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Analytical results for stream sediments and panned concentrates from stream sediments collected from the Glacier Peak Wilderness and adjacent areas, Washington

by

S. E. Church, E. L. Mosier, J. G. Frisken.
B. F. Arbogast, C. M. McDougal, and J. G. Evans

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Studies Related to Wilderness

The Wilderness Act (Public Law 88-577, September 3, 1964) and related acts require the U.S. Geological Survey and the U.S. Bureau of Mines to survey certain areas on Federal lands to determine their mineral resource potential. Results must be made available to the public and be submitted to the President and the Congress. This report presents the results of a geochemical survey of the Glacier Peak Wilderness and adjacent areas in the Mt. Baker, Snoqualmie, and Wenatchee National Forests, Chelan, Skagit, and Snohomish Counties, Washington. The Glacier Peak Wilderness and adjacent areas were classified as proposed wilderness during the Second Roadless Area Review and Evaluation (RARE II) by the U.S. Forest Service, January 1979.

INTRODUCTION

A geochemical reconnaissance of the Glacier Peak Wilderness and adjacent areas, Washington, was undertaken during the 1978, 1979, and 1980 field seasons. During the 1978 field season, R. E. Learned conducted a pilot study in the Chiwawa drainage basin to determine the best sample media to use for the study. Both the plus-80- and minus-80-mesh fraction of stream sediments and panned concentrates from stream sediments were examined.

Chemical and spectrographic analysis of these samples indicated that the minus-80-mesh fraction of the stream sediments should be used as the primary sample medium with supplemental data from panned concentrates of stream sediments. Water samples were also collected and analyzed, but because of the heavy runoff few elements could be detected in this medium. The samples collected by R. E. Learned are denoted by the leading GP-two digit numbering scheme (GP01-GP24).

Several field parties were involved in the sampling. Samples were collected by R. W. Tabor and assistants during the 1978-80 field seasons from the general area south of lat 48° N. These samples are denoted in the data set by a leading G or GX, or by a trailing GX. J. G. Evans directed sample collection during the 1979 field season in the study north of lat 48° N., and these samples are denoted by a leading letter, a two- or three-digit number, and a trailing letter denoting sample type. S. E. Church, J. G. Frisken, W. Kemp, and R. S. Werschky completed the sampling during the 1980 field season. This group of samples is denoted by a leading GP, followed by a four-digit sample number and a trailing letter denoting sample type. A total of 1,183 stream-sediment samples and 754 panned concentrates from stream sediments were collected and analyzed. The locations of the samples are shown on plate 1. Trailing letters and leading GP on samples collected by S. E. Church and assistants have been dropped from the map for clarity.

Field methods

Stream-sediment samples were collected from active streams, or across active stream channels, draining areas as large as 8 km^2. As the annual precipitation in the area exceeds 254 cm/year, most streams were flowing. Sediment samples were sieved through a 2-mm stainless-steel screen at the sample site, and 10-x-15-cm cloth bags were filled with the sieved sediment. The samples were air dried.

Concentrate samples were taken wherever possible, and, in general, represent larger drainages. A 35-cm-diameter gold pan was filled with stream sediment sieved through a 2-mm stainless-steel screen and panned at the site. The heavy-mineral concentrate was transferred to a paper sample bag and oven dried at 105°C for several hours.

Sample preparation

Stream-sediment samples were sieved through a 177-μm stainless-steel sieve, and the -177 μm fraction (-80 mesh) was ground for analysis. A 590-μm (-30 mesh) stainless-steel screen was used to sieve the panned concentrates, and the -590-μm concentrate fraction was retained for further separation. The most magnetic fraction of the panned concentrate was removed using an electromagnet, and the low-density fraction (specific gravity <2.8) was separated from the heavy-mineral fraction by flotation in bromoform and discarded. A final magnetic separation of the heavy-mineral fraction was made on the Frantz isodynamic separator at a setting of 0.6 amp with a forward slope of 25° and a side slope of 15°. Under these conditions, a nonmagnetic heavy-mineral fraction is separated from a more magnetic fraction. The magnetic fraction included many rock fragments and most of the mafic silicates. Mineralogically, the nonmagnetic fraction contains sulfide, nonmagnetic oxide, tungstate and sulfate minerals, tourmaline, barite, apatite, sphene, zircon and minor trace or accessory minerals which may be indicative of mineralization. This nonmagnetic fraction was hand ground in an agate mortar under acetone for analysis.

Mineralogical examinations using a binocular microscope were performed on the nonmagnetic fractions of the panned-concentrate samples collected during the 1980 field season. Due to the limited quantity of some of the heavy-mineral separates, this examination was done prior to spectrographic analysis.

Analytical methods

The methods used in this study are given by element in table 1. Analytical results for stream sediments are presented in table 2, and analytical results for the panned concentrates from stream sediments are given in table 3. Mineralogical data for the panned concentrates from stream sediments are given in table 4. Elements for which only a few data were reported are not included in the tables.

Spectrographic results are obtained by visual comparison of spectra derived from the unknown sample against spectra obtained from standards made from pure oxides or carbonates using a D.C. (direct current) arc emission spectrographic method (Grimes and Marranzino, 1968). Standard concentrations are geometrically spaced over any given order of magnitude of concentration

Table 1. Summary of analytical methods used on samples from the Glacier Peak Wilderness study area, Washington

Column designation	Analysts	Sediment sample weight (g)	Concentrate sample weight (g)	Detection limit[1] (sediments)	Detection limit[1] (concentrates)	Analytical method[2]	References
Mg-pct.	Mosier	0.010	0.005	0.02	0.05	D.C. arc/spectrographic analysis	Grimes and Marranzino (1968).
Ca-pct.	--Do-----	.010	.005	.05	.10	----------Do----------	----------Do----------
Fe-pct.	--Do-----	.010	.005	0.05	.10	----------Do----------	----------Do----------
Ti-pct.	--Do-----	.010	.005	0.002	.005	----------Do----------	----------Do----------
Mn-ppm	--Do-----	.010	.005	10	20	----------Do----------	----------Do----------
V-ppm	--Do-----	.010	.005	10	20	----------Do----------	----------Do----------
Cr-ppm	--Do-----	.010	.005	10	20	----------Do----------	----------Do----------
Ni-ppm	--Do-----	.010	.005	5	10	----------Do----------	----------Do----------
Co-ppm	--Do-----	.010	.005	5	10	----------Do----------	----------Do----------
Sc-ppm	--Do-----	.010	.005	5	10	----------Do----------	----------Do----------
Cu-ppm	--Do-----	.010	.005	5	10	----------Do----------	----------Do----------
Mo-ppm	--Do-----	.010	.005	5	10	----------Do----------	----------Do----------
W-ppm	--Do-----	.010	.005	50	100	----------Do----------	----------Do----------
W-ppm	Arbogast/ J. D. Hoffman	.4	.4	1	1	$K_2S_2O_7$ fusion/leach with 10 N HCl/ transfer to 20 percent Sn(II)/add dithiol solution/extract into heptane/colorimetric determination.	Modified from Quinn and Brooks (1972).
Sn-ppm	Mosier	.010	.005	10	20	D.C. arc/spectrographic analysis	Grimes and Marranzino (1968).
Bi-ppm	--Do-----	.010	.005	10	20	----------Do----------	----------Do----------
Au-ppm	Arbogast/ J. Lucas	1.0-10.0	--	[3](0.5-0.05)	--	[3]HBr+Br[2] digestion/extract into MIBK[4]/atomic absorption analysis	Ward and others (1969).
	Frisken	10.0	--	.002	--	[3]HBr+Br[2] digestion/extract into MIBK/flameless atomic absorption analysis.	Meier (1980).
Pb-ppm	Mosier	.010	.005	10	20	D.C. arc/spectrographic analysis	Grimes and Marranzino (1968).
Ag-ppm	--Do-----	.010	.005	.5	1	----------Do----------	----------Do----------
Zn-ppm	J. D. Sharkey/ J. Lucas	1.0	--	5	--	HNO_3 digestion/atomic absorption analysis	Ward and others (1969).
Zn-ppm	Mosier	.010	.005	200	500	D.C. arc/spectrographic analysis	Grimes and Marranzino (1968).
Cd-ppm	--Do-----	.010	.005	--	50	----------Do----------	----------Do----------
As-ppm	--Do-----	.010	.005	200	500	----------Do----------	----------Do----------
Sb-ppm	--Do-----	.010	.005	100	200	----------Do----------	----------Do----------
Hg-ppm	Frisken/ J. D. Hoffman	--	.10	--	.02	Volatilization/atomic absorption analysis.	Modified from Vaughn and McCarthy (1964).
B-ppm	Mosier	.010	.005	10	20	D.C. arc/spectrographic analysis	Grimes and Marranzino (1968).
Be-ppm	--Do-----	.010	.005	1	2	----------Do----------	----------Do----------
Sr-ppm	--Do-----	.010	.005	100	200	----------Do----------	----------Do----------
Ba-ppm	--Do-----	.010	.005	20	50	----------Do----------	----------Do----------
La-ppm	--Do-----	.010	.005	20	50	----------Do----------	----------Do----------
Y-ppm	--Do-----	.010	.005	10	20	----------Do----------	----------Do----------
Zr-ppm	--Do-----	.010	.005	10	20	----------Do----------	----------Do----------
Th-ppm	--Do-----	.010	.005	--	200	----------Do----------	----------Do----------
Nb-ppm	--Do-----	.010	.005	--	50	----------Do----------	----------Do----------

[1]Units given by element in column 1.

[2]Analytical method used is noted as follows: S, D.C. arc/spectrographic analysis; CM, Partial digestion followed by colorimetric determination; AA, Partial digestion followed by atomic absorption analysis; INST, instrumental analysis.

[3]The limit of detection is dependent on the weight of the sample available. The usefulness of data from samples determined by this method is therefore sample limited.

[4]MIBK is methyl isobutyl ketone.

and are prepared in such a way that the range of concentrations normally found in naturally occurring samples are bracketed. When comparisons are made with sample films for semiquantitative use, reported values are rounded to 100, 50, 20, 10, and so forth. Those samples whose concentrations are estimated to fall between the above values are arbitrarily given values of 70, 30, 15, 7, and so forth. The precision of the 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 (manganese, calcium, iron, and titanium) are given in weight percent; all others are given in parts per million (micrograms/gram).

Discussion

All analytical results, sample description, and locations have been entered into a computerized rock analysis storage system (RASS) used by the U.S. Geological Survey. The data for the stream sediments and the panned concentrates from stream sediments have been processed using computer programs in a statistical package (STATPAC) to provide the histograms and statistical distribution data given for each sample medium in tables 5-10. Histograms and statistical data given are derived only from unqualified data contained in the data set. Log transforms of the data set were used to prepare the histograms and the correlation-coefficient tables.

Results from the stream-sediment survey may be interpreted to show a bimodal occurrence of copper, lead, and boron reflecting mineralization associated with the Cloudy Pass pluton at Glacier Peak mines (Grant, 1982). The remainder of the elements analyzed show lognormal distributions, which are positively skewed (table 5). Median values for many elements are in good general agreement with the average crustal-abundance values given by Lee and Yao (1970), with the exception of the low values for nickel, copper, and perhaps molybdenum. Comparisons of the median values, however, with the average mafic phase of the Cloudy Pass pluton, which underlies much of the study area (see analyses 3-8, table 3, Tabor and Crowder, 1969, p. 14), indicates high values in the stream sediments for all of the first-series transition metals.

Chemical results for the panned concentrates from stream sediments show a wider variation. A bimodal distribution is suggested by the statistical data shown in table 9 for manganese, and several modes are suggested for magnesium, iron, chromium, and boron. Systematic mineralogy of the heavy-mineral fraction from panned concentrates from stream sediments collected during the 1980 field season are given in table 4.

Correlation coefficients (table 7 and 10) have been examined for relationships that would indicate mineralization. Only those correlations that are significant at the 95-percent confidence level, as indicated by the Z statistic (Hoffman and others, 1979), have been included in the correlation-coefficient analysis. Several suites of elements that may reflect mineralization have been identified using the correlation-coefficient results. Where no correlation coefficient can be calculated because of lack of a sufficient number of data pairs, an asteric has been printed out in the data tables. The most prominent suite of elements noted is: copper, molybdenum, tungsten, gold, cobalt, lead, zinc, and silver. This suite is the

common association for the porphyry copper system found in the Canadian Cordillera (Pilcher and McDougall, 1976) and is primarily an indication of the porphyry system underlying the Glacier Peak mines area (Grant, 1982). Correlation-coefficient analysis suggests that the gold present in the system is associated with chalcopyrite and that tin is associated with the scheelite and galena found peripheral to the main body of mineralization. Analysis of sphene separates from the study area did not show high concentrations of tin. Further investigation of the mineralogical host for tin is warranted. Large masses of massive magnesian tourmaline are also associated with the mineralization at the Glacier Peak mines area.

In addition to the above suite, lead and silver; lead, antimony, and arsenic; and lead, silver, and molybdenum associations are also found, which are interpreted to represent epithermal mineralization within the study area. This mineralization, however, is in marked contrast to that found in the Monte Cristo mining district, immediately southwest of the study area. In the Monte Cristo mining district, the host mineral for much of the mineralization is arsenopyrite (Church and others, 1982), whereas arsenic in the mineral systems found in the Glacier Peak Wilderness study area appears to be only a minor trace constituent.

A high-temperature suite of bismuth, thorium, and niobium is also suggested by the correlation-coefficient analysis. The source of this correlation is not recognized at this time, and further work is necessary before this association can be related to any particular geologic feature in the Glacier Peak Wilderness study area.

Finally, an ultramafic suite, iron, chromium, nickel, cobalt, and scandium, is also evident from the correlation-coefficient analysis. This suite indicates the presence of ultramafic bodies found along the deep-seated faults in the area (Crowder and others, 1966; Cater and Crowder, 1967; Cater and Wright, 1967). However, the distribution of this element suite is also complicated by the presence of the basic lavas associated with the Glacier Peak volcanic activity (Tabor and Crowder, 1969), particularly in the drainages affected by the basaltic flows from the White Chuck cone.

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Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.

[The following qualifiers are used in reporting spectrographic data: --, no determination made; N, concentration less than the detection limit; L, detected, but present at a concentration less than the value reported; G, element present at a concentration greater than the upper calibration limit; and H, interfering spectra render analytical lines unusable.]

Sample	Latitude	Longitude	Mg-pct.	Ca-pct.	Fe-pct.	Ti-pct.	Mn-ppm	V-ppm	Cr-ppm	Ni-ppm	Co-ppm	Sc-ppm
			s	s	s	s	s	s	s	s	s	s
01GX	48 2 36	121 18 6	3.0	2.0	10.0	1.00	2,000	200	200	50	15	20
402GX	47 56 53	121 8 42	3.0	1.5	10.0	1.00	1,500	200	200	100	30	20
404GX	47 56 54	121 8 36	2.0	1.5	7.0	.70	2,000	200	200	50	20	20
406GX	47 55 59	121 14 15	3.0	2.0	10.0	1.00	2,000	300	200	50	20	20
701GX	47 58 41	121 2 45	2.0	1.5	5.0	.20	700	200	70	20	10	10
703GX	47 59 18	120 58 54	3.0	2.0	15.0	1.00	5,000	200	200	50	20	30
E100FS	48 8 4	120 55 52	1.0	1.0	5.0	.20	500	100	20	20	15	10
E101FS	48 8 28	120 56 13	1.0	1.0	5.0	.30	700	150	30	20	20	15
E102FS	48 8 48	120 56 21	1.0	1.0	5.0	.20	500	100	30	20	20	10
E103FS	48 8 50	120 56 40	1.5	1.0	5.0	.50	1,000	150	50	30	20	15
E104FS	48 8 32	120 52 32	1.0	.7	5.0	.20	700	100	70	30	20	15
E10FS	48 7 17	120 52 34	1.0	2.0	5.0	.50	500	150	30	20	20	15
E116FS	48 25 46	121 7 29	1.0	1.0	5.0	.20	700	100	50	20	20	15
E117FS	48 25 26	121 7 27	1.0	1.0	5.0	.30	1,000	150	100	50	20	15
E118FS	48 25 12	121 7 18	1.0	.7	5.0	.20	700	100	70	50	20	15
E119FS	48 24 53	121 6 55	1.5	1.0	10.0	.20	1,000	100	100	50	30	15
E11FS	48 7 39	120 52 41	1.0	2.0	5.0	.30	500	100	20	20	20	15
E120FS	48 24 48	121 6 49	2.0	1.0	7.0	.20	1,500	150	200	70	30	20
E121FS	48 24 45	121 6 46	2.0	.7	5.0	.20	1,000	150	150	50	30	20
E122FS	48 24 34	121 6 38	1.0	1.0	5.0	.20	1,500	150	50	20	20	20
E123FS	48 24 28	121 6 38	2.0	1.0	7.0	.30	1,000	150	300	150	30	20
E124FS	48 24 58	121 21 44	1.0	1.0	5.0	.30	1,000	100	70	30	20	15
E125FS	48 16 37	121 12 25	1.5	1.5	5.0	.50	1,000	100	200	70	20	15
E126FS	48 16 59	121 12 13	1.5	1.5	5.0	.50	1,000	150	150	70	30	20
E127FS	48 17 38	121 11 52	2.0	1.5	7.0	.70	1,000	150	200	100	50	20
E128FS	48 18 23	121 11 3	1.0	1.0	3.0	.30	700	70	70	20	15	10
E129FS	48 18 58	121 9 57	1.5	1.0	5.0	.50	1,000	100	150	70	20	10
E130FS	48 19 27	121 9 17	1.5	1.0	5.0	.50	700	100	200	100	20	10
E132FS	48 17 16	121 12 18	1.5	1.0	5.0	.30	700	100	70	30	15	15
E134FS	48 17 45	121 11 48	1.5	1.0	5.0	.20	1,000	100	150	100	20	10
E135FS	48 17 52	121 11 40	1.5	1.0	5.0	.50	1,000	100	200	100	20	15
E136FS	48 15 41	121 9 0	1.0	1.0	3.0	.50	500	70	70	20	10	10
E137FS	48 15 33	121 9 22	1.0	1.5	5.0	.50	500	100	70	30	15	10
E138FS	48 15 32	121 9 28	.7	1.0	2.0	.20	700	50	50	20	10	7
E13FS	48 7 49	120 52 52	1.0	2.0	5.0	.50	700	150	50	20	20	15
E141FS	48 15 28	121 10 11	1.0	1.0	3.0	.50	500	100	100	30	15	10
E142FS	48 15 27	121 10 37	2.0	1.5	7.0	.70	1,000	200	300	150	50	20
E143FS	48 15 22	121 10 48	1.5	1.0	5.0	.50	1,000	150	200	70	20	15
E144FS	48 15 17	121 10 52	1.0	1.0	5.0	.30	700	100	100	50	15	10
E145FS	48 15 53	121 8 30	1.0	1.5	3.0	.50	700	100	30	15	10	7
E146FS	48 16 17	121 7 53	1.0	1.5	5.0	.70	1,000	100	70	15	15	15
E147FS	48 16 29	121 7 29	1.0	1.0	5.0	.50	500	100	70	20	10	10
E148FS	48 16 34	121 7 27	1.0	1.0	3.0	.50	1,000	70	150	30	10	10
E149FS	48 25 53	121 20 40	.5	1.0	2.0	.20	500	50	15	5	<5	5
E14FS	48 7 58	120 52 57	1.5	2.0	5.0	.50	500	100	30	20	20	15

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.

Sample	Cu-ppm s	Mo-ppm s	W-ppm cm	Bi-ppm s	Au-ppm aa	Pb-ppm s	Ag-ppm s	Zn-ppm aa	Zn-ppm s	As-ppm s	B-ppm s	Be-ppm s	Sr-ppm s
01GX	70	N	--	N	.010	20	N	--	N	N	200	N	300
402GX	100	N	--	N	.008	30	.5	--	200	N	100	1.5	200
404GX	50	N	--	N	.009	30	N	--	N	N	200	1.0	300
406GX	50	N	--	N	.005	20	N	--	<200	N	20	<1.0	300
701GX	30	N	--	N	.010	10	N	--	N	N	10	N	200
703GX	30	N	--	N	<.002	10	N	--	<200	N	100	1.0	300
E100FS	15	N	--	N	.050	15	N	20	N	N	15	1.0	300
E101FS	15	N	--	N	<.050	20	N	10	N	N	10	1.0	300
E102FS	15	N	--	N	<.050	15	N	30	N	N	10	1.0	300
E103FS	15	N	--	N	<.050	20	N	20	N	N	10	1.0	300
E104FS	100	N	--	N	<.050	30	.5	100	N	N	30	1.5	200
E10FS	15	N	--	N	--	15	N	10	N	N	10	N	300
E116FS	200	20	--	<10	N	15	<.5	80	N	N	10	1.5	300
E117FS	150	70	--	<10	N	50	.5	130	N	N	15	1.5	300
E118FS	200	10	--	<10	N	20	.5	130	N	N	30	1.0	200
E119FS	200	5	--	10	.050	50	.7	250	200	N	50	1.0	300
E11FS	20	<5	--	N	--	15	N	20	N	N	10	<1.0	300
E120FS	200	5	--	N	N	20	.5	180	200	N	30	N	200
E121FS	100	N	--	N	<.050	10	N	110	<200	N	50	N	200
E122FS	100	5	--	N	.150	30	N	180	200	300	70	N	200
E123FS	150	N	--	N	<.050	10	.5	75	N	N	30	1.0	500
E124FS	50	N	--	N	<.050	10	N	60	N	N	30	1.0	200
E125FS	20	N	--	N	N	10	N	70	N	N	10	1.5	300
E126FS	20	N	--	N	<.050	10	N	60	N	N	10	2.0	300
E127FS	30	N	--	N	<.050	<10	N	70	<200	N	15	1.0	200
E128FS	10	N	--	N	<.050	10	N	40	N	N	10	1.5	300
E129FS	20	N	--	N	<.050	10	N	85	N	N	10	1.5	300
E130FS	15	N	--	N	N	<10	N	50	N	N	10	1.0	300
E132FS	30	N	--	N	N	<10	N	55	N	N	15	1.0	500
E134FS	50	N	--	N	N	20	N	80	N	N	15	1.0	200
E135FS	20	N	--	N	N	10	N	55	N	N	20	1.0	200
E136FS	5	N	--	N	N	15	N	80	N	N	10	1.0	500
E137FS	10	N	--	N	N	10	N	70	N	N	10	1.0	500
E138FS	10	N	--	N	N	15	N	100	N	N	10	1.0	300
E13FS	20	<5	--	N	--	10	N	25	N	N	10	1.0	300
E141FS	15	N	--	N	N	15	N	95	N	N	<10	1.5	500
E142FS	50	7	--	N	<.050	10	N	110	N	N	10	1.5	300
E143FS	50	N	--	N	N	10	N	120	<200	N	10	1.0	200
E144FS	15	N	--	N	N	10	N	60	N	N	10	1.5	300
E145FS	7	N	--	N	N	15	N	45	N	N	10	1.5	500
E146FS	7	N	--	N	N	10	N	90	N	N	10	1.5	500
E147FS	10	N	--	N	N	15	N	90	N	N	20	1.5	500
E148FS	10	N	--	N	N	10	N	75	N	N	20	1.5	500
E149FS	7	N	--	N	<.050	10	N	30	N	N	15	1.5	300
E14FS	15	N	--	N	--	10	N	20	N	N	15	1.0	300

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.

Sample	Ba-ppm s	La-ppm s	Y-ppm s	Zr-ppm s
01GX	500	20	50	100
402GX	500	50	30	150
404GX	500	N	30	70
406GX	500	N	50	200
701GX	200	N	15	70
703GX	300	N	50	70
E100FS	300	N	15	100
E101FS	300	N	20	150
E102FS	500	N	20	100
E103FS	300	N	20	150
E104FS	500	20	20	100
E10FS	300	N	15	200
E116FS	500	N	20	150
E117FS	500	N	20	100
E118FS	500	N	20	100
E119FS	500	N	20	50
E11FS	300	N	20	150
E120FS	500	N	20	50
E121FS	300	N	30	70
E122FS	500	N	20	50
E123FS	500	20	20	100
E124FS	300	N	15	70
E125FS	500	20	20	150
E126FS	500	30	30	150
E127FS	300	20	30	150
E128FS	500	20	15	100
E129FS	500	N	20	100
E130FS	500	N	20	100
E132FS	300	N	20	70
E134FS	500	N	20	70
E135FS	300	N	20	150
E136FS	1,000	N	20	150
E137FS	700	20	20	200
E138FS	700	20	15	100
E13FS	300	N	20	100
E141FS	1,000	20	20	100
E142FS	700	30	50	150
E143FS	700	N	20	100
E144FS	700	N	20	150
E145FS	1,000	N	20	100
E146FS	1,000	20	20	150
E147FS	1,000	N	20	150
E148FS	700	20	20	100
E149FS	700	20	10	100
E14FS	300	N	15	100

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Latitude	Longitude	Mg-pct. s	Ca-pct. s	Fe-pct. s	Ti-pct. s	Mn-ppm s	V-ppm s	Cr-ppm s	Ni-ppm s	Co-ppm s	Sc-ppm s
E150FS	48 25 50	121 20 29	.3	.7	1.0	.10	200	20	10	N	N	N
E151FS	48 25 42	121 19 42	.7	1.0	2.0	.20	700	50	15	7	5	5
E152FS	48 25 38	121 19 28	.5	1.0	1.0	.15	300	30	20	<5	<5	<5
E153FS	48 25 43	121 19 58	.7	1.0	2.0	.30	1,000	50	20	7	7	5
E155FS	48 25 47	121 20 50	.7	1.0	3.0	.30	500	70	30	7	7	7
E156FS	48 24 28	121 21 13	1.5	1.0	5.0	.30	700	200	100	50	20	20
E157FS	48 24 11	121 20 49	1.5	1.5	5.0	.30	1,000	150	100	20	15	15
E158FS	48 7 10	121 11 38	.7	20.0	10.0	.03	1,500	10	10	N	N	N
E15FS	48 8 10	120 53 5	1.5	2.0	5.0	.30	700	100	50	30	30	15
E17FS	47 55 52	120 52 18	3.0	5.0	7.0	1.00	1,000	300	300	70	30	30
E18FS	47 55 59	120 52 17	2.0	5.0	5.0	1.00	1,000	200	200	100	20	20
E1FS	48 6 22	120 52 42	1.5	2.0	5.0	.50	700	150	70	20	20	15
E20FS	48 5 4	120 59 4	2.0	3.0	5.0	.70	700	200	150	100	20	15
E21FS	48 5 8	120 58 59	2.0	5.0	7.0	.70	1,000	300	300	150	30	20
E23FS	48 5 4	120 57 29	1.5	5.0	5.0	.50	1,000	150	70	20	20	15
E24FS	48 5 3	120 57 46	2.0	3.0	5.0	.30	1,000	150	200	70	20	20
E25FS	48 4 43	120 56 52	2.0	3.0	7.0	.70	1,500	150	200	100	30	20
E26FS	48 4 23	120 56 17	2.0	5.0	7.0	1.00	1,000	200	150	70	30	20
E27FS	48 3 51	120 55 50	3.0	5.0	7.0	1.00	1,500	200	300	150	50	30
E28FS	48 3 30	120 55 17	2.0	3.0	7.0	.50	1,000	200	200	100	50	20
E29FS	48 3 10	120 54 43	3.0	5.0	10.0	1.00	1,000	200	300	100	50	20
E2FS	48 6 33	120 53 4	1.0	2.0	5.0	.30	700	100	30	20	15	15
E30FS	48 2 44	120 53 59	2.0	5.0	7.0	.70	1,000	200	300	100	30	20
E32FS	48 9 17	120 53 27	1.0	1.0	5.0	.20	500	100	20	15	20	10
E33FS	48 9 12	120 53 25	1.0	1.0	5.0	.20	500	100	30	15	20	10
E34FS	48 9 22	120 53 29	1.0	1.0	5.0	.15	700	100	15	15	15	10
E35FS	48 9 26	120 53 40	1.0	1.0	5.0	.20	500	100	30	20	20	10
E36FS	48 9 24	120 53 47	1.0	1.0	5.0	.15	500	70	70	30	15	10
E3FS	48 6 40	120 53 30	1.5	3.0	5.0	.50	1,000	100	50	20	20	15
E4FS	48 6 33	120 53 50	1.5	3.0	5.0	.50	500	100	100	50	20	15
E51FS	48 8 48	120 52 32	1.0	2.0	5.0	.50	1,000	150	30	20	70	10
E52FS	48 14 50	120 59 28	1.5	2.0	3.0	.30	700	100	70	20	15	10
E53FS	48 14 13	120 59 2	1.5	3.0	5.0	.50	1,000	150	50	30	20	15
E54FS	48 13 24	120 58 58	1.5	3.0	5.0	.50	1,000	100	30	20	15	10
E55FS	48 13 17	120 58 47	1.5	2.0	5.0	.30	1,000	100	30	30	15	15
E56FS	48 12 41	120 58 50	1.0	2.0	5.0	.30	700	100	30	20	15	10
E5FS	48 6 29	120 53 50	1.0	2.0	5.0	.50	1,000	150	300	100	50	20
E6FS	48 6 22	120 53 17	2.0	3.0	5.0	.50	1,000	150	200	100	30	20
E7FS	48 6 29	120 52 21	1.5	2.0	5.0	.50	700	100	30	20	20	15
E8FS	48 6 37	120 52 27	1.0	3.0	5.0	.50	500	150	30	20	20	15
E96FS	48 7 33	120 53 46	1.0	2.0	5.0	.30	700	100	30	20	20	10
E98FS	48 7 44	120 54 34	1.0	2.0	5.0	.30	700	100	30	20	20	15
E99FS	48 7 56	120 55 21	1.0	2.0	5.0	.20	700	100	30	20	15	10
E9FS	48 7 2	120 52 39	1.0	2.0	3.0	.30	700	100	20	15	15	10
G20FS	48 7 1	120 56 [illegible]	2.0	3.0	5.0	.50	1,000	200	150	30	30	20

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Cu-ppm s	Mo-ppm s	W-ppm cm	Bi-ppm s	Au-ppm aa	Pb-ppm s	Ag-ppm s	Zn-ppm aa	Zn-ppm s	As-ppm s	B-ppm s	Be-ppm s	Sr-ppm s
E150FS	5	N	--	N	N	10	N	20	N	N	10	1.5	500
E151FS	5	N	--	N	N	10	N	20	N	N	15	1.0	500
E152FS	7	N	--	N	N	10	N	30	N	N	15	1.5	500
E153FS	10	N	--	N	N	10	N	45	N	N	70	1.5	300
E155FS	10	N	--	N	N	15	N	40	N	N	10	1.5	300
E156FS	50	N	--	N	N	10	N	65	N	N	50	1.0	200
E157FS	20	N	--	N	N	10	N	35	N	N	10	1.5	500
E158FS	5	N	--	N	N	N	N	10	N	N	50	7.0	1,500
E15FS	200	20	--	N	--	50	<.5	180	<200	N	70	1.0	200
E17FS	70	N	--	N	--	<10	N	--	N	N	10	N	500
E18FS	30	N	--	N	--	10	N	--	N	N	10	1.0	300
E1FS	30	N	--	N	N	10	N	--	N	N	10	1.0	500
E20FS	20	N	--	N	--	15	N	--	N	N	10	1.0	500
E21FS	70	N	--	N	--	<10	N	--	N	N	10	N	300
E23FS	20	N	--	N	--	20	N	--	N	N	20	1.0	500
E24FS	70	N	--	N	--	N	N	--	N	N	15	1.0	300
E25FS	100	N	--	N	--	15	N	--	N	N	15	1.5	200
E26FS	50	N	--	N	--	10	N	--	N	N	10	1.0	500
E27FS	100	N	--	N	--	10	N	--	N	N	10	1.0	200
E28FS	100	N	--	N	--	10	N	--	N	N	10	1.0	200
E29FS	50	N	--	N	--	10	N	--	N	N	10	1.5	300
E2FS	15	N	--	N	N	10	N	--	N	N	10	<1.0	500
E30FS	50	N	--	N	--	10	N	--	N	N	10	1.0	200
E32FS	50	7	--	N	N	30	N	45	N	N	20	1.0	300
E33FS	150	7	--	N	N	20	.5	50	N	N	15	1.0	300
E34FS	30	5	--	N	N	30	N	30	N	N	20	1.0	300
E35FS	70	<5	--	N	N	20	N	65	N	N	30	1.0	300
E36FS	20	N	--	N	<.050	50	N	55	N	N	30	1.0	200
E3FS	15	N	--	N	N	10	N	--	N	N	10	<1.0	300
E4FS	15	N	--	N	N	10	N	--	N	N	10	1.0	500
E51FS	150	5	--	N	--	30	1.0	--	N	N	10	1.5	200
E52FS	20	N	--	N	--	20	N	--	N	N	20	1.0	300
E53FS	20	N	--	N	--	30	N	--	N	N	10	1.0	300
E54FS	30	N	--	N	--	30	N	--	N	N	15	1.0	300
E55FS	50	N	--	N	--	30	N	--	N	N	30	1.0	300
E56FS	100	N	--	N	--	50	.5	--	N	300	70	1.0	300
E5FS	50	N	--	N	<.050	10	N	--	N	N	10	<1.0	300
E6FS	50	N	--	N	N	20	N	--	N	N	10	<1.0	300
E7FS	20	N	--	N	N	15	N	--	N	N	10	<1.0	300
E8FS	15	N	--	N	N	15	N	--	N	N	10	<1.0	300
E96FS	20	N	--	N	<.050	30	N	15	N	N	15	1.0	200
E98FS	20	N	--	N	<.050	30	N	10	N	N	10	1.0	500
E99FS	20	N	--	N	<.050	20	N	25	N	N	10	1.0	300
E9FS	15	N	--	N	N	15	N	--	N	N	10	1.0	500
G26FS	50	N	--	N	N	10	N	35	N	N	<10	N	300

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Ba-ppm s	La-ppm s	Y-ppm s	Zr-ppm s
E150FS	700	N	N	70
E151FS	500	20	10	100
E152FS	700	N	N	70
E153FS	300	30	10	200
E155FS	500	20	15	200
E156FS	300	N	20	100
E157FS	500	N	15	100
E158FS	1,000	N	100	15
E15FS	500	N	20	150
E17FS	200	N	20	100
E18FS	300	20	30	150
E1FS	500	20	20	100
E20FS	500	N	50	150
E21FS	500	N	20	70
E23FS	500	N	20	100
E24FS	300	30	20	100
E25FS	500	20	30	150
E26FS	300	N	20	150
E27FS	200	20	30	100
E28FS	300	N	20	70
E29FS	200	N	20	150
E2FS	500	N	20	100
E30FS	300	20	30	100
E32FS	500	20	15	100
E33FS	300	20	15	70
E34FS	300	N	15	100
E35FS	300	20	20	100
E36FS	300	20	20	100
E3FS	300	N	20	100
E4FS	500	N	20	100
E51FS	200	20	50	200
E52FS	500	30	20	150
E53FS	300	N	20	100
E54FS	300	N	20	100
E55FS	300	20	50	100
E56FS	500	20	15	70
E5FS	500	N	20	100
E6FS	300	N	15	100
E7FS	300	N	20	200
E8FS	300	N	15	150
E96FS	300	N	20	150
E98FS	500	N	20	100
E99FS	300	N	15	100
E9FS	500	N	15	100
G26FS	300	N	20	100

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Latitude	Longitude	Mg-pct. s	Ca-pct. s	Fe-pct. s	Ti-pct. s	Mn-ppm s	V-ppm s	Cr-ppm s	Ni-ppm s	Co-ppm s	Sc-ppm s
G27FS	48 9 0	120 46 10	2.0	5.0	5.0	.50	1,000	200	150	30	30	30
G28FS	48 9 1	120 45 53	1.5	2.0	5.0	.50	1,000	150	30	20	20	15
G29FS	48 8 55	120 45 17	1.0	2.0	5.0	.30	1,000	150	50	20	30	20
G30FS	48 8 58	120 44 47	1.0	2.0	3.0	.20	500	100	30	20	20	15
G31FS	48 9 8	120 44 40	1.5	3.0	5.0	.30	500	150	70	30	20	15
G32FS	48 13 8	120 56 8	1.0	1.5	3.0	.20	500	70	15	15	10	10
G33FS	48 13 8	120 56 2	1.0	1.5	3.0	.20	700	100	15	10	15	10
G34FS	48 13 42	120 55 57	1.5	1.0	5.0	.30	700	100	20	15	15	15
G35FS	48 14 27	120 56 4	1.0	1.0	5.0	.20	500	100	20	15	15	15
G36FS	48 14 29	120 56 13	1.0	1.0	3.0	.20	500	70	15	10	10	10
G37FS	48 15 18	120 55 26	1.0	1.0	5.0	.20	700	100	50	15	15	15
G38FS	48 15 41	120 55 33	1.0	1.0	5.0	.30	500	100	30	15	15	15
G40FS	48 16 8	120 55 39	1.0	1.0	5.0	.20	700	100	30	15	20	15
G42FS	48 18 31	120 55 5	1.0	1.5	5.0	.30	1,000	150	70	20	20	20
G43FS	48 19 9	120 55 1	1.0	1.0	5.0	.20	700	70	70	30	15	10
G44FS	48 18 38	120 55 22	1.0	1.0	3.0	.15	500	70	20	10	10	15
G45FS	48 18 18	120 55 22	1.0	1.0	3.0	.20	500	70	30	15	15	15
GA1025	48 3 55	120 56 8	1.0	2.0	2.0	.30	1,500	100	50	10	10	15
GB1025	47 54 20	120 41 5	3.0	2.0	5.0	.70	2,000	200	300	150	50	30
GP01S	48 7 41	120 50 26	2.0	2.0	5.0	.70	1,000	100	150	50	30	10
GP02S	48 7 35	120 50 17	2.0	2.0	5.0	.70	1,000	100	200	50	20	15
GP03S	48 6 17	120 50 3	2.0	2.0	5.0	.70	700	100	150	30	30	15
GP04S	48 6 18	120 49 51	2.0	2.0	5.0	1.00	700	100	100	20	20	15
GP05S	48 5 51	120 49 42	3.0	2.0	7.0	>1.00	1,000	150	200	70	30	20
GP06S	48 5 47	120 49 31	2.0	2.0	5.0	1.00	1,000	100	150	30	30	15
GP07S	48 5 6	120 50 3	1.5	2.0	5.0	1.00	1,000	150	150	50	30	15
GP08S	48 5 0	120 49 53	3.0	1.5	7.0	1.00	1,000	100	700	100	50	20
GP09S	48 4 26	120 50 53	2.0	2.0	7.0	1.00	1,500	100	200	50	30	20
GP10S	48 6 13	120 52 44	3.0	3.0	7.0	1.00	1,000	100	500	70	30	20
GP11S	48 6 18	120 52 41	1.5	.7	7.0	>1.00	1,500	100	100	30	20	30
GP12S	48 6 16	120 52 29	1.5	[illegible]	5.0	.70	1,000	70	70	20	15	15
GP13S	48 6 13	120 52 23	2.0	[illegible]	10.0	>1.00	1,500	100	100	30	30	30
GP14S	48 6 6	120 52 19	2.0	[illegible]	10.0	>1.00	1,500	150	100	50	30	20
GP15S	48 5 57	120 52 11	3.0	[illegible]	7.0	>1.00	1,000	150	70	30	30	15
GP16S	48 5 50	120 52 4	2.0	[illegible]	10.0	>1.00	1,000	150	70	20	30	15
GP17S	48 5 43	120 52 2	1.5	[illegible]	10.0	1.00	1,000	150	70	20	20	20
GP18S	48 5 24	120 51 56	2.0	[illegible]	10.0	>1.00	1,500	150	100	50	50	20
GP19S	48 5 6	120 51 52	3.0	[illegible]	7.0	>1.00	1,000	150	300	70	30	30
GP2000S	48 10 45	121 24 44	1.5	[illegible]	1.5	.20	300	70	70	30	10	10
GP2001S	48 10 40	121 23 35	1.5	[illegible]	5.0	1.00	1,000	200	300	50	20	20
GP2002S	48 10 48	121 22 21	1.5	[illegible]	3.0	.70	1,000	150	70	20	15	15
GP2003S	48 7 45	121 24 35	1.5	[illegible]	5.0	1.00	1,000	200	500	70	30	20
GP2004S	48 8 0	121 24 46	1.0	[illegible]	3.0	.70	700	150	500	50	20	15
GP2005S	48 8 34	121 25 11	1.0	.7	3.0	.50	500	150	200	50	15	15
GP2006S	48 9 22	121 25 39	1.0	1.0	2.0	.50	700	150	300	70	15	15

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Cu-ppm s	Mo-ppm s	W-ppm cm	Bi-ppm s	Au-ppm aa	Pb-ppm s	Ag-ppm s	Zn-ppm aa	Zn-ppm s	As-ppm s	B-ppm s	Be-ppm s	Sr-ppm s
G27FS	50	N	--	N	N	<10	N	30	N	N	10	N	300
G28FS	20	N	--	N	N	15	N	30	N	N	10	1.0	500
G29FS	30	7	--	N	N	10	N	70	N	N	10	<1.0	200
G30FS	20	N	--	N	N	10	N	45	N	N	10	1.0	300
G31FS	30	N	--	N	--	10	N	--	N	N	20	<1.0	500
G32FS	10	N	--	N	N	20	N	35	N	N	10	1.0	500
G33FS	30	N	--	N	N	20	N	40	N	N	15	1.0	300
G34FS	15	N	--	N	N	20	N	40	N	N	10	1.0	300
G35FS	20	<5	--	N	<.050	50	N	75	N	N	20	1.0	300
G36FS	20	N	--	N	N	20	N	35	N	N	20	1.0	300
G37FS	20	N	--	N	N	20	N	50	N	N	15	<1.0	300
G38FS	20	N	--	N	<.050	30	N	45	N	N	15	<1.0	300
G40FS	50	N	--	N	N	30	N	60	N	N	20	<1.0	300
G42FS	20	N	--	N	N	10	N	110	<200	N	10	N	300
G43FS	30	<5	--	N	<.050	<10	N	65	N	N	15	1.0	300
G44FS	20	N	--	N	N	10	N	35	N	N	10	<1.0	300
G45FS	20	N	--	N	N	10	N	40	N	N	15	<1.0	300
GA1025	30	N	N	N	N	15	N	50	N	N	50	1.0	500
GB1025	70	N	N	N	N	15	N	45	N	N	20	<1.0	300
GP01S	70	N	10	N	N	20	<.5	60	N	N	15	1.0	500
GP02S	50	N	N	N	N	15	N	40	N	N	10	<1.0	700
GP03S	30	N	N	N	N	15	N	45	N	N	10	<1.0	700
GP04S	20	N	2	N	N	10	N	35	N	N	15	1.0	700
GP05S	150	N	5	N	N	15	<.5	70	N	N	10	<1.0	500
GP06S	50	N	N	N	N	10	N	30	N	N	15	<1.0	500
GP07S	100	N	7	N	N	15	N	50	N	N	10	1.0	700
GP08S	50	N	N	N	N	10	N	65	N	N	10	<1.0	300
GP09S	100	N	2	N	.600	15	N	65	N	N	20	1.0	500
GP10S	50	N	3	N	N	15	N	30	N	N	<10	<1.0	300
GP11S	70	N	10	N	<.050	20	N	35	N	N	15	<1.0	500
GP12S	30	N	2	N	N	20	N	20	N	N	10	<1.0	500
GP13S	50	N	3	N	N	20	N	30	N	N	10	<1.0	300
GP14S	50	N	N	N	N	15	N	25	N	N	10	N	300
GP15S	30	N	N	N	N	15	N	20	N	N	10	N	500
GP16S	30	N	N	N	N	15	N	25	N	N	10	<1.0	500
GP17S	50	N	N	N	N	15	N	25	N	N	10	1.0	500
GP18S	50	N	N	N	N	15	N	25	N	N	10	<1.0	700
GP19S	50	N	N	N	N	15	N	30	N	N	10	1.0	500
GP2000S	20	N	--	N	.002	10	N	--	N	N	20	<1.0	200
GP2001S	30	N	--	N	.008	10	N	--	N	N	30	N	150
GP2002S	15	N	--	N	<.002	10	N	--	N	N	20	<1.0	200
GP2003S	50	N	--	N	.002	50	N	--	N	N	50	N	150
GP2004S	30	N	--	N	.002	<10	N	--	N	N	50	N	150
GP2005S	30	N	--	N	.004	15	N	--	N	N	70	1.0	100
GP2006S	20	N	--	N	.002	10	N	--	N	N	50	<1.0	150

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Ba-ppm s	La-ppm s	Y-ppm s	Zr-ppm s
G27FS	300	N	20	70
G28FS	500	N	15	100
G29FS	300	N	30	100
G30FS	500	N	20	100
G31FS	500	N	20	100
G32FS	500	N	15	100
G33FS	500	N	15	150
G34FS	300	N	20	150
G35FS	500	N	20	100
G36FS	500	20	20	70
G37FS	500	N	20	150
G38FS	500	N	20	100
G40FS	500	N	20	70
G42FS	300	N	30	70
G43FS	300	N	20	100
G44FS	300	N	20	200
G45FS	300	N	20	100
GA1025	500	50	20	50
GB1025	500	30	20	70
GP01S	300	20	20	100
GP02S	200	N	20	150
GP03S	300	N	20	100
GP04S	200	N	20	100
GP05S	200	N	30	300
GP06S	300	N	20	150
GP07S	500	N	30	200
GP08S	300	N	20	200
GP09S	500	20	30	150
GP10S	300	20	20	150
GP11S	300	30	50	200
GP12S	500	N	20	70
GP13S	500	20	30	300
GP14S	200	N	20	300
GP15S	200	N	30	200
GP16S	300	N	20	300
GP17S	300	20	30	150
GP18S	300	50	30	200
GP19S	300	30	30	200
GP2000S	300	20	20	70
GP2001S	500	20	30	100
GP2002S	300	20	30	200
GP2003S	300	20	30	100
GP2004S	500	20	30	100
GP2005S	1,500	20	30	100
GP2006S	700	20	20	150

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Latitude	Longitude	Mg-pct. s	Ca-pct. s	Fe-pct. s	Ti-pct. s	Mn-ppm s	V-ppm s	Cr-ppm s	Ni-ppm s	Co-ppm s	Sc-ppm s
GP2007S	48 11 6	121 21 29	1.5	1.5	3.0	>1.00	700	150	300	50	20	20
GP2008S	48 10 34	121 20 50	1.0	1.5	3.0	1.00	1,000	150	200	30	15	15
GP2009S	48 10 14	121 19 21	1.0	1.5	3.0	1.00	1,000	150	150	30	10	15
GP2010S	48 9 34	121 15 40	1.0	1.5	3.0	>1.00	1,000	150	150	50	15	20
GP2011S	48 9 33	121 15 39	1.0	1.5	3.0	>1.00	700	150	150	50	15	15
GP2012S	48 9 39	121 16 38	1.0	2.0	3.0	>1.00	1,000	150	300	70	20	20
GP2013S	48 9 48	121 17 18	1.0	1.5	3.0	>1.00	1,000	150	200	30	15	20
GP2014S	48 10 5	121 18 37	1.5	1.5	3.0	>1.00	1,000	150	200	20	15	20
GP2015S	48 9 48	121 19 27	1.5	1.5	5.0	1.00	1,000	150	200	30	20	20
GP2016S	48 9 51	121 19 25	1.5	1.5	5.0	1.00	1,000	150	150	30	20	20
GP2017S	48 9 54	121 19 55	1.0	1.5	5.0	.70	700	150	70	15	15	20
GP2018S	48 10 18	121 20 15	1.5	2.0	7.0	>1.00	1,000	200	150	30	30	20
GP2019S	48 12 41	121 10 9	1.0	1.5	3.0	>1.00	500	150	100	30	15	20
GP2020S	48 12 40	121 9 57	1.0	2.0	3.0	1.00	700	100	100	30	10	15
GP2021S	48 10 57	121 9 11	1.0	2.0	3.0	1.00	500	150	100	20	10	20
GP2022S	48 10 20	121 8 50	1.0	2.0	3.0	.70	500	150	150	70	15	15
GP2023S	48 10 36	121 7 20	3.0	2.0	7.0	.50	1,000	300	300	150	30	15
GP2024S	48 25 16	121 25 39	1.0	1.5	3.0	.50	500	100	100	30	15	15
GP2025S	48 25 18	121 24 32	.7	1.0	3.0	.50	500	100	70	20	10	15
GP2026S	48 24 50	121 23 28	1.0	1.5	3.0	.50	500	100	100	15	10	15
GP2027S	48 24 41	121 23 22	1.5	1.5	3.0	.70	500	150	150	30	20	20
GP2028S	48 24 48	121 21 38	1.5	1.5	5.0	.50	500	200	100	50	20	20
GP2029S	48 5 50	121 14 55	1.0	1.0	5.0	1.00	700	150	100	30	20	20
GP2030S	48 5 55	121 14 52	1.5	2.0	3.0	1.00	500	150	150	30	15	20
GP2031S	48 6 6	121 15 59	1.0	1.0	5.0	.70	500	150	150	50	15	20
GP2032S	48 6 13	121 15 55	1.0	1.0	5.0	>1.00	1,500	150	100	15	15	30
GP2033S	48 8 12	121 17 17	1.5	1.5	5.0	.50	1,000	150	150	50	15	20
GP2034S	48 8 15	121 17 28	1.0	1.5	3.0	.30	1,000	100	150	50	15	15
GP2035S	48 8 12	121 17 27	1.0	1.5	3.0	.70	700	150	200	50	15	15
GP2036S	48 8 58	121 16 43	1.0	1.5	5.0	1.00	1,000	150	300	50	15	20
GP2037S	48 9 2	121 16 42	1.0	1.5	7.0	1.00	1,000	200	150	30	30	20
GP2038S	48 5 55	121 4 0	1.0	1.5	5.0	.70	700	200	70	20	20	15
GP2039S	48 5 46	121 3 59	1.5	2.0	5.0	1.00	700	200	300	70	20	20
GP2040S	48 5 57	121 1 55	1.0	2.0	3.0	.50	500	150	100	20	15	20
GP2041S	48 6 4	121 1 23	1.5	2.0	5.0	>1.00	700	200	500	50	30	30
GP2042S	48 5 59	121 2 29	1.0	1.5	3.0	.50	500	150	100	30	20	15
GP2043S	48 6 48	121 2 43	1.0	1.5	5.0	1.00	700	200	100	50	30	15
GP2044S	48 9 50	121 3 0	1.0	1.5	5.0	1.00	500	200	150	30	20	15
GP2045S	48 9 48	121 2 40	1.0	1.5	2.0	.30	300	100	70	20	15	15
GP2046S	48 9 56	121 23 12	1.5	1.5	5.0	>1.00	700	200	200	100	50	30
GP2047S	48 9 58	121 23 12	1.5	1.5	5.0	1.00	500	200	200	50	30	20
GP2048S	48 8 24	121 20 50	1.0	1.5	5.0	>1.00	1,000	200	100	30	20	20
GP2049S	48 8 21	121 20 47	1.5	2.0	3.0	.50	700	150	100	30	15	20
GP2050S	48 7 35	121 20 40	1.0	1.5	3.0	.50	500	150	50	10	15	20
GP2051S	48 7 55	121 16 35	2.0	1.5	7.0	1.00	1,500	200	150	50	20	30

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Cu-ppm s	Mo-ppm s	W-ppm cm	Bi-ppm s	Au-ppm aa	Pb-ppm s	Ag-ppm s	Zn-ppm aa	Zn-ppm s	As-ppm s	B-ppm s	Be-ppm s	Sr-ppm s
GP2007S	20	N	--	N	N	10	N	--	N	N	20	N	200
GP2008S	15	N	--	N	N	15	N	--	N	N	30	N	200
GP2009S	15	N	--	N	N	10	N	--	N	N	20	<1.0	300
GP2010S	20	N	--	N	N	10	N	--	N	N	20	N	200
GP2011S	20	N	--	N	N	15	N	--	N	N	10	N	300
GP2012S	20	N	--	N	<.002	10	N	--	N	N	15	N	200
GP2013S	15	N	--	N	N	15	N	--	N	N	10	N	300
GP2014S	10	N	--	N	N	10	N	--	N	N	15	N	200
GP2015S	15	N	--	N	.005	15	N	--	N	N	10	N	200
GP2016S	15	N	--	N	<.002	10	N	--	N	N	10	N	300
GP2017S	15	N	--	N	.004	15	N	--	N	N	20	<1.0	200
GP2018S	15	N	--	N	<.002	10	N	--	N	N	15	N	300
GP2019S	20	N	--	N	.003	15	N	--	N	N	20	<1.0	300
GP2020S	10	N	--	N	N	15	N	--	N	N	15	<1.0	300
GP2021S	50	N	--	N	N	15	N	--	N	N	20	<1.0	300
GP2022S	30	N	--	N	N	15	N	--	N	N	20	<1.0	300
GP2023S	20	N	--	N	.030	15	N	--	<200	N	15	1.0	500
GP2024S	20	N	--	N	N	10	N	--	N	N	50	<1.0	300
GP2025S	15	N	--	N	<.002	10	N	--	N	N	50	<1.0	200
GP2026S	10	N	--	N	.004	10	N	--	N	N	30	N	300
GP2027S	20	N	--	N	N	10	N	--	N	N	30	<1.0	300
GP2028S	30	N	--	N	N	10	N	--	N	N	20	N	200
GP2029S	30	N	--	N	.010	30	N	--	N	N	30	<1.0	200
GP2030S	15	N	--	N	.002	<10	N	--	N	N	20	N	300
GP2031S	20	N	--	N	.002	10	N	--	N	N	30	N	200
GP2032S	20	N	--	N	N	<10	N	--	N	N	15	N	200
GP2033S	20	N	--	N	N	15	N	--	N	N	20	N	300
GP2034S	15	N	--	N	N	10	N	--	N	N	20	N	200
GP2035S	20	N	--	N	.010	15	N	--	N	N	20	<1.0	300
GP2036S	15	N	--	N	<.002	<10	N	--	N	N	20	<1.0	300
GP2037S	10	N	--	N	<.002	N	N	--	300	N	15	N	200
GP2038S	10	N	--	N	N	10	N	--	N	N	20	<1.0	500
GP2039S	20	N	--	N	N	<10	N	--	N	N	20	N	300
GP2040S	10	N	--	N	.003	<10	N	--	N	N	10	N	500
GP2041S	10	N	--	N	N	N	N	--	N	N	15	N	500
GP2042S	10	N	--	N	N	<10	N	--	N	N	15	<1.0	500
GP2043S	10	N	--	N	<.002	<10	N	--	N	N	15	N	500
GP2044S	15	N	--	N	N	15	N	--	N	N	20	<1.0	300
GP2045S	20	N	--	N	.020	15	<.5	--	N	N	20	1.0	300
GP2046S	50	N	--	N	.004	15	N	--	N	N	100	N	100
GP2047S	30	N	--	N	.005	10	N	--	N	N	20	N	200
GP2048S	20	N	--	N	.002	10	N	--	N	N	70	N	200
GP2049S	15	N	--	N	<.002	10	N	--	N	N	30	N	300
GP2050S	20	N	--	N	.002	15	N	--	N	N	50	N	150
GP2051S	15	N	--	N	N	20	N	--	N	N	20	1.0	500

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Ba-ppm s	La-ppm s	Y-ppm s	Zr-ppm s
GP2007S	500	30	30	100
GP2008S	500	30	20	100
GP2009S	500	30	20	70
GP2010S	500	50	50	200
GP2011S	500	30	30	150
GP2012S	500	20	30	100
GP2013S	300	50	30	100
GP2014S	200	30	30	70
GP2015S	500	30	30	200
GP2016S	300	20	20	30
GP2017S	500	N	30	200
GP2018S	500	N	20	70
GP2019S	500	20	30	70
GP2020S	300	30	30	200
GP2021S	500	20	30	70
GP2022S	500	20	30	70
GP2023S	500	N	20	150
GP2024S	500	20	20	200
GP2025S	500	30	20	200
GP2026S	500	20	20	200
GP2027S	500	20	20	150
GP2028S	700	20	30	50
GP2029S	500	30	30	70
GP2030S	300	20	30	70
GP2031S	700	20	20	70
GP2032S	200	100	50	200
GP2033S	500	20	30	100
GP2034S	500	30	20	50
GP2035S	700	20	20	70
GP2036S	700	30	30	100
GP2037S	200	30	20	50
GP2038S	500	20	20	70
GP2039S	500	20	30	70
GP2040S	500	30	20	70
GP2041S	200	20	30	100
GP2042S	700	20	20	70
GP2043S	300	20	20	70
GP2044S	500	30	20	100
GP2045S	700	20	20	100
GP2046S	700	20	50	100
GP2047S	500	20	30	200
GP2048S	500	20	50	200
GP2049S	500	20	30	200
GP2050S	300	20	20	70
GP2051S	300	N	30	200

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Latitude	Longitude	Mg-pct. s	Ca-pct. s	Fe-pct. s	Ti-pct. s	Mn-ppm s	V-ppm s	Cr-ppm s	Ni-ppm s	Co-ppm s	Sc-ppm s
GP2052S	48 11 51	121 17 17	2.0	2.0	7.0	1.00	1,500	200	150	30	20	50
GP2053S	48 11 50	121 17 20	2.0	3.0	7.0	.70	1,500	200	150	50	20	50
GP2054S	48 11 43	121 13 59	1.5	2.0	5.0	.70	1,000	150	100	30	20	20
GP2055S	48 11 42	121 13 51	1.5	2.0	7.0	>1.00	1,500	200	200	30	20	50
GP2056S	48 8 9	121 15 12	2.0	3.0	7.0	1.00	1,000	200	300	70	30	30
GP2057S	48 8 10	121 15 17	2.0	2.0	7.0	1.00	1,500	200	200	50	20	30
GP2058S	48 11 10	121 13 40	2.0	2.0	7.0	1.00	1,000	300	150	50	20	30
GP2059S	48 11 17	121 13 25	1.5	2.0	10.0	>1.00	1,500	300	200	30	20	50
GP2060S	48 10 8	121 4 28	2.0	3.0	7.0	.50	1,000	300	100	50	20	20
GP2061S	48 10 8	121 4 9	2.0	2.0	10.0	1.00	1,000	500	150	50	30	20
GP2062S	48 12 9	121 19 30	3.0	2.0	10.0	1.00	1,500	300	300	70	30	50
GP2063S	48 20 5	121 9 41	2.0	3.0	5.0	.70	1,500	150	300	100	20	20
GP2064S	48 20 7	121 9 36	1.5	3.0	5.0	.70	700	150	150	50	20	20
GP2065S	48 19 47	121 9 25	2.0	3.0	5.0	1.00	1,500	200	200	100	20	20
GP2066S	48 19 43	121 9 15	2.0	3.0	10.0	1.00	1,500	500	300	100	30	30
GP2067S	48 19 11	121 9 41	2.0	3.0	10.0	.70	1,000	200	500	100	30	20
GP2068S	48 18 43	121 10 24	2.0	2.0	10.0	>1.00	1,500	300	700	100	20	20
GP2069S	48 18 19	121 11 12	2.0	2.0	7.0	1.00	1,000	300	300	100	20	20
GP2070S	48 17 32	121 12 0	2.0	3.0	7.0	1.00	1,000	300	300	100	20	30
GP2071S	48 9 5	121 4 33	1.5	1.5	5.0	.70	700	300	70	20	20	20
GP2072S	48 9 25	121 5 10	1.5	2.0	5.0	.50	700	200	70	20	15	15
GP2073S	48 2 27	121 3 2	2.0	3.0	7.0	.50	1,000	300	200	50	20	30
GP2074S	48 1 36	121 1 33	1.5	2.0	5.0	.70	700	300	150	30	15	20
GP2075S	48 6 38	121 2 0	2.0	2.0	7.0	.70	1,000	300	150	50	30	20
GP2076S	48 7 32	121 2 22	2.0	2.0	15.0	1.00	1,000	500	150	70	50	20
GP2077S	48 12 11	121 4 31	2.0	2.0	5.0	.30	700	200	150	50	20	15
GP2078S	48 12 32	121 7 44	2.0	2.0	5.0	.50	1,000	200	150	50	20	15
GP2079S	48 18 13	121 5 11	10.0	1.5	10.0	.50	1,000	300	2,000	1,000	70	15
GP2080S	48 15 12	121 5 33	1.5	3.0	5.0	.70	500	100	70	30	15	15
GP2081S	48 16 38	121 4 24	1.0	2.0	3.0	.50	700	70	70	20	10	10
GP2082S	48 16 56	121 6 9	2.0	3.0	5.0	.70	700	150	200	100	20	15
GP2083S	48 16 45	121 6 1	1.5	3.0	5.0	.70	500	100	100	20	15	15
GP2084S	48 15 52	121 1 32	1.5	2.0	3.0	.30	500	100	150	50	15	10
GP2085S	48 16 29	121 2 5	1.5	3.0	5.0	.20	700	150	20	10	10	20
GP2086S	48 14 35	120 44 56	2.0	3.0	10.0	.50	700	200	70	30	30	20
GP2087S	48 15 0	120 44 48	2.0	5.0	7.0	.50	700	200	70	30	20	20
GP2088S	48 15 32	120 44 43	1.5	1.5	5.0	.30	500	150	100	30	20	15
GP2089S	48 15 55	120 44 27	1.0	1.0	3.0	.30	500	70	50	15	10	10
GP2090S	48 15 52	120 44 24	1.5	2.0	5.0	.50	500	150	50	20	15	15
GP2091S	48 13 13	121 12 11	1.0	1.5	3.0	.50	700	200	100	30	15	20
GP2092S	48 8 4	121 3 7	2.0	3.0	7.0	.70	700	300	70	50	30	20
GP2093S	48 10 27	121 2 8	1.5	2.0	5.0	.50	700	200	70	30	20	15
GP2094S	48 10 54	121 3 8	2.0	3.0	7.0	.50	700	300	70	50	30	15
GP2095S	48 11 57	121 3 59	1.5	2.0	5.0	.50	500	200	50	30	15	15
GP2096S	48 20 57	121 9 49	1.0	2.0	3.0	.30	300	100	50	15	10	7

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Cu-ppm s	Mo-ppm s	W-ppm cm	Bi-ppm s	Au-ppm aa	Pb-ppm s	Ag-ppm s	Zn-ppm aa	Zn-ppm s	As-ppm s	B-ppm s	Be-ppm s	Sr-ppm s
GP2052S	20	N	--	N	N	15	N	--	N	N	30	1.0	500
GP2053S	30	N	--	N	N	20	N	--	N	N	30	1.5	500
GP2054S	20	N	--	N	N	15	N	--	N	N	150	1.0	500
GP2055S	15	N	--	N	N	15	N	--	N	N	100	1.0	500
GP2056S	20	N	--	N	N	20	N	--	N	N	70	1.0	500
GP2057S	20	N	--	N	N	15	N	--	N	N	30	1.0	500
GP2058S	30	N	--	N	<.002	30	N	--	N	N	100	1.0	500
GP2059S	20	N	--	N	<.002	20	N	--	N	N	200	1.0	500
GP2060S	20	N	--	N	N	15	N	--	N	N	20	1.0	700
GP2061S	20	N	--	N	.003	20	N	--	N	N	20	1.0	700
GP2062S	50	N	--	N	N	15	N	--	N	N	50	<1.0	500
GP2063S	70	N	--	N	N	15	N	--	N	N	50	1.0	300
GP2064S	50	N	--	N	N	20	N	--	N	N	30	1.5	700
GP2065S	150	N	--	N	N	15	N	--	N	N	20	1.0	500
GP2066S	30	N	--	N	<.002	10	N	--	N	N	15	<1.0	500
GP2067S	50	N	--	N	<.002	15	N	--	N	N	20	1.0	500
GP2068S	30	N	--	N	<.002	<10	N	--	N	N	10	<1.0	300
GP2069S	20	N	--	N	N	<10	N	--	N	N	15	<1.0	300
GP2070S	30	N	--	N	N	<10	N	--	N	N	10	<1.0	300
GP2071S	10	N	--	N	.002	10	N	--	<200	N	15	1.0	300
GP2072S	10	N	--	N	N	<10	N	--	N	N	15	1.0	300
GP2073S	10	N	--	N	.002	10	N	--	N	N	10	<1.0	500
GP2074S	30	N	--	N	.003	10	N	--	N	N	100	1.0	300
GP2075S	15	N	--	N	N	10	N	--	N	N	20	<1.0	500
GP2076S	20	N	--	N	N	N	N	--	200	N	20	N	300
GP2077S	30	N	--	N	<.002	15	N	--	N	N	15	<1.0	500
GP2078S	20	N	--	N	N	20	N	--	200	N	15	1.0	500
GP2079S	15	N	--	N	<.002	15	N	--	N	N	20	N	100
GP2080S	10	N	--	N	.020	20	N	--	N	N	20	1.0	500
GP2081S	10	N	--	N	.008	30	N	--	N	N	50	1.0	300
GP2082S	20	N	--	N	.006	15	N	--	N	N	20	<1.0	300
GP2083S	10	N	--	N	.008	15	N	--	N	N	20	<1.0	700
GP2084S	15	N	--	N	<.002	15	N	--	N	N	30	<1.0	500
GP2085S	20	N	--	N	.002	15	N	--	N	N	50	<1.0	300
GP2086S	20	N	--	N	<.002	10	N	--	N	N	20	N	500
GP2087S	20	N	--	N	<.002	10	N	--	N	N	20	<1.0	500
GP2088S	20	N	--	N	.003	15	N	--	N	N	30	<1.0	300
GP2089S	20	N	--	N	<.002	15	N	--	N	N	20	1.0	300
GP2090S	15	N	--	N	<.002	10	N	--	N	N	20	<1.0	500
GP2091S	30	N	--	N	.002	30	N	--	N	N	100	1.0	300
GP2092S	20	N	--	N	N	10	N	--	N	N	20	<1.0	500
GP2093S	50	N	--	N	.005	15	N	--	N	N	15	1.0	500
GP2094S	20	N	--	N	N	10	N	--	N	N	15	N	500
GP2095S	15	N	--	N	N	10	N	--	N	N	15	<1.0	300
GP2096S	15	N	--	N	.003	15	N	--	N	N	15	1.0	500

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Ba-ppm s	La-ppm s	Y-ppm s	Zr-ppm s
GP2052S	300	70	50	100
GP2053S	300	20	50	150
GP2054S	300	20	30	70
GP2055S	300	N	50	100
GP2056S	300	50	30	150
GP2057S	300	N	50	200
GP2058S	300	20	50	150
GP2059S	300	20	70	200
GP2060S	500	20	10	70
GP2061S	300	N	15	150
GP2062S	300	N	50	200
GP2063S	300	30	30	100
GP2064S	500	70	30	150
GP2065S	300	50	30	150
GP2066S	300	N	20	200
GP2067S	500	20	30	150
GP2068S	200	N	30	200
GP2069S	300	N	30	150
GP2070S	300	20	30	100
GP2071S	300	20	15	100
GP2072S	200	20	15	100
GP2073S	300	20	20	30
GP2074S	200	20	30	50
GP2075S	200	N	20	150
GP2076S	300	N	20	150
GP2077S	300	N	15	150
GP2078S	700	20	20	70
GP2079S	150	N	10	70
GP2080S	1,000	20	20	150
GP2081S	1,000	30	15	100
GP2082S	500	20	20	100
GP2083S	700	30	30	100
GP2084S	700	20	15	100
GP2085S	300	20	20	100
GP2086S	300	N	20	70
GP2087S	300	N	20	100
GP2088S	300	30	20	200
GP2089S	700	50	20	100
GP2090S	300	30	20	100
GP2091S	500	30	20	70
GP2092S	300	N	15	150
GP2093S	500	20	20	100
GP2094S	300	N	15	100
GP2095S	300	N	15	100
GP2096S	500	30	<10	70

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Latitude	Longitude	Mg-pct.	Ca-pct.	Fe-pct.	Ti-pct.	Mn-ppm	V-ppm	Cr-ppm	Ni-ppm	Co-ppm	Sc-ppm
			s	s	s	s	s	s	s	s	s	s
GP2097S	48 20 55	121 9 55	.7	2.0	2.0	.50	500	70	30	15	5	7
GP2098S	48 20 33	121 9 38	1.0	2.0	3.0	.70	700	100	70	30	10	15
GP2099S	48 20 44	121 5 25	5.0	3.0	7.0	.70	1,000	300	500	300	30	30
GP20S	48 5 0	120 51 58	5.0	5.0	10.0	>1.00	2,000	500	300	70	50	50
GP2100S	48 20 48	121 6 20	2.0	3.0	5.0	1.00	700	150	150	70	15	20
GP2101S	48 20 48	121 6 26	2.0	3.0	5.0	1.00	700	100	150	100	20	20
GP2102S	48 20 31	121 6 30	2.0	5.0	7.0	.30	1,000	300	100	50	30	30
GP2103S	48 20 30	121 6 46	2.0	5.0	7.0	.50	1,000	300	150	70	30	30
GP2104S	48 22 40	121 11 34	1.0	2.0	5.0	.50	500	100	30	15	10	15
GP2105S	48 22 42	121 11 40	.5	2.0	3.0	.30	300	70	20	5	5	7
GP2106S	48 23 18	121 11 45	.7	2.0	3.0	.30	300	100	20	10	7	7
GP2107S	48 23 20	121 11 55	.7	2.0	5.0	.20	500	150	50	10	10	10
GP2108S	48 10 47	120 46 51	2.0	3.0	5.0	.50	1,000	150	300	70	20	20
GP2109S	48 10 47	120 46 46	2.0	3.0	5.0	.30	1,000	200	150	50	30	20
GP2111S	48 15 36	120 51 13	1.5	2.0	3.0	.30	1,000	100	50	15	10	15
GP2112S	48 15 32	120 51 11	3.0	3.0	7.0	1.00	1,500	300	150	50	50	30
GP2113S	48 19 2	120 46 56	3.0	3.0	5.0	.70	1,000	200	70	30	30	20
GP2114S	48 19 12	120 46 51	2.0	2.0	5.0	.70	1,000	150	100	70	20	15
GP2115S	48 10 30	120 42 32	2.0	3.0	5.0	.50	1,000	150	30	20	20	15
GP2116S	48 11 20	120 49 5	2.0	2.0	5.0	.50	1,000	200	100	50	20	20
GP2117S	48 14 3	120 50 5	3.0	3.0	7.0	.70	1,500	300	70	30	30	30
GP2118S	48 13 4	120 49 3	2.0	2.0	5.0	.70	1,000	300	100	30	15	20
GP2119S	48 13 24	120 49 13	2.0	2.0	10.0	.70	2,000	300	30	20	20	30
GP2120S	48 13 24	120 49 25	3.0	3.0	7.0	1.00	2,000	300	100	50	30	30
GP2121S	48 13 26	120 49 20	1.5	1.5	10.0	.50	1,500	300	50	20	20	30
GP2122S	48 18 33	120 51 54	2.0	1.5	5.0	.50	700	200	150	70	20	15
GP2123S	48 18 30	120 52 0	2.0	1.5	5.0	.50	1,000	150	150	70	20	20
GP2125S	48 21 5	120 54 21	2.0	1.5	7.0	.70	1,000	200	150	70	20	15
GP2126S	48 21 36	120 53 21	1.5	1.5	5.0	.70	700	150	70	20	15	15
GP2127S	48 22 17	120 54 40	1.0	1.0	3.0	.50	300	100	50	20	15	7
GP2128S	48 23 3	121 1 26	1.5	1.5	5.0	.50	1,000	200	70	30	20	20
GP2129S	48 23 2	121 1 23	2.0	2.0	7.0	.70	1,000	300	100	100	50	20
GP2130S	48 25 2	120 56 40	2.0	2.0	5.0	.50	700	200	200	100	20	15
GP2131S	48 25 28	120 54 40	1.5	1.5	3.0	.70	700	100	100	50	15	10
GP2132S	48 25 43	120 54 48	1.5	1.5	2.0	.50	500	70	100	30	10	10
GP2134S	48 24 50	120 59 22	2.0	2.0	5.0	.70	1,000	150	200	100	20	20
GP2135S	48 24 55	120 59 22	1.5	1.5	5.0	.50	700	200	150	50	15	20
GP2136S	48 24 56	120 59 10	2.0	1.5	3.0	.30	1,000	150	150	70	20	15
GP2137S	48 24 11	120 58 31	1.5	1.5	5.0	.50	700	150	150	70	20	15
GP2138S	48 24 0	120 58 58	2.0	2.0	7.0	.70	1,000	300	150	70	20	30
GP2139S	48 13 14	120 37 15	1.5	2.0	5.0	1.00	1,000	200	100	30	15	15
GP2140S	48 14 0	120 37 40	2.0	2.0	3.0	.50	700	100	150	50	15	15
GP2141S	48 15 38	120 37 57	2.0	3.0	5.0	1.00	1,000	200	150	70	20	20
GP2142S	48 16 15	120 38 32	2.0	2.0	5.0	.70	700	150	150	70	20	15
GP2143S	48 16 26	120 38 41	2.0	2.0	3.0	.50	700	100	150	70	15	15

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Cu-ppm s	Mo-ppm s	W-ppm cm	Bi-ppm s	Au-ppm aa	Pb-ppm s	Ag-ppm s	Zn-ppm aa	Zn-ppm s	As-ppm s	B-ppm s	Be-ppm s	Sr-ppm s
GP2097S	100	7	--	N	N	15	N	--	N	N	15	1.0	500
GP2098S	20	N	--	N	N	10	N	--	N	N	10	1.5	500
GP2099S	15	N	--	N	<.002	10	N	--	N	N	10	N	300
GP20S	100	N	N	N	N	10	N	30	N	N	10	N	300
GP2100S	20	N	--	N	N	10	N	--	N	N	10	<1.0	300
GP2101S	20	N	--	N	N	15	N	--	N	N	<10	<1.0	300
GP2102S	30	N	--	N	.003	<10	N	--	N	N	<10	N	300
GP2103S	20	N	--	N	N	N	N	--	N	N	10	N	300
GP2104S	20	N	--	N	N	30	.7	--	N	N	10	<1.0	700
GP2105S	50	7	--	N	N	20	N	--	N	N	10	1.0	500
GP2106S	50	7	--	N	N	20	N	--	N	N	10	1.0	500
GP2107S	50	10	--	N	.008	10	N	--	N	N	<10	1.0	300
GP2108S	30	N	--	N	<.002	<10	N	--	N	N	<10	<1.0	500
GP2109S	50	N	--	N	<.002	<10	N	--	N	N	10	<1.0	300
GP2111S	30	7	--	N	.006	20	N	--	N	N	30	<1.0	200
GP2112S	50	N	--	N	<.002	15	N	--	200	N	30	N	500
GP2113S	20	N	--	N	.030	10	N	--	N	N	15	<1.0	700
GP2114S	30	N	--	N	<.002	10	N	--	N	N	10	<1.0	500
GP2115S	10	N	--	N	N	<10	N	--	N	N	10	<1.0	500
GP2116S	30	N	--	N	N	<10	N	--	N	N	10	<1.0	500
GP2117S	50	N	--	N	N	30	N	--	200	N	20	<1.0	500
GP2118S	50	N	--	N	.002	20	N	--	300	N	70	1.0	300
GP2119S	70	N	--	N	.003	20	N	--	300	N	20	<1.0	200
GP2120S	70	N	--	N	<.002	50	N	--	300	N	100	<1.0	300
GP2121S	50	N	--	N	.003	10	N	--	N	N	100	N	200
GP2122S	50	N	--	N	.003	10	N	--	N	N	50	<1.0	300
GP2123S	50	N	--	N	.007	20	N	--	N	N	50	<1.0	200
GP2125S	70	N	--	N	<.002	15	.5	--	N	N	200	<1.0	300
GP2126S	20	N	--	N	<.002	10	N	--	N	N	100	<1.0	300
GP2127S	20	5	--	N	.002	15	5.0	--	N	N	70	<1.0	300
GP2128S	50	N	--	N	.030	10	N	--	<200	N	100	<1.0	300
GP2129S	70	N	--	N	.040	10	N	--	200	300	150	N	300
GP2130S	70	N	--	N	<.002	10	N	--	N	N	150	1.0	500
GP2131S	15	N	--	N	N	10	N	--	N	N	20	1.0	300
GP2132S	15	N	--	N	.002	15	N	--	N	N	20	1.0	500
GP2134S	50	N	--	N	<.002	20	N	--	N	N	70	1.0	500
GP2135S	30	N	--	N	.002	10	N	--	N	N	100	<1.0	300
GP2136S	100	7	--	N	.005	50	<.5	--	200	N	200	1.0	500
GP2137S	100	5	--	N	.002	30	N	--	300	N	500	1.0	500
GP2138S	100	N	--	N	.010	10	N	--	N	N	100	N	300
GP2139S	20	N	--	N	N	10	N	--	N	N	10	<1.0	500
GP2140S	20	N	--	N	N	10	N	--	N	N	10	1.0	500
GP2141S	30	N	--	N	.003	10	N	--	N	N	<10	<1.0	700
GP2142S	20	N	--	N	<.002	15	N	--	N	N	10	1.0	700
GP2143S	20	N	--	N	<.002	10	N	--	N	N	<10	<1.0	700

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Ba-ppm s	La-ppm s	Y-ppm s	Zr-ppm s
GP2097S	500	50	15	50
GP2098S	300	50	20	100
GP2099S	300	N	20	100
GP20S	150	N	30	50
GP2100S	700	50	30	100
GP2101S	500	30	30	150
GP2102S	200	N	20	100
GP2103S	200	N	20	150
GP2104S	500	30	15	100
GP2105S	700	50	15	100
GP2106S	700	50	15	100
GP2107S	300	30	20	150
GP2108S	300	N	30	70
GP2109S	300	20	50	70
GP2111S	300	N	20	70
GP2112S	300	20	20	50
GP2113S	500	20	20	100
GP2114S	500	30	20	200
GP2115S	300	20	20	100
GP2116S	500	N	20	100
GP2117S	500	N	20	50
GP2118S	500	N	30	100
GP2119S	300	N	30	70
GP2120S	300	N	20	100
GP2121S	200	N	30	50
GP2122S	500	20	15	100
GP2123S	300	N	20	70
GP2125S	700	20	20	300
GP2126S	700	20	20	300
GP2127S	300	20	10	300
GP2128S	500	20	20	70
GP2129S	700	N	20	70
GP2130S	500	30	20	200
GP2131S	500	30	20	100
GP2132S	500	20	15	150
GP2134S	700	30	20	100
GP2135S	300	20	20	100
GP2136S	500	20	10	70
GP2137S	500	20	10	100
GP2138S	500	20	20	100
GP2139S	500	70	30	500
GP2140S	500	50	20	200
GP2141S	500	70	30	300
GP2142S	500	50	20	150
GP2143S	500	50	20	100

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Latitude	Longitude	Mg-pct. s	Ca-pct. s	Fe-pct. s	Ti-pct. s	Mn-ppm s	V-ppm s	Cr-ppm s	Ni-ppm s	Co-ppm s	Sc-ppm s
GP2144S	48 17 16	120 39 21	2.0	2.0	3.0	.70	700	100	150	70	15	15
GP2145S	48 19 19	121 15 18	2.0	2.0	7.0	.50	700	200	100	30	20	20
GP2149S	48 21 56	121 19 14	3.0	3.0	7.0	.50	1,000	300	200	50	30	30
GP2150S	48 21 10	121 20 8	2.0	2.0	5.0	.70	1,000	150	200	70	20	20
GP2151S	48 19 55	121 16 55	3.0	3.0	7.0	.50	1,000	300	200	50	30	30
GP2152S	48 19 7	121 8 22	2.0	2.0	5.0	1.00	1,000	200	300	70	20	20
GP2153S	48 20 16	121 7 16	3.0	2.0	7.0	.70	1,000	200	1,000	300	50	20
GP2154S	48 20 19	121 7 12	2.0	3.0	5.0	.50	1,000	300	200	100	30	30
GP2155S	48 16 52	121 4 35	1.5	2.0	7.0	1.00	1,000	300	150	50	20	20
GP2156S	48 16 48	121 4 37	1.5	2.0	3.0	.70	1,000	200	100	30	15	20
GP2157	48 26 10	121 3 41	1.5	2.0	5.0	.50	1,000	150	150	50	15	20
GP2158	48 26 13	121 3 40	2.0	1.5	5.0	.50	1,000	150	100	30	15	20
GP2159	48 26 31	121 3 56	3.0	2.0	7.0	.70	1,500	200	200	50	20	20
GP2160	48 26 32	121 4 13	3.0	2.0	10.0	.50	1,000	200	200	50	20	20
GP2161	48 26 39	121 4 59	2.0	2.0	5.0	.50	1,000	100	100	30	10	20
GP2162	48 26 33	121 5 14	5.0	2.0	7.0	1.00	1,000	200	1,000	300	30	20
GP2163	48 26 35	121 5 40	5.0	2.0	10.0	1.00	1,500	200	500	200	20	15
GP2164	48 26 18	121 6 5	2.0	1.5	10.0	.50	1,000	200	200	70	15	20
GP2165	48 2 11	121 5 59	3.0	3.0	7.0	.70	1,500	200	150	30	15	20
GP2166	48 6 15	120 44 12	5.0	3.0	10.0	1.00	1,500	200	200	50	20	20
GP2167	48 6 41	120 42 59	3.0	3.0	10.0	1.00	1,500	200	50	20	15	20
GP2168	48 18 27	120 44 12	5.0	2.0	10.0	1.00	1,500	200	200	100	20	20
GP2169	48 28 42	121 20 11	1.5	2.0	3.0	.30	700	70	70	15	10	15
GP2170	48 28 42	121 20 8	1.5	2.0	3.0	.50	1,000	100	70	15	7	15
GP2171	48 29 26	121 20 59	1.5	3.0	5.0	.70	1,000	150	70	20	10	20
GP2172	48 29 33	121 21 5	1.5	2.0	5.0	.50	700	100	70	20	7	10
GP2173	48 29 54	121 21 25	1.5	1.5	5.0	.50	1,500	150	100	50	15	15
GP2174	48 25 28	121 15 51	.7	2.0	2.0	.30	300	50	50	7	N	<5
GP2175	48 25 21	121 15 44	1.5	2.0	3.0	.30	1,000	70	50	20	10	5
GP2176	48 26 36	121 16 9	1.0	1.5	3.0	.50	700	70	15	5	7	7
GP2177	48 25 21	121 22 20	1.0	2.0	2.0	.30	1,000	50	50	10	7	15
GP2178	48 27 32	121 18 30	1.5	3.0	3.0	.30	700	100	100	20	10	20
GP2179	48 27 0	121 21 6	1.0	2.0	2.0	.50	700	50	50	15	10	10
GP2180	48 29 10	121 16 55	2.0	3.0	5.0	.70	1,000	200	50	15	10	20
GP2181	48 26 31	121 6 16	5.0	2.0	10.0	>1.00	1,500	200	500	300	30	20
GP2182	48 26 21	121 6 10	2.0	2.0	7.0	.70	1,000	200	200	50	20	20
GP2183	48 26 25	121 6 11	2.0	2.0	10.0	.70	1,000	200	200	50	20	20
GP2184	48 25 29	121 5 12	2.0	1.5	10.0	.70	1,000	200	200	100	20	20
GP2185	48 23 50	121 6 38	2.0	2.0	5.0	.70	1,000	150	150	50	15	20
GP2186	48 23 45	121 6 48	2.0	2.0	5.0	.70	1,500	150	100	50	15	20
GP2187	48 22 55	121 13 6	1.0	2.0	3.0	.20	500	100	30	5	5	7
GP2188	48 22 53	121 9 43	2.0	2.0	5.0	1.00	1,000	100	150	20	10	10
GP2189	48 23 52	121 11 24	2.0	2.0	10.0	.30	1,000	200	30	10	15	15
GP2190	48 25 56	121 12 22	1.0	2.0	10.0	.70	1,500	300	50	7	7	10
GP2191	48 24 22	121 8 35	1.5	1.5	5.0	.50	1,000	150	70	20	10	10

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Cu-ppm s	Mo-ppm s	W-ppm cm	Bi-ppm s	Au-ppm aa	Pb-ppm s	Ag-ppm s	Zn-ppm aa	Zn-ppm s	As-ppm s	B-ppm s	Be-ppm s	Sr-ppm s
GP2144S	30	N	--	N	<.002	<10	N	--	N	N	10	1.0	700
GP2145S	20	N	--	N	N	10	N	--	N	N	30	<1.0	500
GP2149S	15	N	--	N	.100	10	N	--	N	N	20	N	500
GP2150S	50	N	--	N	.060	30	3.0	--	N	N	20	<1.0	200
GP2151S	20	N	--	N	.003	10	N	--	N	N	20	N	500
GP2152S	20	N	--	N	N	15	N	--	N	N	30	1.0	300
GP2153S	20	N	--	N	N	<10	N	--	N	N	15	<1.0	300
GP2154S	20	N	--	N	N	<10	N	--	N	N	<10	<1.0	500
GP2155S	15	N	--	N	N	20	N	--	N	N	10	N	300
GP2156S	15	N	--	N	N	15	N	--	N	N	15	<1.0	500
GP2157	15	N	--	N	.040	10	N	--	N	N	50	N	300
GP2158	20	N	--	N	.004	15	N	--	N	N	70	N	300
GP2159	70	N	--	N	.003	30	N	--	N	N	100	1.0	500
GP2160	50	N	--	N	.020	10	N	--	N	N	100	<1.0	300
GP2161	20	N	--	N	.020	20	N	--	N	N	50	N	200
GP2162	70	N	--	N	.009	50	N	--	200	N	100	1.5	300
GP2163	50	N	--	N	<.002	30	N	--	N	N	200	1.0	300
GP2164	50	N	--	N	.020	20	N	--	N	N	70	1.0	300
GP2165	50	N	--	N	N	15	N	--	N	N	20	1.0	500
GP2166	30	N	--	N	N	15	N	--	<200	N	20	<1.0	500
GP2167	10	N	--	N	N	15	N	--	N	N	50	1.0	500
GP2168	30	N	--	N	N	30	N	--	N	N	10	1.0	500
GP2169	5	N	--	N	N	20	N	--	N	N	15	2.0	500
GP2170	5	N	--	N	N	20	N	--	N	N	15	2.0	500
GP2171	10	N	--	N	N	30	N	--	N	N	20	2.0	500
GP2172	15	N	--	N	N	20	N	--	N	N	20	2.0	300
GP2173	50	N	--	N	.002	20	N	--	<200	N	100	1.5	300
GP2174	7	N	--	N	N	20	N	--	N	N	<10	1.5	700
GP2175	20	N	--	N	<.002	100	N	--	N	N	10	2.0	500
GP2176	<5	N	--	N	N	20	N	--	N	N	<10	2.0	500
GP2177	7	N	--	N	N	20	N	--	N	N	15	2.0	500
GP2178	10	N	--	N	N	20	N	--	N	N	15	2.0	500
GP2179	5	N	--	N	N	50	N	--	N	N	10	2.0	500
GP2180	20	N	--	N	N	30	N	--	N	N	10	1.0	500
GP2181	70	N	--	N	<.002	20	N	--	N	N	150	1.0	300
GP2182	50	N	--	N	.010	20	N	--	N	N	70	1.0	300
GP2183	30	N	--	N	.030	15	N	--	N	N	70	N	300
GP2184	50	N	--	N	.020	15	N	--	N	N	70	<1.0	300
GP2185	20	N	--	N	.030	10	N	--	N	N	70	1.0	300
GP2186	50	N	--	N	<.002	10	N	--	N	N	<10	1.5	300
GP2187	50	10	--	N	N	10	N	--	N	N	<10	1.5	500
GP2188	30	N	--	N	.004	100	N	--	200	N	10	1.0	500
GP2189	200	30	--	N	N	30	N	--	N	N	<10	<1.0	300
GP2190	50	N	--	N	N	15	N	--	N	N	<10	<1.0	500
GP2191	50	N	--	N	<.002	30	.5	--	200	N	30	2.0	300

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Ba-ppm s	La-ppm s	Y-ppm s	Zr-ppm s
GP2144S	500	30	20	100
GP2145S	200	N	20	50
GP2149S	150	N	20	100
GP2150S	150	N	15	70
GP2151S	300	N	30	100
GP2152S	500	N	20	150
GP2153S	300	N	20	100
GP2154S	200	20	20	70
GP2155S	300	70	30	500
GP2156S	500	20	30	150
GP2157	200	20	30	150
GP2158	200	N	50	200
GP2159	500	30	30	150
GP2160	200	N	50	100
GP2161	200	N	50	100
GP2162	500	N	20	100
GP2163	500	N	30	150
GP2164	500	30	50	100
GP2165	500	N	30	70
GP2166	500	N	20	150
GP2167	500	100	30	200
GP2168	500	50	30	200
GP2169	700	150	30	200
GP2170	500	150	20	200
GP2171	500	50	30	200
GP2172	500	20	15	100
GP2173	1,000	200	50	100
GP2174	700	20	N	70
GP2175	1,000	N	<10	100
GP2176	700	100	15	500
GP2177	500	150	30	300
GP2178	500	150	30	300
GP2179	500	20	20	100
GP2180	300	N	20	100
GP2181	500	30	30	100
GP2182	300	N	50	100
GP2183	200	N	30	100
GP2184	200	N	30	150
GP2185	300	N	20	100
GP2186	500	70	30	150
GP2187	300	N	10	100
GP2188	300	N	10	150
GP2189	300	N	20	300
GP2190	300	100	20	200
GP2191	500	20	20	100

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Latitude	Longitude	Mg-pct.	Ca-pct.	Fe-pct.	Ti-pct.	Mn-ppm	V-ppm	Cr-ppm	Ni-ppm	Co-ppm	Sc-ppm
			s	s	s	s	s	s	s	s	s	s
GP2192	48 24 15	121 8 48	1.0	2.0	2.0	.70	500	70	30	15	7	5
GP2193	48 24 17	121 8 48	3.0	2.0	5.0	1.00	1,000	100	500	70	20	10
GP2194	48 27 37	121 10 34	5.0	1.5	10.0	1.00	1,500	200	500	150	50	20
GP2195	48 27 9	121 6 46	5.0	1.5	10.0	>1.00	1,500	300	500	150	30	20
GP2196	48 22 17	121 5 5	2.0	2.0	3.0	.70	1,500	100	100	30	10	10
GP2197	48 22 11	121 5 5	5.0	5.0	5.0	.70	1,500	200	500	100	15	15
GP2198	48 27 29	121 2 14	2.0	1.0	5.0	.50	1,000	150	150	50	15	15
GP2199	48 27 36	121 2 33	3.0	2.0	7.0	.70	1,000	200	200	70	20	20
GP21S	48 11 25	120 57 11	2.0	2.0	7.0	1.00	1,000	150	100	20	30	15
GP2200	48 20 21	121 1 30	3.0	2.0	7.0	1.00	1,500	200	300	150	20	15
GP2201	48 21 39	121 0 15	3.0	3.0	10.0	1.00	1,500	300	150	50	20	30
GP2202	48 25 12	121 0 20	2.0	2.0	5.0	.70	1,000	150	100	30	10	20
GP2203	48 25 14	121 0 19	3.0	2.0	5.0	.50	1,000	200	200	100	20	15
GP2204	48 23 19	120 52 36	2.0	2.0	5.0	.50	1,000	100	70	20	10	10
GP2205	48 22 33	121 2 18	2.0	3.0	10.0	>1.00	2,000	300	100	20	30	20
GP2206	48 23 0	121 0 51	3.0	2.0	7.0	1.00	1,500	200	200	50	20	20
GP2207	48 23 19	121 3 9	3.0	2.0	10.0	1.00	1,500	300	300	70	20	20
GP2208	48 26 59	120 59 22	2.0	2.0	5.0	.70	1,500	200	200	50	15	15
GP2209	48 24 17	121 12 0	3.0	2.0	5.0	.70	1,000	150	200	50	15	15
GP2210	48 25 50	121 20 27	1.0	2.0	1.0	.20	500	50	20	5	N	N
GP2211	48 22 8	121 22 59	3.0	2.0	10.0	1.00	1,500	200	300	100	20	20
GP22S	48 4 34	120 51 25	2.0	1.5	7.0	.70	1,000	200	50	20	20	50
GP23S	48 4 34	120 51 19	3.0	5.0	5.0	1.00	1,000	200	200	50	30	50
GP24S	48 4 1	120 50 56	2.0	3.0	5.0	1.00	1,000	100	300	50	50	50
GP2500S	48 15 48	120 47 34	1.5	2.0	5.0	.50	700	200	30	20	15	15
GP2501S	48 15 49	120 47 27	3.0	3.0	10.0	.70	1,000	300	150	30	30	20
GP2502S	48 15 52	120 47 22	1.0	1.5	5.0	.30	700	150	70	20	20	15
GP2503S	48 16 9	120 47 22	1.0	1.5	3.0	.30	500	100	30	15	15	15
GP2504S	48 16 11	120 47 25	1.5	3.0	5.0	.50	700	200	70	30	20	20
GP2505S	48 16 34	120 47 25	1.0	1.5	3.0	.30	300	70	20	10	7	10
GP2506S	48 17 11	120 47 34	1.5	2.0	5.0	.50	700	200	30	20	20	15
GP2507S	48 17 34	120 47 51	2.0	2.0	7.0	.70	700	300	50	20	20	20
GP2508S	48 18 32	120 47 18	3.0	3.0	5.0	.70	700	200	100	50	20	15
GP2509S	48 13 18	120 56 3	1.5	2.0	5.0	.30	700	150	30	20	15	15
GP2510S	48 13 18	120 56 0	1.5	2.0	5.0	.30	700	150	70	15	15	15
GP2511S	48 13 28	120 55 53	1.5	2.0	5.0	.50	700	200	20	20	20	20
GP2512S	48 23 27	121 19 31	1.0	3.0	5.0	.20	500	150	50	15	10	10
GP2513S	48 23 48	121 20 5	3.0	3.0	7.0	.50	1,000	150	100	20	20	30
GP2514S	48 23 59	121 20 12	1.0	2.0	10.0	.30	500	200	100	15	15	15
GP2515S	48 24 3	121 20 28	1.5	2.0	10.0	.70	700	300	100	30	20	20
GP2516S	48 24 0	121 20 30	3.0	3.0	7.0	.70	700	200	200	50	30	30
GP2517S	48 24 15	121 20 58	1.0	2.0	7.0	.30	500	200	100	15	10	15
GP2518S	48 24 42	121 21 43	1.0	1.5	20.0	.70	1,000	500	200	20	30	15
GP2519S	48 15 19	120 49 49	2.0	2.0	5.0	.30	700	150	70	30	15	15
GP2520S	48 15 19	120 49 53	1.5	2.0	3.0	.30	1,000	150	70	30	30	15

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Cu-ppm s	Mo-ppm s	W-ppm cm	Bi-ppm s	Au-ppm aa	Pb-ppm s	Ag-ppm s	Zn-ppm aa	Zn-ppm s	As-ppm s	B-ppm s	Be-ppm s	Sr-ppm s
GP2192	5	N	--	N	N	20	N	--	N	N	20	1.0	500
GP2193	100	5	--	N	<.002	50	.7	--	N	N	10	1.0	500
GP2194	70	N	--	N	.003	20	N	--	N	N	100	<1.0	500
GP2195	70	N	--	N	N	15	N	--	N	N	10	<1.0	200
GP2196	30	N	--	N	<.002	30	N	--	N	N	15	1.0	300
GP2197	50	N	--	N	.005	15	N	--	N	N	<10	1.0	500
GP2198	70	N	--	N	.006	50	N	--	N	N	150	1.0	300
GP2199	150	N	--	N	.010	50	N	--	N	N	100	1.0	500
GP21S	150	N	70	N	N	20	N	35	N	N	15	<1.0	500
GP2200	50	N	--	N	.004	20	N	--	200	N	50	1.0	300
GP2201	100	N	--	N	.030	20	N	--	N	N	50	<1.0	500
GP2202	30	N	--	N	.004	15	N	--	N	N	70	1.0	500
GP2203	50	N	--	N	.002	20	N	--	N	N	100	1.5	500
GP2204	10	N	--	N	N	10	N	--	N	N	10	1.5	500
GP2205	500	N	--	N	.005	10	5.0	--	N	N	20	N	500
GP2206	100	N	--	N	.020	10	N	--	200	N	200	1.0	500
GP2207	100	N	--	N	.100	20	N	--	200	<200	70	N	300
GP2208	70	N	--	N	.010	15	N	--	N	N	50	1.0	500
GP2209	20	N	--	N	N	15	N	--	N	N	<10	1.0	500
GP2210	<5	N	--	N	N	10	N	--	N	N	10	1.5	500
GP2211	50	N	--	N	.002	10	N	--	<200	N	100	<1.0	300
GP22S	300	N	15	N	.200	20	N	95	N	N	20	1.0	300
GP23S	70	N	N	N	N	15	N	40	N	N	<10	<1.0	300
GP24S	50	N	N	N	N	15	N	20	N	N	10	1.0	500
GP2500S	20	N	--	N	<.002	10	N	--	N	N	20	N	500
GP2501S	50	N	--	N	.004	15	N	--	200	N	20	N	700
GP2502S	30	N	--	N	.005	50	.5	--	500	N	70	1.0	300
GP2503S	10	N	--	N	N	15	N	--	N	N	30	1.0	500
GP2504S	30	N	--	N	.003	15	N	--	N	N	30	<1.0	500
GP2505S	7	N	--	N	N	15	N	--	N	N	30	1.0	300
GP2506S	20	N	--	N	N	10	N	--	N	N	20	1.0	500
GP2507S	20	N	--	N	N	10	N	--	N	N	20	<1.0	500
GP2508S	20	N	--	N	N	15	N	--	N	N	15	<1.0	700
GP2509S	50	N	--	N	.005	30	N	--	N	300	200	1.0	300
GP2510S	50	N	--	N	N	20	N	--	N	N	100	1.0	300
GP2511S	20	N	--	N	<.002	30	N	--	N	N	50	<1.0	300
GP2512S	15	N	--	N	N	10	N	--	N	N	10	1.0	500
GP2513S	20	N	--	N	N	10	N	--	200	N	10	<1.0	300
GP2514S	15	N	--	N	N	10	N	--	N	N	10	<1.0	500
GP2515S	20	N	--	N	N	<10	N	--	N	N	15	N	500
GP2516S	15	N	--	N	.030	10	N	--	N	N	20	N	500
GP2517S	10	N	--	N	<.002	10	N	--	N	N	10	1.0	500
GP2518S	15	N	--	N	<.002	N	N	--	N	N	10	N	300
GP2519S	50	N	--	N	.002	20	N	--	N	N	50	<1.0	300
GP2520S	50	5	--	N	.006	15	N	--	200	N	20	1.0	300

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Ba-ppm s	La-ppm s	Y-ppm s	Zr-ppm s
GP2192	500	N	15	100
GP2193	500	20	15	100
GP2194	500	100	50	150
GP2195	150	N	20	100
GP2196	500	70	50	200
GP2197	500	70	30	70
GP2198	200	30	30	100
GP2199	300	30	30	100
GP21S	200	N	20	300
GP2200	300	30	50	100
GP2201	300	20	50	100
GP2202	300	N	30	100
GP2203	500	30	20	200
GP2204	500	20	30	150
GP2205	200	N	20	100
GP2206	500	N	30	150
GP2207	500	50	30	100
GP2208	500	20	20	100
GP2209	500	N	10	100
GP2210	1,000	N	N	70
GP2211	500	N	20	150
GP22S	500	20	30	200
GP23S	200	N	30	100
GP24S	700	50	30	150
GP2500S	200	N	15	70
GP2501S	200	N	20	30
GP2502S	500	20	20	70
GP2503S	700	20	20	100
GP2504S	300	N	20	70
GP2505S	700	30	20	100
GP2506S	500	30	20	100
GP2507S	300	20	20	200
GP2508S	700	50	20	150
GP2509S	500	20	20	100
GP2510S	300	20	20	100
GP2511S	300	20	20	100
GP2512S	500	30	15	100
GP2513S	700	20	20	150
GP2514S	300	50	20	150
GP2515S	500	70	20	200
GP2516S	200	N	20	150
GP2517S	300	20	15	150
GP2518S	200	100	30	500
GP2519S	300	20	20	150
GP2520S	500	70	30	70

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Latitude	Longitude	Mg-pct. s	Ca-pct. s	Fe-pct. s	Ti-pct. s	Mn-ppm s	V-ppm s	Cr-ppm s	Ni-ppm s	Co-ppm s	Sc-ppm s
GP2521S	48 15 40	120 49 55	2.0	3.0	7.0	.50	700	200	50	20	20	20
GP2522S	48 16 15	120 50 10	2.0	3.0	5.0	.50	1,000	200	50	20	20	20
GP2523S	48 16 19	120 50 15	3.0	3.0	7.0	.50	1,000	300	70	50	50	30
GP2525S	48 16 49	120 50 0	2.0	2.0	5.0	.50	700	200	100	70	30	20
GP2526S	48 13 46	121 17 42	1.5	2.0	7.0	1.00	1,000	200	100	50	15	30
GP2527S	48 13 8	121 16 59	1.5	2.0	5.0	1.00	1,500	150	70	20	10	20
GP2528S	48 12 48	121 16 49	2.0	2.0	7.0	.70	1,500	200	100	50	15	30
GP2529S	48 12 52	121 16 14	1.5	2.0	5.0	.50	1,000	200	50	20	10	20
GP2530S	48 14 47	121 11 50	1.5	2.0	3.0	.50	700	150	50	30	15	15
GP2531S	48 14 56	121 15 4	1.5	2.0	7.0	>1.00	2,000	300	100	30	15	30
GP2532S	48 14 59	121 17 31	1.5	2.0	5.0	1.00	2,000	200	100	30	15	30
GP2535S	48 16 4	121 13 21	1.5	2.0	3.0	.30	500	150	100	50	15	20
GP2536S	48 15 35	121 13 23	2.0	3.0	7.0	>1.00	1,500	300	300	100	20	30
GP2537S	48 15 41	121 16 27	1.5	2.0	5.0	.70	1,000	200	150	50	15	30
GP2538S	48 15 35	121 16 18	1.5	2.0	5.0	.70	1,000	200	70	20	10	20
GP2539S	48 16 1	121 19 58	1.5	3.0	5.0	.70	1,000	200	70	20	15	20
GP2540S	48 10 12	120 50 13	2.0	3.0	5.0	.50	1,000	200	100	50	20	20
GP2541S	48 18 51	120 47 21	2.0	2.0	5.0	.70	700	200	100	50	20	20
GP2542S	48 7 45	120 38 0	1.0	1.0	5.0	.30	1,500	100	20	15	15	15
GP2544S	48 10 22	120 45 13	2.0	3.0	5.0	.30	700	300	200	100	20	20
GP2545S	48 10 20	120 45 5	3.0	3.0	5.0	.50	1,000	200	200	100	50	30
GP2547S	48 14 11	120 47 23	2.0	2.0	3.0	.50	700	200	150	50	15	15
GP2548S	48 13 28	120 46 40	2.0	2.0	7.0	.70	700	300	150	70	30	20
GP2549S	48 7 12	120 46 53	2.0	3.0	5.0	.50	1,000	300	70	30	20	30
GP2550S	48 16 51	120 53 6	2.0	3.0	7.0	.30	1,000	300	70	30	30	30
GP2551S	48 19 25	120 52 52	1.5	1.5	5.0	.30	700	150	150	70	15	15
GP2552S	48 19 16	120 50 0	1.0	1.5	3.0	.30	500	100	70	30	15	10
GP2553S	48 19 14	120 49 58	1.0	1.5	3.0	.30	500	100	70	30	15	10
GP2554S	48 22 1	120 52 7	1.0	2.0	3.0	.50	700	100	50	15	10	10
GP2555S	48 22 12	120 51 22	1.5	2.0	3.0	.50	700	150	70	50	10	10
GP2556S	48 20 47	120 47 17	1.5	2.0	3.0	.50	700	100	50	30	10	7
GP2557S	48 22 32	120 49 15	1.5	1.5	5.0	.50	700	150	200	100	20	15
GP2558S	48 22 25	120 47 21	2.0	2.0	5.0	.70	700	200	100	50	15	10
GP2559S	48 22 19	120 46 30	2.0	2.0	5.0	.70	500	200	200	100	20	15
GP2560S	48 12 8	120 48 12	2.0	2.0	7.0	1.00	1,000	300	150	50	30	20
GP2564S	48 28 43	121 4 37	1.5	2.0	3.0	.30	700	150	150	50	20	10
GP2565S	48 28 42	121 4 54	2.0	2.0	5.0	1.00	700	300	300	100	20	20
GP2567S	48 12 12	120 48 8	2.0	2.0	10.0	1.00	1,500	300	100	50	50	30
GP2568S	48 18 13	121 16 7	2.0	2.0	7.0	1.00	1,000	300	100	30	20	20
GP2569S	48 21 12	121 14 37	1.0	1.5	7.0	.70	700	200	50	10	20	10
GP2570S	48 22 23	121 9 44	1.5	1.5	5.0	.50	500	100	70	50	15	10
GP2571S	48 21 57	121 19 15	3.0	3.0	7.0	.70	1,000	300	300	50	30	30
GP2572S	48 21 5	121 20 5	3.0	3.0	10.0	.70	1,000	300	300	70	30	30
GP2573S	48 21 6	121 20 39	2.0	2.0	7.0	.70	1,000	300	300	70	30	30
GP2574S	48 18 14	121 6 58	2.0	2.0	5.0	1.00	1,000	200	150	100	30	20

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Cu-ppm s	Mo-ppm s	W-ppm cm	Bi-ppm s	Au-ppm aa	Pb-ppm s	Ag-ppm s	Zn-ppm aa	Zn-ppm s	As-ppm s	B-ppm s	Be-ppm s	Sr-ppm s
GP2521S	30	N	--	N	<.002	<10	N	--	N	N	10	<1.0	300
GP2522S	30	N	--	N	<.002	10	N	--	200	N	15	<1.0	300
GP2523S	100	N	--	N	.002	20	N	--	300	N	50	N	300
GP2525S	50	N	--	N	.008	20	N	--	200	N	50	<1.0	500
GP2526S	20	N	--	N	N	20	N	--	N	N	70	1.0	300
GP2527S	20	N	--	N	N	20	N	--	N	N	70	1.0	500
GP2528S	30	N	--	N	N	20	N	--	N	N	15	1.5	300
GP2529S	15	N	--	N	N	15	N	--	N	N	100	1.0	500
GP2530S	15	N	--	N	N	10	N	--	N	N	50	1.0	500
GP2531S	50	N	--	N	N	10	N	--	N	N	150	N	300
GP2532S	20	N	--	N	<.002	10	N	--	N	N	70	<1.0	300
GP2535S	30	N	--	N	.003	15	N	--	N	N	50	1.0	500
GP2536S	20	N	--	N	.007	N	N	--	N	N	15	<1.0	300
GP2537S	30	N	--	N	.005	10	N	--	N	N	30	<1.0	500
GP2538S	15	N	--	N	.002	15	N	--	N	N	70	1.0	500
GP2539S	20	N	--	N	N	10	N	--	N	N	30	<1.0	500
GP2540S	50	N	--	N	.004	<10	N	--	N	N	20	<1.0	500
GP2541S	20	N	--	N	.003	10	N	--	N	N	10	<1.0	700
GP2542S	70	N	--	N	.010	50	.5	--	500	N	200	1.0	300
GP2544S	30	N	--	N	.005	15	N	--	N	N	10	<1.0	500
GP2545S	50	N	--	N	.003	<10	N	--	N	N	20	1.0	300
GP2547S	30	N	--	N	.004	10	N	--	N	N	100	<1.0	500
GP2548S	50	N	--	N	.005	10	N	--	N	N	70	<1.0	500
GP2549S	50	N	--	N	<.002	10	N	--	N	N	10	<1.0	500
GP2550S	50	N	--	N	.002	15	N	--	<200	N	20	N	500
GP2551S	70	N	--	N	.003	10	N	--	<200	N	50	<1.0	500
GP2552S	50	N	--	N	.002	10	N	--	N	N	30	1.0	300
GP2553S	50	N	--	N	.002	10	N	--	N	N	30	1.0	300
GP2554S	7	N	--	N	N	10	N	--	N	N	20	1.0	500
GP2555S	20	N	--	N	N	10	N	--	N	N	15	1.0	300
GP2556S	15	N	--	N	<.002	15	N	--	N	N	10	1.0	500
GP2557S	20	N	--	N	<.002	10	N	--	N	N	20	<1.0	500
GP2558S	15	N	--	N	N	10	N	--	N	N	10	<1.0	700
GP2559S	50	N	--	N	N	15	N	--	N	N	10	1.0	700
GP2560S	20	N	--	N	N	<10	N	--	N	N	10	N	500
GP2564S	50	5	--	N	<.002	30	N	--	N	N	150	1.0	700
GP2565S	50	N	--	N	.009	30	1.0	--	N	N	100	<1.0	700
GP2567S	50	N	--	N	1.000	30	N	--	N	N	70	N	300
GP2568S	15	N	--	N	N	10	N	--	N	N	15	<1.0	500
GP2569S	200	30	--	10	N	20	.5	--	N	N	20	1.0	500
GP2570S	30	N	--	N	.003	15	N	--	N	N	15	1.0	500
GP2571S	15	N	--	N	N	10	N	--	N	N	20	N	500
GP2572S	20	N	--	N	.007	10	N	--	N	N	10	N	300
GP2573S	30	N	--	N	.002	30	N	--	N	N	15	N	500
GP2574S	20	N	--	N	N	10	N	--	N	N	10	<1.0	300

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Ba-ppm s	La-ppm s	Y-ppm s	Zr-ppm s
GP2521S	300	N	20	100
GP2522S	300	N	20	70
GP2523S	500	N	30	70
GP2525S	500	20	20	100
GP2526S	500	50	50	100
GP2527S	300	70	30	100
GP2528S	300	20	50	150
GP2529S	300	20	30	50
GP2530S	300	20	15	100
GP2531S	200	20	70	100
GP2532S	200	20	70	150
GP2535S	300	20	20	100
GP2536S	300	20	30	200
GP2537S	300	20	30	100
GP2538S	300	N	30	100
GP2539S	300	20	30	100
GP2540S	300	20	15	150
GP2541S	500	20	20	150
GP2542S	500	20	15	100
GP2544S	500	20	20	70
GP2545S	500	20	20	150
GP2547S	700	20	20	100
GP2548S	700	20	20	100
GP2549S	300	20	20	100
GP2550S	300	N	30	70
GP2551S	500	20	15	70
GP2552S	700	50	15	100
GP2553S	700	20	10	100
GP2554S	700	30	15	100
GP2555S	700	N	15	100
GP2556S	500	20	10	150
GP2557S	700	20	20	100
GP2558S	500	20	15	150
GP2559S	700	30	20	150
GP2560S	300	20	20	100
GP2564S	500	20	15	70
GP2565S	500	30	20	100
GP2567S	300	N	30	150
GP2568S	200	N	30	100
GP2569S	300	50	30	150
GP2570S	500	20	10	150
GP2571S	150	N	20	100
GP2572S	150	N	20	150
GP2573S	200	N	15	30
GP2574S	500	N	20	150

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Latitude	Longitude	Mg-pct. s	Ca-pct. s	Fe-pct. s	Ti-pct. s	Mn-ppm s	V-ppm s	Cr-ppm s	Ni-ppm s	Co-ppm s	Sc-ppm s
GP2575S	48 20 18	121 7 37	2.0	2.0	5.0	1.00	1,000	300	150	70	30	30
GP2576S	48 17 29	121 4 10	1.5	2.0	7.0	.70	1,000	300	100	50	20	20
GP2580	48 19 50	121 2 15	5.0	3.0	10.0	1.00	1,500	500	300	200	50	30
GP2581	48 19 48	121 2 15	5.0	2.0	10.0	1.00	1,500	700	500	300	30	20
GP2582	48 20 0	121 1 40	1.0	2.0	7.0	.50	1,000	500	50	10	7	15
GP2583	48 2 11	121 6 5	2.0	2.0	10.0	>1.00	2,000	300	150	50	20	30
GP2584	48 6 22	120 44 13	3.0	2.0	10.0	1.00	1,000	300	200	70	30	20
GP2585	48 15 16	120 42 26	3.0	2.0	7.0	.70	1,000	150	50	30	20	15
GP2586	48 15 17	120 42 22	2.0	2.0	3.0	.50	1,000	150	70	30	15	10
GP2587	48 22 20	121 22 7	5.0	5.0	10.0	>1.00	2,000	500	300	50	30	30
GP2588	48 16 13	120 42 11	2.0	2.0	5.0	.70	1,500	150	70	20	15	15
GP2589	48 23 15	121 22 4	5.0	5.0	7.0	.50	1,500	200	200	50	20	20
GP2590	48 25 35	121 18 48	1.0	2.0	2.0	.30	1,000	50	30	7	7	5
GP2591	48 25 31	121 18 44	1.0	2.0	2.0	.30	1,000	50	15	10	5	N
GP2592	48 25 29	121 18 45	1.0	2.0	2.0	.50	500	70	50	10	5	5
GP2593	48 28 10	121 15 15	2.0	3.0	7.0	.50	1,000	300	50	20	15	20
GP2594	48 27 48	121 15 23	2.0	3.0	5.0	.50	1,000	150	30	15	10	15
GP2595	48 27 58	121 18 25	3.0	3.0	7.0	.70	2,000	200	500	200	30	20
GP2596	48 27 8	121 19 44	1.5	2.0	5.0	1.00	1,000	150	20	10	10	10
GP2597	48 29 13	121 17 55	1.5	3.0	3.0	.70	1,000	150	50	15	10	20
GP2598	48 28 55	121 14 22	2.0	3.0	5.0	.70	2,000	200	300	50	10	20
GP2599	48 23 3	121 6 20	3.0	2.0	7.0	1.00	1,500	200	200	150	20	20
GP25S	48 4 16	120 51 10	3.0	5.0	7.0	>1.00	1,500	150	500	70	30	70
GP2600	48 23 2	121 6 22	5.0	3.0	7.0	1.00	2,000	200	300	100	20	20
GP2601	48 23 3	121 6 25	2.0	5.0	5.0	1.00	1,000	150	100	15	10	15
GP2602	48 23 56	121 4 36	2.0	1.5	7.0	1.00	1,500	200	200	50	15	20
GP2603	48 23 23	121 4 54	3.0	2.0	7.0	1.00	1,500	200	150	50	30	20
GP2604	48 23 22	121 4 56	2.0	2.0	7.0	1.00	1,500	200	70	30	20	15
GP2605	48 24 55	121 14 6	1.5	2.0	2.0	.20	1,500	50	70	10	5	10
GP2606	48 26 27	121 12 25	5.0	2.0	7.0	.50	1,000	200	500	300	30	20
GP2607	48 25 56	121 12 25	1.0	2.0	3.0	.30	1,500	100	70	20	7	10
GP2608	48 25 52	121 10 30	2.0	1.5	5.0	.70	1,000	150	150	30	15	15
GP2609	48 22 52	121 7 48	.7	2.0	2.0	.50	200	50	50	15	5	<5
GP2610	48 25 54	121 8 0	2.0	1.5	5.0	.50	1,000	150	100	50	20	15
GP2611	48 28 12	121 13 53	3.0	2.0	7.0	1.00	1,000	500	20	7	20	20
GP2612	48 27 35	121 8 33	5.0	1.5	10.0	>1.00	1,500	300	700	200	30	20
GP2613	48 28 2	121 7 39	5.0	2.0	10.0	>1.00	2,000	300	300	150	30	20
GP2614	48 25 12	121 7 25	2.0	1.5	5.0	.70	1,000	100	200	50	15	15
GP2615	48 22 28	121 7 20	2.0	5.0	3.0	1.00	1,000	150	150	15	10	10
GP2616	48 29 15	121 5 46	5.0	3.0	10.0	1.00	1,500	300	500	100	20	15
GP2617	48 26 33	121 0 58	3.0	2.0	10.0	1.00	1,500	200	150	20	15	20
GP2618	48 26 28	121 0 51	2.0	2.0	5.0	1.00	1,500	200	100	20	10	20
GP2620	48 15 43	120 59 2	2.0	2.0	5.0	.30	1,500	200	50	20	10	15
GP2621	48 20 28	120 58 52	3.0	3.0	10.0	.70	2,000	300	100	20	20	30
GP2622	48 20 45	120 59 11	3.0	2.0	10.0	1.00	2,000	300	200	70	20	20

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Cu-ppm s	Mo-ppm s	W-ppm cm	Bi-ppm s	Au-ppm aa	Pb-ppm s	Ag-ppm s	Zn-ppm aa	Zn-ppm s	As-ppm s	B-ppm s	Be-ppm s	Sr-ppm s
GP2575S	50	N	--	N	N	10	N	--	N	N	10	1.0	300
GP2576S	20	N	--	N	N	20	N	--	N	N	20	<1.0	300
GP2580	30	N	--	N	N	30	N	--	N	N	20	<1.0	500
GP2581	50	N	--	N	N	100	N	--	N	N	20	N	500
GP2582	50	N	--	N	N	10	N	--	N	N	20	<1.0	300
GP2583	30	N	--	N	N	20	N	--	N	N	50	1.0	500
GP2584	30	N	--	N	N	15	N	--	N	N	30	N	500
GP2585	15	<5	--	N	N	20	N	--	N	N	20	1.0	700
GP2586	20	5	--	N	N	20	N	--	N	N	15	1.5	500
GP2587	10	N	--	N	N	15	N	--	200	N	10	N	500
GP2588	7	N	--	N	N	10	N	--	N	N	10	1.5	500
GP2589	20	N	--	N	N	15	N	--	N	N	15	<1.0	500
GP2590	<5	N	--	N	N	30	.5	--	N	N	15	2.0	500
GP2591	<5	N	--	N	<.002	30	N	--	N	N	20	1.5	500
GP2592	5	N	--	N	<.002	20	N	--	N	N	10	1.5	500
GP2593	20	N	--	N	N	100	N	--	N	N	20	<1.0	700
GP2594	20	N	--	N	N	20	N	--	N	N	10	N	500
GP2595	50	N	--	N	N	15	N	--	N	N	50	1.0	200
GP2596	5	N	--	10	N	20	.5	--	N	N	10	1.0	500
GP2597	7	N	--	N	N	20	N	--	N	N	15	<1.0	500
GP2598	50	N	--	N	N	20	N	--	N	N	15	<1.0	500
GP2599	70	7	--	N	.002	20	N	--	200	N	10	1.5	200
GP25S	100	N	30	N	<.050	15	N	30	N	N	10	<1.0	300
GP2600	30	N	--	N	N	20	N	--	N	N	10	1.5	300
GP2601	15	N	--	N	N	15	N	--	N	N	<10	1.5	500
GP2602	100	N	--	N	.020	15	<.5	--	N	N	70	<1.0	300
GP2603	100	N	--	N	.005	30	N	--	N	N	70	<1.0	300
GP2604	50	5	--	N	<.002	30	N	--	N	N	50	1.0	300
GP2605	<5	N	--	N	N	20	N	--	N	N	<10	1.5	500
GP2606	50	N	--	N	N	10	N	--	N	N	10	1.0	200
GP2607	5	N	--	N	<.002	10	N	--	N	N	<10	1.0	500
GP2608	50	5	--	N	N	15	N	--	N	N	20	1.5	200
GP2609	10	N	--	N	N	20	N	--	N	N	10	1.5	500
GP2610	70	N	--	N	.007	20	N	--	200	N	50	<1.0	500
GP2611	50	N	--	N	N	50	<.5	--	<200	N	10	N	500
GP2612	50	N	--	N	<.002	20	1.0	--	200	N	70	N	200
GP2613	50	N	--	N	N	10	N	--	<200	N	50	1.0	300
GP2614	50	5	--	N	<.002	15	N	--	N	N	10	1.0	300
GP2615	10	N	--	N	N	10	N	--	N	N	<10	1.0	700
GP2616	70	N	--	N	.002	150	N	--	<200	N	150	1.0	1,000
GP2617	50	N	--	N	.003	10	N	--	N	N	20	N	500
GP2618	30	N	--	N	.003	10	N	--	N	N	30	N	500
GP2620	50	N	--	N	.002	30	N	--	N	N	30	<1.0	300
GP2621	50	N	--	N	<.002	10	N	--	N	N	10	N	300
GP2622	50	N	--	N	<.002	15	N	--	200	N	50	N	300

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Ba-ppm s	La-ppm s	Y-ppm s	Zr-ppm s
GP2575S	500	20	50	150
GP2576S	500	20	30	70
GP2580	500	20	30	500
GP2581	500	20	30	500
GP2582	500	N	20	200
GP2583	500	N	50	200
GP2584	300	20	30	500
GP2585	700	N	20	200
GP2586	500	N	20	150
GP2587	200	N	20	70
GP2588	300	50	20	150
GP2589	500	N	20	30
GP2590	500	20	10	150
GP2591	700	20	<10	150
GP2592	500	70	10	200
GP2593	500	N	15	100
GP2594	500	N	10	20
GP2595	500	N	30	100
GP2596	700	100	20	150
GP2597	500	20	20	150
GP2598	500	150	30	70
GP2599	500	20	30	150
GP25S	200	30	50	100
GP2600	500	70	50	100
GP2601	500	20	15	100
GP2602	300	20	20	100
GP2603	500	N	20	100
GP2604	700	N	20	150
GP2605	700	N	20	100
GP2606	300	N	20	100
GP2607	500	20	30	70
GP2608	1,000	20	30	150
GP2609	700	50	N	100
GP2610	300	N	20	70
GP2611	300	N	20	50
GP2612	200	N	20	100
GP2613	300	30	30	100
GP2614	500	30	20	70
GP2615	500	70	20	70
GP2616	500	20	20	70
GP2617	200	50	50	50
GP2618	200	N	30	50
GP2620	500	N	20	100
GP2621	300	N	30	150
GP2622	500	30	30	200

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Latitude	Longitude	Mg-pct.	Ca-pct.	Fe-pct.	Ti-pct.	Mn-ppm	V-ppm	Cr-ppm	Ni-ppm	Co-ppm	Sc-ppm
			s	s	s	s	s	s	s	s	s	s
GP2623	48 20 42	120 59 50	5.0	3.0	10.0	1.00	2,000	300	150	50	20	20
GP2624	48 23 20	120 59 36	5.0	2.0	10.0	>1.00	2,000	500	200	70	20	20
GP2625	48 23 57	120 59 32	3.0	2.0	7.0	1.00	1,500	200	200	70	20	15
GP2626	48 22 34	121 1 22	2.0	2.0	10.0	>1.00	2,000	200	100	20	20	20
GP2627	48 23 47	121 2 58	3.0	2.0	7.0	1.00	1,500	300	150	50	20	20
GP2628	48 26 46	120 57 52	3.0	1.5	7.0	1.00	1,000	200	150	30	20	15
GP2629	48 25 1	120 58 2	3.0	2.0	5.0	.70	1,000	200	200	50	20	10
GP2630	48 19 56	120 56 30	3.0	2.0	5.0	.70	1,500	200	150	50	20	15
GP2631	48 20 29	120 59 59	2.0	2.0	10.0	.50	1,000	500	50	10	10	15
GP2632	48 24 28	121 11 59	1.5	2.0	5.0	.50	700	200	30	7	7	10
GP26S	48 4 7	120 50 53	3.0	3.0	7.0	1.00	1,500	150	300	70	30	70
GP27S	48 3 4	120 50 0	2.0	2.0	7.0	1.00	1,000	150	150	50	20	50
GP28S	48 3 5	120 50 20	3.0	3.0	10.0	>1.00	1,500	200	300	70	30	70
GP3001S	48 7 0	121 24 5	1.5	2.0	5.0	.50	700	200	200	70	20	20
GP3002S	48 6 28	121 23 35	1.5	2.0	3.0	.30	700	150	200	50	15	15
GP3004S	48 6 24	121 23 20	1.5	2.0	5.0	.50	700	200	500	70	20	20
GP3005S	48 5 57	121 21 42	2.0	3.0	5.0	.50	1,000	200	150	50	20	30
GP3006S	48 5 42	121 20 4	1.5	2.0	5.0	.50	700	200	150	50	20	20
GP3007S	48 5 38	121 19 35	1.5	1.5	5.0	.50	1,000	200	150	70	20	20
GP3008S	48 5 11	121 18 19	2.0	2.0	10.0	>1.00	1,500	300	200	50	20	50
GP3010S	48 5 55	121 17 30	1.5	2.0	7.0	.50	1,000	200	150	70	20	30
GP3011S	48 5 59	121 17 14	1.5	2.0	7.0	.50	1,000	200	200	70	20	30
GP3012S	48 6 7	121 16 48	1.5	2.0	5.0	.50	700	200	150	70	20	30
GP3013S	48 6 8	121 16 40	1.5	2.0	5.0	.50	1,000	200	150	20	15	20
GP3018S	48 1 31	121 17 4	1.5	1.5	5.0	.30	700	200	150	50	15	20
GP3019S	48 4 5	121 17 26	2.0	2.0	7.0	.70	1,000	200	200	50	20	30
GP3020S	48 4 38	121 17 54	2.0	1.5	10.0	>1.00	1,500	300	200	70	20	50
GP3031S	48 7 57	121 12 14	2.0	2.0	7.0	.70	1,000	300	100	30	20	20
GP3032S	48 7 48	121 12 4	1.5	2.0	5.0	.30	700	200	20	30	15	15
GP3033S	48 9 8	121 11 10	1.5	2.0	5.0	.30	700	150	30	20	15	15
GP3034S	48 8 20	121 9 34	2.0	3.0	7.0	.50	1,000	200	50	50	20	15
GP3035S	48 6 49	121 9 44	2.0	2.0	7.0	1.00	1,000	300	70	70	30	20
GP3036S	48 5 12	121 8 32	2.0	3.0	5.0	.50	700	200	50	50	20	15
GP3037S	48 4 19	121 9 46	2.0	2.0	5.0	.70	1,000	200	150	70	20	20
GP3038S	48 4 20	121 9 53	1.5	1.5	7.0	1.00	1,500	200	100	30	20	30
GP3040S	48 3 12	121 16 2	2.0	2.0	5.0	.50	700	200	150	30	20	20
GP3041S	48 2 46	121 15 6	1.5	1.5	5.0	.50	700	200	100	50	20	20
GP3042S	48 2 31	121 14 29	2.0	1.5	5.0	.50	1,000	150	200	70	15	30
GP3043S	47 59 36	121 8 34	1.0	1.5	5.0	.50	1,000	200	100	50	15	20
GP3044S	47 59 37	121 8 36	1.0	1.0	5.0	.50	1,500	150	100	30	15	20
GP3045S	47 59 54	121 8 26	1.0	1.5	3.0	.50	700	150	100	50	15	20
GP3059S	48 3 48	121 13 22	2.0	2.0	5.0	.70	1,000	200	200	70	20	30
GP3060S	48 2 55	121 12 48	2.0	2.0	7.0	.50	1,000	200	200	70	20	30
GP3061S	48 1 5	121 12 43	1.5	1.5	5.0	.50	1,000	100	100	30	10	20
GP3062S	48 1 58	121 11 56	2.0	2.0	5.0	.50	1,500	150	150	70	15	30

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Cu-ppm s	Mo-ppm s	W-ppm cm	Bi-ppm s	Au-ppm aa	Pb-ppm s	Ag-ppm s	Zn-ppm aa	Zn-ppm s	As-ppm s	B-ppm s	Be-ppm s	Sr-ppm s
GP2623	100	N	--	N	.600	<10	N	--	N	N	50	N	300
GP2624	100	N	--	N	.004	10	N	--	N	N	50	N	500
GP2625	50	N	--	N	.006	15	N	--	N	N	70	<1.0	500
GP2626	100	N	--	N	.004	<10	N	--	N	N	50	N	200
GP2627	50	N	--	N	.400	10	N	--	N	N	30	N	500
GP2628	30	N	--	N	N	15	N	--	N	N	<10	1.0	300
GP2629	100	N	--	N	N	20	N	--	N	N	70	1.5	500
GP2630	100	N	--	N	.003	15	N	--	N	N	50	1.0	300
GP2631	10	N	--	N	<.002	10	N	--	N	N	10	N	300
GP2632	50	5	--	N	N	15	<.5	--	N	N	<10	1.0	500
GP26S	100	N	5	N	<.050	15	N	40	N	N	10	<1.0	300
GP27S	30	N	N	N	N	20	N	50	N	N	10	1.0	300
GP28S	150	N	10	N	N	15	N	40	N	N	10	1.0	300
GP3001S	30	N	--	N	.040	15	N	--	N	N	70	<1.0	300
GP3002S	20	N	--	N	.002	15	N	--	N	N	50	<1.0	300
GP3004S	20	N	--	N	N	10	N	--	N	N	50	<1.0	200
GP3005S	20	N	--	N	<.002	10	N	--	N	N	50	N	500
GP3006S	30	N	--	N	<.002	15	N	--	N	N	50	N	300
GP3007S	30	N	--	N	.080	30	N	--	N	N	150	<1.0	300
GP3008S	20	N	--	N	N	10	N	--	N	N	10	N	300
GP3010S	30	N	--	N	N	15	N	--	N	N	30	<1.0	300
GP3011S	50	N	--	N	N	15	N	--	N	N	20	<1.0	300
GP3012S	30	N	--	N	N	15	N	--	N	N	20	<1.0	300
GP3013S	15	N	--	N	N	15	N	--	N	N	20	<1.0	500
GP3018S	20	N	--	N	.007	15	N	--	N	N	50	N	300
GP3019S	50	N	--	N	.010	15	N	--	N	N	70	N	300
GP3020S	20	N	--	N	<.002	10	N	--	N	N	10	N	300
GP3031S	15	N	--	N	.002	10	N	--	N	N	15	<1.0	500
GP3032S	15	N	--	N	N	10	N	--	N	N	10	N	500
GP3033S	15	N	--	N	.004	15	N	--	N	N	20	<1.0	500
GP3034S	20	N	--	N	N	20	N	--	N	N	30	N	500
GP3035S	20	N	--	N	N	10	N	--	N	N	20	N	500
GP3036S	20	N	--	N	N	10	N	--	N	N	20	N	500
GP3037S	30	N	--	N	N	15	N	--	N	N	30	N	300
GP3038S	30	N	--	N	N	10	N	--	N	N	20	N	300
GP3040S	50	N	--	N	.007	20	N	--	N	N	50	<1.0	300
GP3041S	50	N	--	N	.008	20	N	--	N	N	100	<1.0	300
GP3042S	30	N	--	N	<.002	20	N	--	N	N	50	<1.0	200
GP3043S	50	N	--	N	.009	50	.7	--	200	N	70	1.0	300
GP3044S	70	N	--	N	.005	100	1.5	--	500	N	50	1.0	200
GP3045S	50	N	--	N	.008	20	.5	--	N	N	100	1.0	300
GP3059S	20	N	--	N	<.002	15	N	--	N	N	50	<1.0	300
GP3060S	20	N	--	N	N	15	N	--	N	N	50	<1.0	300
GP3061S	20	N	--	N	<.002	20	N	--	N	N	100	1.0	200
GP3062S	30	N	--	N	N	10	N	--	N	N	100	<1.0	300

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Ba-ppm s	La-ppm s	Y-ppm s	Zr-ppm s
GP2623	300	N	20	100
GP2624	500	20	20	70
GP2625	700	20	20	100
GP2626	200	N	30	70
GP2627	300	N	30	50
GP2628	500	20	30	150
GP2629	500	20	20	100
GP2630	500	N	20	100
GP2631	200	N	20	200
GP2632	500	30	15	50
GP26S	300	N	50	200
GP27S	300	N	30	100
GP28S	300	30	50	200
GP3001S	300	20	30	150
GP3002S	300	N	20	100
GP3004S	300	20	20	100
GP3005S	300	20	30	200
GP3006S	300	20	20	150
GP3007S	300	30	20	100
GP3008S	200	30	50	150
GP3010S	300	20	30	100
GP3011S	500	30	50	50
GP3012S	500	20	30	100
GP3013S	200	20	30	70
GP3018S	500	30	30	70
GP3019S	300	30	30	100
GP3020S	200	N	50	150
GP3031S	300	20	20	70
GP3032S	300	20	15	50
GP3033S	500	20	20	70
GP3034S	500	20	20	70
GP3035S	300	N	20	100
GP3036S	300	20	20	70
GP3037S	300	20	30	100
GP3038S	300	30	70	100
GP3040S	300	30	30	150
GP3041S	500	30	20	150
GP3042S	300	30	50	150
GP3043S	500	30	30	150
GP3044S	500	20	20	100
GP3045S	300	20	20	100
GP3059S	300	50	50	100
GP3060S	300	30	50	100
GP3061S	300	20	20	100
GP3062S	300	30	50	100

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Latitude	Longitude	Mg-pct. s	Ca-pct. s	Fe-pct. s	Ti-pct. s	Mn-ppm s	V-ppm s	Cr-ppm s	Ni-ppm s	Co-ppm s	Sc-ppm s
GP3063S	48 1 43	121 11 26	2.0	2.0	7.0	.70	1,000	200	200	100	20	30
GP3064S	48 1 43	121 11 18	1.5	1.5	7.0	.50	1,000	200	150	50	20	30
GP3065S	48 4 32	121 10 32	2.0	2.0	7.0	.70	700	200	150	50	20	20
GP3066S	48 2 27	121 13 17	1.5	2.0	5.0	.30	1,000	150	150	70	15	30
GP3067S	47 59 9	121 11 30	2.0	2.0	5.0	.70	1,000	150	150	50	15	20
GP3068S	47 59 37	121 12 38	2.0	2.0	7.0	.70	1,000	200	150	70	15	30
GP3069S	47 59 42	121 12 43	1.5	1.5	7.0	.70	1,000	200	150	70	20	30
GP3071S	48 13 32	121 0 58	2.0	2.0	7.0	.50	1,000	200	100	50	20	15
GP3072S	48 13 36	121 0 32	2.0	2.0	5.0	.50	1,000	200	100	30	20	20
GP3073S	48 13 39	121 0 34	1.5	2.0	3.0	.30	500	100	50	20	15	10
GP3074S	48 12 56	120 56 43	1.0	1.0	3.0	.30	700	100	100	30	15	10
GP3075S	48 14 28	120 57 11	1.5	2.0	5.0	.50	1,000	200	100	20	20	20
GP3076S	48 10 56	120 55 59	1.0	1.5	3.0	.30	500	100	50	15	10	15
GP3077S	48 11 25	120 57 12	1.5	2.0	7.0	.70	700	300	100	30	30	20
GP3078S	48 11 22	120 57 4	1.0	2.0	5.0	.50	1,000	150	100	20	10	30
GP3079S	48 18 49	121 17 6	1.5	3.0	5.0	.30	700	200	100	15	10	20
GP3080S	48 18 41	121 16 53	1.5	2.0	5.0	1.00	700	200	150	30	15	30
GP3081S	48 18 44	121 16 52	1.5	2.0	5.0	1.00	700	150	150	50	15	20
GP3082S	48 18 36	121 17 10	2.0	3.0	7.0	1.00	1,500	200	150	30	15	30
GP3083S	48 18 12	121 17 30	1.0	2.0	3.0	.30	500	150	150	30	10	15
GP3084S	48 18 17	121 17 29	1.5	2.0	5.0	.70	700	200	150	30	15	20
GP3086S	48 17 34	121 18 17	1.0	2.0	5.0	.70	700	200	150	20	10	20
GP3088S	48 5 42	120 57 33	2.0	2.0	7.0	.70	700	300	100	50	20	15
GP3089S	48 5 5	120 56 2	2.0	2.0	10.0	1.00	1,000	500	200	70	50	30
GP3090S	48 4 3	120 57 31	2.0	2.0	3.0	.70	1,500	100	300	200	20	20
GP3091S	48 3 28	120 56 22	2.0	3.0	5.0	1.00	700	200	300	150	20	20
GP3092S	48 7 16	120 58 22	1.5	2.0	5.0	.50	500	200	100	20	15	10
GP3093S	48 8 12	121 0 0	2.0	2.0	5.0	.70	1,000	200	150	50	20	15
GP3094S	48 9 47	121 0 9	2.0	3.0	5.0	.50	700	200	100	30	15	20
GP3095S	48 14 41	120 54 14	1.5	3.0	3.0	.30	500	150	50	20	15	15
GP3096S	48 19 55	121 13 28	1.5	1.5	3.0	.50	500	70	200	70	10	5
GP3097S	48 19 50	121 13 30	2.0	3.0	5.0	.70	1,000	200	200	100	20	20
GP3098S	48 12 13	120 52 30	1.5	2.0	7.0	.30	500	200	50	20	15	15
GP3099S	48 13 31	121 1 28	1.0	2.0	3.0	.30	700	100	10	10	10	10
GP3100S	48 13 37	121 1 42	1.5	2.0	3.0	.50	700	100	100	50	15	15
GP3101S	48 13 32	121 1 58	.5	1.0	2.0	.20	1,000	50	N	15	10	7
GP3102S	48 13 32	121 2 10	1.0	2.0	3.0	.50	700	150	10	10	10	7
GP3103S	48 13 43	121 2 40	1.5	3.0	3.0	.70	700	100	50	20	15	10
GP3104S	48 13 38	121 3 4	2.0	3.0	5.0	.70	1,000	200	50	30	20	15
GP3105S	48 13 37	121 3 52	1.5	3.0	5.0	.50	1,000	150	50	20	15	15
GP3106S	48 13 39	121 4 2	1.0	2.0	3.0	.30	700	70	30	15	10	10
GP3107S	48 22 21	121 16 32	1.0	3.0	5.0	.20	700	100	30	10	10	15
GP3108S	48 22 20	121 16 35	2.0	3.0	5.0	.50	700	150	50	15	15	20
GP3109S	48 22 14	121 16 15	1.0	2.0	7.0	.20	500	300	70	10	10	15
GP3153S	48 22 0	121 15 51	1.0	2.0	5.0	.20	500	150	50	10	10	15

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Cu-ppm s	Mo-ppm s	W-ppm cm	Bi-ppm s	Au-ppm aa	Pb-ppm s	Ag-ppm s	Zn-ppm aa	Zn-ppm s	As-ppm s	B-ppm s	Be-ppm s	Sr-ppm s
GP3063S	50	N	--	N	N	15	N	--	N	N	150	<1.0	200
GP3064S	30	N	--	N	.200	30	<.5	--	N	N	100	<1.0	200
GP3065S	20	N	--	N	N	20	N	--	N	N	30	<1.0	300
GP3066S	30	N	--	N	N	15	N	--	N	N	70	1.0	300
GP3067S	20	N	--	N	N	20	N	--	N	N	100	<1.0	300
GP3068S	30	N	--	N	.020	15	N	--	N	N	100	<1.0	300
GP3069S	30	N	--	N	.003	15	N	--	N	N	150	<1.0	200
GP3071S	20	N	--	N	N	20	N	--	N	N	70	1.0	500
GP3072S	30	N	--	N	<.002	20	.5	--	N	N	100	1.0	500
GP3073S	15	N	--	N	N	15	N	--	N	N	20	1.0	500
GP3074S	70	N	--	10	.010	50	1.0	--	200	1,500	300	1.5	300
GP3075S	70	N	--	N	N	30	.5	--	N	N	150	1.0	300
GP3076S	50	N	--	N	<.002	15	N	--	N	N	300	1.0	300
GP3077S	50	N	--	N	N	20	N	--	N	N	70	<1.0	300
GP3078S	20	N	--	N	N	10	N	--	N	N	500	<1.0	300
GP3079S	30	7	--	N	N	10	N	--	N	N	10	1.0	500
GP3080S	20	N	--	N	.002	10	N	--	N	N	20	<1.0	500
GP3081S	50	5	--	N	N	15	N	--	N	N	20	<1.0	500
GP3082S	15	N	--	N	N	10	N	--	N	N	15	<1.0	300
GP3083S	20	N	--	N	N	15	N	--	N	N	50	<1.0	500
GP3084S	30	N	--	N	N	10	N	--	N	N	15	<1.0	500
GP3086S	20	N	--	N	N	10	N	--	N	N	20	<1.0	500
GP3088S	10	N	--	N	N	10	N	--	N	N	15	N	500
GP3089S	20	N	--	N	N	10	N	--	N	N	15	N	300
GP3090S	30	N	--	N	N	N	N	--	N	N	20	<1.0	150
GP3091S	50	N	--	N	N	10	N	--	N	N	15	<1.0	500
GP3092S	7	N	--	N	N	10	N	--	N	N	15	<1.0	700
GP3093S	15	N	--	N	<.002	10	N	--	N	N	20	<1.0	500
GP3094S	15	N	--	N	.003	15	N	--	N	N	50	1.0	500
GP3095S	20	N	--	N	.002	30	N	--	N	N	50	<1.0	300
GP3096S	100	10	--	N	.002	15	N	--	N	N	15	<1.0	300
GP3097S	20	N	--	N	<.002	15	N	--	N	N	20	1.0	300
GP3098S	70	N	--	N	.002	20	N	--	N	N	200	<1.0	500
GP3099S	10	N	--	N	<.002	20	N	--	N	N	20	1.0	300
GP3100S	20	N	--	N	<.002	70	1.0	--	N	N	20	1.0	500
GP3101S	15	N	--	N	N	20	N	--	N	N	20	2.0	200
GP3102S	10	N	--	N	.100	15	N	--	N	N	15	1.0	300
GP3103S	10	N	--	N	.006	50	1.0	--	N	N	20	1.0	500
GP3104S	15	N	--	N	.008	20	N	--	N	N	50	<1.0	500
GP3105S	15	N	--	N	.003	30	N	--	N	N	30	<1.0	500
GP3106S	15	N	--	N	N	30	N	--	<200	N	15	1.0	500
GP3107S	10	N	--	N	.004	10	N	--	N	N	<10	1.0	500
GP3108S	15	N	--	N	<.002	<10	N	--	N	N	10	<1.0	500
GP3109S	10	N	--	N	.002	N	N	--	N	N	10	<1.0	500
GP3153S	10	N	--	N	N	<10	N	--	N	N	10	<1.0	500

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Ba-ppm s	La-ppm s	Y-ppm s	Zr-ppm s
GP3063S	500	70	50	150
GP3064S	300	20	50	100
GP3065S	500	30	30	100
GP3066S	300	20	30	150
GP3067S	500	20	30	150
GP3068S	500	20	50	100
GP3069S	500	20	50	100
GP3071S	500	20	20	300
GP3072S	500	20	30	100
GP3073S	500	20	20	200
GP3074S	500	30	20	70
GP3075S	300	30	30	150
GP3076S	500	20	20	50
GP3077S	300	N	20	100
GP3078S	300	50	50	70
GP3079S	300	20	20	150
GP3080S	300	20	50	100
GP3081S	300	30	30	100
GP3082S	200	20	50	100
GP3083S	300	20	20	100
GP3084S	300	20	30	100
GP3086S	300	30	30	100
GP3088S	500	20	20	100
GP3089S	300	N	20	70
GP3090S	200	50	30	70
GP3091S	300	30	30	100
GP3092S	700	30	10	100
GP3093S	500	30	20	100
GP3094S	700	30	20	150
GP3095S	300	N	15	150
GP3096S	300	20	10	70
GP3097S	300	20	30	100
GP3098S	300	N	15	70
GP3099S	500	20	20	100
GP3100S	700	20	20	150
GP3101S	300	20	15	150
GP3102S	500	50	20	200
GP3103S	700	20	20	150
GP3104S	500	30	30	150
GP3105S	700	20	30	150
GP3106S	700	20	20	150
GP3107S	300	20	15	150
GP3108S	200	20	20	70
GP3109S	300	20	20	100
GP3153S	300	20	15	200

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Latitude	Longitude	Mg-pct. s	Ca-pct. s	Fe-pct. s	Ti-pct. s	Mn-ppm s	V-ppm s	Cr-ppm s	Ni-ppm s	Co-ppm s	Sc-ppm s
GP3154S	48 21 52	121 15 46	1.5	2.0	5.0	.30	700	150	30	10	15	20
GP3155S	48 21 21	121 15 53	1.0	2.0	2.0	.15	500	70	30	5	5	10
GP3156S	48 21 10	121 15 51	1.5	2.0	5.0	.30	500	100	20	10	15	10
GP3157S	48 20 53	121 16 24	2.0	3.0	5.0	.30	700	150	100	50	20	20
GP3158S	48 20 13	121 16 50	1.5	3.0	5.0	.30	500	200	50	20	15	15
GP3159S	48 20 7	121 16 55	3.0	3.0	7.0	.50	1,000	200	150	50	20	30
GP3160S	48 22 55	121 25 45	2.0	2.0	3.0	.50	1,000	150	150	70	20	20
GP3161S	48 22 50	121 25 37	3.0	2.0	5.0	.70	1,000	200	200	70	30	30
GP3162S	48 22 29	121 25 24	1.5	1.5	5.0	.50	500	300	100	50	20	20
GP3163S	48 21 37	121 25 31	3.0	1.5	7.0	.70	700	300	200	100	30	30
GP3164S	48 20 58	121 24 55	2.0	3.0	5.0	.50	1,000	300	200	70	20	30
GP3165S	48 20 14	121 23 36	2.0	2.0	7.0	.70	1,000	300	200	70	20	30
GP3166S	48 19 7	121 21 45	1.5	2.0	7.0	.70	1,000	300	150	50	20	30
GP3167S	48 19 3	121 21 14	2.0	3.0	7.0	1.00	1,500	300	200	50	20	30
GP3168S	48 18 53	121 20 19	2.0	3.0	7.0	1.00	1,000	300	150	50	20	30
GP3169S	48 19 31	121 22 0	2.0	3.0	5.0	.70	1,000	200	150	50	20	30
GP3170S	48 9 10	121 12 42	1.5	2.0	5.0	.70	1,000	150	70	30	15	20
GP3171S	48 9 12	121 12 58	1.5	3.0	5.0	.70	1,000	200	70	30	15	20
GP3172S	48 9 22	121 14 3	1.5	1.5	5.0	1.00	1,000	300	100	50	15	20
GP3179S	48 16 12	121 21 0	1.0	1.5	5.0	.70	1,000	200	200	30	10	20
GP3180S	48 16 24	121 22 0	1.5	1.5	5.0	.50	1,500	200	100	70	20	30
GP3181S	48 17 25	120 49 3	2.0	2.0	5.0	.50	1,000	150	100	50	20	15
GP3182S	48 8 32	120 39 10	2.0	3.0	5.0	.50	1,000	300	50	30	20	15
GP3184S	48 8 30	120 39 0	1.5	3.0	5.0	.30	700	150	30	20	15	15
GP3187S	48 13 56	120 50 13	2.0	5.0	5.0	.30	1,000	300	50	30	20	30
GP3188S	48 11 57	120 53 25	2.0	2.0	7.0	.70	1,500	300	30	50	50	20
GP3190S	48 6 31	120 45 50	2.0	2.0	7.0	.70	1,000	300	70	30	30	20
GP3191S	48 6 38	120 45 40	2.0	2.0	3.0	.50	700	150	150	30	15	20
GP3192S	48 9 17	120 51 49	2.0	2.0	5.0	.50	700	150	150	70	15	15
GP3193S	48 17 38	120 53 54	1.5	2.0	5.0	.30	1,000	200	50	15	15	20
GP3194S	48 19 50	120 50 0	2.0	1.5	5.0	.70	700	200	100	50	15	15
GP3195S	48 23 3	120 56 50	1.5	2.0	5.0	.50	700	100	100	70	15	10
GP3196S	48 23 20	121 0 40	2.0	2.0	7.0	.50	700	300	100	30	20	20
GP3197S	48 24 2	120 54 38	1.0	2.0	3.0	.50	700	100	50	15	10	10
GP3198S	48 20 11	120 46 3	2.0	2.0	5.0	.50	700	200	200	150	15	15
GP3199S	48 23 57	120 51 20	1.5	2.0	5.0	.50	500	150	70	30	10	15
GP3200S	48 24 13	120 51 36	1.5	2.0	3.0	.50	700	100	150	50	10	15
GP3201S	48 27 5	120 59 31	1.5	2.0	5.0	.30	700	150	100	50	15	15
GP3203S	48 11 58	120 45 16	2.0	2.0	10.0	1.00	1,000	500	100	30	30	20
GP3204S	48 11 19	120 41 0	1.0	2.0	3.0	.30	500	100	20	15	10	10
GP3204S2	48 11 19	120 41 0	.5	1.0	1.5	.30	500	50	15	7	7	10
GP3205S	48 11 48	120 43 42	2.0	2.0	7.0	1.00	700	300	70	20	20	15
GP3207S	48 28 33	121 4 40	2.0	2.0	5.0	.70	700	200	150	50	15	15
GP3213S	48 28 18	121 9 33	3.0	1.5	7.0	1.00	1,000	300	700	200	30	30
GP3214S	48 28 47	121 8 53	3.0	1.5	5.0	1.00	1,000	200	500	200	30	20

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Cu-ppm s	Mo-ppm s	W-ppm cm	Bi-ppm s	Au-ppm aa	Pb-ppm s	Ag-ppm s	Zn-ppm aa	Zn-ppm s	As-ppm s	B-ppm s	Be-ppm s	Sr-ppm s
GP3154S	70	20	--	N	.006	30	N	--	N	N	10	1.0	300
GP3155S	15	N	--	N	N	10	N	--	N	N	<10	1.0	300
GP3156S	150	20	--	N	.003	20	N	--	N	N	20	<1.0	500
GP3157S	30	N	--	N	<.002	20	N	--	N	N	20	<1.0	500
GP3158S	30	20	--	N	N	10	N	--	N	N	15	<1.0	500
GP3159S	20	N	--	N	N	10	N	--	N	N	10	N	300
GP3160S	50	N	--	N	.005	10	N	--	N	N	100	N	200
GP3161S	30	N	--	N	.002	<10	N	--	N	N	70	N	300
GP3162S	30	N	--	N	<.002	N	N	--	N	N	30	N	200
GP3163S	50	N	--	N	<.002	<10	N	--	N	N	70	N	300
GP3164S	30	N	--	N	.005	10	N	--	N	N	50	<1.0	300
GP3165S	30	N	--	N	N	<10	N	--	N	N	30	<1.0	300
GP3166S	20	N	--	N	.002	<10	N	--	N	N	20	N	300
GP3167S	15	N	--	N	.003	<10	N	--	N	N	20	<1.0	300
GP3168S	20	N	--	N	.003	10	N	--	N	N	15	N	500
GP3169S	20	N	--	N	.003	10	N	--	N	N	15	<1.0	500
GP3170S	15	N	--	N	.002	15	N	--	N	N	70	<1.0	500
GP3171S	15	N	--	N	<.002	15	N	--	N	N	100	<1.0	500
GP3172S	20	N	--	N	N	15	N	--	N	N	150	<1.0	300
GP3179S	20	N	--	N	.003	15	N	--	N	N	200	1.0	300
GP3180S	50	N	--	N	.008	15	N	--	N	N	150	1.0	300
GP3181S	20	N	--	N	.002	20	N	--	N	N	20	1.0	500
GP3182S	15	N	--	N	<.002	15	N	--	N	N	15	N	500
GP3184S	20	5	--	N	<.002	20	N	--	N	N	15	<1.0	500
GP3187S	50	N	--	N	<.002	20	N	--	N	N	30	N	700
GP3188S	70	5	--	N	.005	30	N	--	200	N	20	<1.0	500
GP3190S	10	N	--	N	.005	10	N	--	N	N	20	<1.0	500
GP3191S	20	N	--	N	<.002	<10	N	--	N	N	15	<1.0	500
GP3192S	30	N	--	N	<.002	20	N	--	N	N	30	<1.0	300
GP3193S	30	N	--	N	.020	10	N	--	200	N	20	N	300
GP3194S	30	N	--	N	.003	10	N	--	N	N	30	<1.0	500
GP3195S	100	N	--	N	.003	20	N	--	<200	N	200	1.5	500
GP3196S	50	N	--	N	.005	10	N	--	N	N	100	N	300
GP3197S	7	N	--	N	N	15	N	--	N	N	20	<1.0	300
GP3198S	50	N	--	N	N	10	N	--	N	N	10	1.0	500
GP3199S	15	N	--	N	<.002	10	N	--	N	N	10	1.0	500
GP3200S	10	N	--	N	N	15	N	--	N	N	10	1.0	500
GP3201S	70	N	--	N	.003	70	<.5	--	<200	N	70	1.0	500
GP3203S	30	N	--	N	.050	15	N	--	N	N	20	N	500
GP3204S	50	N	--	N	.004	20	N	--	N	N	15	1.0	300
GP3204S2	50	N	--	N	.020	20	N	--	N	N	15	1.5	200
GP3205S	20	N	--	N	.007	15	N	--	N	N	15	N	300
GP3207S	100	10	--	N	.004	200	1.0	--	200	N	150	<1.0	700
GP3213S	70	N	--	N	.003	30	N	--	N	N	50	N	100
GP3214S	70	N	--	N	<.002	30	N	--	N	N	<10	<1.0	100

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Ba-ppm s	La-ppm s	Y-ppm s	Zr-ppm s
GP3154S	300	30	30	300
GP3155S	200	20	15	70
GP3156S	500	20	10	100
GP3157S	300	20	20	100
GP3158S	300	30	20	100
GP3159S	200	N	20	70
GP3160S	300	N	20	100
GP3161S	200	N	20	70
GP3162S	200	N	20	70
GP3163S	200	N	30	100
GP3164S	300	20	20	70
GP3165S	300	20	30	150
GP3166S	300	20	30	70
GP3167S	300	20	30	100
GP3168S	300	N	50	100
GP3169S	300	20	30	100
GP3170S	300	N	20	100
GP3171S	300	N	30	100
GP3172S	300	100	30	150
GP3179S	300	70	50	100
GP3180S	500	20	50	100
GP3181S	500	20	20	150
GP3182S	500	N	15	70
GP3184S	500	20	15	70
GP3187S	500	N	15	15
GP3188S	300	20	20	150
GP3190S	700	50	20	100
GP3191S	300	20	20	150
GP3192S	300	20	15	100
GP3193S	200	N	20	70
GP3194S	500	30	20	100
GP3195S	500	20	15	100
GP3196S	700	N	20	70
GP3197S	500	30	20	150
GP3198S	500	30	30	150
GP3199S	700	30	20	150
GP3200S	500	30	15	100
GP3201S	700	30	20	200
GP3203S	500	N	20	70
GP3204S	500	20	20	150
GP3204S2	300	30	20	70
GP3205S	300	N	15	150
GP3207S	700	20	20	100
GP3213S	150	N	20	70
GP3214S	200	20	30	70

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Latitude	Longitude	Mg-pct. s	Ca-pct. s	Fe-pct. s	Ti-pct. s	Mn-ppm s	V-ppm s	Cr-ppm s	Ni-ppm s	Co-ppm s	Sc-ppm s
GP3215S	48 29 2	121 8 30	3.0	2.0	3.0	.70	1,000	150	300	150	20	15
GP3216S	48 29 14	121 8 14	3.0	2.0	7.0	>1.00	1,000	300	500	200	50	30
GP3217S	48 29 33	121 7 22	1.5	1.5	5.0	.70	700	150	150	100	20	15
GP3218S	48 29 28	121 6 28	1.5	1.5	5.0	.50	700	150	150	100	20	15
GP3221S	48 29 22	121 5 20	1.5	2.0	5.0	.70	700	200	100	70	20	20
GP3222S	48 29 12	121 4 57	3.0	2.0	7.0	.50	1,000	200	500	150	50	20
GP3223S	48 29 13	121 4 58	1.5	2.0	3.0	.30	1,000	150	70	20	10	15
GP3224S	48 29 17	121 5 2	1.5	2.0	7.0	.50	1,000	200	70	30	20	15
GP3232S	48 27 54	121 13 0	2.0	2.0	5.0	.70	700	200	150	70	20	20
GP3233S	48 27 32	121 11 52	2.0	2.0	5.0	.50	700	200	70	30	15	20
GP3234S	48 27 42	121 12 34	.7	2.0	2.0	.20	300	50	30	10	5	7
GP3235S	48 26 42	121 12 23	2.0	2.0	7.0	1.00	1,000	200	200	150	50	20
GP3236	48 11 13	121 1 42	1.5	2.0	5.0	.50	1,000	200	70	20	15	20
GP3237	48 13 28	120 42 30	2.0	3.0	5.0	1.00	1,000	200	70	20	15	20
GP3238	48 13 25	120 42 33	5.0	3.0	7.0	.70	1,500	300	700	200	30	20
GP3239	48 13 29	120 41 25	2.0	2.0	5.0	.50	1,000	150	50	15	10	15
GP3240	48 13 25	120 41 29	3.0	2.0	7.0	.70	1,500	200	50	20	20	20
GP3241	48 13 41	120 40 54	3.0	2.0	7.0	>1.00	1,500	200	70	20	20	20
GP3242	48 13 37	120 40 55	2.0	2.0	5.0	.50	1,000	150	150	50	15	15
GP4000S	48 20 43	120 57 50	2.0	2.0	5.0	.70	1,000	200	150	100	20	15
GP4001S	48 20 23	120 57 47	1.0	3.0	7.0	.20	700	300	50	20	10	20
GP4002S	48 20 32	120 56 48	1.5	1.5	5.0	.50	500	150	150	70	15	10
GP4003S	48 20 19	120 56 7	1.5	3.0	3.0	.20	500	150	30	15	7	20
GP4004S	48 20 45	120 54 28	1.5	3.0	5.0	.30	700	300	70	20	10	20
GP4005S	48 20 44	120 54 5	1.5	1.5	5.0	.50	500	200	150	50	20	15
GP4006S	48 17 38	120 55 49	1.5	2.0	5.0	.30	700	200	30	15	15	30
GP4007S	48 17 37	120 55 46	1.5	2.0	5.0	.30	700	150	30	15	15	20
GP4008S	48 16 2	120 55 41	1.5	2.0	5.0	.30	700	150	30	20	15	20
GP4009S	48 15 18	120 55 32	1.5	3.0	5.0	.30	700	200	30	20	15	15
GP4010S	48 15 18	120 55 39	1.5	3.0	5.0	.50	700	200	20	20	20	15
GP4011S	48 16 48	120 59 13	1.5	2.0	5.0	.30	700	200	20	15	15	20
GP4012S	48 16 47	120 59 12	1.5	2.0	5.0	.50	700	300	30	20	20	20
GP4013S	48 17 2	120 58 25	1.5	3.0	5.0	.30	700	300	20	10	20	30
GP4014S	48 17 13	120 58 3	2.0	3.0	10.0	.30	1,000	300	30	15	20	30
GP4015S	48 17 12	120 57 45	1.5	2.0	5.0	.30	700	200	20	15	15	20
GP4016S	48 17 10	120 57 28	1.5	2.0	3.0	.30	700	150	20	10	10	15
GP4017S	48 17 13	120 57 13	1.5	2.0	5.0	.50	700	200	20	15	20	20
GP4018S	48 17 24	120 57 7	1.5	2.0	5.0	.30	1,000	300	30	10	15	20
GP4019S	48 10 21	120 50 20	1.5	2.0	3.0	.50	700	150	100	30	15	15
GP4020S	48 17 54	120 48 0	.7	1.5	2.0	.30	700	50	30	15	10	10
GP4021S	48 9 0	120 41 10	1.5	2.0	5.0	.50	700	100	30	20	15	15
GP4022S	48 8 59	120 41 1	2.0	2.0	5.0	.50	700	150	100	50	20	15
GP4023S	48 9 25	120 40 41	2.0	2.0	7.0	.70	1,000	200	50	30	20	15
GP4025S	48 10 10	120 43 36	2.0	2.0	5.0	.30	500	150	50	30	20	15
GP4026S	48 6 20	120 40 12	2.0	2.0	5.0	.50	700	150	150	50	20	15

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Cu-ppm s	Mo-ppm s	W-ppm cm	Bi-ppm s	Au-ppm aa	Pb-ppm s	Ag-ppm s	Zn-ppm aa	Zn-ppm s	As-ppm s	B-ppm s	Be-ppm s	Sr-ppm s
GP3215S	50	N	--	N	.004	15	N	--	N	N	100	1.5	500
GP3216S	50	N	--	N	.040	<10	N	--	N	N	150	N	300
GP3217S	100	N	--	N	.003	30	N	--	N	N	100	1.0	700
GP3218S	70	<5	--	N	.002	70	N	--	N	N	200	1.0	700
GP3221S	30	N	--	N	<.002	15	N	--	N	N	10	<1.0	700
GP3222S	50	N	--	N	.008	150	1.0	--	300	N	50	1.0	500
GP3223S	50	5	--	N	.004	50	N	--	N	N	30	1.0	700
GP3224S	70	10	--	N	.700	70	N	--	N	N	20	N	500
GP3232S	50	N	--	N	<.002	10	N	--	N	N	20	<1.0	300
GP3233S	50	N	--	N	.004	15	N	--	N	N	20	<1.0	300
GP3234S	15	N	--	N	N	15	N	--	N	N	10	1.0	500
GP3235S	50	N	--	N	N	10	N	--	N	N	50	<1.0	200
GP3236	50	N	--	N	.002	30	N	--	N	N	200	1.0	300
GP3237	20	N	--	N	N	20	N	--	N	N	10	1.0	700
GP3238	30	N	--	N	N	15	<.5	--	N	N	15	N	500
GP3239	10	N	--	N	N	20	N	--	N	N	15	1.5	500
GP3240	7	N	--	N	N	20	N	--	N	N	10	<1.0	500
GP3241	5	N	--	N	N	30	N	--	N	N	20	<1.0	500
GP3242	15	N	--	N	N	20	N	--	N	N	15	1.5	500
GP4000S	50	N	--	N	.008	20	N	--	<200	N	50	<1.0	500
GP4001S	20	N	--	N	<.002	N	N	--	N	N	30	N	300
GP4002S	150	7	--	N	.005	50	N	--	300	N	200	1.0	700
GP4003S	20	N	--	N	.002	<10	N	--	N	N	30	<1.0	300
GP4004S	20	N	--	N	.002	10	N	--	N	N	30	N	300
GP4005S	50	N	--	N	.002	10	N	--	N	N	50	<1.0	300
GP4006S	20	N	--	N	<.002	10	N	--	N	N	50	N	300
GP4007S	30	N	--	N	.002	15	N	--	N	N	70	N	300
GP4008S	20	N	--	N	<.002	30	N	--	N	N	70	<1.0	300
GP4009S	30	N	--	N	.002	15	N	--	N	N	50	<1.0	500
GP4010S	20	N	--	N	<.002	30	N	--	N	N	50	1.0	300
GP4011S	20	N	--	N	.003	20	N	--	N	N	50	<1.0	300
GP4012S	30	N	--	N	<.002	15	N	--	N	N	50	<1.0	300
GP4013S	20	N	--	N	<.002	10	N	--	N	N	30	<1.0	300
GP4014S	30	N	--	N	.005	15	N	--	N	N	50	<1.0	300
GP4015S	20	N	--	N	.005	15	N	--	N	N	50	<1.0	300
GP4016S	20	N	--	N	.004	15	N	--	N	N	50	<1.0	300
GP4017S	30	N	--	N	.007	20	N	--	N	N	70	<1.0	300
GP4018S	20	N	--	N	.005	10	N	--	N	N	20	<1.0	300
GP4019S	20	N	--	N	.003	10	N	--	N	N	20	<1.0	500
GP4020S	15	N	--	N	.004	10	N	--	N	N	20	1.5	300
GP4021S	20	N	--	N	.020	15	N	--	N	N	20	1.0	500
GP4022S	30	N	--	N	.004	15	N	--	N	N	20	1.0	500
GP4023S	20	N	--	N	.005	15	N	--	N	N	20	<1.0	500
GP4025S	20	N	--	N	<.002	10	N	--	N	N	20	<1.0	500
GP4026S	20	N	--	N	.008	10	N	--	N	N	30	<1.0	500

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Ba-ppm s	La-ppm s	Y-ppm s	Zr-ppm s
GP3215S	300	30	20	100
GP3216S	500	50	30	150
GP3217S	500	20	15	150
GP3218S	500	20	20	100
GP3221S	700	30	30	500
GP3222S	500	30	20	150
GP3223S	700	30	20	100
GP3224S	500	50	30	500
GP3232S	500	30	30	100
GP3233S	500	20	30	100
GP3234S	500	20	10	50
GP3235S	300	20	20	150
GP3236	500	30	30	200
GP3237	500	N	20	150
GP3238	300	N	20	70
GP3239	500	N	20	200
GP3240	300	N	20	100
GP3241	500	N	20	200
GP3242	500	100	20	100
GP4000S	700	20	20	100
GP4001S	300	20	20	200
GP4002S	700	20	10	150
GP4003S	300	20	20	200
GP4004S	500	30	30	500
GP4005S	500	20	20	100
GP4006S	300	20	20	100
GP4007S	300	20	20	70
GP4008S	500	20	20	70
GP4009S	500	20	15	70
GP4010S	500	30	30	200
GP4011S	200	30	20	200
GP4012S	300	30	30	300
GP4013S	300	30	30	150
GP4014S	300	N	30	200
GP4015S	300	20	20	150
GP4016S	300	30	20	500
GP4017S	300	N	20	200
GP4018S	300	N	20	200
GP4019S	500	N	15	100
GP4020S	300	20	15	70
GP4021S	300	20	15	100
GP4022S	300	N	15	70
GP4023S	300	N	15	200
GP4025S	500	20	15	70
GP4026S	300	N	15	100

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Latitude	Longitude	Mg-pct. s	Ca-pct. s	Fe-pct. s	Ti-pct. s	Mn-ppm s	V-ppm s	Cr-ppm s	Ni-ppm s	Co-ppm s	Sc-ppm s
GP4027S	48 6 20	120 40 18	1.5	2.0	5.0	.30	500	150	50	20	15	15
GP4028S	48 6 16	120 40 28	1.0	1.5	3.0	.30	500	70	50	30	15	10
GP4029S	48 6 0	120 40 52	2.0	2.0	7.0	.70	1,000	300	50	30	20	15
GP4030S	48 5 51	120 41 8	1.5	2.0	3.0	.50	700	100	30	15	15	10
GP4031S	48 5 41	120 41 20	1.5	2.0	3.0	.70	700	100	100	20	15	15
GP4032S	48 17 4	120 53 8	2.0	1.5	5.0	.30	500	300	100	30	15	15
GP4033S	48 17 10	120 53 13	1.5	2.0	3.0	.30	700	70	150	70	20	15
GP4034S	48 17 7	120 53 14	2.0	3.0	7.0	.50	1,000	300	50	20	20	20
GP4035S	48 21 16	120 53 3	1.5	1.5	3.0	.50	500	100	50	20	15	10
GP4036S	48 21 30	120 52 36	1.5	2.0	3.0	.50	500	150	50	20	15	15
GP4037S	48 21 33	120 52 28	1.5	2.0	3.0	.50	700	100	50	15	15	15
GP4038S	48 21 46	120 52 6	1.5	2.0	5.0	.70	700	200	50	20	15	20
GP4039S	48 16 50	120 43 48	1.5	2.0	5.0	.50	700	150	70	50	10	10
GP4040S	48 16 48	120 43 43	1.5	1.5	3.0	.30	500	150	30	20	10	10
GP4041S	48 16 59	120 43 31	2.0	2.0	3.0	.50	500	100	150	50	15	15
GP4042S	48 17 19	120 43 1	3.0	2.0	7.0	.70	700	200	200	100	30	20
GP4043S	48 17 41	120 42 36	2.0	2.0	5.0	.70	700	200	150	70	20	20
GP4044S	48 17 37	120 42 34	2.0	2.0	5.0	1.00	1,000	200	100	70	15	15
GP4046S	48 18 57	120 40 44	2.0	2.0	5.0	.70	700	150	100	50	15	15
GP4047S	48 11 22	120 42 10	2.0	2.0	5.0	.50	700	200	200	100	20	15
GP4048S	48 11 34	120 43 15	2.0	2.0	5.0	.50	700	150	150	30	20	15
GP4049S	48 11 41	120 44 38	2.0	2.0	5.0	.50	700	300	150	70	30	20
GP4050S	48 11 44	120 46 23	3.0	2.0	7.0	.50	1,000	300	200	100	30	20
GP4053S	48 21 20	121 20 54	3.0	2.0	7.0	.70	1,000	300	200	70	30	30
GP4054S	48 17 58	121 9 25	3.0	2.0	5.0	.70	1,000	200	500	200	30	20
GP4055S	48 20 0	121 8 3	3.0	2.0	5.0	.70	700	200	500	200	50	20
GP4056S	48 16 2	121 8 31	2.0	2.0	5.0	.70	1,000	200	200	100	30	20
GP4057S	48 16 36	121 2 31	2.0	2.0	5.0	.50	700	150	150	70	20	20
GP4058	48 27 13	121 15 27	3.0	2.0	5.0	.50	2,000	200	500	200	20	20
GP4059	48 27 9	121 15 30	2.0	2.0	3.0	.30	1,500	150	150	70	15	20
GP4060	48 27 8	121 15 32	3.0	2.0	5.0	.50	1,000	200	500	150	20	20
GP4061	48 27 6	121 15 31	2.0	2.0	5.0	.50	1,000	200	200	100	20	15
GP4062	48 27 6	121 15 22	2.0	2.0	5.0	.50	1,000	200	200	70	15	20
GP4063	48 27 13	121 15 19	3.0	2.0	5.0	.50	1,500	200	300	150	20	20
GP4064	48 19 24	120 41 25	2.0	2.0	3.0	.50	1,000	100	70	30	10	10
GP4065	48 20 22	120 42 48	1.5	1.5	2.0	.30	1,000	100	100	20	10	10
GP4066	48 21 2	120 43 33	3.0	3.0	7.0	1.00	1,500	300	100	50	20	20
GP4067	48 21 21	120 43 53	2.0	3.0	5.0	.70	1,000	150	150	70	15	20
GX0001	47 47 36	121 3 32	2.0	2.0	5.0	.50	1,500	100	100	30	15	20
GX0002	47 49 37	121 2 1	1.5	.7	5.0	.30	300	50	70	20	10	15
GX0004	47 58 40	120 43 30	2.0	2.0	2.0	.50	1,500	200	100	70	20	20
GX0005	47 59 23	120 42 55	2.0	2.0	5.0	.50	2,000	200	100	50	30	20
GX0006	47 59 21	120 42 50	2.0	3.0	5.0	.50	1,500	200	70	20	20	20
GX0007	47 58 56	120 41 30	2.0	2.0	5.0	.50	2,000	150	70	20	20	20
GX0008	47 51 19	120 37 19	3.0	2.0	5.0	.70	1,500	200	150	150	30	20

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Cu-ppm s	Mo-ppm s	W-ppm cm	Bi-ppm s	Au-ppm aa	Pb-ppm s	Ag-ppm s	Zn-ppm aa	Zn-ppm s	As-ppm s	B-ppm s	Be-ppm s	Sr-ppm s
GP4027S	20	N	--	N	.006	10	N	--	N	N	30	<1.0	500
GP4028S	20	N	--	N	<.002	10	N	--	N	N	30	1.0	300
GP4029S	20	N	--	N	.005	15	N	--	<200	N	20	<1.0	500
GP4030S	20	N	--	N	.002	10	N	--	N	N	30	1.0	300
GP4031S	20	N	--	N	.003	10	N	--	N	N	30	1.0	300
GP4032S	30	N	--	N	.020	30	N	--	<200	N	70	N	300
GP4033S	50	N	--	N	.006	20	N	--	200	N	50	1.0	300
GP4034S	70	N	--	N	.005	15	N	--	200	N	20	N	300
GP4035S	20	N	--	N	.004	20	N	--	N	N	20	1.0	300
GP4036S	15	N	--	N	.003	10	N	--	N	N	15	<1.0	500
GP4037S	10	N	--	N	.004	15	N	--	N	N	15	1.0	500
GP4038S	15	N	--	N	.004	15	N	--	N	N	15	<1.0	500
GP4039S	20	N	--	N	.006	10	N	--	N	N	10	1.0	500
GP4040S	15	N	--	N	.020	10	N	--	N	N	20	<1.0	300
GP4041S	20	N	--	N	.007	10	N	--	N	N	10	<1.0	700
GP4042S	30	N	--	N	.009	10	N	--	N	N	10	<1.0	500
GP4043S	20	N	--	N	.007	10	N	--	N	N	10	<1.0	700
GP4044S	20	N	--	N	.004	10	N	--	<200	N	10	<1.0	500
GP4046S	20	N	--	N	.006	10	N	--	N	N	10	1.0	700
GP4047S	20	N	--	N	.006	10	N	--	<200	N	15	<1.0	500
GP4048S	20	N	--	N	.020	20	N	--	N	N	20	1.0	300
GP4049S	50	5	--	N	.020	15	N	--	N	N	15	1.0	300
GP4050S	70	5	--	N	.200	30	N	--	<200	N	15	N	300
GP4053S	20	10	--	N	.006	10	N	--	N	N	10	<1.0	500
GP4054S	30	N	--	N	.004	10	N	--	N	N	20	1.0	300
GP4055S	20	N	--	N	<.002	10	N	--	N	N	10	<1.0	300
GP4056S	20	N	--	N	N	10	N	--	N	N	10	1.0	300
GP4057S	20	N	--	N	.002	20	N	--	N	N	15	<1.0	300
GP4058	30	N	--	N	.004	10	N	--	N	N	20	1.0	200
GP4059	30	N	--	N	<.002	20	N	--	N	N	10	1.5	300
GP4060	30	N	--	N	.003	20	N	--	N	N	20	1.5	500
GP4061	30	N	--	N	<.002	20	<.5	--	N	N	20	1.5	500
GP4062	20	N	--	N	<.002	30	N	--	N	N	20	1.0	500
GP4063	30	N	--	N	<.002	20	N	--	N	N	20	1.5	300
GP4064	20	N	0	N	.0	20	N	0	N	N	10	1.5	500
GP4065	20	N	--	N	<.002	20	N	--	N	N	15	1.5	500
GP4066	30	N	--	N	.002	20	N	--	N	N	15	1.0	700
GP4067	15	5	--	N	.003	30	N	--	N	N	20	1.0	700
GX0001	20	N	N	N	N	20	N	45	N	N	20	1.0	300
GX0002	20	N	N	N	N	10	N	35	N	N	20	<1.0	200
GX0004	50	N	N	N	N	20	N	130	N	N	20	1.0	500
GX0005	30	N	N	N	N	50	N	120	N	N	10	1.0	500
GX0006	30	N	N	N	<.050	20	N	90	N	N	10	1.0	700
GX0007	20	N	N	N	<.050	30	N	70	N	N	10	1.0	700
GX0008	70	N	3	N	N	20	N	65	N	N	20	1.0	500

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Ba-ppm s	La-ppm s	Y-ppm s	Zr-ppm s
GP4027S	500	20	15	100
GP4028S	300	20	50	100
GP4029S	300	20	20	100
GP4030S	300	20	15	150
GP4031S	300	20	20	100
GP4032S	500	N	15	70
GP4033S	300	20	15	70
GP4034S	300	N	20	70
GP4035S	500	20	20	100
GP4036S	500	20	30	150
GP4037S	700	20	20	200
GP4038S	700	50	30	200
GP4039S	500	30	20	100
GP4040S	500	30	15	50
GP4041S	500	30	15	70
GP4042S	500	30	20	100
GP4043S	700	50	30	150
GP4044S	700	50	20	100
GP4046S	700	50	20	150
GP4047S	500	20	20	100
GP4048S	500	20	15	100
GP4049S	700	20	20	100
GP4050S	700	N	20	200
GP4053S	200	N	20	50
GP4054S	500	20	30	100
GP4055S	300	20	30	70
GP4056S	500	20	30	100
GP4057S	500	20	30	150
GP4058	500	N	50	150
GP4059	500	20	30	70
GP4060	700	N	15	70
GP4061	500	N	15	100
GP4062	1,000	20	30	100
GP4063	500	N	30	100
GP4064	500	20	15	100
GP4065	500	30	10	150
GP4066	500	20	20	150
GP4067	700	N	20	200
GX0001	500	50	20	100
GX0002	150	<20	10	50
GX0004	500	50	30	150
GX0005	500	50	30	300
GX0006	500	50	30	150
GX0007	500	50	30	200
GX0008	500	50	30	150

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Latitude	Longitude	Mg-pct. s	Ca-pct. s	Fe-pct. s	Ti-pct. s	Mn-ppm s	V-ppm s	Cr-ppm s	Ni-ppm s	Co-ppm s	Sc-ppm s
GX0009	47 51 30	120 37 34	2.0	1.[illegible]	3.0	.50	1,000	100	150	100	20	10
GX0010	47 52 15	120 38 0	2.0	2.[illegible]	5.0	.50	1,500	150	70	70	20	20
GX0011	47 55 57	120 38 55	2.0	3.[illegible]	5.0	.50	2,000	150	50	20	20	20
GX0014	47 54 43	121 11 24	2.0	1.[illegible]	5.0	.50	2,000	200	100	30	15	20
GX0015	47 54 59	121 11 30	2.0	1.[illegible]	5.0	.50	1,000	200	200	100	20	20
GX0016	47 54 51	121 11 40	2.0	1.[illegible]	7.0	.50	1,500	200	200	70	20	30
GX0017	47 54 40	121 11 47	2.0	1.[illegible]	5.0	.70	1,000	200	200	100	30	30
GX0018	47 54 35	121 11 35	2.0	1.[illegible]	5.0	.50	1,000	150	150	70	20	20
GX0019	47 54 29	121 11 43	2.0	2.0	7.0	.70	2,000	200	300	100	50	50
GX0020	47 54 22	121 11 50	2.0	1.[illegible]	7.0	.50	1,000	200	200	100	50	30
GX0021	47 54 22	121 12 4	2.0	2.0	7.0	.70	2,000	200	150	100	20	30
GX0022	47 54 5	121 12 23	2.0	2.0	7.0	.70	1,500	200	200	100	30	30
GX0023	47 53 57	121 12 45	2.0	2.0	7.0	.50	1,500	200	100	50	20	20
GX0024	47 53 33	121 13 37	2.0	2.0	7.0	.70	1,500	200	200	100	20	30
GX0026	47 53 32	121 14 1	2.0	2.0	7.0	.70	1,000	200	200	100	50	30
GX0027	47 53 43	121 14 19	2.0	2.0	7.0	.70	2,000	200	150	100	20	30
GX0028	47 53 52	121 14 39	2.0	1.5	5.0	.50	1,000	200	150	150	20	20
GX0029	47 53 57	121 15 0	2.0	1.5	5.0	.50	1,500	200	150	100	20	20
GX0030	47 53 57	121 15 28	3.0	2.0	7.0	.70	2,000	200	200	100	20	30
GX0032	47 54 0	121 16 23	2.0	1.5	7.0	.50	1,500	200	100	70	20	20
GX0041	47 51 35	120 33 7	2.0	1.5	5.0	.50	1,000	150	70	30	20	20
GX0042	47 51 18	120 32 39	2.0	3.0	7.0	1.00	2,000	200	100	50	30	30
GX0043	47 50 39	120 31 4	2.0	2.0	3.0	.50	1,500	150	70	20	20	20
GX0044	47 50 34	120 31 0	2.0	2.0	5.0	.50	1,500	150	100	50	20	20
GX0045	47 50 34	120 31 27	2.0	2.0	5.0	.70	2,000	200	70	30	20	20
GX0046	47 50 25	120 35 3	3.0	2.0	5.0	.50	1,000	150	300	150	30	20
GX0047	47 57 49	120 42 39	2.0	2.0	3.0	.50	1,000	150	100	50	20	20
GX0048	47 58 8	120 42 58	2.0	2.0	5.0	1.00	2,000	200	100	30	20	30
GX0049	47 53 47	120 40 17	2.0	2.0	5.0	.50	1,500	200	100	30	30	30
GX0054	47 59 25	120 49 15	3.0	5.0	5.0	.50	2,000	200	150	50	30	30
GX0201	47 51 14	120 58 26	2.0	1.5	5.0	.50	2,000	150	100	70	20	20
GX0202	47 52 9	121 0 19	1.0	1.5	3.0	.20	1,500	50	70	30	10	10
GX0203	47 52 18	121 0 59	1.0	1.0	3.0	.50	1,000	100	70	50	20	10
GX0204	47 51 30	121 5 28	1.0	1.5	3.0	.70	2,000	100	70	30	10	15
GX0205	47 51 31	121 6 3	1.0	1.0	3.0	.50	3,000	100	50	30	30	15
GX0206	47 51 29	121 6 2	2.0	2.0	3.0	.50	2,000	150	150	30	15	20
GX0207	47 51 38	121 5 51	2.0	1.5	3.0	.50	1,500	100	70	30	15	15
GX0209	47 51 57	121 4 59	1.0	1.0	3.0	.50	1,500	100	70	30	15	15
GX0210	47 56 12	120 36 40	.7	1.0	2.0	.30	300	30	70	10	10	10
GX0211	47 56 15	120 36 45	1.5	2.0	3.0	.50	2,000	150	50	50	20	15
GX0212	47 56 22	120 35 11	2.0	2.0	5.0	.50	2,000	150	100	30	20	20
GX0213	47 55 18	120 37 57	1.5	2.0	3.0	.50	1,500	100	50	10	15	20
GX0214	47 54 3	120 36 18	2.0	2.0	5.0	.50	2,000	150	70	10	20	20
GX0215	47 59 37	121 6 6	2.0	1.5	5.0	.50	1,000	150	150	70	20	15
GX0216	47 59 34	121 5 40	.7	1.5	2.0	.30	500	100	70	20	10	10

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Cu-ppm s	Mo-ppm s	W-ppm cm	Bi-ppm s	Au-ppm aa	Pb-ppm s	Ag-ppm s	Zn-ppm aa	Zn-ppm s	As-ppm s	B-ppm s	Be-ppm s	Sr-ppm s
GX0009	50	N	N	N	N	20	N	55	N	N	10	1.0	200
GX0010	50	N	<1	N	.050	10	N	55	N	N	20	1.0	1,000
GX0011	10	N	N	N	--	20	N	25	N	N	10	1.0	300
GX0014	30	N	N	N	N	20	N	80	N	N	10	1.0	300
GX0015	50	N	N	N	N	20	N	100	N	N	10	1.0	300
GX0016	50	N	N	N	N	20	N	110	N	N	100	1.0	200
GX0017	70	N	N	N	N	30	N	95	N	N	20	<1.0	300
GX0018	50	N	N	N	N	30	N	100	N	N	10	<1.0	300
GX0019	100	N	<1	N	N	30	N	120	N	N	20	<1.0	500
GX0020	70	N	N	N	N	20	N	95	N	N	20	1.0	300
GX0021	70	N	N	N	N	20	N	75	N	N	20	<1.0	500
GX0022	70	N	N	N	N	20	N	45	N	N	20	<1.0	500
GX0023	50	N	N	N	N	20	N	60	N	N	10	<1.0	700
GX0024	70	N	N	N	N	30	N	65	N	N	20	<1.0	700
GX0026	100	N	N	N	N	30	N	100	N	N	50	1.0	500
GX0027	70	N	N	N	N	20	N	60	N	N	20	1.0	700
GX0028	50	N	N	N	N	20	N	75	N	N	50	1.0	300
GX0029	50	N	N	N	N	30	N	75	N	N	70	1.0	300
GX0030	70	N	N	N	N	50	N	90	N	N	20	1.0	500
GX0032	50	N	<1	N	N	20	N	90	N	N	200	1.0	300
GX0041	20	N	N	N	N	10	N	20	N	N	20	1.0	700
GX0042	20	N	N	N	N	20	N	45	N	N	20	1.0	1,000
GX0043	20	N	<1	N	N	10	N	20	N	N	10	<1.0	700
GX0044	20	N	<1	N	N	10	N	30	N	N	10	1.0	700
GX0045	20	N	N	N	N	20	N	45	N	N	10	1.0	700
GX0046	50	N	<1	N	N	15	N	40	N	N	10	1.0	500
GX0047	30	N	N	N	N	10	N	35	N	N	20	1.0	500
GX0048	30	N	N	N	N	20	N	55	N	N	10	<1.0	700
GX0049	30	N	<1	N	N	20	N	35	N	N	20	1.0	700
GX0054	70	N	N	N	N	30	N	55	N	N	20	1.0	700
GX0201	50	N	N	N	N	30	N	75	N	N	100	1.0	300
GX0202	15	N	N	N	N	15	N	60	N	N	20	1.0	300
GX0203	20	N	N	N	N	20	N	65	N	N	150	1.0	500
GX0204	20	N	N	N	N	20	N	25	N	N	100	1.0	300
GX0205	20	N	N	N	N	50	N	65	N	N	100	1.0	500
GX0206	20	N	<1	N	N	30	N	45	N	N	100	1.0	500
GX0207	20	N	2	N	N	30	N	70	N	N	100	1.0	300
GX0209	20	N	N	N	N	20	N	40	N	N	150	1.0	300
GX0210	5	N	N	N	N	10	N	20	N	N	10	<1.0	200
GX0211	20	N	N	N	N	20	N	25	N	N	20	1.0	700
GX0212	30	N	N	N	N	20	N	40	N	N	20	1.0	700
GX0213	50	N	N	N	N	20	N	25	N	N	20	1.0	700
GX0214	20	N	N	N	N	20	N	25	N	N	20	1.0	700
GX0215	70	N	N	N	N	20	N	70	N	N	50	1.0	500
GX0216	30	N	N	N	N	20	N	45	N	N	50	1.0	300

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Ba-ppm s	La-ppm s	Y-ppm s	Zr-ppm s
GX0009	500	50	20	100
GX0010	500	50	20	200
GX0011	700	50	20	200
GX0014	500	50	30	100
GX0015	500	50	20	200
GX0016	500	50	30	100
GX0017	700	50	30	200
GX0018	500	50	30	200
GX0019	700	50	50	200
GX0020	700	50	50	200
GX0021	500	50	30	200
GX0022	500	50	30	150
GX0023	500	50	50	200
GX0024	700	50	20	200
GX0026	700	50	30	200
GX0027	500	50	20	100
GX0028	500	50	30	150
GX0029	500	50	30	150
GX0030	700	50	30	200
GX0032	500	50	30	100
GX0041	500	50	20	100
GX0042	500	50	30	500
GX0043	300	50	20	150
GX0044	300	50	20	200
GX0045	500	50	20	200
GX0046	500	50	20	300
GX0047	300	50	20	100
GX0048	300	50	20	200
GX0049	500	50	30	200
GX0054	300	50	20	100
GX0201	500	50	30	100
GX0202	300	50	20	30
GX0203	300	50	20	200
GX0204	200	50	30	200
GX0205	200	50	30	70
GX0206	500	50	20	150
GX0207	300	30	20	100
GX0209	200	50	20	200
GX0210	150	30	<10	100
GX0211	500	50	20	100
GX0212	500	50	20	200
GX0213	700	50	20	70
GX0214	700	50	20	300
GX0215	500	50	20	100
GX0216	300	50	20	70

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Latitude	Longitude	Mg-pct. s	Ca-pct. s	Fe-pct. s	Ti-pct. s	Mn-ppm s	V-ppm s	Cr-ppm s	Ni-ppm s	Co-ppm s	Sc-ppm s
GX0217	47 59 22	121 5 20	1.5	1.5	5.0	.50	2,000	200	100	50	20	20
GX0218	47 59 19	121 4 6	1.5	2.0	5.0	.50	1,000	200	70	20	15	20
GX0219	47 58 54	121 1 51	1.5	2.0	5.0	.50	1,000	200	100	50	20	20
GX0220	47 58 47	121 1 45	1.5	2.0	5.0	.50	2,000	200	100	50	20	20
GX0221	47 58 54	121 1 8	1.5	2.0	5.0	.50	1,500	200	100	50	15	20
GX0222	47 59 26	121 0 1	1.5	2.0	5.0	.50	1,500	200	50	20	15	20
GX0224	47 59 30	120 57 48	1.5	2.0	5.0	.50	2,000	200	100	30	15	20
GX0226	47 51 40	120 36 19	1.5	3.0	5.0	.50	2,000	200	70	20	20	20
GX0228	47 51 39	120 36 5	1.5	3.0	5.0	.50	2,000	200	70	20	20	20
GX0229	47 49 9	121 6 9	3.0	3.0	7.0	.50	2,000	200	500	100	30	30
GX0230	47 49 9	121 6 18	2.0	2.0	3.0	.20	1,500	150	150	50	20	20
GX0231	47 48 20	121 7 13	1.5	1.5	3.0	.50	1,500	150	700	20	10	15
GX0232	47 48 10	121 7 31	.7	.7	2.0	.15	500	70	100	30	10	10
GX0233	47 48 7	121 7 40	1.0	1.0	2.0	.30	1,000	100	100	20	15	15
GX0234	47 48 9	121 9 21	1.5	2.0	3.0	.20	2,000	150	150	30	15	20
GX0235	47 48 20	121 10 16	1.5	1.0	3.0	.30	1,500	150	100	70	20	15
GX0236	47 48 36	121 10 30	1.0	1.0	2.0	.20	1,000	100	70	20	10	15
GX0237	47 49 8	121 10 38	2.0	2.0	5.0	.50	2,000	150	150	30	15	20
GX0239	47 53 20	120 53 30	3.0	2.0	3.0	.50	2,000	100	1,000	500	50	15
GX0240	47 53 9	120 53 15	3.0	2.0	3.0	.50	2,000	150	700	300	30	15
GX0241	47 52 16	121 12 17	1.5	2.0	3.0	.50	1,500	150	100	30	15	15
GX0242	47 52 10	121 12 12	2.0	2.0	5.0	.50	1,500	200	150	70	20	20
GX0243	47 51 55	121 12 16	1.5	2.0	3.0	.50	2,000	200	100	30	15	20
GX0244	47 51 55	121 12 20	1.0	1.0	5.0	.50	1,000	200	100	50	15	15
GX0245	47 51 37	121 12 18	1.0	1.0	3.0	.30	1,000	150	100	50	15	20
GX0246	47 51 31	121 12 20	1.0	1.5	5.0	.50	1,000	200	100	50	15	20
GX0247	47 51 30	121 12 38	1.0	.5	3.0	.30	500	150	100	50	15	15
GX0248	47 51 13	121 12 49	1.0	1.0	3.0	.50	1,000	150	100	50	15	20
GX0249	47 51 7	121 12 54	1.0	1.0	5.0	.50	1,500	200	100	70	20	20
GX0250	47 51 0	121 12 30	.7	.7	3.0	.30	700	150	100	20	15	15
GX0251	47 50 50	121 14 32	1.5	2.0	5.0	.50	1,500	200	100	50	20	20
GX0253	47 51 17	121 15 10	2.0	2.0	5.0	1.00	2,000	200	100	50	20	30
GX0255	47 51 18	121 15 50	1.5	2.0	5.0	.70	2,000	200	150	70	20	30
GX0256	47 51 15	121 15 58	2.0	2.0	5.0	.50	1,000	200	150	70	20	20
GX0257	47 51 23	121 15 52	1.5	1.5	5.0	.50	1,500	200	100	70	20	20
GX0258	47 53 58	120 27 57	3.0	2.0	20.0	1.00	3,000	300	150	100	70	70
GX0259	47 55 27	120 30 40	3.0	3.0	20.0	1.00	3,000	200	200	100	70	70
GX0260	47 55 46	120 32 17	3.0	3.0	20.0	1.00	3,000	200	200	100	70	70
GX0262	47 56 8	120 33 59	3.0	3.0	20.0	1.00	3,000	300	200	100	70	70
GX0263	47 57 19	120 32 19	3.0	2.0	20.0	1.00	3,000	300	150	100	70	70
GX0264	47 59 19	120 35 26	3.0	2.0	20.0	.70	3,000	300	200	100	70	70
GX0266	47 59 45	120 35 51	3.0	3.0	20.0	1.00	3,000	300	200	70	70	70
GX0267	47 45 0	121 6 1	3.0	1.0	20.0	.70	3,000	200	200	100	70	50
GX0268	47 46 27	121 5 27	3.0	3.0	20.0	.70	3,000	200	500	100	50	70
GX0269	47 49 40	121 1 40	3.0	3.0	20.0	1.00	>5,000	200	200	70	50	70

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Cu-ppm s	Mo-ppm s	W-ppm cm	Bi-ppm s	Au-ppm aa	Pb-ppm s	Ag-ppm s	Zn-ppm aa	Zn-ppm s	As-ppm s	B-ppm s	Be-ppm s	Sr-ppm s
GX0217	50	N	N	N	N	50	N	40	N	N	70	1.0	500
GX0218	50	N	N	N	N	20	N	40	N	N	50	1.0	700
GX0219	50	N	N	N	N	20	N	60	N	N	50	1.0	700
GX0220	50	N	N	N	N	20	N	60	N	N	50	1.0	500
GX0221	50	N	N	N	N	20	N	65	N	N	70	1.0	500
GX0222	30	N	N	N	N	10	N	45	N	N	20	1.0	700
GX0224	50	N	N	N	N	20	N	40	N	N	20	1.0	1,000
GX0226	50	N	N	N	N	20	N	30	N	N	20	1.0	1,000
GX0228	30	N	N	N	N	20	N	30	N	N	20	1.0	1,000
GX0229	50	N	1	N	N	20	N	45	N	N	30	1.0	300
GX0230	20	N	N	N	N	20	N	60	N	N	30	1.0	300
GX0231	10	N	N	N	N	30	N	45	N	N	50	1.0	500
GX0232	10	N	N	N	N	15	N	70	N	N	30	1.0	200
GX0233	10	N	N	N	N	15	N	45	N	N	30	1.0	200
GX0234	10	N	N	N	N	30	N	50	N	N	30	1.0	300
GX0235	50	N	<1	N	N	20	N	90	N	N	70	1.0	200
GX0236	15	N	1	N	N	10	N	50	N	N	30	1.0	200
GX0237	10	N	N	N	N	50	N	40	N	N	30	1.0	500
GX0239	50	N	N	N	N	20	N	40	N	N	30	1.0	300
GX0240	20	N	1	N	N	20	N	35	N	N	20	1.0	500
GX0241	20	N	N	N	N	20	N	45	N	N	20	1.0	500
GX0242	50	N	N	N	N	20	N	95	N	N	20	1.0	500
GX0243	30	N	N	N	N	20	N	70	N	N	20	1.0	500
GX0244	50	N	N	N	N	50	N	85	N	N	20	1.0	300
GX0245	30	N	N	N	N	20	N	70	N	N	20	1.0	300
GX0246	20	N	N	N	N	20	N	55	N	N	20	1.0	500
GX0247	50	N	N	N	N	15	N	80	N	N	20	1.0	200
GX0248	70	N	N	N	N	20	N	90	N	N	20	1.0	200
GX0249	50	N	1	N	N	20	N	85	N	N	20	1.0	300
GX0250	20	N	1	N	N	20	N	70	N	N	20	1.0	200
GX0251	50	N	1	N	N	20	N	75	N	N	20	1.0	500
GX0253	30	N	1	N	N	30	N	55	N	N	20	1.0	500
GX0255	50	N	2	N	N	30	N	70	N	N	20	1.0	500
GX0256	50	N	1	N	N	30	N	80	N	N	20	1.0	500
GX0257	50	N	1	N	N	20	N	90	N	N	30	1.0	300
GX0258	50	N	5	N	N	20	N	80	200	N	30	N	150
GX0259	50	N	1	N	N	20	N	90	200	N	30	N	200
GX0260	50	N	N	N	N	10	N	35	<200	N	20	N	200
GX0262	50	N	N	N	N	10	N	35	<200	N	30	N	200
GX0263	50	N	N	N	.050	10	N	40	500	N	50	N	100
GX0264	50	N	1	N	N	10	N	45	200	N	30	N	100
GX0266	50	N	<1	N	N	10	N	35	200	N	30	N	200
GX0267	70	N	--	N	--	500	N	--	500	N	150	1.5	<100
GX0268	50	N	<1	N	<1.000	30	N	85	200	N	50	N	100
GX0269	70	N	<1	N	N	10	N	60	500	N	50	N	<100

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Ba-ppm s	La-ppm s	Y-ppm s	Zr-ppm s
GX0217	500	30	20	200
GX0218	500	30	20	150
GX0219	500	30	20	200
GX0220	500	30	20	100
GX0221	500	30	20	200
GX0222	500	30	20	150
GX0224	500	50	20	150
GX0226	500	30	30	200
GX0228	500	30	20	200
GX0229	500	50	20	100
GX0230	500	30	20	300
GX0231	500	30	10	100
GX0232	300	50	10	70
GX0233	300	50	20	100
GX0234	500	50	20	200
GX0235	300	50	10	70
GX0236	300	50	10	200
GX0237	700	50	20	300
GX0239	500	50	30	70
GX0240	500	50	20	70
GX0241	300	50	20	70
GX0242	500	50	20	150
GX0243	500	50	20	150
GX0244	500	50	20	200
GX0245	500	50	20	200
GX0246	500	50	20	200
GX0247	300	50	15	100
GX0248	300	50	20	100
GX0249	300	50	30	150
GX0250	300	50	20	200
GX0251	500	50	20	150
GX0253	500	50	30	200
GX0255	500	50	30	200
GX0256	500	50	20	150
GX0257	500	50	20	150
GX0258	500	200	150	200
GX0259	500	200	70	500
GX0260	200	200	70	200
GX0262	100	50	50	300
GX0263	100	500	70	300
GX0264	100	100	70	300
GX0266	100	50	70	300
GX0267	200	150	150	1,000
GX0268	200	300	100	700
GX0269	300	50	150	200

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Latitude	Longitude	Mg-pct. s	Ca-pct. s	Fe-pct. s	Ti-pct. s	Mn-ppm s	V-ppm s	Cr-ppm s	Ni-ppm s	Co-ppm s	Sc-ppm s
GX0270	47 56 48	120 59 27	3.0	3.0	20.0	1.00	5,000	200	200	50	50	70
GX0271	47 54 32	120 58 40	3.0	2.0	15.0	.70	3,000	200	200	70	30	70
GX0272	47 55 57	121 2 2	3.0	2.0	20.0	.70	3,000	200	300	100	70	70
GX0273	47 55 35	121 0 40	3.0	1.5	20.0	1.00	5,000	200	200	70	50	70
GX0274	47 55 27	121 0 27	3.0	1.5	20.0	1.00	5,000	200	200	70	50	70
GX0276	47 55 28	121 0 18	3.0	1.5	20.0	.70	5,000	200	200	70	50	100
GX0277	47 55 42	120 58 51	3.0	2.0	20.0	1.00	5,000	200	200	100	70	70
GX0278	47 55 52	120 58 9	2.0	1.5	10.0	.50	2,000	200	100	70	30	30
GX0279	47 58 0	120 47 56	3.0	3.0	5.0	.70	2,000	200	150	70	50	30
GX0280	47 58 37	120 48 40	2.0	3.0	5.0	.50	1,500	200	100	50	30	30
GX0281	48 0 8	120 49 30	2.0	3.0	5.0	.70	2,000	200	150	50	20	30
GX0282	48 2 3	120 51 25	3.0	2.0	5.0	.70	1,500	200	200	150	30	30
GX0283	48 2 9	120 51 25	2.0	2.0	5.0	.50	2,000	150	100	50	20	20
GX0284	48 6 22	120 53 18	3.0	3.0	5.0	.70	1,500	200	200	100	50	30
GX0401	47 52 53	121 0 35	2.0	1.0	5.0	.50	1,500	150	150	100	20	20
GX0402	47 53 16	121 1 51	2.0	2.0	5.0	.50	2,000	150	150	70	20	30
GX0403	47 53 42	121 2 28	1.5	1.5	5.0	.50	2,000	150	100	30	20	20
GX0404	47 53 52	121 3 2	2.0	1.0	5.0	.50	2,000	150	100	30	20	30
GX0405	47 53 50	121 4 0	3.0	2.0	5.0	.50	2,000	200	500	200	50	30
GX0406	47 54 7	121 4 30	2.0	2.0	7.0	.50	2,000	200	200	150	50	30
GX0407	47 54 41	121 5 1	1.5	1.0	5.0	.50	3,000	150	100	70	30	20
GX0409	47 55 8	121 5 14	2.0	1.0	5.0	.50	2,000	150	100	50	20	20
GX0410	47 55 24	121 6 39	2.0	2.0	5.0	.50	2,000	200	100	70	20	20
GX0411	47 55 22	121 6 45	2.0	2.0	5.0	.50	2,000	200	150	70	30	30
GX0412	47 52 17	120 58 28	2.0	1.5	3.0	.50	2,000	100	150	150	20	20
GX0413	47 52 39	120 59 10	2.0	2.0	5.0	.50	3,000	150	100	50	20	20
GX0414	47 51 57	120 57 53	3.0	1.5	3.0	.30	1,500	70	500	200	20	15
GX0415	47 58 8	120 39 14	2.0	2.0	5.0	.50	1,000	150	50	20	20	20
GX0416	47 58 12	120 39 16	2.0	3.0	5.0	.50	2,000	150	70	20	20	20
GX0417	47 58 39	120 38 32	3.0	3.0	5.0	.50	2,000	150	70	20	20	20
GX0418	47 51 7	120 46 36	2.0	3.0	3.0	.50	1,500	150	100	30	20	15
GX0419	47 59 18	120 37 10	3.0	5.0	5.0	.50	2,000	200	150	50	30	30
GX0420	47 59 16	120 37 2	3.0	5.0	5.0	.70	2,000	200	150	30	20	30
GX0421	47 59 40	120 36 0	3.0	7.0	7.0	1.00	3,000	300	150	30	30	50
GX0422	47 59 54	120 35 58	2.0	2.0	5.0	.50	1,500	200	100	50	20	20
GX0423	47 57 28	121 3 11	1.5	1.5	3.0	.30	1,000	150	70	30	30	20
GX0424	47 59 30	121 5 9	2.0	3.0	5.0	.70	2,000	300	200	70	30	30
GX0425	47 59 22	121 4 30	2.0	2.0	5.0	.70	1,000	200	70	50	20	30
GX0426	47 59 10	121 4 16	2.0	2.0	5.0	.70	1,500	150	150	100	20	20
GX0427	47 59 2	121 4 2	1.5	2.0	3.0	.50	1,000	150	100	50	20	20
GX0428	47 58 41	121 2 50	1.5	2.0	3.0	.70	1,500	150	70	30	20	20
GX0429	47 58 59	121 1 46	1.5	2.0	3.0	.50	700	200	100	50	20	20
GX0430	47 59 5	121 1 11	2.0	3.0	5.0	.70	2,000	150	70	20	20	20
GX0431	47 59 12	120 59 48	2.0	3.0	5.0	.70	2,000	150	70	30	20	20
GX0433	47 59 10	120 58 5	2.0	3.0	5.0	.70	2,000	200	150	70	20	30

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Cu-ppm s	Mo-ppm s	W-ppm cm	Bi-ppm s	Au-ppm aa	Pb-ppm s	Ag-ppm s	Zn-ppm aa	Zn-ppm s	As-ppm s	B-ppm s	Be-ppm s	Sr-ppm s
GX0270	70	N	1	N	N	10	N	40	300	N	150	N	200
GX0271	50	N	2	N	N	10	N	75	300	N	100	<1.0	100
GX0272	50	N	1	N	N	10	N	50	300	N	100	N	100
GX0273	100	N	<1	N	N	10	N	85	200	N	150	N	100
GX0274	100	N	1	N	<.500	15	N	75	300	N	150	N	100
GX0276	70	N	<1	N	N	10	N	50	200	N	70	N	<100
GX0277	100	N	1	N	N	20	N	95	<200	N	150	N	200
GX0278	70	N	N	N	N	15	N	65	N	N	100	<1.0	300
GX0279	70	N	<1	N	N	30	N	40	N	N	30	<1.0	700
GX0280	50	N	N	N	N	15	N	35	N	N	20	1.0	700
GX0281	15	N	N	N	N	15	N	35	N	N	20	1.0	1,000
GX0282	70	N	N	N	N	20	N	55	N	N	20	1.0	500
GX0283	70	N	N	N	N	20	N	55	N	N	20	1.0	500
GX0284	70	N	N	N	N	30	N	35	N	N	20	1.0	500
GX0401	50	N	N	N	N	20	N	65	N	N	100	1.0	300
GX0402	50	N	N	N	N	20	N	65	N	N	50	1.0	300
GX0403	50	N	N	N	<.050	20	N	100	N	N	20	1.0	300
GX0404	50	N	N	N	N	15	N	95	N	N	20	1.0	200
GX0405	50	N	N	N	.100	20	N	80	N	N	100	1.0	500
GX0406	100	N	N	N	N	30	N	80	N	N	100	1.0	500
GX0407	50	N	N	N	<.050	30	N	90	N	N	100	1.0	300
GX0409	50	N	N	N	N	20	N	60	N	N	150	1.0	500
GX0410	30	N	N	N	N	20	N	55	N	N	100	1.0	700
GX0411	70	N	N	N	N	30	N	90	N	N	100	1.0	500
GX0412	50	N	N	N	N	20	N	55	N	N	100	1.0	300
GX0413	30	N	N	N	N	30	N	40	N	N	200	1.0	500
GX0414	5	N	N	N	N	20	N	30	N	N	50	1.0	500
GX0415	20	N	N	N	N	20	N	35	N	N	20	1.0	500
GX0416	15	N	N	N	N	20	N	35	N	N	20	1.0	700
GX0417	20	N	N	N	N	30	N	30	N	N	20	1.0	1,000
GX0418	20	N	N	N	N	20	N	20	N	N	10	1.0	700
GX0419	50	N	N	N	N	20	N	40	N	N	20	1.0	700
GX0420	50	N	N	N	N	20	N	30	N	N	20	1.0	700
GX0421	50	N	N	N	N	20	N	25	N	N	20	1.0	700
GX0422	50	N	N	N	N	20	N	30	N	N	20	1.0	500
GX0423	70	N	N	N	N	30	N	45	N	N	20	1.0	300
GX0424	70	N	N	N	N	50	N	65	N	N	100	1.0	700
GX0425	50	N	N	N	N	20	N	35	N	N	100	1.0	700
GX0426	50	N	N	N	N	20	N	45	N	N	50	1.0	500
GX0427	50	N	N	N	N	30	N	45	N	N	70	1.0	500
GX0428	30	N	N	N	N	20	N	35	N	N	50	1.0	500
GX0429	50	N	N	N	N	20	N	50	N	N	100	1.0	500
GX0430	30	N	N	N	N	20	N	85	N	N	20	1.0	1,000
GX0431	20	N	N	N	N	20	N	40	N	N	20	1.0	700
GX0433	70	N	N	N	N	30	N	45	N	N	150	1.0	700

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Ba-ppm s	La-ppm s	Y-ppm s	Zr-ppm s
GX0270	200	50	70	200
GX0271	500	50	70	150
GX0272	300	50	70	200
GX0273	300	50	70	150
GX0274	300	50	70	150
GX0276	300	50	100	200
GX0277	500	50	70	200
GX0278	500	50	20	100
GX0279	300	50	20	300
GX0280	300	50	20	100
GX0281	300	50	30	200
GX0282	300	50	30	150
GX0283	300	50	20	100
GX0284	300	50	20	100
GX0401	500	50	20	70
GX0402	500	50	30	200
GX0403	500	50	20	200
GX0404	500	50	50	50
GX0405	700	50	30	200
GX0406	700	50	50	200
GX0407	500	50	30	150
GX0409	500	50	30	200
GX0410	500	50	20	100
GX0411	700	50	30	200
GX0412	500	50	20	100
GX0413	500	50	30	200
GX0414	500	50	20	50
GX0415	500	50	20	200
GX0416	500	50	20	100
GX0417	700	50	30	150
GX0418	500	50	20	70
GX0419	500	50	30	50
GX0420	500	50	30	200
GX0421	500	50	70	500
GX0422	500	50	20	150
GX0423	300	50	20	70
GX0424	700	50	30	150
GX0425	500	50	20	150
GX0426	300	50	20	100
GX0427	300	50	20	150
GX0428	300	50	20	70
GX0429	300	50	20	100
GX0430	700	50	20	100
GX0431	500	50	20	200
GX0433	500	50	30	150

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Latitude	Longitude	Mg-pct.	s	Ca-pct.	s	Fe-pct.	s	Ti-pct.	s	Mn-ppm	s	V-ppm	s	Cr-ppm	s	Ni-ppm	s	Co-ppm	s	Sc-ppm	s
GX0435	48 4 40	120 46 16	2.0		2.0		5.0		.70		2,000		200		70		20		20		30	
GX0436	48 4 30	120 45 52	2.0		3.0		5.0		.70		2,000		200		100		30		20		30	
GX0437	48 3 27	120 45 53	2.0		3.0		5.0		.70		2,000		200		150		50		30		30	
GX0438	48 2 53	120 45 53	2.0		5.0		5.0		1.00		2,000		200		100		30		30		30	
GX0439	48 1 50	120 45 52	1.5		2.0		5.0		.50		1,500		150		70		30		20		20	
GX0440	48 1 48	120 46 0	2.0		1.5		5.0		.50		1,000		150		150		100		20		20	
GX0441	48 1 33	120 46 7	2.0		2.0		5.0		.70		1,500		150		70		50		20		20	
GX0442	48 1 0	120 45 43	2.0		2.0		5.0		.50		1,500		150		50		30		20		20	
GX0443	47 59 54	120 45 34	2.0		2.0		7.0		.70		2,000		200		100		50		50		30	
GX0444	47 59 40	120 46 9	3.0		5.0		10.0		1.00		2,000		200		150		50		50		30	
GX0445	47 59 40	120 46 20	1.5		1.5		3.0		.50		2,000		150		70		20		20		20	
GX0446	47 59 28	120 45 59	2.0		2.0		7.0		.70		1,500		200		70		30		20		20	
GX0447	47 59 8	120 46 8	1.5		2.0		5.0		.50		1,000		150		70		20		15		15	
GX0448	47 58 49	120 46 30	1.0		2.0		5.0		.50		1,000		150		50		20		15		15	
GX0449	47 54 58	120 41 28	1.5		1.5		3.0		.50		1,000		150		50		30		20		20	
GX0450	47 54 52	120 41 25	1.5		2.0		3.0		.50		1,000		150		50		50		20		20	
GX0451	47 58 20	121 9 51	2.0		1.5		5.0		.50		2,000		200		150		100		50		20	
GX0452	47 58 2	121 10 20	2.0		2.0		3.0		.50		2,000		150		70		30		20		20	
GX0453	47 58 2	121 11 42	2.0		2.0		5.0		.50		2,000		150		70		50		20		20	
GX0454	47 58 8	121 11 42	2.0		2.0		5.0		.70		2,000		200		150		100		50		20	
GX0455	47 58 2	121 12 17	1.5		1.5		5.0		.50		1,000		200		100		70		20		20	
GX0461	47 55 48	121 14 50	2.0		2.0		3.0		.50		2,000		200		100		30		15		20	
GX0462	47 58 7	121 7 50	2.0		1.5		5.0		.50		2,000		200		150		70		20		20	
GX0463	47 58 12	121 7 48	1.5		1.5		5.0		.70		2,000		200		150		100		50		30	
GX0464	47 58 1	121 7 28	2.0		2.0		5.0		.50		2,000		200		70		50		20		20	
GX0465	47 48 40	121 6 30	2.0		2.0		5.0		.50		2,000		200		300		50		30		30	
GX0466	47 48 42	121 6 45	1.5		1.5		3.0		.50		1,000		150		50		20		10		15	
GX0467	47 48 23	121 7 31	2.0		2.0		5.0		.50		2,000		150		100		20		15		20	
GX0468	47 48 20	121 8 30	2.0		2.0		5.0		.50		1,000		150		200		50		20		20	
GX0469	47 48 12	121 8 35	2.0		2.0		5.0		.50		2,000		200		200		70		20		30	
GX0470	47 48 3	121 9 0	2.0		2.0		3.0		.30		1,500		150		150		30		15		20	
GX0471	47 48 8	121 10 2	2.0		1.5		5.0		.50		1,500		200		150		100		20		20	
GX0472	47 49 20	121 6 10	3.0		3.0		5.0		.50		2,000		200		500		150		50		50	
GX0473	47 58 18	121 18 0	2.0		3.0		5.0		.70		2,000		200		100		70		50		30	
GX0477	47 50 10	121 9 0	2.0		2.0		5.0		.50		2,000		200		150		50		30		30	
GX0478	47 51 58	121 10 0	2.0		2.0		5.0		.50		2,000		200		100		50		30		30	
GX0479	47 51 42	121 9 58	2.0		2.0		5.0		.50		2,000		200		150		100		50		30	
GX0480	47 51 20	121 10 30	1.0		1.0		5.0		.50		1,500		150		100		50		20		20	
GX0481	47 50 57	121 10 35	2.0		1.5		3.0		.50		1,000		150		100		50		20		20	
GX0482	47 50 42	121 11 5	2.0		1.5		5.0		.50		2,000		200		150		100		30		20	
GX0483	47 50 8	121 11 27	3.0		2.0		5.0		.50		2,000		200		200		100		30		30	
GX0484	47 54 8	120 28 24	1.0		2.0		3.0		.50		1,500		150		70		15		15		20	
GX0485	47 54 48	120 29 42	2.0		3.0		5.0		.50		2,000		200		70		15		15		20	
GX0486	47 55 57	120 33 25	2.0		2.0		5.0		.50		2,000		200		70		30		20		20	
GX0487	47 58 24	120 33 37	1.0		2.0		3.0		.30		1,500		100		50		10		10		15	

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Cu-ppm s	Mo-ppm s	W-ppm cm	Bi-ppm s	Au-ppm aa	Pb-ppm s	Ag-ppm s	Zn-ppm aa	Zn-ppm s	As-ppm s	B-ppm s	Be-ppm s	Sr-ppm s
GX0435	30	N	N	N	N	20	N	65	N	N	20	1.0	700
GX0436	70	N	1	N	N	20	N	50	N	N	20	1.0	700
GX0437	50	N	N	N	N	30	N	50	N	N	20	1.0	700
GX0438	50	N	N	N	N	30	N	45	N	N	20	1.0	1,000
GX0439	50	N	1	N	N	15	N	45	N	N	20	1.0	500
GX0440	30	N	2	N	N	20	N	45	N	N	50	1.0	500
GX0441	30	N	N	N	N	20	N	40	N	N	20	1.0	700
GX0442	30	N	N	N	N	20	N	40	N	N	20	1.0	700
GX0443	50	N	1	N	N	20	N	50	N	N	20	1.0	700
GX0444	70	N	1	N	N	20	N	55	N	N	20	1.0	1,000
GX0445	20	N	N	N	N	10	N	35	N	N	100	1.0	500
GX0446	30	N	N	N	N	20	N	35	N	N	20	1.0	700
GX0447	30	N	N	N	N	20	N	150	N	N	20	1.0	700
GX0448	30	N	N	N	N	50	N	45	N	N	10	1.0	500
GX0449	20	N	<1	N	N	10	N	65	N	N	20	1.0	500
GX0450	30	N	N	N	N	15	N	50	N	N	20	1.0	500
GX0451	200	5	<1	N	N	100	<.5	170	N	N	20	1.0	500
GX0452	50	N	1	N	N	50	N	180	N	N	70	1.0	500
GX0453	70	N	N	N	N	50	N	200	N	N	70	1.0	500
GX0454	150	N	N	N	N	70	N	180	N	N	70	1.0	500
GX0455	50	N	N	N	N	20	N	80	N	N	50	1.0	500
GX0461	30	N	N	N	N	20	N	70	N	N	30	1.0	700
GX0462	70	N	N	N	N	30	N	130	N	N	100	1.0	500
GX0463	100	N	N	N	N	50	N	140	N	N	100	1.0	500
GX0464	50	N	N	N	N	50	N	65	N	N	50	1.0	700
GX0465	15	N	N	N	N	30	N	55	N	N	20	1.0	500
GX0466	5	N	N	N	N	20	N	65	N	N	20	1.0	300
GX0467	5	N	N	N	N	20	N	50	N	N	20	1.0	500
GX0468	15	N	N	N	.100	30	N	70	N	N	30	1.0	500
GX0469	10	N	N	N	N	30	N	50	N	N	20	1.0	500
GX0470	10	N	N	N	N	30	N	45	N	N	50	1.0	500
GX0471	50	N	<1	N	N	20	N	90	N	N	100	1.0	500
GX0472	20	N	N	N	N	50	N	65	N	N	20	1.0	300
GX0473	100	N	<1	N	N	70	N	75	N	N	50	1.0	300
GX0477	10	N	N	N	N	20	N	60	N	N	20	1.0	300
GX0478	70	N	N	N	N	30	N	95	N	N	50	1.0	500
GX0479	70	N	<1	N	N	30	N	100	N	N	200	1.0	500
GX0480	50	N	<1	N	N	15	N	85	N	N	50	1.0	300
GX0481	30	N	<1	N	<.200	30	N	80	N	N	100	1.0	300
GX0482	70	N	N	N	N	20	N	100	N	N	100	1.0	500
GX0483	30	N	N	N	N	20	N	60	N	N	20	1.0	500
GX0484	50	N	<1	N	N	20	N	40	N	N	10	1.0	500
GX0485	20	N	<1	N	N	20	N	30	N	N	10	1.0	500
GX0486	30	N	N	N	N	20	N	25	N	N	20	1.0	700
GX0487	15	N	N	N	N	20	N	30	N	N	20	1.0	500

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Ba-ppm s	La-ppm s	Y-ppm s	Zr-ppm s
GX0435	500	50	30	150
GX0436	500	50	20	100
GX0437	500	50	30	200
GX0438	500	50	30	200
GX0439	500	50	20	100
GX0440	500	50	20	300
GX0441	700	50	30	300
GX0442	500	50	20	100
GX0443	500	50	20	100
GX0444	700	50	30	300
GX0445	500	50	20	50
GX0446	700	50	20	300
GX0447	700	50	20	100
GX0448	500	50	20	200
GX0449	500	50	20	100
GX0450	500	50	20	200
GX0451	500	50	20	200
GX0452	500	50	20	150
GX0453	500	50	20	100
GX0454	500	50	20	150
GX0455	500	50	20	150
GX0461	500	50	30	150
GX0462	500	50	30	100
GX0463	700	50	30	200
GX0464	500	50	20	100
GX0465	500	50	30	200
GX0466	500	50	20	200
GX0467	500	50	20	150
GX0468	500	50	20	200
GX0469	500	50	30	200
GX0470	700	50	20	200
GX0471	500	50	20	150
GX0472	300	50	50	200
GX0473	500	50	50	300
GX0477	500	50	30	150
GX0478	500	50	30	200
GX0479	500	50	50	200
GX0480	500	50	20	70
GX0481	500	50	20	150
GX0482	500	50	50	200
GX0483	500	50	50	200
GX0484	700	70	50	200
GX0485	700	70	20	200
GX0486	500	50	20	150
GX0487	700	70	20	200

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Latitude	Longitude	Mg-pct. s	Ca-pct. s	Fe-pct. s	Ti-pct. s	Mn-ppm s	V-ppm s	Cr-ppm s	Ni-ppm s	Co-ppm s	Sc-ppm s
GX0488	47 59 11	120 34 49	2.0	5.0	5.0	.50	2,000	200	70	20	20	30
GX0489	47 45 10	121 7 41	2.0	2.0	3.0	.30	1,000	100	150	20	10	15
GX0490	47 46 20	121 5 27	1.0	2.0	2.0	.20	1,000	70	70	20	10	10
GX0491	47 48 43	121 3 59	2.0	2.0	5.0	.50	1,000	200	150	50	20	30
GX0492	47 56 52	120 59 26	2.0	3.0	5.0	.50	1,000	300	150	100	30	30
GX0493	47 54 53	121 1 37	2.0	2.0	5.0	.70	3,000	200	200	50	20	30
GX0494	47 55 27	121 0 40	2.0	1.5	5.0	.50	2,000	150	100	50	20	20
GX0495	47 55 9	120 59 50	2.0	1.5	5.0	.50	1,000	200	150	100	20	20
GX0496	47 55 23	120 58 47	2.0	2.0	5.0	.50	700	200	150	100	20	20
GX0498	47 56 48	120 56 10	2.0	2.0	5.0	.50	2,000	200	150	100	20	30
GX0499	47 56 51	120 56 12	2.0	2.0	3.0	.50	1,500	200	150	100	20	20
GX0500	47 57 2	120 56 25	2.0	2.0	3.0	.50	1,000	200	150	150	20	20
GX0501	47 51 15	120 30 0	2.0	2.0	5.0	.70	1,000	150	100	50	20	20
GX0502	47 51 37	120 30 50	2.0	3.0	5.0	.70	1,500	150	100	30	20	20
GX0601	47 59 50	120 39 50	2.0	2.0	5.0	.50	1,500	150	70	50	20	15
GX0602	47 58 10	121 6 23	1.5	1.0	3.0	.30	1,000	150	70	50	20	15
GX0603	47 58 7	121 6 30	2.0	1.5	10.0	1.00	3,000	200	150	50	20	50
GX0605	47 57 42	121 5 47	2.0	1.0	5.0	.50	2,000	200	150	50	20	30
GX0606	47 57 46	121 5 46	2.0	1.5	10.0	.70	2,000	200	200	70	30	50
GX0607	47 57 28	121 5 23	2.0	1.5	5.0	.70	1,000	200	150	70	20	20
GX0608	47 57 3	121 5 10	2.0	1.0	5.0	.50	2,000	150	100	30	20	20
GX0609	47 56 47	121 5 18	2.0	1.5	5.0	.50	2,000	200	150	70	20	20
GX0610	47 56 48	121 5 13	2.0	1.0	5.0	.50	2,000	200	100	70	20	20
GX0611	47 56 24	121 5 2	2.0	1.5	3.0	.50	1,500	200	70	70	20	20
GX0612	47 55 47	121 4 57	2.0	1.5	5.0	.50	2,000	200	100	70	20	20
GX0613	47 55 32	121 5 0	2.0	1.5	5.0	.50	2,000	200	150	70	30	30
GX0614	47 55 19	121 5 5	2.0	1.0	5.0	.50	2,000	150	70	50	20	20
GX0615	47 55 30	120 55 50	2.0	1.0	5.0	.70	2,000	150	70	50	20	20
GX0616	47 55 40	120 55 48	2.0	1.5	3.0	.50	700	150	70	50	15	20
GX0617	47 55 22	120 55 35	2.0	1.0	5.0	.70	2,000	150	70	50	20	20
GX0618	47 54 57	120 54 58	2.0	1.5	3.0	.70	700	150	100	50	20	20
GX0619	47 54 41	120 54 43	1.5	1.0	3.0	.50	500	100	70	50	20	10
GX0620	47 54 25	120 54 30	2.0	2.0	3.0	.50	1,000	200	150	70	20	20
GX0621	47 54 18	120 53 40	2.0	2.0	7.0	.70	2,000	300	500	100	20	30
GX0622	47 53 18	120 53 13	5.0	2.0	5.0	.70	2,000	150	1,500	500	50	20
GX0624	47 56 17	121 10 46	2.0	2.0	5.0	.50	1,500	200	150	70	20	20
GX0625	47 56 20	121 10 49	2.0	2.0	5.0	.50	2,000	200	100	50	20	30
GX0626	47 56 18	121 10 38	2.0	2.0	5.0	.70	2,000	200	100	50	20	30
GX0627	47 56 25	121 10 59	2.0	2.0	5.0	.70	1,000	200	150	70	20	20
GX0628	47 56 20	121 11 20	1.5	2.0	5.0	.50	1,000	200	150	70	20	20
GX0629	47 56 23	121 11 33	2.0	2.0	5.0	.70	1,500	300	200	100	20	30
GX0630	47 56 31	121 12 2	1.5	1.0	5.0	.50	1,000	200	100	70	20	20
GX0631	47 56 39	121 11 59	1.5	1.5	5.0	.50	1,000	200	100	70	20	30
GX0632	47 56 36	121 12 20	2.0	1.5	5.0	1.00	2,000	300	150	70	20	30
GX0633	47 56 42	121 12 40	2.0	1.0	5.0	.50	1,500	200	200	150	30	30

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Cu-ppm s	Mo-ppm s	W-ppm cm	Bi-ppm s	Au-ppm aa	Pb-ppm s	Ag-ppm s	Zn-ppm aa	Zn-ppm s	As-ppm s	B-ppm s	Be-ppm s	Sr-ppm s
GX0488	20	N	N	N	N	20	N	30	N	N	20	1.0	700
GX0489	15	N	<1	N	N	70	N	40	N	N	20	1.0	500
GX0490	10	N	N	N	N	50	N	40	N	N	20	1.0	500
GX0491	20	N	N	N	N	30	N	35	N	N	20	1.0	500
GX0492	200	N	N	N	N	30	N	60	N	N	100	1.0	500
GX0493	50	N	<1	N	N	30	N	60	N	N	50	1.0	500
GX0494	50	N	N	N	N	30	N	65	N	N	100	1.0	500
GX0495	70	N	<1	N	N	50	N	80	N	N	150	1.0	500
GX0496	100	N	N	N	N	30	N	65	N	N	100	1.0	700
GX0498	50	N	N	N	N	20	N	40	N	N	50	1.0	500
GX0499	50	N	N	N	N	10	N	40	N	N	70	1.0	500
GX0500	20	N	<1	N	N	10	N	15	N	N	10	<1.0	300
GX0501	20	N	N	N	N	10	N	30	N	N	10	1.0	500
GX0502	20	N	<1	N	N	20	N	35	N	N	10	1.0	700
GX0601	30	N	N	N	N	20	N	55	N	N	20	1.0	500
GX0602	50	N	<1	N	N	20	N	30	N	N	70	1.0	200
GX0603	70	N	<1	N	N	20	N	80	N	N	200	<1.0	300
GX0605	70	N	N	N	N	20	N	80	N	N	100	1.0	300
GX0606	70	N	<1	N	N	30	N	170	N	N	200	1.0	500
GX0607	70	N	N	N	N	30	N	45	N	N	100	1.0	500
GX0608	50	N	<1	N	N	20	N	60	N	N	150	1.0	300
GX0609	50	N	<1	N	N	30	N	60	N	N	100	1.0	700
GX0610	50	N	<1	N	N	20	N	60	N	N	100	1.0	500
GX0611	70	N	N	N	N	30	N	60	N	N	70	1.0	500
GX0612	70	N	N	N	N	30	N	65	N	N	100	1.0	500
GX0613	70	N	<1	N	N	30	N	90	N	N	100	1.0	500
GX0614	50	N	<1	N	N	20	N	70	N	N	100	1.0	300
GX0615	50	N	N	N	N	10	N	45	N	N	70	1.0	300
GX0616	30	N	N	N	N	10	N	50	N	N	70	1.0	500
GX0617	70	N	<1	N	N	20	N	45	N	N	70	1.0	300
GX0618	70	N	N	N	N	20	N	50	N	N	100	1.0	500
GX0619	50	N	N	N	N	15	N	50	N	N	70	1.0	300
GX0620	30	N	N	N	N	20	N	45	N	N	100	1.0	500
GX0621	50	N	<1	N	N	20	N	55	N	N	100	1.0	500
GX0622	20	N	<1	N	N	15	N	25	N	N	30	1.0	300
GX0624	70	N	<1	N	N	20	N	100	N	N	30	1.0	300
GX0625	70	N	<1	N	N	50	N	110	N	N	100	1.0	300
GX0626	20	N	<1	N	N	20	N	60	N	N	100	1.0	500
GX0627	50	N	<1	N	N	30	N	80	N	N	100	1.0	500
GX0628	50	N	<1	N	N	30	N	65	N	N	30	1.0	300
GX0629	50	N	<1	N	N	30	N	90	N	N	50	1.0	500
GX0630	70	N	<1	N	N	20	N	110	N	N	20	1.0	300
GX0631	50	N	<1	N	N	20	N	90	N	N	30	1.0	300
GX0632	70	N	<1	N	N	30	N	70	N	N	30	1.0	500
GX0633	50	N	<1	N	N	20	N	75	N	N	50	1.0	300

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Ba-ppm s	La-ppm s	Y-ppm s	Zr-ppm s
GX0488	700	50	30	500
GX0489	500	50	20	70
GX0490	500	50	20	150
GX0491	500	50	20	300
GX0492	500	50	30	200
GX0493	500	50	30	200
GX0494	500	50	30	200
GX0495	500	50	20	200
GX0496	700	50	20	300
GX0498	500	50	20	200
GX0499	500	70	20	50
GX0500	300	50	20	70
GX0501	300	50	20	300
GX0502	500	50	20	150
GX0601	500	50	20	150
GX0602	500	50	20	70
GX0603	500	50	70	200
GX0605	500	50	50	200
GX0606	500	50	50	300
GX0607	500	50	20	200
GX0608	300	50	20	100
GX0609	500	50	20	200
GX0610	500	50	20	100
GX0611	500	50	30	100
GX0612	500	50	30	200
GX0613	500	50	30	200
GX0614	500	50	30	200
GX0615	300	50	20	100
GX0616	300	50	20	100
GX0617	300	50	20	100
GX0618	500	50	10	100
GX0619	300	50	10	50
GX0620	500	50	20	150
GX0621	500	50	30	200
GX0622	300	50	20	100
GX0624	300	50	20	200
GX0625	500	50	30	200
GX0626	500	50	30	200
GX0627	300	50	20	200
GX0628	500	50	20	200
GX0629	500	50	30	200
GX0630	300	50	10	70
GX0631	300	50	20	150
GX0632	500	50	30	200
GX0633	500	50	20	150

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Latitude	Longitude	Mg-pct.	Ca-pct.	Fe-pct.	Ti-pct.	Mn-ppm	V-ppm	Cr-ppm	Ni-ppm	Co-ppm	Sc-ppm
			s	s	s	s	s	s	s	s	s	s
GX0635	47 55 36	121 16 12	1.5	1.5	5.0	.50	2,000	150	100	50	20	30
GX0701	47 53 45	120 39 15	2.0	2.0	5.0	.70	2,000	200	150	50	30	30
GX0702	47 53 17	120 38 40	1.5	1.5	3.0	.50	700	100	70	30	20	20
GX0703	47 52 49	120 38 26	2.0	2.0	5.0	.50	2,000	200	150	50	20	30
GX0704	47 58 17	120 47 16	2.0	2.0	5.0	.50	2,000	200	100	30	20	30
GX1001	47 56 6	120 34 37	2.0	2.0	5.0	.70	2,000	200	50	50	50	20
GX1002	47 56 9	120 34 30	3.0	2.0	10.0	.70	2,000	300	150	70	70	30
GX1003	47 54 33	120 37 15	2.0	3.0	5.0	.70	2,000	300	200	50	30	30
GX1004	47 54 5	120 36 27	2.0	1.5	5.0	.70	1,500	200	70	50	30	20
GX1005	47 57 53	120 50 48	2.0	1.5	3.0	.50	1,000	100	50	20	20	15
GX1006	47 57 43	120 49 50	2.0	2.0	5.0	.70	2,000	100	50	30	20	20
GX1007	47 57 32	120 49 0	2.0	2.0	5.0	.70	1,500	150	50	30	30	20
GX1008	47 57 25	120 47 52	3.0	7.0	5.0	.50	2,000	300	500	100	70	50
GX1009	47 57 18	120 47 40	3.0	5.0	5.0	.70	2,000	300	200	70	50	30
GX1010	47 56 50	120 48 50	2.0	2.0	5.0	.50	1,000	200	100	50	20	20
GX1011	47 59 42	120 53 36	3.0	7.0	7.0	.70	2,000	200	500	200	50	30
GX1012	47 59 34	120 53 38	3.0	5.0	10.0	1.00	2,000	300	200	100	70	30
GX1013	47 58 2	120 53 2	1.5	2.0	2.0	.70	1,500	150	200	70	15	20
GX1014	47 58 18	120 53 3	3.0	2.0	7.0	.50	1,500	200	300	100	50	20
GX1015	47 57 28	120 53 5	2.0	2.0	5.0	.50	500	150	150	50	20	20
GX1016	47 57 26	120 53 0	1.5	2.0	2.0	.30	1,000	150	150	20	10	15
GX1017	47 56 9	120 52 20	3.0	2.0	7.0	.70	2,000	200	300	100	30	30
GX1019	47 55 47	120 52 48	3.0	2.0	10.0	.70	1,500	200	300	200	50	30
GX1020	47 53 24	120 48 40	3.0	2.0	10.0	1.00	2,000	300	200	100	50	30
GX1021	47 52 38	120 45 11	1.0	1.0	2.0	.30	300	50	N	20	10	10
GX1022	47 59 59	120 53 46	3.0	5.0	10.0	.70	2,000	300	500	150	50	30
GX1023	48 1 12	120 53 56	3.0	5.0	7.0	.70	2,000	200	300	150	50	30
GX1024	48 2 28	120 54 0	3.0	2.0	5.0	1.00	1,500	200	300	150	50	30
GX1026	47 54 13	120 41 22	2.0	2.0	5.0	1.00	1,500	200	150	50	50	30
GX1027	47 53 50	120 41 50	2.0	2.0	5.0	.70	2,000	200	100	30	30	30
GX1028	47 57 10	120 42 15	2.0	2.0	5.0	.70	1,500	200	70	20	30	20
GX1029	47 56 46	120 41 58	2.0	2.0	3.0	.50	1,500	150	70	20	20	20
GX1032	47 55 48	121 7 48	2.0	1.5	7.0	1.00	2,000	200	150	100	50	30
GX1033	47 55 41	121 7 50	2.0	1.5	7.0	.70	2,000	150	150	50	30	50
GX1034	47 55 54	121 8 25	2.0	1.5	7.0	.70	2,000	100	150	50	50	30
GX1035	47 56 5	121 8 46	2.0	1.5	7.0	.70	2,000	100	150	70	50	30
GX1036	47 56 3	121 9 2	2.0	1.0	7.0	.50	1,500	150	150	70	30	20
GX1037	47 56 3	121 9 15	2.0	1.0	7.0	.50	1,000	150	100	70	20	20
GX1038	47 55 59	121 9 24	2.0	1.5	5.0	.50	2,000	200	200	100	50	30
GX1074	47 51 39	120 33 5	3.0	5.0	10.0	1.00	3,000	200	100	50	30	30
GX1075	47 51 39	120 33 0	3.0	5.0	7.0	1.00	2,000	200	70	20	30	30
GX1076	47 50 0	120 31 55	3.0	5.0	7.0	1.00	2,000	200	100	30	30	30
GX1078	47 50 2	120 32 20	2.0	2.0	5.0	.50	1,000	100	50	20	20	20
GX1080	47 49 50	120 33 42	3.0	5.0	7.0	1.00	2,000	200	200	200	50	50
GX1081	47 47 9	121 15 50	2.0	2.0	5.0	.50	2,000	200	150	50	20	20

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Cu-ppm s	Mo-ppm s	W-ppm cm	Bi-ppm s	Au-ppm aa	Pb-ppm s	Ag-ppm s	Zn-ppm aa	Zn-ppm s	As-ppm s	B-ppm s	Be-ppm s	Sr-ppm s
GX0635	20	N	<1	N	N	20	N	50	N	N	50	1.0	500
GX0701	20	N	N	N	N	20	N	35	N	N	20	1.0	700
GX0702	30	N	<1	N	N	15	N	45	N	N	20	1.0	300
GX0703	30	N	<1	N	N	20	N	40	N	N	20	1.0	700
GX0704	50	N	<1	N	N	20	N	55	N	N	20	1.0	700
GX1001	50	N	<1	N	N	30	N	25	N	N	20	1.0	700
GX1002	50	N	N	N	N	20	N	35	N	N	15	<1.0	500
GX1003	50	N	<1	N	N	30	N	35	N	N	20	1.0	1,000
GX1004	20	N	N	N	N	20	N	20	N	N	20	<1.0	700
GX1005	15	N	<1	N	N	20	N	30	N	N	20	1.0	500
GX1006	20	N	N	N	N	50	N	15	N	N	20	<1.0	700
GX1007	20	N	<1	N	N	50	N	25	N	N	20	<1.0	700
GX1008	300	N	N	N	N	10	N	20	N	N	20	N	500
GX1009	100	N	<1	N	N	30	N	20	N	N	20	1.0	1,000
GX1010	20	N	N	N	N	20	N	20	N	N	20	<1.0	700
GX1011	70	N	N	N	N	10	N	40	N	N	30	<1.0	500
GX1012	70	<5	N	N	N	20	N	20	<200	N	30	<1.0	1,000
GX1013	20	N	<1	N	N	10	N	30	N	N	20	1.0	300
GX1014	100	N	N	N	N	20	N	65	N	N	15	N	300
GX1015	20	N	N	N	N	15	N	45	N	N	15	1.0	500
GX1016	20	N	N	N	N	10	N	40	N	N	10	1.5	300
GX1017	30	N	<1	N	N	10	N	30	N	N	10	1.0	300
GX1019	100	N	N	N	N	20	N	70	N	N	20	<1.0	300
GX1020	100	N	N	N	N	20	N	55	N	N	50	<1.0	300
GX1021	20	N	N	N	N	20	N	15	N	N	50	<1.0	300
GX1022	100	N	N	N	N	20	N	45	N	N	20	<1.0	500
GX1023	50	N	N	N	N	20	N	50	N	N	20	<1.0	500
GX1024	50	10	N	N	N	20	N	45	N	N	10	<1.0	500
GX1026	50	N	<1	N	N	20	<.5	20	N	N	20	<1.0	700
GX1027	30	N	<1	N	N	20	N	60	N	N	20	<1.0	700
GX1028	20	N	1	N	N	20	N	35	N	N	20	<1.0	700
GX1029	20	N	<1	N	N	10	N	55	N	N	10	1.0	500
GX1032	70	N	<1	N	N	30	N	95	N	N	150	1.0	300
GX1033	50	N	1	N	N	20	N	80	N	N	200	1.0	500
GX1034	30	N	1	N	N	50	N	85	N	N	200	<1.0	500
GX1035	70	N	<1	N	N	50	N	140	<200	N	150	1.0	500
GX1036	50	N	1	N	N	50	N	90	N	N	300	<1.0	500
GX1037	50	N	<1	N	N	50	N	80	N	N	200	<1.0	300
GX1038	50	N	<1	N	N	50	N	90	N	N	200	1.0	500
GX1074	50	N	N	N	N	20	N	25	N	N	20	1.0	1,000
GX1075	50	N	N	N	N	20	N	25	N	N	20	1.0	700
GX1076	30	N	N	N	N	20	N	30	N	N	20	1.0	1,000
GX1078	20	N	N	N	N	20	N	25	N	N	10	1.0	700
GX1080	50	N	<1	N	N	20	N	45	N	N	20	1.0	700
GX1081	50	N	<1	N	N	20	N	80	N	N	70	1.0	300

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Ba-ppm s	La-ppm s	Y-ppm s	Zr-ppm s
GX0635	500	50	20	200
GX0701	500	50	30	300
GX0702	300	50	20	200
GX0703	300	50	30	1,000
GX0704	500	50	30	200
GX1001	700	30	30	300
GX1002	500	30	50	700
GX1003	1,500	100	50	500
GX1004	700	50	30	300
GX1005	500	50	15	200
GX1006	500	50	15	150
GX1007	500	50	20	200
GX1008	300	50	20	70
GX1009	700	50	15	150
GX1010	500	30	20	100
GX1011	700	50	50	200
GX1012	700	50	50	300
GX1013	300	70	30	150
GX1014	300	50	10	200
GX1015	500	50	15	100
GX1016	500	50	20	100
GX1017	300	50	50	150
GX1019	700	50	30	300
GX1020	700	50	30	300
GX1021	300	50	10	100
GX1022	700	50	50	300
GX1023	700	30	20	150
GX1024	500	<20	50	70
GX1026	500	30	20	300
GX1027	500	30	30	700
GX1028	500	30	20	300
GX1029	500	50	30	150
GX1032	500	30	50	300
GX1033	500	50	50	200
GX1034	500	50	30	300
GX1035	500	50	30	200
GX1036	500	30	20	100
GX1037	500	50	20	100
GX1038	500	50	30	150
GX1074	700	50	30	200
GX1075	500	50	30	200
GX1076	500	50	30	300
GX1078	500	50	20	150
GX1080	500	50	30	700
GX1081	500	50	20	50

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Latitude	Longitude	Mg-pct. s	Ca-pct. s	Fe-pct. s	Ti-pct. s	Mn-ppm s	V-ppm s	Cr-ppm s	Ni-ppm s	Co-ppm s	Sc-ppm s
GX1082	47 47 7	121 16 14	2.0	1.0	7.0	1.00	2,000	200	150	100	20	30
GX1083	47 46 48	121 14 50	3.0	5.0	10.0	1.00	3,000	300	150	70	20	30
GX1084	47 46 45	121 14 52	2.0	1.5	5.0	.50	1,500	100	100	30	15	15
GX1085	47 46 55	121 13 31	2.0	1.0	5.0	.50	1,500	150	150	50	20	20
GX1086	47 46 10	121 9 30	2.0	1.0	3.0	.20	1,000	100	100	20	10	15
GX1088	47 44 37	121 12 5	2.0	2.0	5.0	.50	2,000	150	100	20	20	20
GX1090	47 49 10	121 10 49	2.0	2.0	3.0	.30	1,500	150	150	50	20	15
GX1092	47 49 20	121 10 53	2.0	3.0	3.0	.30	2,000	150	150	20	20	20
GX1094	47 49 39	121 11 47	1.5	1.0	5.0	.50	1,000	150	100	50	20	20
GX1095	47 49 40	121 12 13	2.0	2.0	5.0	.50	2,000	100	100	30	15	20
GX1096	47 49 37	121 12 10	1.0	1.5	3.0	.30	1,000	100	70	20	15	20
GX1098	47 49 26	121 13 10	1.0	1.0	3.0	.50	1,500	100	70	20	15	20
GX1099	47 49 18	121 13 55	2.0	2.0	5.0	.50	1,500	200	150	70	20	20
GX1100	47 49 15	121 13 45	2.0	2.0	3.0	.50	1,500	150	100	50	15	20
GX1101	47 49 10	121 14 17	2.0	2.0	5.0	.50	1,000	200	150	70	20	20
GX1102	47 49 8	121 14 20	1.5	1.5	3.0	.50	700	150	100	50	20	15
GX1103	47 48 57	121 14 48	2.0	2.0	5.0	.70	2,000	200	150	70	20	30
GX1104	47 48 58	121 14 20	2.0	1.5	3.0	.50	700	150	200	50	15	20
GX1118	47 56 38	120 46 38	2.0	5.0	3.0	.50	2,000	200	70	20	15	20
GX1119	47 57 18	120 46 20	1.5	3.0	3.0	.50	2,000	150	100	20	15	20
GX1120	47 57 10	120 46 10	1.5	3.0	5.0	.70	2,000	150	70	20	15	20
GX1121	47 54 5	120 54 50	3.0	1.5	5.0	.50	1,500	200	200	100	20	20
GX1123	47 54 9	120 54 51	2.0	1.5	5.0	.50	1,500	200	200	100	20	20
GX1124	47 55 53	120 54 37	3.0	5.0	7.0	.70	3,000	200	150	50	20	30
GX1125	47 56 8	120 55 5	2.0	3.0	3.0	.50	1,500	150	150	50	20	20
GX1126	47 56 37	120 55 37	2.0	3.0	5.0	.70	3,000	200	200	100	30	30
GX1127	47 57 12	120 56 8	3.0	2.0	5.0	.70	2,000	200	300	200	50	30
GX1128	47 58 5	120 56 56	3.0	5.0	7.0	1.00	2,000	200	300	150	50	50
GX1129	47 58 33	120 57 19	3.0	3.0	15.0	.70	3,000	200	100	50	50	70
GX1130	47 57 30	120 56 20	3.0	3.0	15.0	1.00	3,000	200	300	100	70	70
GX1131	47 54 9	121 8 45	3.0	1.5	20.0	1.00	>5,000	200	200	70	50	100
GX1134	47 54 0	121 9 10	3.0	1.0	>20.0	.70	>5,000	200	200	70	70	>100
GX1135	47 53 55	121 9 12	3.0	1.0	20.0	.70	>5,000	200	150	70	50	100
GX1136	47 53 51	121 9 15	2.0	1.0	20.0	.70	>5,000	200	200	70	50	>100
GX1138	47 54 7	121 7 48	3.0	1.5	20.0	1.00	>5,000	200	200	150	70	100
GX1139	47 53 48	121 9 20	3.0	1.5	20.0	.70	>5,000	200	300	150	50	>100
GX1139	47 54 12	121 7 31	3.0	1.5	20.0	1.00	5,000	200	200	100	50	100
GX1140	47 54 27	121 7 43	3.0	2.0	20.0	>1.00	3,000	200	150	70	70	70
GX1141	47 54 18	121 6 53	3.0	1.5	20.0	>1.00	5,000	200	200	100	70	70
GX1142	47 54 20	121 5 8	3.0	1.0	20.0	.70	>5,000	150	200	50	30	100
GX1145	47 53 45	121 4 32	3.0	1.0	20.0	1.00	>5,000	200	200	100	70	100
GX1146	47 53 30	121 6 1	3.0	1.0	15.0	.70	>5,000	150	150	100	70	100
GX1147	47 50 10	121 6 27	5.0	3.0	10.0	.50	3,000	200	500	150	70	70
GX1148	47 55 24	120 47 30	3.0	3.0	15.0	.50	3,000	300	200	100	70	50
GX1149	47 50 53	121 4 39	3.0	1.5	20.0	.70	5,000	200	150	100	70	50

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Cu-ppm s	Mo-ppm s	W-ppm cm	Bi-ppm s	Au-ppm aa	Pb-ppm s	Ag-ppm s	Zn-ppm aa	Zn-ppm s	As-ppm s	B-ppm s	Be-ppm s	Sr-ppm s
GX1082	200	N	<1	N	N	30	N	140	<200	N	200	1.0	200
GX1083	70	N	<1	N	N	20	N	70	N	N	20	1.0	700
GX1084	50	N	1	N	N	20	N	75	N	N	10	1.0	300
GX1085	50	N	1	N	N	20	N	80	N	N	20	1.0	300
GX1086	10	N	<1	N	N	30	N	55	N	N	20	1.0	200
GX1088	20	N	N	N	N	20	N	60	N	N	50	1.0	500
GX1090	30	N	<1	N	--	20	N	65	N	N	30	1.0	300
GX1092	20	N	N	N	N	50	N	50	N	N	20	1.0	500
GX1094	50	N	<1	N	N	20	N	75	N	N	100	1.0	200
GX1095	20	N	1	N	N	30	N	45	N	N	30	1.0	500
GX1096	20	N	<1	N	N	20	N	40	N	N	30	1.0	300
GX1098	20	N	N	N	N	15	N	50	N	N	20	1.0	300
GX1099	70	N	<1	N	N	20	N	80	N	N	100	1.0	500
GX1100	30	N	<1	N	N	20	N	50	N	N	100	1.0	300
GX1101	50	N	<1	N	N	20	N	65	N	N	100	1.0	500
GX1102	50	N	<1	N	N	20	N	70	N	N	70	1.0	300
GX1103	50	N	1	N	N	20	N	80	N	N	50	1.0	300
GX1104	50	N	<1	N	N	20	N	55	N	N	50	1.0	300
GX1118	50	N	N	N	N	20	N	15	N	N	20	1.0	1,000
GX1119	20	N	N	N	N	20	N	15	N	N	10	1.0	700
GX1120	15	N	N	N	N	20	N	35	N	N	20	1.0	700
GX1121	70	N	N	N	N	30	N	80	N	N	100	1.0	300
GX1123	50	N	N	N	N	20	N	60	N	N	150	1.0	300
GX1124	30	N	N	N	N	20	N	65	<200	N	20	1.0	1,000
GX1125	20	N	N	N	N	20	N	45	N	N	10	1.0	700
GX1126	70	N	N	N	N	20	N	40	N	N	20	1.0	500
GX1127	150	N	N	N	N	20	N	80	N	N	50	1.0	200
GX1128	50	N	N	N	N	20	N	60	N	N	10	1.0	500
GX1129	50	N	N	N	<.050	10	N	40	300	N	20	N	300
GX1130	50	N	N	N	N	10	N	30	300	N	20	N	300
GX1131	50	N	2	N	N	<10	N	30	300	N	200	N	<100
GX1134	30	N	1	N	<.050	<10	N	20	300	N	150	N	<100
GX1135	100	N	1	N	N	10	N	80	300	N	150	N	<100
GX1136	30	N	<1	N	N	10	N	20	300	N	100	N	N
GX1138	50	N	1	N	N	10	N	50	300	N	100	N	N
GX1139	70	N	1	N	N	10	N	30	300	N	100	N	N
GX1139	50	N	1	N	N	15	N	140	300	N	200	N	<100
GX1140	100	N	<1	N	.300	10	N	70	300	N	150	N	<100
GX1141	70	N	1	N	N	10	N	110	300	N	150	N	<100
GX1142	15	N	<1	N	N	10	N	25	200	N	100	N	N
GX1145	70	N	1	N	N	<10	N	90	300	N	150	N	<100
GX1146	30	N	<1	N	N	<10	N	40	300	N	150	N	<100
GX1147	20	N	N	N	N	<10	N	35	200	N	30	N	N
GX1148	70	N	N	N	N	10	N	30	200	N	50	N	300
GX1149	50	N	N	N	N	10	N	15	700	N	70	<1.0	<100

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Ba-ppm s	La-ppm s	Y-ppm s	Zr-ppm s
GX1082	700	50	30	200
GX1083	500	50	20	100
GX1084	300	50	20	70
GX1085	300	50	30	70
GX1086	500	50	20	200
GX1088	500	50	20	100
GX1090	500	50	20	70
GX1092	500	50	30	300
GX1094	300	50	20	100
GX1095	500	50	20	100
GX1096	500	50	30	70
GX1098	300	50	20	200
GX1099	500	50	20	150
GX1100	500	50	30	150
GX1101	500	50	20	200
GX1102	300	50	30	70
GX1103	500	50	30	150
GX1104	500	50	10	70
GX1118	300	50	20	100
GX1119	500	50	20	200
GX1120	500	50	30	700
GX1121	500	50	20	100
GX1123	500	50	20	100
GX1124	500	50	30	100
GX1125	500	50	20	50
GX1126	500	50	30	100
GX1127	500	50	30	100
GX1128	500	50	30	300
GX1129	150	100	70	300
GX1130	150	50	50	200
GX1131	200	70	200	200
GX1134	100	50	300	200
GX1135	300	50	300	200
GX1136	100	100	300	200
GX1138	200	50	200	200
GX1139	200	50	300	200
GX1139	500	100	100	300
GX1140	200	150	70	300
GX1141	700	100	100	300
GX1142	100	50	300	100
GX1145	300	50	100	200
GX1146	100	50	150	150
GX1147	150	50	70	300
GX1148	100	50	50	100
GX1149	100	50	100	300

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Latitude	Longitude	Mg-pct.	Ca-pct.	Fe-pct.	Ti-pct.	Mn-ppm	V-ppm	Cr-ppm	Ni-ppm	Co-ppm	Sc-ppm
			s	s	s	s	s	s	s	s	s	s
GX1150	47 50 53	121 3 11	5.0	1.5	20.0	.70	5,000	200	1,000	500	70	70
GX1151	47 50 34	121 6 18	5.0	3.0	15.0	.50	3,000	300	500	100	70	70
GX1152	47 50 36	121 6 12	3.0	3.0	15.0	.50	3,000	300	500	100	50	70
GX1153	47 58 43	120 48 40	2.0	3.0	5.0	.70	2,000	200	150	50	20	30
GX1154	48 0 48	120 49 30	3.0	3.0	5.0	.50	2,000	200	150	70	30	30
GX1155	48 1 31	120 49 48	3.0	2.0	5.0	.70	2,000	200	200	100	50	30
GX1157	48 2 13	120 50 20	2.0	1.5	5.0	.50	1,500	150	150	70	20	20
GX1158	48 3 33	120 50 30	2.0	3.0	5.0	.70	2,000	200	100	70	30	30
GX1159	47 59 8	120 50 48	3.0	5.0	5.0	1.00	2,000	200	150	50	30	50
GX1160	47 52 12	121 4 2	2.0	2.0	5.0	.50	2,000	150	100	50	20	20
GX1161	47 52 30	121 2 38	2.0	2.0	5.0	.50	2,000	150	100	50	20	20
GX1201	48 1 7	120 58 13	2.0	3.0	5.0	.50	1,500	200	200	100	30	20
GX1202	48 0 53	120 57 51	3.0	3.0	3.0	.70	1,500	200	100	30	20	20
GX1203	48 0 21	120 57 34	2.0	3.0	5.0	.70	1,500	200	200	150	30	30
GX1204	47 59 40	120 57 38	2.0	5.0	5.0	.70	1,500	200	100	30	20	30
GX1205	47 58 37	120 57 9	3.0	5.0	5.0	.70	2,000	200	150	50	20	30
GX1206	47 58 21	120 57 2	1.0	1.0	5.0	.70	2,000	150	70	20	10	20
GX1207	47 58 2	120 56 40	3.0	1.5	5.0	.50	1,000	150	500	200	50	15
GX1208	47 58 0	121 12 0	.7	.7	3.0	.50	700	100	70	50	20	15
GX1301	47 53 23	121 11 8	2.0	3.0	5.0	.50	2,000	200	150	70	20	30
GX1302	47 53 22	121 11 16	1.0	1.0	3.0	.30	1,000	150	70	50	15	15
GX1303	47 53 27	121 10 58	2.0	2.0	5.0	.50	2,000	200	150	50	20	30
GX1304	47 53 28	121 11 10	1.0	1.0	3.0	.30	500	150	70	30	15	15
GX1305	47 53 21	121 12 28	1.5	2.0	5.0	.50	2,000	200	150	50	15	30
GX1306	47 53 14	121 12 50	1.5	1.5	5.0	.50	1,000	150	150	70	15	20
GX1307	47 53 19	121 13 25	2.0	2.0	5.0	.50	2,000	200	150	50	20	30
GX1309	47 53 29	121 13 40	2.0	2.0	5.0	.50	2,000	200	100	50	20	30
GX1310	47 54 16	121 15 39	1.5	1.0	5.0	.50	1,500	200	150	50	20	20
GX1311	47 54 17	121 15 50	1.5	.5	3.0	.30	1,000	100	200	150	20	15
GX1312	47 54 29	121 16 29	1.5	2.0	3.0	.50	2,000	150	100	30	20	20
GX1313	47 50 13	121 8 54	2.0	2.0	5.0	.50	1,500	150	200	50	20	20
GX1314	47 51 56	121 9 54	2.0	2.0	5.0	.50	2,000	200	150	70	20	30
GX1315	47 50 48	121 10 50	2.0	2.0	5.0	.50	3,000	200	150	50	20	30
GX1316	47 51 5	121 10 50	2.0	1.5	5.0	.50	1,500	200	150	70	20	20
GX1317	47 54 48	120 42 42	3.0	1.5	15.0	.50	2,000	200	300	150	70	50
GX801	47 57 30	120 37 48	1.5	1.0	3.0	.50	1,000	100	50	20	15	15
GX802	47 56 52	120 38 45	1.0	2.0	2.0	.50	700	100	50	15	10	20
GX803	47 56 0	120 48 18	2.0	3.0	5.0	.70	2,000	200	70	20	20	30
GX804	47 52 6	120 41 30	1.5	1.5	3.0	.50	1,000	150	150	50	20	20
GX805	47 52 6	120 41 24	1.5	1.0	3.0	.50	700	150	100	50	20	20
GX806	47 57 48	120 44 48	1.0	1.0	2.0	.30	1,000	100	50	20	10	10
GX807	47 57 54	120 44 36	2.0	2.0	5.0	.70	2,000	200	100	30	30	30
GX808	47 58 6	120 43 25	1.5	1.0	3.0	.50	1,000	150	70	30	20	20
GX809	47 57 58	120 43 28	2.0	2.0	5.0	.50	2,000	200	70	50	20	20
GX810	47 57 38	120 43 43	1.0	1.0	2.0	.30	700	100	150	20	10	10

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Cu-ppm s	Mo-ppm s	W-ppm cm	Bi-ppm s	Au-ppm aa	Pb-ppm s	Ag-ppm s	Zn-ppm aa	Zn-ppm s	As-ppm s	B-ppm s	Be-ppm s	Sr-ppm s
GX1150	30	N	N	N	N	10	N	30	300	N	70	N	<100
GX1151	15	N	N	N	N	10	N	30	300	N	50	N	<100
GX1152	15	N	N	N	N	10	N	20	300	N	50	N	<100
GX1153	30	N	3	N	N	20	N	35	N	N	10	1.0	500
GX1154	70	N	N	N	N	20	N	70	N	N	10	<1.0	500
GX1155	100	N	1	N	N	20	N	80	N	N	20	<1.0	300
GX1157	50	N	<1	N	N	20	N	80	N	N	10	1.0	200
GX1158	50	N	<1	N	N	20	N	50	N	N	20	1.0	500
GX1159	20	N	<1	N	N	30	N	40	N	N	20	1.0	1,000
GX1160	15	N	<1	N	N	20	N	50	N	N	50	1.5	700
GX1161	30	N	1	N	N	30	N	75	N	N	50	1.5	700
GX1201	50	N	N	N	N	20	N	75	N	N	10	1.0	700
GX1202	30	N	N	N	N	20	N	40	N	N	20	1.0	1,000
GX1203	50	N	2	N	N	20	N	45	N	N	10	<1.0	500
GX1204	20	N	N	N	N	20	N	40	N	N	10	1.0	1,000
GX1205	50	N	N	N	N	20	N	45	N	N	10	<1.0	1,000
GX1206	20	N	N	N	N	10	N	15	N	N	20	<1.0	300
GX1207	50	N	N	N	N	15	N	45	N	N	10	<1.0	300
GX1208	30	N	<1	N	N	10	N	50	N	N	50	<1.0	300
GX1301	70	N	N	N	N	50	N	95	N	N	30	1.0	100
GX1302	50	N	N	N	N	50	N	85	N	N	20	1.0	200
GX1303	70	N	<1	N	N	50	N	90	N	N	20	1.0	500
GX1304	50	N	<1	N	N	20	N	55	N	N	30	1.0	200
GX1305	50	N	N	N	N	30	N	80	N	N	20	1.0	500
GX1306	70	N	N	N	N	20	N	90	N	N	20	1.0	300
GX1307	50	N	N	N	N	20	N	70	N	N	50	1.0	1,000
GX1309	70	N	N	N	N	20	N	65	N	N	50	1.0	700
GX1310	30	N	N	N	N	20	N	75	N	N	50	1.0	500
GX1311	30	N	N	N	N	15	N	75	N	N	100	1.0	200
GX1312	30	N	N	N	N	20	N	65	N	N	50	1.0	700
GX1313	20	N	N	N	N	20	N	70	N	N	20	1.0	500
GX1314	70	N	N	N	N	20	1.0	110	N	N	100	1.0	500
GX1315	50	N	N	N	N	20	N	80	N	N	100	1.0	500
GX1316	70	N	N	N	N	20	N	110	N	N	100	1.0	300
GX1317	30	N	3	N	<.050	10	N	40	<200	N	20	N	<100
GX801	20	N	N	N	N	10	N	15	N	N	20	1.0	500
GX802	20	N	N	N	<.050	20	N	20	N	N	20	1.0	500
GX803	50	N	<1	N	N	30	N	20	N	N	20	1.0	700
GX804	20	N	<1	N	N	15	N	40	N	N	20	1.0	500
GX805	20	N	1	N	N	10	N	40	N	N	20	<1.0	300
GX806	10	N	N	N	<.050	10	N	35	N	N	20	1.0	500
GX807	50	N	1	N	N	30	N	30	N	N	20	1.0	1,000
GX808	20	N	N	N	N	20	N	60	N	N	20	1.0	500
GX809	50	N	<1	N	<.050	50	N	50	N	N	20	1.0	1,000
GX810	20	N	N	N	N	20	N	60	N	N	30	1.0	300

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Ba-ppm s	La-ppm s	Y-ppm s	Zr-ppm s
GX1150	100	50	100	300
GX1151	100	50	70	200
GX1152	100	70	70	200
GX1153	300	50	30	300
GX1154	200	50	20	70
GX1155	500	50	30	200
GX1157	300	50	30	100
GX1158	500	50	30	100
GX1159	500	50	50	300
GX1160	300	50	20	100
GX1161	300	50	20	100
GX1201	500	50	20	200
GX1202	500	50	20	200
GX1203	500	50	30	200
GX1204	500	50	20	300
GX1205	500	50	20	200
GX1206	150	50	20	100
GX1207	500	50	20	50
GX1208	200	50	20	150
GX1301	500	50	30	200
GX1302	300	50	20	100
GX1303	500	50	20	150
GX1304	300	50	20	100
GX1305	500	50	30	200
GX1306	500	50	20	200
GX1307	500	50	30	200
GX1309	500	50	50	150
GX1310	500	50	20	300
GX1311	500	50	20	200
GX1312	500	50	20	50
GX1313	500	50	20	50
GX1314	500	50	20	150
GX1315	500	50	50	150
GX1316	500	50	30	300
GX1317	100	70	50	300
GX801	200	50	10	100
GX802	500	50	20	150
GX803	500	50	20	200
GX804	500	50	20	300
GX805	300	50	20	70
GX806	500	50	10	70
GX807	500	50	20	200
GX808	500	50	20	200
GX809	500	50	50	200
GX810	500	50	20	300

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Latitude	Longitude	Mg-pct.	Ca-pct.	Fe-pct.	Ti-pct.	Mn-ppm	V-ppm	Cr-ppm	Ni-ppm	Co-ppm	Sc-ppm
			s	s	s	s	s	s	s	s	s	s
GX811	47 56 58	120 45 55	1.0	2.0	3.0	.50	2,000	150	70	20	10	20
GX812	47 55 6	120 42 36	2.0	2.0	5.0	.50	2,000	200	200	50	50	30
GX815	47 55 52	120 52 13	3.0	7.0	5.0	.70	3,000	500	200	70	30	50
GX816	47 58 18	120 53 46	3.0	7.0	5.0	.70	2,000	300	150	50	30	30
GX817	47 59 19	120 53 51	2.0	5.0	5.0	.50	2,000	200	150	50	20	30
GX818	47 56 58	120 52 22	1.0	2.0	3.0	.50	700	100	70	10	10	15
GX819	47 57 27	120 52 36	1.0	1.0	3.0	.30	500	100	70	20	15	10
GX820	47 59 22	120 53 23	2.0	2.0	5.0	.50	2,000	200	300	100	50	30
GX821	47 58 57	120 53 59	2.0	2.0	5.0	.50	1,500	200	150	50	50	30
GX822	47 56 14	120 52 0	2.0	5.0	7.0	.50	2,000	200	70	20	30	30
GX823	47 56 30	120 52 3	1.5	2.0	3.0	.50	1,500	150	50	10	15	20
K10FS	48 12 0	121 1 24	1.0	2.0	5.0	.30	700	150	15	15	15	10
K11FS	48 11 59	121 1 41	.7	2.0	3.0	.30	500	100	20	15	10	10
K13FS	48 8 10	120 56 58	1.5	3.0	5.0	.50	1,000	150	30	20	20	10
K14FS	48 8 9	120 56 50	1.0	3.0	3.0	.30	300	70	20	15	10	7
K15FS	48 8 12	120 56 51	1.5	5.0	5.0	.30	700	100	30	15	15	10
K16FS	48 7 57	120 56 38	1.0	2.0	3.0	.20	500	70	20	10	10	7
K18FS	48 7 23	120 55 49	1.5	3.0	5.0	.30	700	100	30	20	15	10
K19FS	48 7 10	120 55 12	1.5	3.0	5.0	.50	700	100	50	20	15	15
K1FS	48 11 54	120 56 24	1.0	2.0	3.0	.30	500	100	15	15	15	10
K20FS	48 7 4	120 54 58	1.0	3.0	5.0	.30	700	100	20	15	15	7
K21FS	48 6 58	120 54 26	1.5	3.0	5.0	.50	700	150	50	20	15	15
K24FS	48 6 34	120 54 57	1.5	3.0	5.0	.50	700	100	100	50	20	15
K25FS	48 6 33	120 53 4	1.0	2.0	3.0	.30	1,000	70	20	15	10	10
K2FS	48 11 48	120 56 54	1.0	2.0	3.0	.20	500	100	15	15	15	10
K3FS	48 11 52	120 57 10	1.5	2.0	5.0	.50	700	150	20	15	20	10
K4FS	48 11 50	120 57 20	1.0	2.0	5.0	.30	500	100	20	15	20	10
K5FS	48 11 47	120 58 36	1.5	2.0	5.0	.50	500	150	30	20	20	15
K6FS	48 11 48	120 59 5	1.0	2.0	5.0	.30	1,000	150	30	15	20	15
K7FS	48 11 54	120 59 28	1.0	2.0	3.0	.20	500	100	20	15	15	10
K8FS	48 11 57	120 59 47	1.0	2.0	5.0	.20	500	100	30	20	15	10
K9FS	48 12 3	121 0 56	1.0	2.0	5.0	.20	500	100	30	15	15	10
L100FS	48 6 43	121 11 30	2.0	3.0	5.0	.50	1,000	100	70	30	20	20
L101FS	48 1 18	121 6 48	1.0	1.0	5.0	.30	700	100	70	30	20	15
L102FS	48 1 48	121 4 47	1.0	1.0	5.0	.30	500	100	70	30	20	15
L103FS	48 1 51	121 3 46	1.0	1.0	5.0	.30	500	100	70	30	20	15
L104FS	48 0 47	121 2 15	1.5	1.0	5.0	.30	200	150	100	50	20	15
L105FS	48 1 33	121 0 1	1.0	1.5	5.0	.50	700	100	50	15	20	15
L106FS	48 1 10	120 58 35	1.0	1.0	3.0	.20	300	70	20	10	10	10
L108FS	47 59 42	121 8 30	.7	.5	5.0	.30	1,500	100	70	30	20	15
L109FS	47 59 44	121 8 32	.7	.5	5.0	.30	1,000	100	70	30	20	15
L10FS	48 12 54	120 51 20	1.5	3.0	5.0	.50	700	150	100	30	30	15
L110FS	47 59 52	121 8 18	1.0	.5	5.0	.30	1,500	100	100	50	30	15
L111FS	47 59 54	121 8 29	1.0	.7	5.0	.30	1,000	100	100	50	30	15
L113FS	48 1 35	121 10 1	1.0	.7	5.0	.30	1,000	150	150	50	20	20

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Cu-ppm s	Mo-ppm s	W-ppm cm	Bi-ppm s	Au-ppm aa	Pb-ppm s	Ag-ppm s	Zn-ppm aa	Zn-ppm s	As-ppm s	B-ppm s	Be-ppm s	Sr-ppm s
GX811	30	N	<1	N	N	20	N	35	N	N	20	1.0	700
GX812	50	N	1	N	N	20	N	60	N	N	20	1.0	700
GX815	70	N	N	N	N	10	N	25	N	N	20	<1.0	700
GX816	70	N	N	N	N	20	N	40	N	N	20	<1.0	700
GX817	50	N	<1	N	N	20	N	40	N	N	20	<1.0	500
GX818	<5	N	N	N	N	10	N	60	N	N	10	1.0	500
GX819	10	N	N	N	N	10	N	85	N	N	20	<1.0	300
GX820	30	N	N	N	N	20	N	60	N	N	20	<1.0	500
GX821	50	N	N	N	N	20	N	40	N	N	20	<1.0	500
GX822	30	N	N	N	N	20	N	40	N	N	20	<1.0	700
GX823	20	N	N	N	N	20	N	50	N	N	20	1.0	500
K10FS	30	<5	--	N	N	20	N	40	N	N	10	1.0	300
K11FS	30	5	--	N	N	20	N	40	N	N	10	1.0	200
K13FS	30	N	--	N	--	15	N	--	N	N	15	1.5	300
K14FS	20	N	--	N	--	10	N	--	N	N	15	1.5	200
K15FS	15	N	--	N	--	15	N	--	N	N	10	1.0	500
K16FS	15	N	--	N	--	15	N	--	N	N	15	1.0	200
K18FS	15	N	--	N	--	15	N	--	N	N	15	1.0	300
K19FS	20	N	--	N	--	15	N	--	N	N	15	1.5	300
K1FS	15	5	--	N	N	15	N	25	N	N	10	1.0	300
K20FS	15	N	--	N	--	15	N	--	N	N	15	1.0	300
K21FS	20	N	--	N	--	15	N	--	N	N	15	1.5	300
K24FS	20	N	--	N	--	10	N	--	N	N	10	1.5	300
K25FS	15	N	--	N	--	10	N	--	N	N	15	1.0	300
K2FS	30	N	--	N	<.050	20	<.5	40	N	N	10	1.0	300
K3FS	20	N	--	N	N	15	<.5	20	N	N	10	<1.0	300
K4FS	150	<5	--	<10	<.050	50	.5	45	N	200	20	<1.0	300
K5FS	2,000	20	--	<10	<.050	30	1.0	25	N	<200	20	<1.0	300
K6FS	2,000	15	--	10	<.080	70	1.0	140	<200	700	100	1.0	200
K7FS	100	<5	--	N	<.050	20	.5	25	N	N	30	<1.0	200
K8FS	50	<5	--	N	N	15	.7	25	N	N	15	1.0	200
K9FS	50	N	--	N	N	15	<.5	25	N	N	10	1.0	200
L100FS	15	N	--	N	--	15	N	35	N	N	15	1.5	500
L101FS	20	N	--	N	<.050	20	N	50	N	N	20	1.0	300
L102FS	30	N	--	N	N	10	N	65	N	N	15	<1.0	300
L103FS	20	N	--	N	N	10	N	75	N	N	10	<1.0	300
L104FS	30	N	--	N	N	10	N	75	N	N	20	1.0	300
L105FS	10	N	--	N	N	10	N	35	N	N	10	1.0	500
L106FS	10	N	--	N	N	10	N	25	N	N	10	1.0	300
L108FS	100	N	--	N	--	100	1.0	450	500	N	20	1.0	200
L109FS	70	N	--	N	N	70	.7	290	300	N	20	1.0	200
L10FS	50	N	--	N	--	20	N	60	N	N	15	N	500
L110FS	100	5	--	N	N	100	1.0	360	200	N	20	1.0	200
L111FS	70	<5	--	N	N	100	1.0	340	300	N	30	1.5	200
L113FS	30	N	--	N	N	10	N	100	N	N	30	1.5	200

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Ba-ppm s	La-ppm s	Y-ppm s	Zr-ppm s
GX811	500	50	20	150
GX812	500	50	30	300
GX815	300	50	30	100
GX816	500	50	30	70
GX817	500	50	30	150
GX818	500	50	10	200
GX819	500	50	<10	100
GX820	700	50	20	200
GX821	200	50	20	50
GX822	500	50	30	100
GX823	500	50	20	200
K10FS	700	N	15	100
K11FS	500	50	20	100
K13FS	500	30	30	100
K14FS	300	N	15	100
K15FS	500	N	15	100
K16FS	300	N	10	100
K18FS	500	N	20	100
K19FS	500	N	20	100
K1FS	500	N	15	100
K20FS	300	N	10	150
K21FS	300	N	20	150
K24FS	300	N	20	100
K25FS	300	20	15	100
K2FS	500	N	15	100
K3FS	500	N	15	100
K4FS	500	N	15	100
K5FS	500	N	15	150
K6FS	700	N	30	100
K7FS	500	N	15	100
K8FS	500	N	20	100
K9FS	700	N	20	100
L100FS	300	N	20	200
L101FS	300	N	15	100
L102FS	300	N	20	100
L103FS	300	N	15	100
L104FS	500	N	10	100
L105FS	300	N	20	150
L106FS	300	N	15	100
L108FS	300	20	20	150
L109FS	300	N	20	100
L10FS	500	N	15	100
L110FS	300	20	20	150
L111FS	300	N	20	100
L113FS	300	20	30	100

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Latitude	Longitude	Mg-pct.	Ca-pct.	Fe-pct.	Ti-pct.	Mn-ppm	V-ppm	Cr-ppm	Ni-ppm	Co-ppm	Sc-ppm
			s	s	s	s	s	s	s	s	s	s
L114FS	48 0 29	121 10 15	1.5	.5	7.0	.50	1,000	150	200	100	30	20
L117FS	48 8 23	121 13 15	1.0	1.5	5.0	.30	700	100	30	20	20	10
L118FS	48 7 28	121 14 53	1.5	1.5	5.0	.30	700	100	200	30	20	15
L119FS	48 7 10	121 12 15	1.5	1.0	5.0	.50	1,000	150	100	30	20	20
L11FS	48 13 0	120 50 41	1.5	3.0	7.0	.70	1,000	200	70	20	30	20
L121FS	48 9 58	121 8 50	1.0	1.0	5.0	.30	700	100	50	20	15	15
L122FS	48 9 51	121 7 57	1.0	1.0	3.0	.20	500	70	30	15	10	10
L124FS	48 11 14	121 8 58	1.5	1.0	5.0	.30	700	100	150	100	20	15
L126FS	48 11 57	121 9 28	1.0	.7	3.0	.20	500	70	70	50	20	10
L127FS	48 12 42	121 9 56	1.0	1.0	5.0	.20	500	100	100	50	15	10
L128FS	48 13 34	121 10 19	1.5	1.0	5.0	.30	500	200	150	70	30	15
L129FS	48 13 57	121 10 46	1.0	1.0	5.0	.20	500	100	70	20	15	15
L12FS	48 12 35	120 49 13	1.5	2.0	7.0	.70	1,000	200	100	30	30	20
L13FS	48 12 28	120 48 18	1.0	2.0	2.0	.30	300	100	30	20	15	10
L14FS	48 12 4	120 47 37	1.5	2.0	5.0	.50	700	150	70	20	20	20
L17FS	48 9 3	120 46 55	1.5	3.0	5.0	.50	1,000	150	100	20	20	20
L18FS	48 9 5	120 46 59	1.5	3.0	5.0	.50	700	150	70	20	20	20
L19FS	48 9 4	120 46 22	1.5	2.0	5.0	.30	700	100	70	30	30	15
L1FS	48 10 38	120 53 38	1.5	2.0	5.0	.50	700	100	20	20	20	15
L200FS	48 1 58	121 11 41	1.0	1.0	3.0	.20	500	100	100	50	15	10
L201FS	48 2 13	121 12 7	.7	.7	2.0	.20	3,000	70	70	30	15	10
L202FS	48 2 40	121 12 30	1.0	.7	5.0	.30	1,000	100	200	100	20	15
L203FS	48 2 44	121 12 38	1.0	1.0	5.0	.30	1,000	100	200	70	20	20
L204FS	48 2 37	121 13 52	1.0	.7	5.0	.30	1,000	100	150	50	20	15
L205FS	48 2 43	121 14 28	1.0	.7	5.0	.20	700	100	100	70	20	15
L206FS	48 3 10	121 16 4	1.0	1.0	5.0	.30	700	150	150	50	20	20
L22FS	48 9 14	120 44 30	1.5	3.0	5.0	.50	700	150	70	30	30	15
L23FS	48 9 22	120 43 42	1.0	2.0	5.0	.50	700	150	30	20	20	15
L24FS	48 9 16	120 43 18	1.0	2.0	5.0	.30	500	100	20	15	20	10
L25FS	48 8 46	120 42 42	1.0	2.0	5.0	.50	700	150	30	20	20	15
L2FS	48 11 30	120 54 44	1.0	2.0	3.0	.30	500	70	15	15	10	10
L32FS	48 6 0	120 43 14	1.5	3.0	5.0	.50	700	150	70	50	20	20
L33FS	48 5 57	120 43 20	2.0	3.0	5.0	.50	1,000	150	150	30	30	20
L34FS	48 7 23	120 42 46	1.0	2.0	5.0	.30	500	100	30	30	20	15
L36FS	48 7 37	120 42 38	1.5	2.0	5.0	.50	500	100	30	20	20	10
L38FS	48 11 19	120 58 16	.7	2.0	3.0	.30	700	70	20	15	10	10
L39FS	48 11 19	121 0 16	1.0	2.0	5.0	.70	1,500	150	50	20	20	20
L3FS	48 11 40	120 54 47	1.5	2.0	5.0	.50	500	100	20	15	20	15
L40FS	48 11 18	120 59 47	1.0	2.0	5.0	.30	700	100	15	10	10	10
L41FS	48 11 6	120 59 12	1.5	2.0	5.0	.30	700	100	20	20	15	15
L43FS	48 11 17	120 59 18	1.0	2.0	3.0	.20	700	100	30	15	10	10
L4FS	48 11 56	120 54 10	1.0	2.0	3.0	.30	500	100	15	20	15	10
L53FS	48 16 27	121 2 8	2.0	5.0	5.0	1.00	1,000	200	150	50	20	20
L54FS	48 16 28	121 2 21	1.5	3.0	5.0	.50	700	100	150	50	15	10
L55FS	48 17 0	121 1 19	1.5	1.5	5.0	.20	1,000	150	20	5	20	30

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Cu-ppm s	Mo-ppm s	W-ppm cm	Bi-ppm s	Au-ppm aa	Pb-ppm s	Ag-ppm s	Zn-ppm aa	Zn-ppm s	As-ppm s	B-ppm s	Be-ppm s	Sr-ppm s
L114FS	70	N	--	N	N	20	N	140	N	N	70	1.0	200
L117FS	15	N	--	N	N	<10	N	15	N	N	<10	1.0	500
L118FS	20	N	--	N	N	15	N	70	N	N	10	1.0	300
L119FS	30	N	--	N	N	30	N	100	N	N	15	1.0	300
L11FS	50	N	--	N	--	20	N	100	N	N	15	N	500
L121FS	20	N	--	N	N	15	N	65	N	N	15	1.0	300
L122FS	10	N	--	N	N	10	N	25	N	N	<10	1.0	500
L124FS	20	N	--	N	N	15	N	55	N	N	10	1.0	500
L126FS	20	N	--	N	<.200	30	N	95	N	N	10	1.0	200
L127FS	20	N	--	N	N	15	N	50	N	N	10	1.0	500
L128FS	50	N	--	N	N	15	N	110	N	N	20	1.0	300
L129FS	15	N	--	N	N	10	N	60	N	N	20	1.5	500
L12FS	70	N	--	N	--	20	N	160	200	N	20	N	300
L13FS	20	N	--	N	--	10	N	55	N	N	10	<1.0	300
L14FS	30	N	--	N	--	20	N	75	N	N	15	N	300
L17FS	30	N	--	N	--	<10	N	35	N	N	10	N	500
L18FS	30	N	--	N	--	10	N	40	N	N	10	N	500
L19FS	50	N	--	N	.850	10	N	50	N	N	10	<1.0	300
L1FS	100	<5	--	N	--	20	<.5	30	N	N	10	1.0	300
L200FS	20	N	--	N	N	<10	N	95	N	N	15	1.0	200
L201FS	30	7	--	N	--	<10	.5	60	N	N	20	1.5	200
L202FS	30	N	--	N	N	10	N	95	N	N	20	1.0	200
L203FS	30	N	--	N	N	10	N	85	N	N	20	1.0	200
L204FS	30	N	--	N	N	10	N	110	N	N	20	1.0	200
L205FS	50	N	--	N	N	15	N	150	N	N	20	1.0	150
L206FS	50	5	--	N	N	15	N	90	N	N	10	1.0	300
L22FS	30	N	--	N	--	10	N	45	N	N	15	<1.0	300
L23FS	15	N	--	N	N	10	N	35	N	N	10	<1.0	300
L24FS	20	N	--	N	<.050	15	N	50	N	N	10	1.0	300
L25FS	15	N	--	N	.050	15	N	35	N	N	10	1.0	300
L2FS	10	N	--	N	--	10	N	10	N	N	10	1.0	300
L32FS	30	N	--	N	.050	10	N	45	N	N	10	1.0	500
L33FS	20	N	--	N	N	<10	N	40	N	N	10	N	500
L34FS	50	N	--	N	N	15	N	80	N	N	10	<1.0	500
L36FS	15	N	--	N	N	15	N	15	N	N	10	1.0	300
L38FS	30	N	--	N	N	15	N	30	N	N	150	1.0	300
L39FS	50	N	--	N	N	15	N	40	N	N	200	<1.0	300
L3FS	20	N	--	N	--	50	<.5	30	N	N	10	<1.0	300
L40FS	30	5	--	N	N	20	N	25	N	1,000	100	1.0	300
L41FS	15	N	--	N	N	15	N	25	N	N	10	1.0	300
L43FS	30	N	--	N	N	10	N	35	N	N	100	N	300
L4FS	100	N	--	N	--	50	1.0	100	N	N	10	1.0	300
L53FS	15	N	--	N	.100	15	N	55	N	N	10	1.5	300
L54FS	20	N	--	N	.100	20	N	100	N	N	30	1.5	300
L55FS	10	N	--	N	<.050	15	N	30	N	N	10	<1.0	300

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Ba-ppm s	La-ppm s	Y-ppm s	Zr-ppm s
L114FS	700	30	30	100
L117FS	300	N	10	100
L118FS	300	N	15	70
L119FS	300	N	20	100
L11FS	500	N	20	200
L121FS	300	N	20	100
L122FS	500	N	10	100
L124FS	500	N	15	100
L126FS	500	N	15	70
L127FS	500	N	15	150
L128FS	500	N	20	150
L129FS	300	N	20	100
L12FS	500	N	20	150
L13FS	500	N	15	100
L14FS	300	N	15	100
L17FS	300	N	15	70
L18FS	500	N	20	70
L19FS	300	N	20	70
L1FS	500	N	20	150
L200FS	300	N	15	100
L201FS	300	30	30	100
L202FS	300	N	20	150
L203FS	300	N	30	150
L204FS	300	N	30	100
L205FS	300	20	20	100
L206FS	300	N	20	150
L22FS	300	N	20	100
L23FS	500	N	15	150
L24FS	500	N	20	100
L25FS	500	N	20	150
L2FS	500	N	15	100
L32FS	500	N	20	150
L33FS	300	N	20	200
L34FS	700	N	20	100
L36FS	500	N	15	150
L38FS	500	N	15	150
L39FS	300	N	30	500
L3FS	500	N	15	150
L40FS	500	N	15	100
L41FS	500	N	20	150
L43FS	500	N	20	100
L4FS	500	N	15	100
L53FS	500	30	50	500
L54FS	700	20	20	200
L55FS	300	50	50	500

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Latitude	Longitude	Mg-pct.	Ca-pct.	Fe-pct.	Ti-pct.	Mn-ppm	V-ppm	Cr-ppm	Ni-ppm	Co-ppm	Sc-ppm
			s	s	s	s	s	s	s	s	s	s
L60FS	48 16 33	121 7 46	1.5	3.0	5.0	.50	1,000	100	150	100	20	15
L63FS	48 7 55	120 52 55	1.5	3.0	5.0	.30	700	100	30	20	20	10
L65FS	48 8 37	120 53 45	1.5	3.0	3.0	.30	1,000	100	30	20	10	10
L66FS	48 8 32	120 53 51	1.5	3.0	3.0	.30	500	100	70	30	10	10
L68FS	48 8 12	120 53 28	1.5	5.0	5.0	.30	700	100	70	30	15	15
L69FS	48 8 7	120 53 29	.5	1.0	2.0	.15	700	30	10	15	10	5
L71FS	48 1 40	121 7 0	1.5	2.0	5.0	.50	700	150	100	50	20	15
L72FS	48 1 46	121 6 36	1.0	1.5	3.0	.30	300	100	50	30	10	10
L73FS	48 1 51	121 6 8	1.5	2.0	5.0	.50	700	200	100	50	20	15
L74FS	48 1 52	121 5 19	1.5	2.0	5.0	.50	1,000	150	70	30	15	20
L75FS	48 1 55	121 5 2	1.5	3.0	5.0	.50	700	200	100	50	20	20
L76FS	48 1 58	121 4 5	1.5	3.0	5.0	.50	700	150	70	20	15	20
L77FS	48 1 52	121 3 14	2.0	3.0	7.0	1.00	1,000	200	100	30	20	20
L78FS	48 1 47	121 2 11	1.5	3.0	5.0	.50	1,000	150	50	20	20	15
L79FS	48 1 51	121 0 23	2.0	3.0	5.0	.50	1,000	100	50	20	20	20
L7FS	48 12 19	120 53 16	1.5	2.0	5.0	.50	700	150	30	20	30	15
L80FS	48 1 43	120 59 59	1.5	3.0	5.0	.50	1,000	100	50	20	15	15
L81FS	48 1 31	120 59 10	2.0	3.0	5.0	.70	1,000	200	200	100	30	20
L82FS	48 3 18	121 8 59	1.0	2.0	3.0	.50	500	150	100	50	15	15
L83FS	48 4 0	121 9 15	2.0	3.0	5.0	.50	1,000	200	150	70	30	20
L84FS	48 4 32	121 9 19	1.5	3.0	5.0	.50	700	150	100	50	20	15
L85FS	48 5 10	121 9 45	1.5	3.0	5.0	.50	1,000	150	50	30	20	15
L86FS	48 5 36	121 10 4	1.5	3.0	5.0	.30	700	100	50	30	15	15
L87FS	48 6 1	121 10 20	2.0	5.0	5.0	.30	1,000	150	30	20	20	15
L88FS	48 6 35	121 10 25	1.5	5.0	5.0	.30	700	150	30	30	20	15
L89FS	48 6 38	121 10 31	1.5	3.0	3.0	.20	500	100	20	20	10	10
L8FS	48 12 23	120 52 36	1.0	2.0	5.0	.30	700	100	20	20	20	15
L90FS	48 7 11	121 11 25	2.0	5.0	5.0	.30	1,000	150	30	30	20	15
L92FS	48 7 38	121 11 53	1.5	5.0	3.0	.30	700	100	15	15	10	10
L93FS	48 8 39	121 13 42	2.0	3.0	10.0	.70	1,000	200	100	50	50	20
L94FS	48 8 53	121 13 54	2.0	3.0	7.0	.30	700	100	70	30	30	20
L95FS	48 9 13	121 14 30	2.0	3.0	10.0	.70	1,000	200	70	50	30	20
L96FS	48 5 20	121 10 22	1.5	3.0	5.0	.70	1,000	150	150	50	20	20
L98FS	48 5 22	121 10 46	1.0	1.0	5.0	.20	500	100	50	20	15	10
L99FS	48 6 18	121 11 8	1.5	2.0	5.0	.50	700	100	20	20	20	15
L9FS	48 12 38	120 51 52	1.5	2.0	5.0	.50	700	150	20	15	15	15
S10FS	48 12 46	121 7 11	1.5	3.0	5.0	.70	1,000	100	150	50	20	15
S12FS	48 12 48	121 7 30	1.5	5.0	5.0	1.00	700	150	100	20	15	15
S14FS	48 12 52	121 8 29	2.0	5.0	7.0	1.00	1,000	200	200	70	30	20
S16FS	48 13 18	121 9 31	2.0	2.0	5.0	.50	1,000	100	300	200	30	15
S17FS	48 14 20	121 10 42	1.5	3.0	5.0	.50	1,000	100	150	100	20	15
S19FS	48 4 5	120 56 17	1.5	1.5	7.0	.50	700	150	70	50	20	15
S1FS	48 11 50	121 2 32	1.0	2.0	5.0	.30	1,000	100	20	10	10	10
S20FS	48 3 49	120 56 8	1.5	1.5	5.0	.70	2,000	100	500	150	20	15
S23FS	48 2 7	120 56 7	1.5	1.5	5.0	.50	1,000	100	300	100	30	20

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Cu-ppm s	Mo-ppm s	W-ppm cm	Bi-ppm s	Au-ppm aa	Pb-ppm s	Ag-ppm s	Zn-ppm aa	Zn-ppm s	As-ppm s	B-ppm s	Be-ppm s	Sr-ppm s
L60FS	50	N	--	N	--	15	N	80	N	N	10	1.5	200
L63FS	50	N	--	N	N	15	N	25	N	N	20	1.5	300
L65FS	50	N	--	N	.050	20	N	40	N	N	20	1.5	300
L66FS	30	N	--	N	N	15	N	40	N	N	15	1.5	300
L68FS	30	N	--	N	N	20	N	45	N	N	20	1.5	500
L69FS	15	N	--	N	N	20	N	40	N	N	15	1.0	200
L71FS	50	N	--	N	N	20	N	60	N	N	50	1.5	300
L72FS	50	N	--	N	.050	15	N	50	N	N	30	1.0	200
L73FS	50	N	--	N	N	15	N	70	N	N	50	1.5	200
L74FS	50	N	--	N	N	15	N	60	N	N	30	1.0	300
L75FS	70	N	--	N	N	15	N	80	N	N	10	1.0	500
L76FS	20	N	--	N	N	15	N	50	N	N	10	1.0	500
L77FS	20	N	--	N	N	15	N	40	N	N	10	1.0	500
L78FS	20	N	--	N	N	10	<.5	25	N	N	10	1.0	300
L79FS	10	N	--	N	N	10	N	20	N	N	10	1.0	500
L7FS	15	N	--	N	--	30	<.5	40	N	N	10	N	300
L80FS	20	N	--	N	N	15	N	30	N	N	10	1.0	500
L81FS	50	N	--	N	N	<10	N	60	N	N	10	1.0	200
L82FS	30	N	--	N	N	10	N	80	N	N	20	1.5	300
L83FS	50	N	--	N	--	15	N	45	N	N	10	1.0	300
L84FS	50	N	--	N	--	15	N	80	N	N	20	1.5	500
L85FS	20	N	--	N	--	10	N	20	N	N	10	1.0	500
L86FS	15	N	--	N	--	10	N	40	N	N	15	1.0	500
L87FS	10	N	--	N	--	<10	N	10	N	N	10	1.0	500
L88FS	20	N	--	N	--	10	N	10	N	N	15	1.0	500
L89FS	15	N	--	N	--	10	N	10	N	N	10	1.0	500
L8FS	30	<5	--	N	--	30	N	50	N	N	10	<1.0	300
L90FS	20	N	--	N	--	10	N	10	N	N	15	1.0	700
L92FS	20	N	--	N	--	20	N	20	N	N	15	1.0	500
L93FS	15	N	--	N	--	10	N	15	N	N	10	1.0	500
L94FS	15	N	--	N	--	15	N	15	N	N	10	1.0	500
L95FS	10	N	--	N	--	10	N	20	N	N	10	1.0	500
L96FS	20	N	--	N	--	20	N	45	N	N	20	1.0	500
L98FS	15	N	--	N	N	10	N	35	N	N	10	1.0	500
L99FS	10	N	--	N	--	15	N	35	N	N	10	1.0	300
L9FS	15	N	--	N	--	50	.7	55	N	N	10	N	300
S10FS	15	N	--	N	--	20	N	--	N	N	10	1.0	300
S12FS	10	N	--	N	--	15	N	--	N	N	10	1.5	500
S14FS	50	N	--	N	--	10	N	--	N	N	10	1.5	300
S16FS	50	N	--	N	--	10	N	--	N	N	10	1.0	200
S17FS	70	N	--	N	--	10	N	--	N	N	15	1.5	200
S19FS	20	N	--	N	N	10	N	25	N	N	10	1.0	500
S1FS	30	N	--	N	--	30	N	--	N	N	10	1.5	300
S20FS	100	N	--	N	<.050	10	N	20	N	N	10	1.0	200
S23FS	50	N	--	N	<.050	15	N	65	N	N	10	1.0	300

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Ba-ppm s	La-ppm s	Y-ppm s	Zr-ppm s
L60FS	500	20	20	100
L63FS	300	N	20	70
L65FS	300	N	20	200
L66FS	300	N	20	100
L68FS	500	20	20	100
L69FS	200	N	10	50
L71FS	300	N	15	100
L72FS	300	N	10	100
L73FS	300	N	20	100
L74FS	300	N	30	100
L75FS	500	N	20	150
L76FS	300	N	20	100
L77FS	300	N	30	200
L78FS	300	N	20	100
L79FS	300	N	20	150
L7FS	500	N	20	200
L80FS	500	N	20	100
L81FS	500	N	20	100
L82FS	500	N	20	150
L83FS	200	N	20	70
L84FS	500	N	20	150
L85FS	300	N	20	100
L86FS	300	N	15	100
L87FS	300	N	15	150
L88FS	500	N	15	100
L89FS	500	N	15	100
L8FS	500	N	20	150
L90FS	500	N	20	50
L92FS	300	N	10	70
L93FS	300	N	20	200
L94FS	300	N	20	100
L95FS	200	N	20	50
L96FS	300	20	30	150
L98FS	300	N	15	70
L99FS	300	N	15	100
L9FS	500	N	20	200
S10FS	500	N	20	100
S12FS	1,000	20	30	200
S14FS	300	20	30	100
S16FS	300	N	20	70
S17FS	700	20	20	100
S19FS	300	N	20	100
S1FS	500	N	20	150
S20FS	150	N	30	100
S23FS	500	N	20	100

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Latitude	Longitude	Mg-pct. s	Ca-pct. s	Fe-pct. s	Ti-pct. s	Mn-ppm s	V-ppm s	Cr-ppm s	Ni-ppm s	Co-ppm s	Sc-ppm s
S24FS	48 2 1	120 56 39	1.5	1.0	5.0	.50	700	100	150	70	20	20
S27FS	48 2 35	121 0 17	1.5	1.5	5.0	.30	700	100	100	50	20	15
S28FS	48 3 6	121 1 6	1.0	1.5	5.0	.30	700	100	50	15	15	20
S29FS	48 2 59	121 1 13	1.5	1.0	7.0	.50	1,000	150	50	30	30	20
S2FS	48 11 58	121 2 51	.7	2.0	3.0	.15	500	50	<10	N.	5	5
S30FS	48 3 46	121 1 10	1.0	1.5	5.0	.30	700	100	30	15	15	20
S31FS	48 3 44	121 1 24	1.0	1.5	5.0	.50	700	100	50	20	15	20
S4FS	48 12 4	121 3 21	.7	2.0	2.0	.20	700	50	10	10	7	5
S5FS	48 12 17	121 3 55	.7	2.0	2.0	.15	1,000	50	10	7	7	5
S6FS	48 12 25	121 4 12	.7	1.0	2.0	.15	500	50	10	7	10	5
S7FS	48 12 48	121 5 11	1.0	3.0	5.0	.50	1,000	150	50	20	15	10
S8FS	48 12 45	121 6 1	1.5	3.0	5.0	.70	1,000	150	100	30	15	15
S9FS	48 12 43	121 6 29	2.0	3.0	5.0	1.00	1,000	150	150	30	20	15

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Cu-ppm s	Mo-ppm s	W-ppm cm	Bi-ppm s	Au-ppm aa	Pb-ppm s	Ag-ppm s	Zn-ppm aa	Zn-ppm s	As-ppm s	B-ppm s	Be-ppm s	Sr-ppm s
S24FS	70	N	--	N	<.050	20	N	100	N	N	10	1.5	200
S27FS	20	N	--	N	N	10	N	45	N	N	10	1.0	300
S28FS	10	N	--	N	N	10	N	25	N	N	<10	1.0	500
S29FS	7	N	--	N	<.100	10	N	20	N	N	10	1.0	500
S2FS	7	N	--	N	--	20	N	--	N	N	N	2.0	200
S30FS	10	N	--	N	<.050	10	N	25	N	N	<10	1.0	500
S31FS	10	N	--	N	<.050	10	N	25	N	N	10	1.0	500
S4FS	30	N	--	N	--	70	.5	--	N	N	20	1.5	200
S5FS	100	N	--	N	--	200	1.0	--	1,500	N	20	1.5	200
S6FS	15	N	--	N	<.200	50	N	110	N	N	10	1.5	200
S7FS	15	N	--	N	--	30	N	--	N	N	15	1.5	300
S8FS	10	N	--	N	--	20	N	--	N	N	<10	1.5	500
S9FS	15	N	--	N	--	15	N	--	N	N	10	1.0	300

Table 2. Analytical data from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Ba-ppm s	La-ppm s	Y-ppm s	Zr-ppm s
S24FS	700	20	30	100
S27FS	300	N	20	100
S28FS	300	N	20	100
S29FS	300	N	20	150
S2FS	700	30	15	70
S30FS	300	N	20	150
S31FS	300	N	20	100
S4FS	300	20	15	70
S5FS	300	N	15	200
S6FS	300	20	15	100
S7FS	700	N	20	300
S8FS	1,000	N	20	150
S9FS	700	20	20	150

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.

[The following qualifiers are used in reporting spectrographic data: --, no determination made; N, concentration less than the detection limit; L, detected, but present at a concentration less than the value reported; G, element present at a concentration greater than the upper calibration limit; and H, interfering spectra render analytical lines unusable.]

Sample	Latitude	Longitude	Mg-pct. s	Ca-pct. s	Fe-pct. s	Ti-pct. s	Mn-ppm s	Cr-ppm s	Ni-ppm s	Co-ppm s	Cu-ppm s	Mo-ppm s
E100CA	48 8 4	120 55 52	.50	10.0	2.0	>2.000	500	200	15	10	20	N
E101CA	48 8 28	120 56 13	1.00	15.0	3.0	2.000	1,000	200	20	10	20	N
E10CA	48 7 17	120 52 34	2.00	5.0	7.0	2.000	1,000	200	30	20	30	N
E116CA	48 25 46	121 7 29	.70	10.0	5.0	>2.000	700	100	20	50	500	70
E118CA	48 25 12	121 7 18	7.00	10.0	10.0	>2.000	1,500	500	200	100	1,000	20
E119CA	48 24 53	121 6 55	2.00	10.0	10.0	>2.000	1,000	200	100	150	3,000	50
E11CA	48 7 39	120 52 41	.50	1.0	2.0	>2.000	300	300	N	N	20	N
E120CA	48 24 48	121 6 49	2.00	10.0	7.0	>2.000	1,000	150	70	70	500	N
E121CA	48 24 45	121 6 46	2.00	5.0	5.0	>2.000	1,000	150	50	30	70	N
E122CA	48 24 34	121 6 38	1.00	5.0	10.0	2.000	1,500	100	50	50	100	15
E123CA	48 24 28	121 6 38	2.00	10.0	10.0	2.000	1,500	200	200	300	1,500	N
E125CA	48 16 37	121 12 25	5.00	10.0	5.0	>2.000	2,000	500	200	30	30	N
E126CA	48 16 59	121 12 13	5.00	10.0	5.0	>2.000	1,500	300	150	30	20	N
E127CA	48 17 38	121 11 52	5.00	10.0	7.0	>2.000	2,000	500	200	50	20	N
E128CA	48 18 23	121 11 3	5.00	10.0	5.0	>2.000	2,000	500	200	30	<10	N
E129CA	48 18 58	121 9 57	5.00	10.0	5.0	>2.000	2,000	500	150	30	20	N
E130CA	48 19 27	121 9 17	7.00	15.0	5.0	>2.000	2,000	500	200	30	30	N
E132CA	48 17 16	121 12 18	2.00	10.0	5.0	>2.000	1,000	300	100	30	30	N
E134CA	48 17 45	121 11 48	3.00	10.0	7.0	>2.000	1,500	500	200	30	50	N
E135CA	48 17 52	121 11 40	5.00	10.0	5.0	>2.000	1,500	500	200	30	10	N
E136CA	48 15 41	121 9 0	.50	15.0	2.0	>2.000	1,000	200	10	20	<10	N
E137CA	48 15 33	121 9 22	1.00	10.0	2.0	>2.000	1,000	200	50	20	<10	N
E138CA	48 15 32	121 9 28	.50	10.0	2.0	>2.000	1,000	150	10	20	<10	50
E13CA	48 7 49	120 52 52	1.00	2.0	3.0	>2.000	300	300	20	N	70	N
E141CA	48 15 28	121 10 11	1.50	10.0	2.0	>2.000	1,000	200	100	20	<10	N
E142CA	48 15 27	121 10 37	3.00	10.0	5.0	>2.000	1,500	500	200	30	50	N
E143CA	48 15 22	121 10 48	2.00	10.0	3.0	>2.000	1,000	300	100	20	30	N
E145CA	48 15 53	121 8 30	.50	15.0	2.0	>2.000	1,000	100	10	10	<10	N
E146CA	48 16 17	121 7 53	.30	20.0	2.0	>2.000	1,000	200	15	20	<10	N
E147CA	48 16 29	121 7 29	.50	15.0	2.0	>2.000	1,000	200	20	20	<10	N
E148CA	48 16 34	121 7 27	1.50	15.0	2.0	>2.000	1,000	300	100	20	<10	N
E14CA	48 7 58	120 52 57	1.00	2.0	5.0	>2.000	500	300	20	10	50	N
E150CA	48 25 50	121 20 29	1.50	10.0	5.0	>2.000	1,500	100	10	10	<10	N
E151CA	48 25 42	121 19 42	.50	10.0	3.0	>2.000	1,500	100	<10	N	<10	N
E152CA	48 25 38	121 19 28	.70	10.0	3.0	>2.000	1,000	70	<10	10	20	N
E153CA	48 25 43	121 19 58	.70	10.0	3.0	>2.000	1,000	150	10	20	<10	N
E156CA	48 24 28	121 21 13	1.00	10.0	7.0	1.000	1,000	100	30	20	50	N
E157CA	48 24 11	121 20 49	1.00	10.0	5.0	2.000	1,000	70	20	20	50	N
E15CA	48 8 10	120 53 5	.70	2.0	2.0	>2.000	500	300	20	N	20	N
E17CA	47 55 52	120 52 18	2.00	10.0	7.0	2.000	1,000	200	50	30	50	N
E18CA	47 55 59	120 52 17	2.00	7.0	5.0	>2.000	1,000	500	100	20	20	N
E1CA	48 6 20	120 52 42	1.00	5.0	3.0	>2.000	500	500	15	15	70	N
E20CA	48 5 4	120 59 4	5.00	7.0	5.0	>2.000	1,000	700	200	50	30	N
E21CA	48 5 8	120 58 59	2.00	7.0	5.0	>2.000	1,000	500	200	30	500	N
E24CA	48 5 3	120 57 46	2.00	10.0	5.0	>2.000	1,000	700	300	50	200	N

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.

Sample	W-ppm s	Sn-ppm s	Bi-ppm s	Pb-ppm s	Ag-ppm s	Zn-ppm aa	Cd-ppm s	As-ppm s	Sb-ppm s	Hg-ppm inst	B-ppm s	Be-ppm s	Sr-ppm s
E100CA	N	20	N	20	N	--	N	N	N	--	700	N	500
E101CA	N	20	N	50	N	--	N	N	N	--	50	N	1,000
E10CA	N	N	N	N	N	--	N	N	N	--	700	N	500
E116CA	1,000	150	150	100	10.0	--	N	N	N	--	30	N	N
E118CA	300	30	100	100	3.0	--	N	N	N	--	1,000	N	200
E119CA	700	20	150	150	7.0	--	N	2,000	N	--	1,500	N	200
E11CA	N	30	N	N	N	--	N	N	N	--	1,000	N	<200
E120CA	200	N	N	200	2.0	--	N	N	N	--	500	N	500
E121CA	N	N	N	50	10.0	--	N	N	N	--	300	N	500
E122CA	N	N	N	30	N	--	N	1,000	N	--	300	<2	500
E123CA	200	N	N	30	10.0	--	N	N	N	--	200	<2	1,000
E125CA	N	20	N	20	N	--	N	N	N	--	150	N	700
E126CA	N	30	N	20	N	--	N	N	N	--	150	N	500
E127CA	N	<20	N	50	N	--	N	N	N	--	200	N	700
E128CA	N	30	N	<20	N	--	N	N	N	--	200	<2	500
E129CA	N	20	N	<20	N	--	N	N	N	--	200	N	200
E130CA	N	30	N	<20	N	--	N	N	N	--	300	N	500
E132CA	N	30	N	20	5.0	--	N	N	N	--	100	N	500
E134CA	N	30	N	20	N	--	N	N	N	--	200	N	700
E135CA	N	20	N	<20	N	--	N	N	N	--	200	N	500
E136CA	N	100	N	20	5.0	--	N	N	N	--	20	N	300
E137CA	N	70	N	N	3.0	--	N	N	N	--	50	N	300
E138CA	N	70	N	<20	N	--	N	N	N	--	20	N	300
E13CA	N	30	N	50	N	20	N	N	N	.25	3,000	N	<200
E141CA	N	100	N	20	N	--	N	N	N	--	20	N	300
E142CA	N	50	N	20	N	--	N	N	N	--	20	N	300
E143CA	N	20	N	<20	N	--	N	N	N	--	20	N	300
E145CA	N	100	N	20	N	--	N	N	N	--	20	N	500
E146CA	N	100	N	20	N	--	N	N	N	--	20	N	500
E147CA	N	100	N	20	N	--	N	N	N	--	20	N	300
E148CA	N	100	N	20	N	--	N	N	N	--	100	N	500
E14CA	N	50	N	<20	N	--	N	N	N	--	3,000	N	<200
E150CA	N	100	N	50	N	--	N	N	N	--	30	N	1,000
E151CA	N	100	N	50	N	--	N	N	N	--	20	N	1,000
E152CA	N	100	N	50	N	--	N	N	N	--	20	N	700
E153CA	N	200	N	30	N	--	N	N	N	--	150	N	200
E156CA	N	30	N	<20	N	--	N	N	N	--	100	N	300
E157CA	N	30	50	<20	N	--	N	N	N	--	70	N	500
E15CA	N	N	N	N	N	30	N	N	N	.04	1,500	N	<200
E17CA	N	N	N	<20	N	10	N	N	N	--	<20	N	1,500
E18CA	N	30	N	20	N	15	N	N	N	--	<20	N	700
E1CA	N	20	N	20	N	20	N	N	N	.02	1,500	N	300
E20CA	N	N	N	30	N	20	N	N	N	--	20	N	700
E21CA	N	20	N	30	N	15	N	N	N	--	70	N	700
E24CA	N	20	N	50	N	10	N	N	N	--	100	N	1,000

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.

Sample	Ba-ppm s	La-ppm s	Y-ppm s	Zr-ppm s	Th-ppm s	Nb-ppm s
E100CA	300	300	150	>2,000	N	100
E101CA	500	150	150	1,500	N	N
E10CA	500	50	100	>2,000	N	70
E116CA	200	200	500	>2,000	<200	70
E118CA	1,500	N	150	1,000	N	<50
E119CA	3,000	50	200	500	N	N
E11CA	500	200	100	>2,000	N	150
E120CA	5,000	N	100	500	N	N
E121CA	700	N	150	300	N	<50
E122CA	1,500	70	100	700	N	N
E123CA	1,000	50	100	500	N	N
E125CA	500	300	150	700	N	200
E126CA	300	100	200	700	N	300
E127CA	150	200	200	300	N	150
E128CA	150	100	150	700	N	100
E129CA	200	200	100	200	N	70
E130CA	100	200	200	700	N	150
E132CA	300	N	150	2,000	N	50
E134CA	500	100	150	500	N	200
E135CA	200	50	150	300	N	100
E136CA	150	500	500	1,000	N	200
E137CA	100	500	500	1,500	N	200
E138CA	200	1,000	500	1,000	N	200
E13CA	500	150	150	>2,000	N	100
E141CA	150	700	300	700	N	100
E142CA	200	200	300	700	N	100
E143CA	500	70	300	700	N	100
E145CA	200	500	300	500	N	100
E146CA	100	300	500	700	N	200
E147CA	150	300	500	1,000	N	200
E148CA	100	500	500	700	N	200
E14CA	500	150	150	>2,000	N	150
E150CA	500	1,000	500	1,500	N	100
E151CA	200	300	500	>2,000	N	70
E152CA	300	1,000	300	2,000	N	70
E153CA	200	500	1,500	>2,000	N	200
E156CA	1,500	N	70	700	N	N
E157CA	200	1,000	150	>2,000	N	N
E15CA	700	100	100	700	N	150
E17CA	300	50	100	700	N	100
E18CA	500	150	150	500	N	200
E1CA	500	200	150	2,000	N	100
E20CA	700	100	100	200	N	150
E21CA	300	100	100	1,500	N	150
E24CA	500	100	200	1,000	N	150

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Latitude	Longitude	Mg-pct. s	Ca-pct. s	Fe-pct. s	Ti-pct. s	Mn-ppm s	Cr-ppm s	Ni-ppm s	Co-ppm s	Cu-ppm s	Mo-ppm s
E25CA	48 4 43	120 56 52	2.00	7.0	5.0	>2.000	1,000	300	150	30	30	10
E26CA	48 4 23	120 56 17	3.00	10.0	5.0	>2.000	1,000	500	150	30	70	N
E27CA	48 3 51	120 55 50	2.00	7.0	3.0	>2.000	1,000	300	150	30	20	N
E28CA	48 3 30	120 55 17	3.00	10.0	5.0	2.000	1,000	300	150	30	50	N
E29CA	48 3 10	120 54 43	3.00	10.0	5.0	>2.000	1,000	500	150	50	70	N
E2CA	48 6 33	120 53 4	.70	2.0	3.0	>2.000	300	500	15	10	15	N
E30CA	48 2 44	120 53 59	5.00	10.0	5.0	>2.000	1,500	700	500	50	20	N
E3CA	48 6 40	120 53 30	1.00	3.0	5.0	>2.000	500	500	15	10	15	N
E4CA	48 6 33	120 53 50	1.00	10.0	3.0	>2.000	700	300	50	15	15	N
E52CA	48 14 50	120 59 28	1.00	20.0	2.0	.700	3,000	150	30	N	20	N
E53CA	48 14 13	120 59 2	3.00	15.0	3.0	>2.000	1,500	500	100	20	30	N
E54CA	48 13 24	120 58 58	1.00	10.0	3.0	2.000	1,000	300	20	10	20	N
E55CA	48 13 17	120 58 47	1.00	10.0	3.0	>2.000	1,000	200	30	10	200	N
E56CA	48 12 41	120 58 50	1.00	15.0	3.0	2.000	2,000	100	15	10	100	N
E5CA	48 6 29	120 53 50	5.00	15.0	10.0	>2.000	1,500	700	200	30	30	N
E6CA	48 6 22	120 53 17	5.00	10.0	7.0	>2.000	1,000	500	200	30	20	N
E7CA	48 6 29	120 52 21	.50	1.5	3.0	>2.000	500	500	N	N	15	N
E8CA	48 6 37	120 52 27	.70	2.0	2.0	>2.000	500	300	10	N	30	N
E96CA	48 7 33	120 53 46	1.50	10.0	3.0	>2.000	1,000	300	50	20	30	N
E98CA	48 7 49	120 54 34	.50	10.0	2.0	>2.000	500	200	20	15	30	N
E99CA	48 7 56	120 55 21	1.00	7.0	3.0	>2.000	500	300	20	15	20	N
E9CA	48 7 2	120 52 30	2.00	7.0	7.0	>2.000	1,500	200	20	20	20	N
G26CA	48 9 1	120 46 38	2.00	10.0	7.0	1.500	1,000	150	20	30	30	N
G27CA	48 9 0	120 46 10	2.00	10.0	7.0	1.500	1,000	300	20	30	70	N
G28CA	48 9 1	120 45 53	1.50	10.0	7.0	>2.000	1,000	100	20	15	50	N
G29CA	48 8 55	120 45 17	1.00	3.0	15.0	>2.000	1,000	50	15	100	200	N
G30CA	48 8 58	120 44 47	5.00	15.0	7.0	1.500	5,000	200	20	20	30	N
G31CA	48 9 8	120 44 40	3.00	10.0	10.0	>2.000	1,500	150	15	20	50	N
G32CA	48 13 8	120 56 8	1.50	5.0	2.0	>2.000	1,000	150	N	20	<10	N
G34CA	48 13 42	120 55 57	1.00	15.0	2.0	>2.000	1,500	100	N	15	70	N
G35CA	48 14 27	120 56 4	.70	10.0	2.0	>2.000	1,000	70	N	10	200	50
G36CA	48 14 29	120 56 13	2.00	10.0	5.0	>2.000	1,500	70	N	20	300	20
G37CA	48 15 18	120 55 26	1.50	10.0	7.0	2.000	1,500	100	30	20	200	N
G38CA	48 15 41	120 55 33	1.00	10.0	3.0	>2.000	1,000	100	30	30	500	N
G40CA	48 16 8	120 55 39	1.50	10.0	7.0	2.000	2,000	70	20	20	30	N
G42CA	48 18 31	120 55 5	1.50	10.0	5.0	.700	1,500	70	30	20	20	N
G44CA	48 18 38	120 55 22	1.00	10.0	5.0	>2.000	1,500	100	20	15	50	N
G45CA	48 18 18	120 55 22	1.50	15.0	5.0	>2.000	2,000	150	20	20	100	N
GP01C	48 7 41	120 50 26	7.00	7.0	15.0	1.500	3,000	500	150	70	50	N
GP02C	48 7 35	120 50 17	5.00	2.0	30.0	>2.000	5,000	300	100	100	70	N
GP03C	48 6 17	120 50 3	7.00	3.0	30.0	>2.000	7,000	500	100	150	70	N
GP04C	48 6 18	120 49 51	7.00	10.0	20.0	1.500	3,000	300	70	70	30	N
GP05C	48 5 51	120 49 42	7.00	7.0	10.0	1.500	3,000	500	70	50	1,500	N
GP06C	48 5 47	120 49 31	10.00	7.0	20.0	1.500	3,000	700	100	100	100	N
GP07C	48 5 6	120 50 3	5.00	2.0	50.0	>2.000	7,000	500	100	100	100	N

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	W-ppm s	Sn-ppm s	Bi-ppm s	Pb-ppm s	Ag-ppm s	Zn-ppm aa	Cd-ppm s	As-ppm s	Sb-ppm s	Hg-ppm inst	B-ppm s	Be-ppm s	Sr-ppm s
E25CA	N	20	N	N	N	20	N	N	N	--	20	N	300
E26CA	N	20	N	20	N	20	N	N	N	--	200	N	700
E27CA	N	N	N	N	N	15	N	N	N	--	20	N	300
E28CA	N	N	N	<20	N	10	N	N	N	--	20	N	500
E29CA	N	N	N	N	N	5	N	N	N	--	20	N	500
E2CA	N	N	N	N	N	15	N	N	N	.06	1,000	N	200
E30CA	N	N	N	N	N	10	N	N	N	--	<20	N	500
E3CA	N	20	N	20	N	15	N	N	N	N	2,000	N	300
E4CA	N	20	N	<20	N	15	N	N	N	.02	150	N	500
E52CA	N	N	N	100	N	40	N	1,000	N	--	2,000	N	700
E53CA	N	20	N	30	N	40	N	N	N	--	500	N	500
E54CA	100	N	N	30	N	60	N	N	N	--	2,000	N	500
E55CA	N	N	100	30	N	40	N	N	N	--	2,000	N	500
E56CA	100	20	150	500	10.0	80	N	N	N	--	2,000	N	500
E5CA	N	20	N	<20	N	10	N	N	N	.02	20	N	700
E6CA	N	20	N	<20	N	20	N	N	N	.50	<20	N	500
E7CA	N	50	N	N	N	--	N	N	N	--	1,000	N	<200
E8CA	N	N	N	N	N	--	N	N	N	--	2,000	N	200
E96CA	N	20	N	50	N	--	N	N	N	--	200	N	500
E98CA	N	20	N	20	N	--	N	N	N	--	1,000	N	500
E99CA	N	20	N	30	N	--	N	N	N	--	1,500	N	300
E9CA	N	N	N	<20	N	--	N	N	N	--	1,000	N	500
G26CA	N	N	N	N	N	--	N	N	N	.14	<20	N	700
G27CA	N	N	N	N	N	--	N	N	N	.04	30	N	700
G28CA	N	N	N	N	N	--	N	N	N	--	<20	N	500
G29CA	<100	70	N	N	N	--	N	N	N	N	200	N	700
G30CA	<100	N	N	N	N	--	N	N	N	.02	100	N	500
G31CA	N	N	N	N	N	--	N	N	N	N	150	N	500
G32CA	1,000	100	N	30	N	--	N	N	N	--	2,000	N	700
G34CA	N	150	100	1,000	15.0	--	N	N	N	--	200	N	200
G35CA	1,500	50	700	150	3.0	--	N	N	N	--	500	N	300
G36CA	500	50	500	500	20.0	--	N	2,000	N	--	1,500	N	200
G37CA	N	N	N	150	N	--	N	N	N	--	70	N	700
G38CA	N	30	50	<20	N	--	N	N	N	--	150	N	500
G40CA	N	N	N	50	N	--	N	N	N	--	200	N	1,000
G42CA	N	N	N	<20	N	--	N	N	N	--	50	N	700
G44CA	N	<20	<20	50	N	--	N	N	N	--	100	N	500
G45CA	N	20	N	50	N	--	N	N	N	--	200	N	500
GP01C	N	N	N	100	N	--	N	N	N	--	70	N	300
GP02C	N	N	N	N	N	20	N	N	N	--	<20	N	<200
GP03C	N	N	N	N	N	30	N	N	N	--	<20	N	<200
GP04C	<100	N	N	20	N	--	N	N	N	--	20	N	700
GP05C	100	N	20	150	10.0	--	N	N	N	.08	30	N	500
GP06C	N	N	N	<20	N	--	N	N	N	--	20	N	300
GP07C	N	N	N	N	N	45	N	N	N	--	<20	N	N

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Ba-ppm s	La-ppm s	Y-ppm s	Zr-ppm s	Th-ppm s	Nb-ppm s
E25CA	700	70	200	500	N	200
E26CA	300	100	200	1,500	N	150
E27CA	150	N	150	200	N	150
E28CA	100	N	100	200	N	100
E29CA	70	N	100	150	N	100
E2CA	500	200	100	1,500	N	100
E30CA	200	50	100	200	N	150
E3CA	700	150	70	1,000	N	100
E4CA	200	200	200	500	N	150
E52CA	300	1,000	1,000	>2,000	N	50
E53CA	150	200	300	>2,000	N	70
E54CA	700	150	200	1,000	N	50
E55CA	500	200	200	>2,000	N	70
E56CA	500	500	500	>2,000	N	50
E5CA	150	50	100	200	N	150
E6CA	150	70	200	500	N	150
E7CA	500	70	150	>2,000	N	150
E8CA	500	150	100	>2,000	N	100
E96CA	500	300	200	>2,000	N	150
E98CA	300	300	150	>2,000	N	100
E99CA	500	200	100	>2,000	N	100
E9CA	500	500	200	>2,000	N	100
G26CA	200	N	100	>2,000	N	N
G27CA	300	N	70	>2,000	N	N
G28CA	200	N	150	>2,000	N	50
G29CA	7,000	N	300	>2,000	N	100
G30CA	200	150	200	>2,000	N	N
G31CA	200	50	200	>2,000	N	<50
G32CA	500	500	500	>2,000	500	<50
G34CA	300	700	500	>2,000	500	<50
G35CA	500	300	300	>2,000	700	N
G36CA	300	500	300	>2,000	N	50
G37CA	700	50	100	>2,000	N	N
G38CA	300	200	200	>2,000	N	N
G40CA	1,500	500	150	2,000	N	N
G42CA	500	N	30	500	N	N
G44CA	500	500	300	>2,000	N	<50
G45CA	500	500	500	>2,000	<200	N
GP01C	200	150	150	700	N	N
GP02C	100	N	70	300	N	N
GP03C	150	N	100	300	N	N
GP04C	150	200	150	>2,000	N	N
GP05C	300	200	150	1,500	N	<50
GP06C	300	100	70	700	N	N
GP07C	70	N	100	300	N	N

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Latitude	Longitude	Mg-pct. s	Ca-pct. s	Fe-pct. s	Ti-pct. s	Mn-ppm s	Cr-ppm s	Ni-ppm s	Co-ppm s	Cu-ppm s	Mo-ppm s
GP08C	48 5 0	120 49 53	5.00	2.0	50.0	>2.000	5,000	2,000	150	150	50	N
GP09C	48 4 26	120 50 53	5.00	2.0	50.0	>2.000	7,000	700	100	150	70	N
GP10C	48 6 13	120 52 44	7.00	7.0	15.0	1.500	3,000	500	150	50	20	N
GP11C	48 6 18	120 52 41	5.00	1.0	30.0	>2.000	7,000	200	100	100	20	N
GP18C	48 5 24	120 51 56	7.00	3.0	30.0	>2.000	7,000	200	50	70	150	N
GP19C	48 5 6	120 51 52	5.00	2.0	30.0	>2.000	7,000	500	100	100	20	N
GP2000C	48 10 45	121 24 44	.50	5.0	20.0	>2.000	500	100	300	150	200	N
GP2001C	48 10 40	121 23 35	.70	7.0	1.5	>2.000	500	100	20	15	20	N
GP2002C	48 10 48	121 22 21	.30	10.0	1.0	2.000	500	70	20	N	20	N
GP2003C	48 7 45	121 24 35	5.00	10.0	7.0	>2.000	1,000	1,000	200	30	100	N
GP2004C	48 8 0	121 24 46	.70	5.0	10.0	>2.000	500	150	70	30	100	N
GP2005C	48 8 34	121 25 11	.70	7.0	10.0	>2.000	500	150	50	20	200	N
GP2006C	48 9 22	121 25 39	1.50	10.0	2.0	>2.000	500	200	30	N	20	N
GP2007C	48 11 6	121 21 29	.50	10.0	1.0	>2.000	200	500	N	10	20	N
GP2008C	48 10 34	121 20 50	.15	10.0	3.0	>2.000	300	200	N	10	30	N
GP2009C	48 10 14	121 19 21	.20	10.0	1.0	>2.000	200	300	N	10	30	N
GP2010C	48 9 34	121 15 40	.30	3.0	.7	>2.000	150	500	N	N	20	N
GP2011C	48 9 33	121 15 39	.20	7.0	1.0	>2.000	150	500	N	10	15	N
GP2012C	48 9 39	121 16 38	.20	10.0	1.0	>2.000	200	300	20	10	30	N
GP2013C	48 9 48	121 17 18	.20	7.0	.7	>2.000	150	500	N	10	10	N
GP2014C	48 10 5	121 18 37	.10	7.0	.5	>2.000	150	300	N	N	20	N
GP2015C	48 9 48	121 19 27	.20	20.0	.7	>2.000	300	200	N	N	10	N
GP2016C	48 9 51	121 19 25	.50	10.0	.7	>2.000	200	200	30	N	15	N
GP2017C	48 9 54	121 19 55	.70	15.0	3.0	>2.000	500	150	30	20	50	N
GP2018C	48 10 18	121 20 15	.20	5.0	15.0	>2.000	200	100	70	30	70	N
GP2019C	48 12 41	121 10 9	.10	7.0	1.5	>2.000	200	300	N	15	10	N
GP2020C	48 12 40	121 9 57	.50	10.0	1.0	>2.000	300	200	30	N	<10	N
GP2021C	48 10 57	121 9 11	.15	10.0	1.5	>2.000	300	300	N	15	20	N
GP2022C	48 10 20	121 8 50	.30	20.0	1.5	>2.000	500	200	20	N	15	N
GP2023C	48 10 36	121 7 20	2.00	7.0	1.5	>2.000	500	200	150	10	10	N
GP2024C	48 25 16	121 25 39	.20	10.0	1.5	>2.000	500	100	20	15	30	N
GP2026C	48 24 50	121 23 28	.20	10.0	1.5	>2.000	500	100	N	N	10	N
GP2027C	48 24 41	121 23 22	.50	10.0	2.0	>2.000	500	50	N	N	10	N
GP2029C	48 5 50	121 14 55	.20	15.0	1.0	>2.000	500	200	20	10	15	N
GP2030C	48 5 55	121 14 52	1.00	10.0	1.0	>2.000	300	300	50	N	70	N
GP2031C	48 6 6	121 15 59	.20	2.0	.7	>2.000	100	700	N	20	15	N
GP2032C	48 6 13	121 15 55	.20	5.0	.5	>2.000	150	500	N	20	10	N
GP2033C	48 8 12	121 17 17	2.00	20.0	2.0	>2.000	700	500	500	15	20	N
GP2034C	48 8 15	121 17 28	2.00	15.0	2.0	>2.000	700	300	150	10	15	N
GP2036C	48 8 58	121 16 43	2.00	10.0	1.5	>2.000	500	500	200	10	15	N
GP2037C	48 9 2	121 16 42	.30	5.0	.7	>2.000	150	200	N	10	10	N
GP2038C	48 5 55	121 4 0	.20	5.0	2.0	1.500	200	20	20	10	20	N
GP2039C	48 5 46	121 3 59	.70	10.0	2.0	>2.000	300	200	100	15	200	N
GP2040C	48 5 57	121 1 55	.20	7.0	1.0	>2.000	300	150	N	10	20	N
GP2041C	48 6 4	121 1 23	.50	10.0	1.0	>2.000	500	200	N	20	10	N

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	W-ppm s	Sn-ppm s	Bi-ppm s	Pb-ppm s	Ag-ppm s	Zn-ppm aa	Cd-ppm s	As-ppm s	Sb-ppm s	Hg-ppm inst	B-ppm s	Be-ppm s	Sr-ppm s
GP08C	N	N	N	N	N	40	N	N	N	--	N	N	N
GP09C	N	N	N	N	N	40	N	N	N	--	<20	N	N
GP10C	N	N	N	N	N	--	N	N	N	--	<20	N	300
GP11C	N	N	N	N	N	30	N	N	N	--	20	N	N
GP18C	N	N	N	<20	5.0	--	N	N	N	.12	100	N	N
GP19C	N	N	N	N	N	25	N	N	N	--	<20	N	N
GP2000C	100	N	N	200	N	--	N	700	N	.08	100	N	200
GP2001C	200	N	150	50	N	--	N	N	N	.02	300	N	200
GP2002C	N	N	N	70	N	--	N	N	N	.26	100	N	200
GP2003C	N	N	N	1,000	7.0	--	N	5,000	N	.28	500	N	200
GP2004C	N	N	N	200	5.0	--	N	N	N	.06	200	N	200
GP2005C	N	N	N	500	N	--	50	N	N	.14	100	N	1,000
GP2006C	N	20	N	20	N	--	N	N	N	.04	70	N	500
GP2007C	N	30	N	20	N	--	N	N	N	N	50	N	1,000
GP2008C	100	N	N	20	N	--	N	N	N	.10	70	N	500
GP2009C	N	N	N	<20	N	--	N	N	N	<.02	100	N	300
GP2010C	N	20	N	N	N	--	N	N	N	<.02	50	N	N
GP2011C	N	30	N	<20	N	--	N	N	N	N	50	N	500
GP2012C	150	N	N	<20	N	--	N	N	N	<.02	50	N	500
GP2013C	<100	N	N	<20	N	--	N	N	N	N	30	N	700
GP2014C	N	N	N	<20	N	--	N	N	N	<.02	30	N	500
GP2015C	N	N	N	<20	N	--	N	N	N	.06	20	N	500
GP2016C	N	N	N	<20	N	--	N	N	N	N	30	N	700
GP2017C	N	N	N	20	N	--	N	N	N	N	100	N	500
GP2018C	N	N	N	20	N	--	N	N	N	N	150	N	500
GP2019C	N	50	N	30	N	--	N	N	N	.02	30	N	700
GP2020C	200	50	N	20	N	--	N	N	N	.02	70	N	500
GP2021C	N	50	N	30	N	--	N	N	N	N	100	N	700
GP2022C	N	N	N	30	N	--	N	N	N	N	100	N	700
GP2023C	N	20	N	30	100.0	--	N	N	N	.02	100	N	500
GP2024C	300	70	N	50	N	--	<50	N	N	5.00	200	N	300
GP2026C	N	N	N	30	N	--	N	N	N	.20	50	N	500
GP2027C	N	N	N	<20	N	--	N	N	N	.02	50	N	1,000
GP2029C	N	30	N	700	7.0	--	N	1,000	N	.04	300	N	300
GP2030C	N	N	N	20	N	--	N	N	N	.02	150	N	500
GP2031C	N	N	N	20	1.0	--	N	N	N	.12	70	N	N
GP2032C	N	N	N	20	1.0	--	N	N	N	N	30	N	200
GP2033C	N	N	N	20	N	--	N	N	N	.04	100	N	200
GP2034C	200	N	N	20	N	--	N	N	N	N	70	N	1,000
GP2036C	N	N	N	200	N	--	N	N	N	.06	100	N	500
GP2037C	N	N	N	20	N	--	N	N	N	<.02	50	2	700
GP2038C	N	N	N	50	N	--	N	N	N	N	20	3	1,000
GP2039C	N	20	N	50	N	--	N	N	N	.06	50	N	1,000
GP2040C	N	N	N	70	N	--	N	N	N	N	30	N	1,000
GP2041C	50	200	N	N	N	--	N	N	N	N	20	N	500

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Ba-ppm s	La-ppm s	Y-ppm s	Zr-ppm s	Th-ppm s	Nb-ppm s
GP08C	50	N	100	300	N	N
GP09C	100	N	200	300	N	N
GP10C	150	70	100	200	N	<50
GP11C	50	N	150	500	N	50
GP18C	100	700	200	>2,000	N	70
GP19C	50	N	100	300	N	<50
GP2000C	700	N	200	>2,000	N	70
GP2001C	500	100	500	>2,000	N	50
GP2002C	500	150	1,000	>2,000	N	N
GP2003C	300	N	150	>2,000	N	N
GP2004C	500	50	200	>2,000	N	70
GP2005C	>10,000	70	200	>2,000	N	70
GP2006C	>10,000	100	200	>2,000	N	100
GP2007C	300	N	200	>2,000	N	200
GP2008C	300	100	200	>2,000	N	70
GP2009C	300	100	200	>2,000	N	200
GP2010C	300	50	70	1,500	N	200
GP2011C	200	150	200	2,000	N	200
GP2012C	500	100	200	>2,000	N	200
GP2013C	200	50	200	>2,000	N	200
GP2014C	200	70	200	>2,000	N	150
GP2015C	200	100	500	>2,000	N	50
GP2016C	300	70	150	>2,000	N	70
GP2017C	300	150	300	>2,000	N	<50
GP2018C	5,000	50	150	>2,000	N	50
GP2019C	200	N	200	1,000	N	200
GP2020C	200	70	300	>2,000	N	70
GP2021C	300	50	300	2,000	N	200
GP2022C	300	50	500	1,500	N	100
GP2023C	300	70	500	>2,000	N	<50
GP2024C	500	200	500	>2,000	N	150
GP2026C	300	150	300	>2,000	N	N
GP2027C	300	N	70	>2,000	N	N
GP2029C	300	50	500	>2,000	N	150
GP2030C	300	100	300	>2,000	N	70
GP2031C	200	100	100	2,000	N	500
GP2032C	200	100	200	>2,000	N	200
GP2033C	300	100	200	>2,000	N	70
GP2034C	300	150	300	>2,000	N	100
GP2036C	300	150	200	>2,000	N	100
GP2037C	300	150	150	>2,000	N	100
GP2038C	2,000	100	300	>2,000	N	N
GP2039C	1,000	50	200	2,000	N	70
GP2040C	300	70	200	>2,000	N	70
GP2041C	200	50	300	>2,000	N	100

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Latitude	Longitude	Mg-pct. s	Ca-pct. s	Fe-pct. s	Ti-pct. s	Mn-ppm s	Cr-ppm s	Ni-ppm s	Co-ppm s	Cu-ppm s	Mo-ppm s
GP2042C	48 5 59	121 2 29	.50	7.0	2.0	>2.000	300	200	70	10	150	N
GP2043C	48 6 48	121 2 43	.50	7.0	1.0	>2.000	500	150	N	N	15	N
GP2044C	48 9 50	121 3 0	.70	5.0	5.0	>2.000	500	200	30	30	200	N
GP2045C	48 9 48	121 2 40	.50	10.0	7.0	>2.000	500	100	20	50	200	20
GP2046C	48 9 56	121 23 12	1.00	2.0	20.0	2.000	700	150	300	100	500	N
GP2047C	48 9 58	121 23 12	.50	10.0	2.0	2.000	500	50	100	150	150	N
GP2048C	48 8 24	121 20 50	.50	7.0	1.0	>2.000	500	150	30	N	15	N
GP2049C	48 8 21	121 20 47	.20	20.0	.5	2.000	500	50	N	N	10	N
GP2050C	48 7 35	121 20 40	.50	10.0	5.0	>2.000	500	50	20	30	100	N
GP2051C	48 7 55	121 16 35	.50	30.0	.5	>2.000	500	500	20	N	10	N
GP2052C	48 11 51	121 17 17	.70	7.0	1.0	>2.000	200	500	N	10	15	N
GP2053C	48 11 50	121 17 20	2.00	20.0	2.0	>2.000	500	100	N	N	10	N
GP2054C	48 11 43	121 13 59	.30	2.0	.5	>2.000	100	500	N	N	15	N
GP2055C	48 11 42	121 13 51	.30	3.0	1.0	>2.000	150	700	N	15	10	N
GP2056C	48 8 9	121 15 12	.50	10.0	.7	>2.000	200	500	N	10	10	N
GP2057C	48 8 10	121 15 17	.20	7.0	.7	>2.000	200	700	N	15	10	N
GP2058C	48 11 10	121 13 40	.30	3.0	1.0	>2.000	150	500	N	N	10	N
GP2059C	48 11 17	121 13 25	.20	3.0	1.0	>2.000	200	700	N	20	50	N
GP2060C	48 10 8	121 4 28	1.50	5.0	3.0	1.000	500	300	70	10	20	N
GP2061C	48 10 8	121 4 9	.20	5.0	2.0	>2.000	200	50	N	N	20	N
GP2062C	48 12 9	121 19 30	.70	7.0	1.0	>2.000	300	500	N	N	10	N
GP2063C	48 20 5	121 9 41	1.50	10.0	5.0	>2.000	700	500	100	20	200	50
GP2064C	48 20 7	121 9 36	.20	15.0	1.0	>2.000	700	30	N	10	15	N
GP2065C	48 19 47	121 9 25	.70	10.0	1.5	>2.000	500	300	70	15	200	N
GP2066C	48 19 43	121 9 15	2.00	10.0	1.5	>2.000	500	500	200	15	30	N
GP2067C	48 19 11	121 9 41	2.00	10.0	2.0	>2.000	700	300	150	15	100	50
GP2068C	48 18 43	121 10 24	1.00	10.0	1.0	>2.000	500	200	30	10	150	20
GP2069C	48 18 19	121 11 12	1.50	10.0	1.0	>2.000	500	200	70	10	30	N
GP2070C	48 17 32	121 12 0	1.00	10.0	1.0	>2.000	500	200	70	10	15	100
GP2071C	48 9 5	121 4 33	.20	.7	15.0	>2.000	200	100	100	50	100	N
GP2072C	48 9 25	121 5 10	1.00	2.0	10.0	.700	500	200	70	30	50	N
GP2073C	48 2 27	121 3 2	.50	10.0	.7	>2.000	300	200	N	N	10	N
GP2074C	48 1 36	121 1 33	.20	5.0	.7	>2.000	150	700	N	30	10	N
GP2075C	48 6 38	121 2 0	.50	10.0	.7	>2.000	300	300	N	10	10	N
GP2076C	48 7 32	121 2 22	.20	5.0	1.0	.300	300	N	N	N	15	N
GP2077C	48 12 11	121 4 31	.70	5.0	10.0	>2.000	300	150	100	70	100	70
GP2078C	48 12 32	121 7 44	.20	10.0	1.5	>2.000	500	200	N	30	10	10
GP2079C	48 18 13	121 5 11	7.00	5.0	2.0	>2.000	500	1,000	500	30	20	N
GP2080C	48 15 12	121 5 33	.20	10.0	1.0	>2.000	500	150	N	10	<10	10
GP2081C	48 16 38	121 4 24	.20	15.0	1.0	>2.000	500	150	N	N	<10	N
GP2082C	48 16 56	121 6 9	1.00	10.0	1.5	>2.000	500	300	50	10	10	N
GP2083C	48 16 45	121 6 1	.10	10.0	.7	>2.000	500	200	N	20	<10	15
GP2084C	48 15 52	121 1 32	.20	10.0	.7	>2.000	500	200	N	10	15	10
GP2085C	48 16 29	121 2 5	.30	15.0	1.0	>2.000	700	100	20	N	100	N
GP2086C	48 14 35	120 44 56	3.00	20.0	2.0	2.000	700	200	20	20	20	N

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	W-ppm s	Sn-ppm s	Bi-ppm s	Pb-ppm s	Ag-ppm s	Zn-ppm aa	Cd-ppm s	As-ppm s	Sb-ppm s	Hg-ppm inst	B-ppm s	Be-ppm s	Sr-ppm s
GP2042C	N	100	N	150	N	--	N	N	N	.04	50	N	700
GP2043C	N	20	N	<20	N	--	N	N	N	<.02	20	2	1,000
GP2044C	N	30	N	50	N	--	N	N	N	N	30	N	300
GP2045C	N	50	N	200	20.0	--	N	3,000	N	.65	20	N	300
GP2046C	N	N	N	200	2.0	--	N	5,000	N	.14	1,000	2	300
GP2047C	N	N	N	20	N	--	N	15,000	N	<.02	500	N	200
GP2048C	N	N	N	20	N	--	N	N	N	.04	200	2	300
GP2049C	N	50	N	20	N	--	N	N	N	<.02	70	N	500
GP2050C	N	N	N	500	5.0	--	N	N	N	N	500	N	200
GP2051C	N	N	N	30	N	--	N	N	N	.04	30	N	500
GP2052C	N	30	N	20	N	--	N	N	N	<.02	100	N	1,000
GP2053C	N	N	N	20	N	--	N	N	N	N	20	N	3,000
GP2054C	N	N	N	<20	N	--	N	N	N	N	300	N	N
GP2055C	N	50	N	20	N	--	N	N	N	N	500	N	200
GP2056C	N	20	N	20	N	--	N	N	N	<.02	50	N	300
GP2057C	N	<20	N	20	N	--	N	N	N	<.02	20	N	300
GP2058C	N	N	N	<20	N	--	N	N	N	N	300	N	N
GP2059C	N	70	N	30	N	--	N	N	N	N	300	N	200
GP2060C	N	N	N	<20	N	--	N	N	N	.04	20	N	500
GP2061C	N	N	N	20	N	--	N	N	N	.20	20	2	700
GP2062C	N	N	N	20	N	--	N	N	N	<.02	70	N	1,000
GP2063C	500	70	N	100	2.0	--	N	N	N	.02	70	N	200
GP2064C	N	150	N	<20	N	--	N	N	N	.02	<20	N	N
GP2065C	N	100	N	N	N	--	N	N	N	N	70	N	200
GP2066C	N	30	N	<20	N	--	N	N	N	N	30	N	300
GP2067C	N	100	N	<20	N	--	N	N	N	N	70	N	300
GP2068C	N	100	N	N	N	--	N	N	N	N	20	N	200
GP2069C	N	70	N	20	N	--	N	N	N	N	20	N	N
GP2070C	N	70	N	N	N	--	N	N	N	<.02	20	N	200
GP2071C	N	N	N	150	N	--	N	N	N	.35	<20	N	700
GP2072C	N	N	N	70	N	--	N	N	N	N	<20	3	200
GP2073C	N	N	N	<20	N	--	N	N	N	N	<20	N	1,000
GP2074C	N	70	N	N	1.5	--	N	N	N	N	100	N	300
GP2075C	N	N	N	70	N	--	N	N	N	N	20	N	500
GP2076C	N	N	N	N	N	--	N	N	N	N	20	3	300
GP2077C	N	30	20	300	2.0	--	N	700	N	.04	<20	N	N
GP2078C	<100	100	N	200	<1.0	--	N	N	N	N	20	N	N
GP2079C	N	N	N	2,000	1.5	--	N	N	N	N	70	N	N
GP2080C	N	100	N	30	N	--	N	N	N	N	20	N	N
GP2081C	N	150	N	20	N	--	N	N	N	N	30	N	N
GP2082C	N	50	N	20	N	--	N	N	N	N	20	N	200
GP2083C	<100	150	N	<20	N	--	N	N	N	.02	20	N	N
GP2084C	N	70	N	<20	N	--	N	N	N	N	<20	N	N
GP2085C	N	N	70	50	15.0	--	N	<500	N	<.02	20	N	N
GP2086C	N	N	N	<20	N	--	N	N	N	N	150	N	200

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Ba-ppm s	La-ppm s	Y-ppm s	Zr-ppm s	Th-ppm s	Nb-ppm s
GP2042C	500	50	200	>2,000	N	70
GP2043C	200	300	150	>2,000	N	N
GP2044C	200	200	500	>2,000	N	50
GP2045C	200	300	500	>2,000	N	50
GP2046C	>10,000	N	100	2,000	N	<50
GP2047C	500	50	300	>2,000	N	N
GP2048C	300	70	300	>2,000	N	<50
GP2049C	300	200	300	>2,000	N	N
GP2050C	1,500	70	200	>2,000	N	N
GP2051C	300	200	500	>2,000	N	70
GP2052C	300	50	200	2,000	N	150
GP2053C	50	50	150	1,500	N	N
GP2054C	200	N	50	1,000	N	150
GP2055C	200	N	150	2,000	N	300
GP2056C	200	70	300	>2,000	N	150
GP2057C	200	70	200	>2,000	N	200
GP2058C	300	70	70	700	N	200
GP2059C	200	50	150	1,500	N	300
GP2060C	200	N	200	>2,000	N	N
GP2061C	700	N	300	>2,000	N	N
GP2062C	200	100	100	2,000	N	200
GP2063C	200	100	500	2,000	N	150
GP2064C	100	100	500	500	N	200
GP2065C	100	100	500	1,000	N	300
GP2066C	100	200	500	>2,000	<200	70
GP2067C	150	150	500	>2,000	N	200
GP2068C	70	100	500	>2,000	N	100
GP2069C	150	100	500	>2,000	N	100
GP2070C	100	150	500	>2,000	N	150
GP2071C	>10,000	50	500	>2,000	N	N
GP2072C	2,000	50	500	>2,000	N	N
GP2073C	200	N	150	>2,000	N	70
GP2074C	200	N	70	1,000	N	200
GP2075C	150	150	200	>2,000	N	<50
GP2076C	200	100	500	>2,000	N	N
GP2077C	500	50	300	>2,000	N	N
GP2078C	150	300	700	2,000	N	200
GP2079C	50	N	300	>2,000	N	50
GP2080C	100	200	700	1,000	N	200
GP2081C	300	300	700	1,000	N	200
GP2082C	100	70	500	>2,000	N	200
GP2083C	100	200	700	500	N	300
GP2084C	70	300	500	1,500	N	150
GP2085C	300	500	700	>2,000	300	<50
GP2086C	150	50	200	>2,000	N	N

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Latitude	Longitude	Mg-pct. s	Ca-pct. s	Fe-pct. s	Ti-pct. s	Mn-ppm s	Cr-ppm s	Ni-ppm s	Co-ppm s	Cu-ppm s	Mo-ppm s
GP2087C	48 15 0	120 44 48	2.00	15.0	2.0	>2.000	700	200	20	N	20	N
GP2088C	48 15 32	120 44 43	.15	15.0	1.0	>2.000	500	100	N	N	10	N
GP2089C	48 15 55	120 44 27	.15	3.0	7.0	>2.000	300	50	30	50	30	N
GP2090C	48 15 52	120 44 24	1.00	10.0	2.0	>2.000	500	100	20	10	15	N
GP2091C	48 13 13	121 12 11	.10	3.0	.7	>2.000	150	500	N	20	10	N
GP2092C	48 8 4	121 3 7	.10	.7	30.0	1.000	100	20	300	150	100	N
GP2093C	48 10 27	121 2 8	.15	7.0	7.0	>2.000	500	100	30	50	300	N
GP2094C	48 10 54	121 3 8	1.50	5.0	3.0	.500	300	200	50	10	30	N
GP2095C	48 11 57	121 3 59	.50	7.0	1.5	>2.000	300	150	20	N	15	N
GP2096C	48 20 57	121 9 49	.07	10.0	1.0	>2.000	500	N	N	N	<10	10
GP2097C	48 20 55	121 9 55	.15	10.0	1.0	>2.000	500	30	N	N	70	50
GP2098C	48 20 33	121 9 38	.10	10.0	1.0	>2.000	500	100	N	N	15	N
GP2099C	48 20 44	121 5 25	10.00	10.0	2.0	>2.000	500	700	700	30	15	N
GP20C	48 5 0	120 51 58	7.00	10.0	15.0	.700	5,000	500	70	50	100	15
GP2100C	48 20 48	121 6 20	.70	15.0	1.0	>2.000	500	200	N	N	15	N
GP2101C	48 20 48	121 6 26	2.00	10.0	1.5	>2.000	700	200	50	N	30	N
GP2102C	48 20 31	121 6 30	.50	10.0	1.0	>2.000	300	70	20	30	100	N
GP2103C	48 20 30	121 6 46	5.00	10.0	2.0	>2.000	700	500	200	30	20	N
GP2104C	48 22 40	121 11 34	.20	15.0	1.5	>2.000	1,000	20	N	20	50	10
GP2105C	48 22 42	121 11 40	.07	15.0	1.0	>2.000	1,000	N	N	20	15	20
GP2106C	48 23 18	121 11 45	.10	15.0	1.5	>2.000	1,000	N	N	20	30	100
GP2107C	48 23 20	121 11 55	1.00	10.0	5.0	>2.000	1,000	70	20	70	300	150
GP2108C	48 10 47	120 46 51	2.00	30.0	2.0	>2.000	1,000	700	50	15	20	N
GP2109C	48 10 47	120 46 46	2.00	30.0	2.0	2.000	1,000	500	50	15	20	15
GP2111C	48 15 36	120 51 13	.70	5.0	3.0	>2.000	500	150	N	30	20	N
GP2112C	48 15 32	120 51 11	.30	20.0	1.0	>2.000	500	100	N	N	50	10
GP2113C	48 19 2	120 46 56	1.00	15.0	2.0	>2.000	500	200	20	10	15	N
GP2114C	48 19 12	120 46 51	.50	10.0	1.0	>2.000	500	300	20	10	10	N
GP2115C	48 10 30	120 42 32	.70	20.0	1.5	>2.000	700	70	N	N	<10	N
GP2116C	48 11 20	120 49 5	.50	20.0	1.0	>2.000	500	100	N	N	15	N
GP2117C	48 14 3	120 50 5	.30	30.0	1.0	2.000	700	70	N	N	30	10
GP2118C	48 13 4	120 49 3	1.50	5.0	2.0	>2.000	300	150	N	10	30	N
GP2119C	48 13 24	120 49 13	.70	5.0	3.0	>2.000	3,000	100	N	10	100	N
GP2120C	48 13 24	120 49 25	.50	10.0	1.0	>2.000	500	50	N	N	50	N
GP2122C	48 18 33	120 51 54	1.00	10.0	2.0	>2.000	500	200	30	20	30	15
GP2124C	48 18 35	120 52 3	1.00	7.0	3.0	>2.000	500	200	30	20	30	N
GP2125C	48 21 5	120 54 21	.50	15.0	2.0	>2.000	500	200	20	20	70	N
GP2126C	48 21 36	120 53 21	.20	10.0	3.0	>2.000	300	150	N	20	100	N
GP2127C	48 22 17	120 54 40	.20	15.0	1.5	>2.000	300	150	N	10	30	N
GP2128C	48 23 3	121 1 26	.30	7.0	7.0	>2.000	300	200	50	150	70	N
GP2129C	48 23 2	121 1 23	.15	3.0	20.0	>2.000	200	150	200	300	150	N
GP2130C	48 25 2	120 56 40	.30	20.0	.7	>2.000	500	200	N	N	30	N
GP2131C	48 25 28	120 54 40	1.00	20.0	2.0	>2.000	700	200	100	10	20	N
GP2132C	48 25 43	120 54 48	1.00	20.0	2.0	>2.000	700	200	30	15	50	15
GP2135C	48 24 55	120 59 23	.70	20.0	2.0	>2.000	500	200	20	30	100	N

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	W-ppm s	Sn-ppm s	Bi-ppm s	Pb-ppm s	Ag-ppm s	Zn-ppm aa	Cd-ppm s	As-ppm s	Sb-ppm s	Hg-ppm inst	B-ppm s	Be-ppm s	Sr-ppm s
GP2087C	N	N	N	N	N	--	N	N	N	N	50	N	300
GP2088C	100	30	N	20	N	--	N	N	N	<.02	30	N	200
GP2089C	100	20	N	100	N	--	N	3,000	N	.04	20	N	N
GP2090C	<100	20	N	30	N	--	N	N	N	.04	70	N	300
GP2091C	N	70	N	20	1.0	--	N	N	N	N	30	N	N
GP2092C	N	N	N	100	N	--	N	N	N	<.02	N	N	N
GP2093C	N	20	N	100	50.0	--	N	3,000	N	.02	<20	N	N
GP2094C	N	N	N	<20	N	--	N	N	N	N	20	2	500
GP2095C	N	50	N	<20	N	--	N	N	N	.04	20	N	500
GP2096C	N	100	N	N	N	--	N	N	N	N	20	N	N
GP2097C	500	150	20	200	N	--	N	N	N	<.02	20	N	N
GP2098C	N	100	N	<20	N	--	N	N	N	<.02	20	N	N
GP2099C	N	N	N	N	N	--	N	N	N	<.02	<20	N	200
GP20C	N	N	N	N	N	--	N	N	N	--	20	N	300
GP2100C	N	100	N	<20	N	--	N	N	N	<.02	<20	N	N
GP2101C	N	50	N	<20	N	--	N	N	N	<.02	30	N	N
GP2102C	N	N	N	50	N	--	N	N	N	N	20	N	N
GP2103C	N	30	N	<20	N	--	N	N	N	N	20	N	200
GP2104C	N	100	N	20	N	--	N	N	N	N	20	N	N
GP2105C	<100	100	N	20	N	--	N	N	N	N	20	N	N
GP2106C	100	100	N	500	N	--	N	N	N	N	20	N	N
GP2107C	300	150	30	1,000	5.0	--	N	N	N	N	20	N	N
GP2108C	N	N	N	<20	N	--	N	N	N	N	20	N	1,500
GP2109C	N	N	N	N	N	--	N	N	N	N	20	N	300
GP2111C	N	50	N	20	N	--	N	N	N	N	70	N	300
GP2112C	N	N	N	200	N	--	N	N	N	N	500	N	500
GP2113C	N	50	N	<20	N	--	N	N	N	N	70	N	300
GP2114C	N	70	N	<20	N	--	N	N	N	N	<20	N	300
GP2115C	100	20	N	<20	N	--	N	N	N	N	20	N	300
GP2116C	N	N	N	<20	N	--	N	N	N	N	30	N	500
GP2117C	N	N	20	200	N	--	N	N	N	N	700	N	500
GP2118C	N	50	N	30	1.5	--	50	N	N	.24	100	N	200
GP2119C	N	N	N	200	N	--	N	N	N	<.02	200	N	N
GP2120C	N	N	N	20	N	--	N	N	N	N	70	N	N
GP2122C	200	30	N	30	N	--	N	N	N	.02	50	5	300
GP2124C	N	50	N	30	N	--	N	N	N	.02	70	2	1,000
GP2125C	1,500	100	N	30	N	--	N	N	N	N	200	N	500
GP2126C	<100	200	N	50	N	--	N	N	N	N	70	N	300
GP2127C	200	70	N	50	N	--	N	N	N	.10	100	N	300
GP2128C	500	N	N	50	30.0	--	N	5,000	N	N	150	N	1,500
GP2129C	500	N	N	70	2.0	--	N	>20,000	N	N	70	N	1,000
GP2130C	N	20	N	20	N	--	N	N	N	N	100	N	500
GP2131C	<100	50	N	20	N	--	N	N	N	N	50	N	700
GP2132C	N	50	N	20	N	--	N	N	N	N	20	N	300
GP2135C	N	N	N	20	N	--	N	N	N	N	300	N	1,000

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Ba-ppm s	La-ppm s	Y-ppm s	Zr-ppm s	Th-ppm s	Nb-ppm s
GP2087C	150	50	200	>2,000	N	N
GP2088C	150	500	700	>2,000	N	50
GP2089C	1,000	2,000	700	>2,000	<200	50
GP2090C	5,000	>2,000	500	>2,000	200	50
GP2091C	200	50	200	700	N	300
GP2092C	3,000	N	100	>2,000	N	N
GP2093C	500	200	500	>2,000	N	50
GP2094C	300	N	300	>2,000	N	N
GP2095C	200	150	500	>2,000	<200	50
GP2096C	50	70	300	500	N	200
GP2097C	70	100	500	1,500	N	200
GP2098C	50	100	500	1,000	N	200
GP2099C	70	200	500	>2,000	200	N
GP20C	70	N	70	50	N	N
GP2100C	70	150	700	1,000	N	200
GP2101C	70	100	500	700	N	200
GP2102C	70	300	500	>2,000	N	N
GP2103C	70	300	700	>2,000	<200	70
GP2104C	100	200	500	1,000	N	300
GP2105C	70	100	500	1,000	N	500
GP2106C	70	150	500	1,000	N	300
GP2107C	100	1,000	1,000	>2,000	200	70
GP2108C	200	500	500	>2,000	N	N
GP2109C	150	200	500	>2,000	N	N
GP2111C	200	100	200	>2,000	N	50
GP2112C	100	300	300	>2,000	N	N
GP2113C	150	300	500	>2,000	N	150
GP2114C	150	500	500	>2,000	N	300
GP2115C	100	300	500	>2,000	N	50
GP2116C	200	200	500	>2,000	N	50
GP2117C	150	500	500	>2,000	N	N
GP2118C	300	200	200	>2,000	N	70
GP2119C	200	150	200	>2,000	N	N
GP2120C	200	50	150	>2,000	N	N
GP2122C	10,000	700	500	>2,000	N	100
GP2124C	>10,000	150	200	>2,000	N	70
GP2125C	>10,000	150	300	>2,000	N	100
GP2126C	10,000	500	1,000	>2,000	N	100
GP2127C	500	500	500	>2,000	N	150
GP2128C	3,000	70	200	>2,000	N	N
GP2129C	>10,000	N	150	>2,000	N	N
GP2130C	>10,000	500	500	>2,000	700	70
GP2131C	2,000	500	700	>2,000	N	100
GP2132C	200	1,000	700	>2,000	N	150
GP2135C	2,000	100	300	>2,000	N	70

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Latitude	Longitude	Mg-pct.	Ca-pct.	Fe-pct.	Ti-pct.	Mn-ppm	Cr-ppm	Ni-ppm	Co-ppm	Cu-ppm	Mo-ppm
			s	s	s	s	s	s	s	s	s	s
GP2136C	48 24 56	120 59 10	1.00	15.0	3.0	>2.000	700	500	70	50	70	700
GP2137C	48 24 11	120 58 31	1.00	10.0	5.0	>2.000	500	500	100	50	70	N
GP2138C	48 24 0	120 58 58	.20	10.0	2.0	>2.000	300	150	150	30	70	N
GP2139C	48 13 14	120 37 15	.20	20.0	.7	>2.000	500	70	20	N	<10	N
GP2140C	48 14 0	120 37 40	.50	20.0	1.0	>2.000	500	200	20	N	10	N
GP2141C	48 15 38	120 37 57	.15	20.0	1.0	>2.000	500	150	N	N	10	N
GP2142C	48 16 15	120 38 32	.50	30.0	1.0	>2.000	700	150	N	N	15	N
GP2143C	48 16 26	120 38 41	.20	30.0	1.0	>2.000	500	150	N	N	15	N
GP2144C	48 17 16	120 39 21	.30	20.0	1.0	>2.000	500	200	20	N	15	N
GP2145C	48 19 19	121 15 18	.20	10.0	2.0	>2.000	500	200	20	N	20	N
GP2149C	48 21 56	121 19 14	.50	20.0	1.0	>2.000	500	150	N	N	15	N
GP2150C	48 21 10	121 20 8	.70	20.0	1.5	>2.000	500	150	N	N	20	N
GP2151C	48 19 55	121 16 55	.20	20.0	1.5	>2.000	500	200	N	N	15	N
GP2152C	48 19 7	121 8 22	2.00	10.0	1.0	>2.000	700	500	30	N	10	N
GP2153C	48 20 16	121 7 16	5.00	10.0	2.0	>2.000	700	500	700	30	15	N
GP2154C	48 20 19	121 7 12	3.00	10.0	2.0	>2.000	700	500	200	30	50	50
GP2155C	48 16 52	121 4 35	1.00	15.0	1.0	>2.000	700	100	50	50	200	20
GP2156C	48 16 48	121 4 37	.30	20.0	.7	>2.000	700	150	30	N	10	N
GP2157C	48 26 10	121 3 41	.50	10.0	7.0	>2.000	300	200	50	200	200	N
GP2158C	48 26 13	121 3 40	.70	10.0	5.0	>2.000	500	200	50	70	30	N
GP2160C	48 26 32	121 4 13	.20	10.0	10.0	>2.000	300	200	70	300	100	N
GP2161C	48 26 39	121 4 59	.50	10.0	2.0	>2.000	300	200	N	30	15	N
GP2162C	48 26 33	121 5 14	10.00	10.0	2.0	>2.000	500	700	100	10	20	N
GP2163C	48 26 35	121 5 40	5.00	7.0	1.5	>2.000	500	700	100	N	15	N
GP2164C	48 26 18	121 6 5	.50	7.0	3.0	>2.000	300	200	500	200	70	N
GP2165C	48 2 11	121 5 59	.20	10.0	1.0	>2.000	200	300	10	N	15	N
GP2166C	48 6 15	120 44 12	.70	10.0	7.0	>2.000	500	100	20	100	30	N
GP2167C	48 6 41	120 42 59	.70	7.0	1.0	>2.000	500	70	N	N	<10	N
GP2168C	48 18 27	120 44 12	.50	20.0	1.0	>2.000	700	150	N	N	15	N
GP2169C	48 28 42	121 20 11	.20	10.0	1.5	>2.000	500	150	N	N	10	N
GP2170C	48 28 42	121 20 8	.20	10.0	1.5	>2.000	500	150	N	N	<10	N
GP2171C	48 29 26	121 20 59	.20	10.0	1.5	>2.000	500	150	N	N	10	N
GP2172C	48 29 33	121 21 5	1.00	10.0	3.0	>2.000	500	150	50	N	15	N
GP2173C	48 29 54	121 21 25	.50	10.0	2.0	>2.000	500	150	N	N	20	N
GP2174C	48 25 28	121 15 51	.15	7.0	20.0	>2.000	500	100	150	200	100	N
GP2175C	48 25 21	121 15 44	.50	15.0	2.0	>2.000	700	50	N	N	20	N
GP2176C	48 26 36	121 16 9	.70	10.0	3.0	>2.000	700	70	N	N	15	N
GP2177C	48 25 21	121 22 20	.15	10.0	.7	>2.000	500	150	N	N	<10	N
GP2178C	48 27 32	121 18 30	.30	10.0	1.0	>2.000	500	150	N	N	10	N
GP2179C	48 27 0	121 21 6	.20	10.0	1.5	>2.000	500	100	N	N	10	N
GP2180C	48 29 10	121 16 55	.20	20.0	2.0	>2.000	500	100	N	50	10	20
GP2181C	48 26 31	121 6 16	3.00	7.0	2.0	>2.000	500	700	200	150	50	N
GP2182C	48 26 21	121 6 10	.50	10.0	3.0	>2.000	300	200	30	70	50	N
GP2183C	48 26 25	121 6 11	.30	15.0	2.0	>2.000	500	200	30	50	20	20
GP2184C	48 25 29	121 5 12	.70	10.0	5.0	>2.000	500	300	30	100	50	N

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	W-ppm s	Sn-ppm s	Bi-ppm s	Pb-ppm s	Ag-ppm s	Zn-ppm aa	Cd-ppm s	As-ppm s	Sb-ppm s	Hg-ppm inst	B-ppm s	Be-ppm s	Sr-ppm s
GP2136C	<100	N	N	3,000	N	--	N	N	N	N	1,000	N	700
GP2137C	<100	50	N	100	N	--	N	N	N	N	2,000	N	1,500
GP2138C	300	N	N	20	N	--	N	10,000	N	<.02	100	N	700
GP2139C	N	N	N	N	N	--	N	N	N	.02	<20	N	200
GP2140C	N	50	N	N	N	--	N	N	N	N	<20	N	700
GP2141C	N	30	N	N	N	--	N	N	N	<.02	<20	N	300
GP2142C	100	50	N	<20	N	--	N	N	N	.02	<20	N	700
GP2143C	<100	50	N	N	N	--	N	N	N	.02	<20	N	1,000
GP2144C	N	30	N	<20	N	--	N	N	N	.06	<20	N	1,500
GP2145C	N	30	N	50	N	--	N	N	N	N	30	N	500
GP2149C	N	20	N	150	N	--	N	N	N	N	20	N	500
GP2150C	N	N	N	30	N	--	N	N	N	<.02	30	N	300
GP2151C	N	N	N	50	N	--	N	N	N	<.02	20	N	700
GP2152C	N	50	N	<20	N	--	N	N	N	<.02	20	N	200
GP2153C	N	20	N	20	N	--	N	N	N	<.02	70	N	200
GP2154C	N	20	N	<20	N	--	N	N	N	N	20	N	300
GP2155C	<100	N	N	700	N	--	N	500	N	N	30	N	200
GP2156C	N	70	N	50	N	--	N	N	N	N	20	N	N
GP2157C	N	N	N	N	N	--	N	700	N	.02	30	N	700
GP2158C	500	N	N	N	N	--	N	N	N	N	100	N	500
GP2160C	N	N	N	N	N	--	N	1,500	N	.12	200	N	500
GP2161C	200	N	N	20	N	--	N	<500	N	.06	50	N	500
GP2162C	500	N	N	2,000	1.5	--	N	N	N	N	500	N	200
GP2163C	500	N	N	50	N	--	N	N	N	N	200	N	200
GP2164C	N	N	N	700	200.0	--	N	5,000	N	.04	200	2	500
GP2165C	N	30	N	50	2.0	--	N	N	N	N	20	N	500
GP2166C	N	30	N	N	N	--	N	N	N	3.00	<20	N	1,000
GP2167C	N	50	N	20	N	--	N	N	N	.20	50	N	N
GP2168C	N	50	N	N	N	--	N	N	N	<.02	N	N	500
GP2169C	N	200	N	50	N	--	N	N	N	<.02	20	N	500
GP2170C	N	150	N	30	N	--	N	N	N	N	20	N	500
GP2171C	N	150	N	30	N	--	N	N	N	N	20	N	500
GP2172C	N	100	N	50	N	--	N	N	N	.04	30	N	1,000
GP2173C	1,000	150	N	30	N	--	N	N	N	N	50	2	700
GP2174C	100	200	30	70	N	--	N	N	N	N	<20	N	N
GP2175C	N	100	70	500	3.0	--	N	N	N	N	<20	N	1,000
GP2176C	N	150	N	50	N	--	N	N	N	N	<20	N	1,000
GP2177C	N	200	N	<20	N	--	N	N	N	N	<20	N	200
GP2178C	N	150	N	20	N	--	N	N	N	<.02	<20	2	300
GP2179C	N	200	N	30	N	--	N	N	N	N	20	N	500
GP2180C	N	N	N	300	N	--	N	N	N	N	<20	N	500
GP2181C	100	50	N	200	1.0	--	N	N	N	.04	200	N	500
GP2182C	200	<20	N	300	200.0	--	N	3,000	N	.08	100	N	500
GP2183C	300	N	N	700	50.0	--	N	2,000	N	.06	30	N	700
GP2184C	200	N	N	20	2.0	--	N	2,000	200	N	100	N	300

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Ba-ppm s	La-ppm s	Y-ppm s	Zr-ppm s	Th-ppm s	Nb-ppm s
GP2136C	>10,000	300	200	>2,000	N	70
GP2137C	>10,000	300	300	>2,000	N	100
GP2138C	5,000	N	200	>2,000	N	N
GP2139C	150	200	1,000	>2,000	N	<50
GP2140C	150	700	700	>2,000	N	100
GP2141C	70	700	700	>2,000	N	150
GP2142C	150	700	1,000	>2,000	N	150
GP2143C	500	1,000	700	>2,000	N	100
GP2144C	1,000	500	700	>2,000	N	70
GP2145C	100	N	200	1,500	N	100
GP2149C	70	200	300	>2,000	N	N
GP2150C	100	200	300	>2,000	N	50
GP2151C	100	50	200	>2,000	N	50
GP2152C	150	50	500	1,500	N	300
GP2153C	100	50	200	>2,000	N	150
GP2154C	100	200	700	>2,000	<200	N
GP2155C	200	300	1,000	>2,000	<200	N
GP2156C	70	300	700	>2,000	N	150
GP2157C	150	100	500	>2,000	N	<50
GP2158C	500	N	200	>2,000	N	50
GP2160C	300	100	500	>2,000	N	<50
GP2161C	200	100	500	>2,000	N	<50
GP2162C	150	50	100	500	N	70
GP2163C	200	N	150	>2,000	N	100
GP2164C	500	N	200	>2,000	N	<50
GP2165C	150	N	150	1,000	N	100
GP2166C	200	150	300	>2,000	N	<50
GP2167C	150	200	1,000	>2,000	N	50
GP2168C	150	500	700	>2,000	N	100
GP2169C	300	N	700	>2,000	N	150
GP2170C	200	N	700	>2,000	N	50
GP2171C	200	150	500	>2,000	N	100
GP2172C	500	70	300	>2,000	N	70
GP2173C	500	70	500	>2,000	N	50
GP2174C	150	300	500	>2,000	N	100
GP2175C	300	1,000	500	>2,000	N	100
GP2176C	300	>2,000	1,000	>2,000	300	100
GP2177C	200	100	1,500	>2,000	N	100
GP2178C	200	50	1,000	>2,000	N	70
GP2179C	200	70	1,000	>2,000	N	100
GP2180C	200	N	150	>2,000	N	<50
GP2181C	150	70	200	1,000	N	100
GP2182C	300	N	300	>2,000	N	<50
GP2183C	100	100	700	>2,000	N	N
GP2184C	500	50	500	>2,000	N	N

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Latitude	Longitude	Mg-pct. s	Ca-pct. s	Fe-pct. s	Ti-pct. s	Mn-ppm s	Cr-ppm s	Ni-ppm s	Co-ppm s	Cu-ppm s	Mo-ppm s
GP2185C	48 23 50	121 6 38	.50	15.0	2.0	>2.000	700	150	20	10	30	N
GP2186C	48 23 45	121 6 48	.30	15.0	1.0	>2.000	700	150	N	N	20	N
GP2187C	48 22 55	121 13 6	.20	7.0	5.0	>2.000	500	50	N	70	200	200
GP2188C	48 22 53	121 9 43	.30	15.0	1.0	>2.000	500	200	N	N	20	N
GP2189C	48 23 52	121 11 24	.10	5.0	20.0	>2.000	300	N	70	700	2,000	200
GP2190C	48 25 56	121 12 22	.07	15.0	1.5	>2.000	700	N	N	10	50	10
GP2191C	48 24 22	121 8 35	.20	20.0	1.0	>2.000	1,000	100	N	N	20	N
GP2192C	48 24 15	121 8 48	.20	15.0	1.0	>2.000	500	30	N	N	10	N
GP2193C	48 24 17	121 8 48	.70	7.0	5.0	>2.000	300	200	70	30	70	N
GP2194C	48 27 37	121 10 34	.50	7.0	1.5	>2.000	300	500	50	10	20	N
GP2196C	48 22 17	121 5 5	.50	10.0	1.0	>2.000	500	150	20	N	15	10
GP2197C	48 22 11	121 5 5	.50	15.0	.7	>2.000	500	200	20	N	10	N
GP2198C	48 27 29	121 2 14	.70	10.0	1.0	>2.000	300	300	20	N	30	N
GP2199C	48 27 36	121 2 33	.50	10.0	1.0	>2.000	300	300	20	N	70	N
GP21C	48 11 25	120 57 11	7.00	1.0	50.0	>2.000	7,000	500	100	150	70	N
GP2200C	48 20 21	121 1 30	.50	10.0	1.0	>2.000	500	200	50	15	30	N
GP2201C	48 21 39	121 0 15	.30	7.0	1.5	>2.000	300	200	20	N	30	N
GP2202C	48 25 12	121 0 20	.20	10.0	3.0	>2.000	300	150	30	100	70	N
GP2204C	48 23 19	120 52 36	.20	10.0	1.5	>2.000	500	150	20	N	15	10
GP2205C	48 22 33	121 2 18	.20	10.0	1.0	>2.000	300	20	N	N	10	N
GP2206C	48 23 0	121 0 51	.50	10.0	2.0	>2.000	300	500	50	70	70	N
GP2207C	48 23 19	121 3 9	.30	5.0	2.0	>2.000	300	200	30	15	50	50
GP2208C	48 26 59	120 59 22	.20	10.0	1.0	>2.000	300	150	20	10	50	N
GP2209C	48 24 17	121 12 0	.10	10.0	1.0	>2.000	500	N	N	10	10	N
GP2210C	48 25 50	121 20 27	.20	10.0	2.0	>2.000	500	200	N	10	10	N
GP2211C	48 22 8	121 22 59	1.00	10.0	3.0	>2.000	300	300	100	15	20	N
GP22C	48 4 34	120 51 25	10.00	5.0	30.0	1.000	7,000	70	150	100	1,000	N
GP23C	48 4 34	120 51 29	7.00	2.0	30.0	>2.000	7,000	700	150	100	30	N
GP24C	48 4 1	120 50 56	7.00	2.0	30.0	>2.000	10,000	1,500	150	100	50	N
GP2501C	48 15 49	120 47 27	1.00	20.0	2.0	>2.000	500	100	N	20	50	N
GP2503C	48 16 9	120 47 22	.70	7.0	2.0	>2.000	700	100	N	N	20	N
GP2504C	48 16 11	120 47 25	1.00	20.0	3.0	>2.000	700	100	N	20	70	N
GP2506C	48 17 11	120 47 34	.70	10.0	3.0	>2.000	700	100	N	50	150	N
GP2507C	48 17 34	120 47 51	1.00	15.0	3.0	>2.000	700	50	N	15	50	N
GP2508C	48 18 32	120 47 18	1.50	20.0	1.5	>2.000	500	200	70	N	15	N
GP2509C	48 13 18	120 56 3	1.00	20.0	2.0	>2.000	1,000	200	N	N	100	N
GP2510C	48 13 18	120 56 0	1.00	5.0	15.0	>2.000	500	50	30	100	5,000	5,000
GP2511C	48 13 28	120 55 33	.50	10.0	1.5	>2.000	500	50	N	N	200	30
GP2512C	48 23 27	121 19 31	.50	15.0	5.0	>2.000	700	50	N	100	500	N
GP2513C	48 23 48	121 20 5	1.00	15.0	5.0	>2.000	700	100	20	30	15	15
GP2514C	48 23 59	121 20 12	.15	10.0	7.0	>2.000	700	70	50	70	200	30
GP2516C	48 24 0	121 20 30	1.00	15.0	2.0	>2.000	700	150	N	N	20	N
GP2517C	48 24 15	121 20 58	.50	7.0	5.0	>2.000	500	100	50	50	300	20
GP2518C	48 24 42	121 21 43	.50	10.0	5.0	>2.000	500	150	30	50	70	N
GP2519C	48 15 19	120 49 49	3.00	15.0	5.0	>2.000	1,000	200	50	30	30	N

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	W-ppm s	Sn-ppm s	Bi-ppm s	Pb-ppm s	Ag-ppm s	Zn-ppm aa	Cd-ppm s	As-ppm s	Sb-ppm s	Hg-ppm inst	B-ppm s	Be-ppm s	Sr-ppm s
GP2185C	N	N	N	<20	N	--	N	<500	N	.16	70	N	700
GP2186C	N	70	N	<20	N	--	N	<500	N	N	20	N	200
GP2187C	300	100	N	70	N	--	N	N	N	N	N	N	N
GP2188C	<100	150	N	150	N	--	N	N	N	N	N	N	200
GP2189C	700	100	20	100	N	--	N	N	N	N	N	N	N
GP2190C	300	150	N	N	N	--	N	N	N	N	<20	N	N
GP2191C	N	100	N	20	N	--	N	N	N	N	20	N	200
GP2192C	N	150	N	20	1.0	--	N	N	N	N	<20	N	200
GP2193C	500	100	100	30	N	--	N	N	N	<.02	<20	3	300
GP2194C	N	20	N	20	N	--	N	N	N	<.02	150	N	1,000
GP2196C	<100	30	N	20	N	--	N	N	N	N	20	N	300
GP2197C	N	70	N	<20	N	--	N	N	N	N	<20	N	200
GP2198C	150	N	N	30	N	--	N	500	N	N	500	N	700
GP2199C	N	N	N	100	N	--	N	N	N	<.02	100	N	500
GP21C	200	N	20	20	N	35	N	N	N	--	<20	N	N
GP2200C	N	50	N	20	N	--	N	N	N	<.02	30	N	200
GP2201C	200	N	N	20	N	--	N	N	N	.02	200	N	500
GP2202C	N	N	N	20	5.0	--	N	700	N	.04	70	N	1,500
GP2204C	N	150	N	30	N	--	N	N	N	<.02	N	N	300
GP2205C	N	N	N	20	N	--	N	<500	N	N	50	N	500
GP2206C	300	N	N	20	N	--	N	1,500	N	N	500	N	1,000
GP2207C	700	N	N	30	N	--	N	N	N	N	100	N	500
GP2208C	<100	N	N	20	N	--	N	N	N	2.50	50	N	1,500
GP2209C	N	150	N	N	N	--	N	N	N	.02	20	N	N
GP2210C	N	200	N	50	N	--	N	N	N	N	30	N	700
GP2211C	N	20	N	20	N	--	N	N	N	N	100	N	700
GP22C	3,000	N	500	100	2.0	--	N	N	N	.08	500	N	N
GP23C	N	N	N	N	N	30	N	N	N	--	<20	N	N
GP24C	N	N	N	N	N	35	N	N	N	--	<20	N	N
GP2501C	N	N	N	30	N	--	N	N	N	<.02	50	N	700
GP2503C	N	70	N	50	N	--	N	N	N	.04	30	N	300
GP2504C	N	N	N	50	10.0	--	N	N	N	N	30	N	300
GP2506C	N	70	N	30	N	--	N	N	N	N	30	N	300
GP2507C	N	N	N	20	N	--	N	N	N	<.02	70	N	300
GP2508C	N	70	N	<20	N	--	N	N	N	N	20	N	200
GP2509C	N	30	N	500	N	--	N	500	N	N	2,000	N	200
GP2510C	N	150	50	150	5.0	--	N	7,000	N	N	1,000	N	200
GP2511C	500	100	150	200	N	--	N	N	N	N	70	N	200
GP2512C	<100	50	N	20	N	--	N	N	N	<.02	70	N	500
GP2513C	N	50	N	50	N	--	N	N	N	N	100	N	1,000
GP2514C	<100	50	N	<20	N	--	N	N	N	N	20	N	300
GP2516C	N	20	N	30	N	--	N	N	N	N	100	N	1,000
GP2517C	<100	50	N	30	N	--	300	N	N	N	50	N	500
GP2518C	100	70	N	20	N	--	N	N	N	N	50	N	500
GP2519C	N	N	N	20	N	--	N	N	N	N	700	N	500

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Ba-ppm s	La-ppm s	Y-ppm s	Zr-ppm s	Th-ppm s	Nb-ppm s
GP2185C	300	150	500	>2,000	N	50
GP2186C	150	100	700	500	N	200
GP2187C	100	150	1,000	>2,000	N	N
GP2188C	150	200	700	>2,000	N	70
GP2189C	50	200	700	>2,000	200	N
GP2190C	50	70	700	>2,000	N	150
GP2191C	200	150	1,000	1,000	N	200
GP2192C	100	200	500	700	N	150
GP2193C	200	200	1,000	>2,000	N	150
GP2194C	300	100	200	>2,000	N	100
GP2196C	100	150	700	>2,000	N	70
GP2197C	100	150	500	>2,000	N	100
GP2198C	300	50	300	>2,000	N	50
GP2199C	200	50	300	>2,000	N	50
GP21C	100	N	70	700	N	N
GP2200C	200	200	500	1,000	N	150
GP2201C	300	N	200	>2,000	N	50
GP2202C	10,000	50	300	>2,000	N	50
GP2204C	500	1,000	1,000	>2,000	N	100
GP2205C	300	N	500	>2,000	300	N
GP2206C	3,000	100	300	>2,000	N	70
GP2207C	300	50	200	>2,000	N	50
GP2208C	>10,000	300	300	>2,000	500	100
GP2209C	300	150	500	500	N	200
GP2210C	300	1,000	1,000	>2,000	N	100
GP2211C	300	200	200	>2,000	N	50
GP22C	200	500	300	>2,000	N	N
GP23C	50	N	100	300	N	N
GP24C	50	150	150	300	N	N
GP2501C	700	50	150	1,000	N	N
GP2503C	2,000	>2,000	1,000	>2,000	<200	N
GP2504C	1,500	100	200	>2,000	N	N
GP2506C	500	1,500	1,000	>2,000	N	70
GP2507C	300	1,000	300	>2,000	N	N
GP2508C	200	1,000	500	>2,000	N	150
GP2509C	500	300	700	>2,000	N	<50
GP2510C	500	500	700	>2,000	300	N
GP2511C	200	700	700	>2,000	500	N
GP2512C	2,000	1,500	700	>2,000	200	N
GP2513C	200	50	150	>2,000	N	N
GP2514C	300	2,000	700	>2,000	200	N
GP2516C	200	100	100	>2,000	N	N
GP2517C	100	700	500	>2,000	N	N
GP2518C	200	2,000	700	>2,000	200	N
GP2519C	200	N	150	>2,000	N	N

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Latitude	Longitude	Mg-pct. s	Ca-pct. s	Fe-pct. s	Ti-pct. s	Mn-ppm s	Cr-ppm s	Ni-ppm s	Co-ppm s	Cu-ppm s	Mo-ppm s
GP2520C	48 15 19	120 49 53	3.00	20.0	5.0	>2.000	1,500	500	70	30	30	20
GP2521C	48 15 40	120 49 55	1.50	20.0	2.0	1.000	1,500	100	20	10	20	N
GP2522C	48 16 15	120 50 10	2.00	10.0	5.0	>2.000	1,000	300	70	20	100	N
GP2523C	48 16 19	120 50 15	1.50	10.0	5.0	>2.000	2,000	100	30	30	70	N
GP2525C	48 16 49	120 50 0	5.00	10.0	5.0	>2.000	1,500	700	150	20	50	N
GP2526C	48 13 46	121 17 42	.50	5.0	1.0	>2.000	200	300	N	N	15	N
GP2527C	48 13 8	121 16 59	1.00	7.0	1.5	>2.000	300	200	N	N	20	N
GP2528C	48 12 48	121 16 49	1.50	7.0	2.0	>2.000	200	300	20	N	10	15
GP2529C	48 12 52	121 16 14	.15	3.0	.7	>2.000	150	500	N	15	10	N
GP2531C	48 14 56	121 15 4	.10	5.0	.7	>2.000	150	500	N	15	10	10
GP2532C	48 14 59	121 17 31	.30	5.0	1.5	>2.000	200	500	N	N	15	N
GP2536C	48 15 35	121 13 23	1.50	10.0	1.5	>2.000	500	300	100	N	30	N
GP2537C	48 15 41	121 16 27	.50	5.0	1.0	>2.000	200	500	20	20	10	N
GP2538C	48 15 35	121 16 18	.20	2.0	1.0	>2.000	100	500	N	20	10	N
GP2539C	48 16 1	121 19 58	.50	5.0	2.0	>2.000	200	500	N	10	15	N
GP2540C	48 10 12	120 50 13	1.00	20.0	2.0	>2.000	500	150	N	N	30	N
GP2542C	48 7 45	120 38 0	.30	5.0	10.0	>2.000	1,000	30	N	50	150	N
GP2546C	48 10 27	120 45 10	2.00	15.0	2.0	>2.000	500	300	50	10	50	N
GP2547C	48 14 11	120 47 23	2.00	10.0	2.0	>2.000	500	500	50	N	20	N
GP2548C	48 13 28	120 46 40	3.00	20.0	3.0	>2.000	1,000	500	50	N	20	N
GP2549C	48 7 12	120 46 53	1.00	20.0	2.0	>2.000	700	150	20	N	30	N
GP2550C	48 16 51	120 53 6	.70	10.0	3.0	>2.000	700	100	N	20	30	30
GP2551C	48 19 25	120 52 52	.70	20.0	2.0	>2.000	700	100	30	N	30	20
GP2552C	48 19 16	120 50 0	.20	20.0	10.0	>2.000	500	70	70	100	100	20
GP2553C	48 19 14	120 49 58	.10	10.0	10.0	>2.000	300	70	70	70	70	N
GP2554C	48 22 1	120 52 7	.50	10.0	2.0	>2.000	500	150	30	N	20	N
GP2556C	48 20 47	120 47 17	.50	10.0	1.5	>2.000	500	150	30	N	10	N
GP2557C	48 22 32	120 49 15	1.00	20.0	1.0	>2.000	500	200	70	N	10	N
GP2558C	48 22 25	120 47 21	.20	15.0	1.0	>2.000	500	200	N	10	10	<10
GP2560C	48 12 8	120 48 12	.20	20.0	1.0	>2.000	500	70	N	N	10	N
GP2564C	48 28 43	121 4 37	.20	15.0	20.0	>2.000	500	100	150	1,000	300	70
GP2565C	48 28 42	121 4 54	.70	10.0	3.0	>2.000	500	300	50	100	150	N
GP2567C	48 12 12	120 48 8	.50	7.0	1.5	>2.000	500	150	N	10	30	<10
GP2568C	48 18 13	121 16 7	.15	15.0	1.0	>2.000	300	200	N	N	20	N
GP2569C	48 21 12	121 14 37	.15	10.0	3.0	>2.000	500	N	N	50	100	300
GP2570C	48 22 23	121 9 44	.20	15.0	2.0	>2.000	500	N	N	20	10	15
GP2571C	48 21 57	121 19 15	.20	20.0	.5	>2.000	700	70	N	N	10	N
GP2572C	48 21 5	121 20 5	.20	7.0	1.0	>2.000	300	200	N	N	<10	N
GP2573C	48 21 6	121 20 39	1.00	3.0	3.0	>2.000	500	1,500	50	30	30	N
GP2574C	48 18 14	121 6 58	1.50	10.0	1.5	>2.000	500	300	70	N	15	N
GP2576C	48 17 29	121 4 10	1.00	10.0	2.0	>2.000	1,000	200	50	20	150	100
GP2580C	48 19 50	121 2 15	1.00	15.0	1.0	>2.000	500	200	50	N	10	N
GP2581C	48 19 48	121 2 15	1.50	15.0	1.0	2.000	500	200	150	100	70	N
GP2582C	48 20 0	121 1 40	.10	10.0	.7	1.000	300	N	N	50	200	N
GP2583C	48 2 11	121 6 5	.15	7.0	1.0	>2.000	200	500	N	20	15	N

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	W-ppm s	Sn-ppm s	Bi-ppm s	Pb-ppm s	Ag-ppm s	Zn-ppm aa	Cd-ppm s	As-ppm s	Sb-ppm s	Hg-ppm inst	B-ppm s	Be-ppm s	Sr-ppm s
GP2520C	N	N	N	20	N	--	N	N	N	N	500	N	500
GP2521C	N	N	N	20	N	--	N	N	N	N	50	N	700
GP2522C	N	N	N	20	N	--	N	N	N	N	700	N	500
GP2523C	N	N	N	50	N	--	N	N	N	N	200	N	700
GP2525C	N	N	N	100	N	--	N	N	N	N	700	N	500
GP2526C	N	N	N	20	N	--	N	N	N	N	700	N	200
GP2527C	N	<20	N	20	N	--	N	N	N	N	300	N	1,000
GP2528C	100	N	N	20	N	--	N	N	N	N	200	N	1,000
GP2529C	<100	50	N	20	1.0	--	N	N	N	N	70	N	200
GP2531C	<100	70	N	20	1.0	--	N	N	N	N	100	N	300
GP2532C	N	30	N	20	N	--	N	N	N	N	200	N	300
GP2536C	100	50	N	20	N	--	N	N	N	N	30	N	200
GP2537C	N	50	N	<20	1.0	--	N	N	N	N	150	N	200
GP2538C	N	70	N	20	1.0	--	N	N	N	N	50	N	200
GP2539C	N	50	N	30	N	--	N	N	N	N	70	N	300
GP2540C	200	N	300	30	N	--	N	N	N	N	50	N	500
GP2542C	N	20	150	200	3.0	--	N	N	N	.02	30	N	N
GP2546C	N	N	N	<20	N	--	N	N	N	N	100	3	200
GP2547C	N	N	N	20	N	--	N	N	N	N	700	2	300
GP2548C	150	N	N	20	N	--	N	N	N	N	700	2	700
GP2549C	N	N	50	<20	N	--	N	N	N	N	30	N	500
GP2550C	N	N	N	200	N	--	N	N	N	N	100	N	700
GP2551C	>20,000	30	300	300	300.0	--	N	N	N	N	500	N	700
GP2552C	150	20	N	100	7.0	--	N	N	N	N	20	N	500
GP2553C	200	20	N	100	1.5	--	N	N	N	<.02	30	N	1,000
GP2554C	N	100	N	50	N	--	N	N	N	N	20	N	N
GP2556C	N	70	N	20	N	--	N	N	N	N	20	N	300
GP2557C	N	50	N	<20	N	--	N	N	N	N	20	N	500
GP2558C	N	70	N	N	N	--	N	N	N	<.02	<20	N	300
GP2560C	200	20	N	N	N	--	N	N	N	N	<20	N	300
GP2564C	N	N	20	500	2.0	--	N	N	N	N	20	N	500
GP2565C	N	N	N	500	1.0	--	N	3,000	N	N	100	N	700
GP2567C	500	N	N	100	N	--	N	N	N	.04	100	N	N
GP2568C	N	20	N	30	N	--	N	N	N	N	20	N	700
GP2569C	200	150	300	700	N	--	N	N	N	<.02	<20	N	N
GP2570C	N	100	N	30	N	--	N	N	N	N	<20	N	200
GP2571C	N	N	N	20	N	--	N	N	N	N	30	N	700
GP2572C	150	N	30	700	N	--	N	N	N	<.02	20	N	300
GP2573C	<100	100	N	50	1.0	--	50	N	N	N	20	N	500
GP2574C	N	70	N	20	N	--	N	N	N	N	20	N	500
GP2576C	N	20	N	500	50.0	--	N	N	N	N	20	N	N
GP2580C	<100	50	N	50	N	--	N	N	N	N	20	N	200
GP2581C	N	<20	N	200	N	--	N	N	N	N	20	N	200
GP2582C	200	N	N	50	N	--	N	N	N	.04	30	N	200
GP2583C	N	100	N	30	N	--	N	N	N	N	50	N	500

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Ba-ppm s	La-ppm s	Y-ppm s	Zr-ppm s	Th-ppm s	Nb-ppm s
GP2520C	200	150	300	>2,000	N	N
GP2521C	200	N	100	>2,000	N	N
GP2522C	200	50	200	>2,000	N	N
GP2523C	300	N	70	1,500	N	N
GP2525C	300	100	100	2,000	200	50
GP2526C	200	N	200	1,500	N	200
GP2527C	150	N	150	1,500	N	200
GP2528C	200	150	100	1,000	N	100
GP2529C	300	N	150	2,000	N	200
GP2531C	100	N	200	1,500	N	300
GP2532C	150	150	200	>2,000	N	200
GP2536C	100	150	500	>2,000	N	100
GP2537C	100	N	200	2,000	N	200
GP2538C	100	N	100	2,000	N	150
GP2539C	200	N	200	>2,000	N	150
GP2540C	300	70	200	>2,000	N	N
GP2542C	300	50	200	>2,000	N	70
GP2546C	150	200	500	>2,000	N	50
GP2547C	200	N	200	>2,000	N	50
GP2548C	200	70	150	>2,000	N	N
GP2549C	200	100	300	>2,000	N	N
GP2550C	200	N	200	>2,000	200	N
GP2551C	>10,000	150	500	>2,000	N	50
GP2552C	>10,000	200	700	>2,000	N	50
GP2553C	>10,000	300	500	>2,000	N	70
GP2554C	1,000	500	1,000	>2,000	N	100
GP2556C	500	500	700	>2,000	N	100
GP2557C	200	500	700	>2,000	N	100
GP2558C	100	1,000	700	>2,000	N	100
GP2560C	100	200	700	>2,000	N	50
GP2564C	2,000	700	300	>2,000	200	N
GP2565C	300	70	150	>2,000	N	50
GP2567C	150	N	200	>2,000	N	N
GP2568C	100	50	300	1,000	N	100
GP2569C	150	100	700	>2,000	N	200
GP2570C	100	200	500	700	N	200
GP2571C	70	500	300	>2,000	N	N
GP2572C	70	70	200	>2,000	N	50
GP2573C	200	100	150	>2,000	N	50
GP2574C	100	150	300	>2,000	N	100
GP2576C	100	500	700	>2,000	N	<50
GP2580C	50	300	700	>2,000	N	100
GP2581C	70	500	1,000	>2,000	200	N
GP2582C	300	300	1,000	>2,000	500	N
GP2583C	100	N	200	2,000	N	200

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Latitude	Longitude	Mg-pct. s	Ca-pct. s	Fe-pct. s	Ti-pct. s	Mn-ppm s	Cr-ppm s	Ni-ppm s	Co-ppm s	Cu-ppm s	Mo-ppm s
GP2584C	48 6 22	120 44 13	.20	20.0	1.0	>2.000	500	100	N	10	20	15
GP2585C	48 15 16	120 42 26	1.00	10.0	2.0	>2.000	700	300	70	10	20	N
GP2586C	48 15 17	120 42 22	.50	15.0	.7	>2.000	500	200	20	N	10	N
GP2587C	48 22 20	121 22 7	.70	10.0	1.0	2.000	300	100	N	N	10	N
GP2588C	48 16 13	120 42 11	.20	20.0	.5	>2.000	500	300	N	N	10	N
GP2589C	48 23 15	121 22 4	.50	20.0	1.0	1.000	500	70	N	N	10	N
GP2590C	48 25 35	121 18 48	.30	15.0	1.5	>2.000	500	150	N	N	10	N
GP2592C	48 25 29	121 18 45	.20	15.0	1.0	>2.000	500	500	N	N	10	N
GP2594C	48 27 48	121 15 23	.50	10.0	1.0	>2.000	700	150	N	N	<10	N
GP2595C	48 27 58	121 18 25	2.00	10.0	1.5	>2.000	1,000	300	100	20	20	N
GP2596C	48 27 8	121 19 44	.50	15.0	1.0	>2.000	700	100	N	N	<10	N
GP2597C	48 29 13	121 17 55	.30	20.0	.7	>2.000	500	200	N	N	10	N
GP2598C	48 28 55	121 14 22	.50	20.0	.7	>2.000	500	150	N	N	15	N
GP2599C	48 23 3	121 6 20	1.00	15.0	1.0	>2.000	700	300	N	N	15	N
GP25C	48 4 16	120 51 10	5.00	10.0	10.0	1.500	3,000	300	100	50	150	N
GP2600C	48 23 2	121 6 22	.50	20.0	.7	>2.000	700	200	N	10	20	30
GP2601C	48 23 3	121 6 25	.15	20.0	1.0	>2.000	700	70	N	10	20	N
GP2602C	48 23 56	121 4 36	.50	20.0	1.5	>2.000	500	200	N	N	20	N
GP2605C	48 24 55	121 14 6	.20	20.0	1.5	>2.000	1,000	70	N	N	10	20
GP2606C	48 26 27	121 12 25	.70	15.0	1.0	>2.000	500	200	100	N	15	N
GP2607C	48 25 56	121 12 25	.50	20.0	1.0	>2.000	1,000	100	N	N	10	N
GP2608C	48 25 52	121 10 30	.70	10.0	1.0	>2.000	1,000	150	N	N	20	N
GP2609C	48 22 52	121 7 48	.10	15.0	.7	>2.000	500	30	N	N	10	N
GP2610C	48 25 54	121 8 0	.30	15.0	7.0	>2.000	500	150	50	300	150	50
GP2612C	48 27 35	121 8 33	.10	7.0	1.5	>2.000	300	700	1,000	100	20	50
GP2613C	48 28 2	121 7 39	.70	10.0	1.0	>2.000	500	500	70	N	20	N
GP2614C	48 25 12	121 7 25	1.50	10.0	3.0	>2.000	500	150	30	70	150	200
GP2615C	48 22 28	121 7 20	.10	15.0	1.0	>2.000	500	70	N	10	20	10
GP2616C	48 29 15	121 5 46	.30	15.0	1.0	>2.000	500	300	N	10	50	30
GP2617C	48 26 33	121 0 58	.30	15.0	1.0	>2.000	300	200	N	10	50	N
GP2618C	48 26 28	121 0 51	.50	10.0	1.5	>2.000	300	200	N	10	30	N
GP2620C	48 15 43	120 59 2	.20	30.0	1.0	1.500	3,000	100	50	70	20	N
GP2621C	48 20 28	120 58 52	.50	15.0	1.5	>2.000	500	50	20	30	150	N
GP2622C	48 20 45	120 59 11	.70	10.0	5.0	>2.000	500	300	30	50	70	N
GP2623C	48 20 42	120 59 50	.70	10.0	3.0	>2.000	1,000	30	N	20	70	N
GP2624C	48 23 20	120 59 36	.50	20.0	5.0	>2.000	700	200	700	150	70	N
GP2625C	48 23 57	120 59 32	.30	20.0	7.0	>2.000	500	200	50	1,000	70	N
GP2626C	48 22 34	121 1 22	.20	15.0	1.5	>2.000	500	70	N	15	50	N
GP2627C	48 23 47	121 2 58	.30	10.0	2.0	>2.000	500	200	20	50	200	N
GP2628C	48 26 48	120 57 52	.20	10.0	20.0	>2.000	300	70	70	100	100	N
GP2630C	48 19 58	120 56 30	.50	15.0	10.0	>2.000	500	100	50	70	150	200
GP2631C	48 20 29	120 59 59	.20	10.0	1.0	>2.000	500	N	N	70	200	N
GP2632C	48 24 28	121 11 59	.07	15.0	1.0	>2.000	700	N	N	10	20	10
GP26C	48 4 7	120 50 53	5.00	10.0	10.0	2.000	5,000	500	100	50	700	N
GP27C	48 3 4	120 50 0	3.00	1.5	30.0	>2.000	5,000	500	100	100	20	15

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	W-ppm s	Sn-ppm s	Bi-ppm s	Pb-ppm s	Ag-ppm s	Zn-ppm aa	Cd-ppm s	As-ppm s	Sb-ppm s	Hg-ppm inst	B-ppm s	Be-ppm s	Sr-ppm s
GP2584C	N	70	50	70	N	--	N	N	N	.60	20	N	200
GP2585C	N	50	N	20	N	--	N	N	N	N	20	N	200
GP2586C	N	30	N	N	N	--	N	N	N	N	20	N	300
GP2587C	N	N	N	20	N	--	N	N	N	N	50	N	1,000
GP2588C	N	50	N	<20	N	--	N	N	N	N	20	N	1,500
GP2589C	N	N	N	<20	N	--	N	N	N	N	50	N	1,000
GP2590C	N	200	N	50	N	--	N	N	N	N	20	N	500
GP2592C	100	300	150	30	N	--	N	<500	N	N	30	N	200
GP2594C	N	20	N	20	N	--	N	N	N	N	20	N	500
GP2595C	700	70	N	30	N	--	N	N	N	N	20	N	300
GP2596C	N	200	N	30	N	--	N	N	N	N	20	N	300
GP2597C	N	70	N	<20	N	--	N	N	N	.02	20	N	300
GP2598C	<100	50	N	150	N	--	N	N	N	N	20	N	300
GP2599C	100	50	1,000	50	1.5	--	N	N	N	N	20	N	200
GP25C	<100	N	N	N	N	--	N	N	N	--	20	N	500
GP2600C	<100	70	N	<20	N	--	N	N	N	N	20	N	200
GP2601C	N	70	N	<20	N	--	N	N	N	N	20	N	200
GP2602C	150	N	N	20	N	--	N	500	N	.10	200	N	700
GP2605C	150	70	150	150	N	--	N	N	N	.02	30	N	300
GP2606C	N	70	N	30	N	--	N	N	N	N	20	N	200
GP2607C	300	70	300	<20	N	--	N	N	N	N	20	N	200
GP2608C	N	70	N	30	N	--	N	N	N	N	30	N	300
GP2609C	N	100	N	30	N	--	N	N	N	N	20	N	N
GP2610C	500	N	N	150	5.0	--	N	7,000	N	<.02	150	N	500
GP2612C	150	50	300	3,000	50.0	--	N	N	N	N	50	N	300
GP2613C	700	20	N	100	3.0	--	N	N	N	N	50	N	500
GP2614C	700	150	100	70	3.0	--	N	N	N	N	50	N	200
GP2615C	N	100	N	<20	N	--	N	N	N	N	20	N	200
GP2616C	N	N	N	7,000	20.0	--	N	N	N	.20	50	N	1,000
GP2617C	N	N	N	100	N	--	N	N	N	N	50	N	300
GP2618C	N	N	N	70	N	--	N	N	N	N	70	N	500
GP2620C	200	N	200	70	N	--	N	1,000	N	N	70	N	300
GP2621C	300	N	N	<20	N	--	N	N	N	<.02	20	N	200
GP2622C	100	N	N	30	N	--	N	500	N	N	500	N	300
GP2623C	N	N	N	20	N	--	N	N	N	<.02	50	N	500
GP2624C	100	N	N	50	N	--	N	1,500	N	2.00	500	N	2,000
GP2625C	N	N	N	100	N	--	N	N	N	.08	100	N	1,500
GP2626C	<100	N	N	20	N	--	N	N	N	<.02	70	N	500
GP2627C	N	N	N	50	N	--	N	N	N	.08	150	N	3,000
GP2628C	N	30	<20	200	N	--	N	N	N	N	<20	N	200
GP2630C	200	20	<20	1,000	5.0	--	N	N	N	N	200	N	500
GP2631C	N	N	N	50	N	--	N	N	N	.02	50	N	N
GP2632C	N	150	N	20	N	--	N	<500	N	N	20	N	N
GP26C	100	N	N	N	2.0	--	N	N	N	.02	70	N	200
GP27C	N	N	N	N	N	40	N	N	N	--	<20	N	N

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Ba-ppm s	La-ppm s	Y-ppm s	Zr-ppm s	Th-ppm s	Nb-ppm s
GP2584C	500	200	700	>2,000	N	100
GP2585C	200	200	700	>2,000	N	200
GP2586C	100	200	700	>2,000	N	200
GP2587C	300	N	100	>2,000	N	N
GP2588C	100	700	700	>2,000	N	200
GP2589C	200	150	70	>2,000	N	N
GP2590C	300	150	1,000	>2,000	N	150
GP2592C	150	1,000	500	>2,000	N	150
GP2594C	300	N	200	>2,000	N	N
GP2595C	200	N	1,000	>2,000	N	70
GP2596C	200	100	1,000	>2,000	N	100
GP2597C	200	50	500	>2,000	N	50
GP2598C	150	70	500	>2,000	200	N
GP2599C	150	100	500	>2,000	N	150
GP25C	100	N	100	200	N	N
GP2600C	100	150	700	>2,000	N	150
GP2601C	70	100	500	2,000	N	150
GP2602C	1,000	200	300	>2,000	N	50
GP2605C	150	700	700	>2,000	N	200
GP2606C	150	N	500	>2,000	N	100
GP2607C	150	700	700	>2,000	N	100
GP2608C	500	100	1,000	1,000	N	200
GP2609C	100	150	500	1,500	N	200
GP2610C	300	50	200	>2,000	N	N
GP2612C	200	50	300	1,500	<200	150
GP2613C	200	70	200	1,000	N	100
GP2614C	200	150	500	>2,000	N	100
GP2615C	100	100	500	>2,000	N	200
GP2616C	500	N	150	>2,000	N	100
GP2617C	150	N	200	>2,000	N	70
GP2618C	200	N	150	>2,000	N	70
GP2620C	700	500	1,000	>2,000	300	N
GP2621C	200	200	1,000	>2,000	N	N
GP2622C	5,000	70	300	>2,000	N	50
GP2623C	1,000	N	150	>2,000	N	N
GP2624C	10,000	50	200	>2,000	N	70
GP2625C	10,000	70	200	>2,000	N	50
GP2626C	500	N	200	>2,000	N	N
GP2627C	1,000	150	200	>2,000	N	<50
GP2628C	10,000	200	300	>2,000	N	70
GP2630C	500	150	500	>2,000	N	N
GP2631C	200	300	1,000	>2,000	500	N
GP2632C	100	200	500	>2,000	N	500
GP26C	70	200	150	700	N	50
GP27C	50	N	100	200	N	N

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Latitude	Longitude	Mg-pct.	Ca-pct.	Fe-pct.	Ti-pct.	Mn-ppm	Cr-ppm	Ni-ppm	Co-ppm	Cu-ppm	Mo-ppm
			s	s	s	s	s	s	s	s	s	s
GP28C	48 3 5	120 50 20	5.00	10.0	10.0	2.000	3,000	500	100	50	200	N
GP3001C	48 7 0	121 24 5	1.00	7.0	2.0	>2.000	500	200	30	10	20	N
GP3002C	48 6 28	121 23 35	1.00	7.0	1.5	>2.000	500	300	50	N	15	N
GP3004C	48 6 24	121 23 20	.70	5.0	1.0	>2.000	500	150	30	N	20	N
GP3005C	48 5 57	121 21 42	.50	20.0	1.0	>2.000	500	100	N	N	15	N
GP3006C	48 5 42	121 20 4	.50	7.0	1.0	>2.000	500	200	20	N	15	N
GP3007C	48 5 38	121 19 35	1.50	7.0	2.0	>2.000	500	500	150	20	20	N
GP3008C	48 5 11	121 18 19	.50	2.0	1.0	>2.000	300	300	50	10	10	N
GP3010C	48 5 55	121 17 30	.30	7.0	.7	>2.000	200	200	20	N	50	N
GP3011C	48 5 59	121 17 14	.15	7.0	1.0	>2.000	200	500	20	20	20	N
GP3012C	48 6 7	121 16 48	.10	7.0	.7	>2.000	150	500	20	20	50	N
GP3013C	48 6 8	121 16 40	.30	5.0	.7	>2.000	200	300	20	15	15	N
GP3018C	48 1 31	121 17 4	.20	5.0	1.0	>2.000	200	300	30	30	50	10
GP3019C	48 4 5	121 17 26	.20	15.0	2.0	>2.000	500	300	30	20	50	N
GP3020C	48 4 38	121 17 54	.30	5.0	.5	>2.000	100	500	20	20	15	N
GP3031C	48 7 57	121 12 14	2.00	7.0	3.0	1.000	700	150	20	15	20	N
GP3032C	48 7 48	121 12 4	1.00	10.0	10.0	.700	500	N	N	20	70	N
GP3033C	48 9 8	121 11 10	.70	7.0	1.5	>2.000	500	200	N	N	20	N
GP3034C	48 8 20	121 9 34	2.00	10.0	2.0	>2.000	700	300	70	10	150	N
GP3035C	48 6 49	121 9 44	1.50	10.0	2.0	.200	300	100	N	N	30	N
GP3036C	48 5 12	121 8 32	1.50	10.0	2.0	>2.000	500	150	N	N	15	N
GP3037C	48 4 19	121 9 46	1.00	7.0	2.0	>2.000	500	1,000	30	10	30	N
GP3038C	48 4 20	121 9 53	.50	5.0	1.0	>2.000	100	700	N	N	20	N
GP3040C	48 3 12	121 16 2	.30	5.0	20.0	>2.000	200	500	70	150	100	100
GP3041C	48 2 46	121 15 6	.30	20.0	3.0	>2.000	300	500	N	10	50	N
GP3042C	48 2 31	121 14 29	.50	7.0	1.0	>2.000	200	1,000	20	10	30	N
GP3043C	47 59 36	121 8 34	.20	10.0	7.0	>2.000	500	500	50	30	70	N
GP3044C	47 59 37	121 8 36	.30	7.0	30.0	>2.000	700	300	100	100	300	N
GP3045C	47 59 54	121 8 26	.30	5.0	5.0	>2.000	300	700	30	30	70	N
GP3059C	48 3 48	121 13 22	.30	10.0	.7	>2.000	200	700	N	10	10	N
GP3060C	48 2 55	121 12 48	.50	5.0	1.0	>2.000	150	500	N	10	10	N
GP3061C	48 1 5	121 12 43	.20	5.0	1.0	>2.000	200	300	N	10	20	N
GP3062C	48 1 58	121 11 56	.50	5.0	1.5	>2.000	150	500	100	15	30	N
GP3063C	48 1 43	121 11 26	1.00	5.0	1.5	>2.000	200	700	50	10	15	N
GP3064C	48 1 43	121 11 18	.30	3.0	1.0	>2.000	200	500	N	N	20	N
GP3066C	48 2 27	121 13 17	.50	5.0	1.0	>2.000	200	500	30	N	30	N
GP3067C	47 59 9	121 11 30	.30	5.0	1.0	>2.000	200	500	30	N	15	N
GP3068C	47 59 37	121 12 38	.30	5.0	.7	>2.000	150	500	30	10	15	N
GP3069C	47 59 42	121 12 43	.50	3.0	1.0	>2.000	200	300	30	10	20	N
GP3071C	48 13 32	121 0 58	.30	20.0	.7	>2.000	1,000	150	N	N	10	N
GP3075C	48 14 28	120 57 11	.30	20.0	1.5	>2.000	1,000	150	N	N	50	N
GP3076C	48 10 56	120 55 59	.70	15.0	5.0	>2.000	1,500	300	70	30	100	N
GP3077C	48 11 25	120 57 12	.70	10.0	5.0	>2.000	1,000	200	20	50	700	20
GP3078C	48 11 22	120 57 4	.50	20.0	2.0	>2.000	1,000	200	20	N	70	N
GP3079C	48 18 49	121 17 6	.70	10.0	3.0	>2.000	1,000	150	N	20	150	50

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	W-ppm s	Sn-ppm s	Bi-ppm s	Pb-ppm s	Ag-ppm s	Zn-ppm aa	Cd-ppm s	As-ppm s	Sb-ppm s	Hg-ppm inst	B-ppm s	Be-ppm s	Sr-ppm s
GP28C	100	N	N	<20	N	--	N	N	N	--	50	N	300
GP3001C	N	20	N	N	N	--	N	N	N	1.10	100	N	200
GP3002C	<100	30	N	<20	N	--	N	N	N	.90	70	N	200
GP3004C	N	N	N	N	N	--	N	N	N	.80	50	N	300
GP3005C	N	N	N	N	N	--	N	N	N	.08	300	N	300
GP3006C	N	200	N	50	N	--	N	N	N	.04	50	N	500
GP3007C	N	20	100	30	1.0	--	N	N	N	.06	200	N	200
GP3008C	N	N	N	<20	N	--	N	N	N	<.02	70	N	300
GP3010C	N	N	N	<20	N	--	N	N	N	.02	30	N	300
GP3011C	N	20	N	<20	N	--	N	N	N	.02	30	N	300
GP3012C	N	50	N	<20	N	--	N	N	N	.04	30	N	200
GP3013C	N	20	N	<20	N	--	N	N	N	.02	100	N	300
GP3018C	N	20	N	200	N	--	N	N	N	2.50	50	N	200
GP3019C	N	N	20	20	N	--	N	1,000	N	.10	100	N	300
GP3020C	N	N	500	100	N	--	N	N	N	<.02	20	N	200
GP3031C	N	N	N	N	N	--	N	N	N	--	20	N	700
GP3032C	N	N	N	N	N	--	N	N	N	.08	<20	N	1,000
GP3033C	N	N	N	<20	N	--	N	N	N	.20	500	N	500
GP3034C	100	N	N	30	N	--	N	1,000	N	.18	70	N	700
GP3035C	100	N	N	N	N	--	N	1,500	N	.06	20	N	1,000
GP3036C	100	N	N	N	N	--	N	N	N	.02	30	N	700
GP3037C	100	N	N	N	N	--	N	N	N	.04	150	N	N
GP3038C	100	N	N	N	N	--	N	N	N	.12	50	N	N
GP3040C	100	30	70	N	N	--	N	1,500	N	.12	50	N	N
GP3041C	100	30	N	30	N	--	N	500	N	.08	70	N	N
GP3042C	100	N	N	<20	N	--	N	N	N	.02	50	N	N
GP3043C	100	N	N	50	5.0	--	<50	N	N	.02	200	N	200
GP3044C	100	30	150	150	50.0	--	<50	N	N	.04	30	N	N
GP3045C	100	50	N	20	1.5	--	N	N	N	<.02	100	N	200
GP3059C	100	20	N	<20	N	--	N	N	N	<.02	100	N	N
GP3060C	100	N	N	<20	N	--	N	N	N	.02	100	3	N
GP3061C	100	20	N	20	N	--	N	N	N	.02	150	2	300
GP3062C	200	30	N	<20	N	--	N	N	N	.04	100	N	200
GP3063C	N	N	N	N	N	--	N	N	N	<.02	500	N	N
GP3064C	N	30	N	20	N	--	N	N	N	.08	200	N	N
GP3066C	N	20	N	20	N	--	N	N	N	.02	70	2	500
GP3067C	N	N	N	20	N	--	N	N	N	<.02	100	3	200
GP3068C	N	N	N	20	N	--	N	N	N	.04	100	N	200
GP3069C	N	30	N	N	N	--	N	N	N	.02	200	N	500
GP3071C	N	30	N	N	N	--	N	N	N	.04	20	N	200
GP3075C	150	N	300	50	15.0	--	N	N	N	.16	300	N	500
GP3076C	100	70	20	30	N	--	N	2,000	N	<.02	>5,000	5	300
GP3077C	1,500	100	>2,000	300	200.0	--	N	N	N	<.02	>5,000	<2	200
GP3078C	150	30	150	30	3.0	--	N	N	N	N	>5,000	5	200
GP3079C	N	100	30	20	N	--	N	N	N	N	150	N	500

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Ba-ppm s	La-ppm s	Y-ppm s	Zr-ppm s	Th-ppm s	Nb-ppm s
GP28C	100	300	150	1,000	N	70
GP3001C	70	N	200	>2,000	N	50
GP3002C	200	100	300	>2,000	N	70
GP3004C	200	70	200	>2,000	N	100
GP3005C	300	200	300	>2,000	N	N
GP3006C	200	100	200	>2,000	N	N
GP3007C	500	150	200	2,000	N	100
GP3008C	150	150	30	2,000	N	150
GP3010C	200	300	150	2,000	N	200
GP3011C	200	500	200	>2,000	N	200
GP3012C	150	200	200	1,500	N	200
GP3013C	200	100	150	>2,000	N	150
GP3018C	500	50	300	>2,000	N	100
GP3019C	500	150	500	>2,000	N	50
GP3020C	70	70	150	>2,000	N	150
GP3031C	300	N	100	>2,000	N	N
GP3032C	700	N	100	>2,000	N	N
GP3033C	200	50	100	>2,000	N	70
GP3034C	300	500	500	>2,000	300	N
GP3035C	500	N	N	>2,000	N	N
GP3036C	300	N	30	>2,000	N	50
GP3037C	300	150	100	>2,000	N	150
GP3038C	300	70	70	2,000	N	150
GP3040C	500	N	200	>2,000	N	50
GP3041C	300	100	500	>2,000	N	200
GP3042C	200	100	150	>2,000	N	200
GP3043C	5,000	500	500	>2,000	N	70
GP3044C	2,000	100	200	2,000	N	<50
GP3045C	5,000	N	100	>2,000	N	150
GP3059C	200	100	500	>2,000	N	100
GP3060C	500	50	200	2,000	N	150
GP3061C	300	50	200	>2,000	N	200
GP3062C	300	N	150	1,500	N	150
GP3063C	300	500	100	1,000	<200	200
GP3064C	300	70	100	>2,000	N	150
GP3066C	300	50	70	>2,000	N	200
GP3067C	500	50	150	2,000	N	100
GP3068C	200	50	100	2,000	N	150
GP3069C	300	70	100	>2,000	N	200
GP3071C	200	100	500	>2,000	N	100
GP3075C	500	100	700	>2,000	N	N
GP3076C	5,000	700	700	>2,000	N	N
GP3077C	500	300	500	>2,000	200	N
GP3078C	700	300	500	>2,000	N	N
GP3079C	200	200	500	>2,000	N	100

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Latitude	Longitude	Mg-pct. s	Ca-pct. s	Fe-pct. s	Ti-pct. s	Mn-ppm s	Cr-ppm s	Ni-ppm s	Co-ppm s	Cu-ppm s	Mo-ppm s
GP3080C	48 18 41	121 16 53	.20	10.0	2.0	>2.000	700	200	N	N	30	N
GP3081C	48 18 44	121 16 52	.70	15.0	3.0	>2.000	1,000	200	70	15	70	50
GP3082C	48 18 36	121 17 10	.15	10.0	1.5	>2.000	500	200	N	15	10	N
GP3083C	48 18 12	121 17 30	.30	10.0	2.0	>2.000	700	200	20	20	20	N
GP3084C	48 18 17	121 17 29	.20	10.0	1.5	>2.000	700	300	N	15	150	N
GP3086C	48 17 34	121 18 17	.20	7.0	1.0	>2.000	500	300	N	20	20	N
GP3088C	48 5 42	120 57 33	.20	10.0	1.5	>2.000	700	50	N	15	10	N
GP3089C	48 5 5	120 56 2	1.00	10.0	2.0	>2.000	1,000	200	70	15	70	N
GP3090C	48 4 3	120 57 31	2.00	7.0	5.0	>2.000	1,500	700	2,000	200	500	N
GP3091C	48 3 28	120 56 22	1.00	10.0	3.0	>2.000	1,000	300	700	50	50	N
GP3092C	48 7 16	120 58 22	.30	15.0	2.0	>2.000	1,000	100	30	10	15	N
GP3093C	48 8 12	121 0 0	.50	10.0	3.0	>2.000	1,500	200	70	10	30	N
GP3094C	48 9 47	121 0 9	.50	15.0	2.0	>2.000	1,000	200	50	30	30	N
GP3095C	48 14 41	120 54 14	.50	10.0	7.0	>2.000	1,500	100	15	10	100	N
GP3096C	48 19 55	121 13 28	1.00	10.0	2.0	>2.000	1,500	200	100	20	300	30
GP3097C	48 19 50	121 13 30	1.50	10.0	3.0	>2.000	1,000	500	200	30	20	N
GP3098C	48 12 13	120 52 30	.70	15.0	3.0	>2.000	1,000	100	20	10	100	N
GP3099C	48 13 31	121 1 28	.30	10.0	5.0	2.000	2,000	100	N	N	30	N
GP3101C	48 13 32	121 1 58	.50	7.0	2.0	>2.000	1,000	150	50	15	20	700
GP3103C	48 13 43	121 2 40	.50	10.0	2.0	>2.000	1,000	200	N	10	<10	N
GP3104C	48 13 38	121 3 4	3.00	20.0	3.0	>2.000	1,000	300	200	20	70	N
GP3105C	48 13 37	121 3 52	.50	15.0	2.0	>2.000	1,000	200	N	15	10	N
GP3107C	48 22 21	121 16 32	.50	15.0	1.5	>2.000	700	150	N	10	15	N
GP3108C	48 22 20	121 16 35	.70	10.0	5.0	>2.000	700	300	N	30	20	N
GP3109C	48 22 14	121 16 15	.10	10.0	7.0	>2.000	700	30	30	100	150	N
GP3153C	48 22 0	121 15 51	.20	10.0	1.0	>2.000	700	30	N	20	20	N
GP3154C	48 21 52	121 15 46	.20	5.0	7.0	2.000	700	20	20	70	5,000	1,000
GP3155C	48 21 21	121 15 53	.50	7.0	5.0	>2.000	700	150	20	50	300	300
GP3156C	48 21 10	121 15 51	.20	7.0	5.0	>2.000	1,000	50	N	50	700	100
GP3158C	48 20 13	121 16 50	.50	10.0	2.0	>2.000	1,000	150	N	20	1,000	15
GP3159C	48 20 7	121 16 55	1.50	15.0	3.0	>2.000	1,000	300	30	10	50	N
GP3160C	48 22 55	121 25 45	1.50	5.0	5.0	>2.000	1,000	150	50	30	70	N
GP3163C	48 21 37	121 25 31	.70	7.0	5.0	>2.000	700	150	70	70	100	N
GP3164C	48 20 58	121 24 55	2.00	7.0	3.0	>2.000	1,000	500	100	20	30	N
GP3165C	48 20 14	121 23 36	1.50	7.0	5.0	>2.000	500	500	150	50	70	N
GP3166C	48 19 7	121 21 45	.70	7.0	2.0	>2.000	500	300	20	20	15	N
GP3167C	48 19 3	121 21 14	.50	5.0	1.5	>2.000	500	500	N	20	10	N
GP3168C	48 18 53	121 20 19	.70	7.0	2.0	>2.000	700	300	20	20	10	N
GP3170C	48 9 10	121 12 42	.50	7.0	2.0	>2.000	700	300	20	10	20	N
GP3171C	48 9 12	121 12 58	.20	5.0	1.5	>2.000	500	300	N	10	10	N
GP3172C	48 9 22	121 14 3	.30	3.0	1.5	>2.000	200	500	20	10	15	N
GP3179C	48 16 12	121 21 0	.30	2.0	1.0	>2.000	200	500	20	10	50	N
GP3180C	48 16 24	121 22 0	1.00	2.0	5.0	>2.000	300	500	70	20	100	N
GP3182C	48 8 32	120 39 10	1.00	20.0	3.0	>2.000	1,000	100	20	10	20	N
GP3184C	48 8 30	120 39 0	1.50	20.0	2.0	>2.000	1,000	100	20	10	50	N

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	W-ppm s	Sn-ppm s	Bi-ppm s	Pb-ppm s	Ag-ppm s	Zn-ppm aa	Cd-ppm s	As-ppm s	Sb-ppm s	Hg-ppm inst	B-ppm s	Be-ppm s	Sr-ppm s
GP3080C	N	20	N	20	N	--	N	N	N	N	300	N	700
GP3081C	<100	70	N	20	N	--	N	N	N	N	200	N	500
GP3082C	N	50	N	50	N	--	N	N	N	N	200	N	700
GP3083C	100	50	N	30	N	--	N	N	N	N	500	N	700
GP3084C	100	50	N	20	1.0	--	N	N	N	N	500	N	700
GP3086C	N	50	N	20	N	--	N	N	N	N	500	N	700
GP3088C	N	100	N	20	N	--	N	N	N	N	20	N	700
GP3089C	N	N	N	<20	N	--	N	N	N	<.02	300	N	1,000
GP3090C	N	20	N	20	N	--	N	N	N	N	70	N	500
GP3091C	N	70	N	20	N	--	N	N	N	<.02	50	N	1,000
GP3092C	N	200	N	30	N	--	N	N	N	N	500	N	700
GP3093C	N	50	N	20	N	--	N	N	N	N	30	N	700
GP3094C	N	100	N	20	N	--	N	<500	N	N	70	N	200
GP3095C	N	N	N	20	N	--	N	N	N	N	200	N	1,000
GP3096C	100	150	<20	50	N	--	N	N	N	.02	20	N	N
GP3097C	N	20	N	10	N	--	N	N	N	N	300	N	200
GP3098C	N	70	N	200	N	--	N	N	N	.02	700	N	1,000
GP3099C	N	30	20	100	N	--	N	N	N	N	50	2	700
GP3101C	N	200	N	2,000	N	--	N	N	N	--	100	<2	300
GP3103C	N	100	N	100	N	--	N	N	N	N	30	N	500
GP3104C	N	70	N	30	N	--	N	N	N	N	200	N	200
GP3105C	N	70	N	200	N	--	N	N	N	N	700	N	500
GP3107C	N	50	N	20	N	--	N	N	N	<.02	50	N	200
GP3108C	N	70	N	20	N	--	N	N	N	<.02	20	N	200
GP3109C	N	50	N	<20	N	--	N	N	N	N	<20	N	N
GP3153C	<100	30	N	<20	N	--	N	N	N	N	30	N	N
GP3154C	500	50	300	5,000	10.0	--	N	1,000	N	N	<20	N	N
GP3155C	100	50	N	300	N	--	N	N	N	N	<20	N	200
GP3156C	200	150	100	100	2.0	--	N	N	N	N	20	N	N
GP3158C	150	150	N	30	N	--	N	N	N	N	50	N	200
GP3159C	N	<20	N	50	N	--	N	N	N	N	70	N	1,000
GP3160C	N	N	N	30	N	--	N	N	N	.02	300	N	500
GP3163C	300	N	N	30	N	--	N	N	N	.02	200	N	500
GP3164C	N	N	N	20	N	--	N	N	N	N	500	N	700
GP3165C	N	N	N	50	N	--	N	N	N	.02	200	N	700
GP3166C	N	20	N	20	N	--	N	N	N	N	70	N	700
GP3167C	N	20	N	<20	N	--	N	N	N	N	100	N	300
GP3168C	N	N	N	20	N	--	N	N	N	N	20	N	700
GP3170C	N	30	N	30	N	--	N	N	N	N	1,000	N	700
GP3171C	N	20	N	20	N	--	N	N	N	N	1,000	N	500
GP3172C	N	20	N	<20	N	--	N	N	N	N	1,500	N	N
GP3179C	N	30	N	<20	N	--	N	N	N	N	1,500	N	N
GP3180C	N	30	N	30	N	--	N	500	N	N	700	3	200
GP3182C	200	30	N	30	N	--	N	N	N	N	100	N	500
GP3184C	500	50	N	30	N	--	N	N	N	N	300	N	300

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Ba-ppm s	La-ppm s	Y-ppm s	Zr-ppm s	Th-ppm s	Nb-ppm s
GP3080C	200	70	200	1,000	N	100
GP3081C	200	200	300	1,500	N	200
GP3082C	100	70	200	500	N	150
GP3083C	300	150	200	>2,000	N	150
GP3084C	150	70	300	>2,000	N	100
GP3086C	200	150	200	>2,000	N	200
GP3088C	300	1,000	500	>2,000	N	200
GP3089C	300	100	70	>2,000	N	N
GP3090C	500	100	300	500	N	200
GP3091C	500	200	500	500	N	200
GP3092C	500	300	500	>2,000	N	300
GP3093C	300	300	300	1,000	N	200
GP3094C	300	500	700	>2,000	N	200
GP3095C	1,000	50	100	>2,000	N	N
GP3096C	200	200	700	2,000	N	500
GP3097C	300	70	200	300	N	200
GP3098C	700	150	500	>2,000	N	N
GP3099C	500	200	500	>2,000	N	N
GP3101C	300	2,000	1,000	>2,000	N	<50
GP3103C	200	300	500	700	N	200
GP3104C	150	300	500	>2,000	N	150
GP3105C	200	200	500	1,500	N	200
GP3107C	100	>2,000	700	>2,000	300	N
GP3108C	100	200	300	>2,000	N	N
GP3109C	70	>2,000	700	>2,000	500	N
GP3153C	100	>2,000	1,000	>2,000	700	N
GP3154C	100	500	700	>2,000	500	N
GP3155C	100	1,500	500	>2,000	<200	N
GP3156C	150	150	500	2,000	N	300
GP3158C	200	700	500	>2,000	N	150
GP3159C	200	200	200	>2,000	N	70
GP3160C	300	N	150	2,000	N	50
GP3163C	300	50	200	>2,000	N	<50
GP3164C	500	50	150	2,000	N	100
GP3165C	500	N	150	700	N	150
GP3166C	500	150	200	1,500	N	200
GP3167C	300	70	200	1,000	N	200
GP3168C	200	50	200	700	N	100
GP3170C	200	100	200	2,000	N	100
GP3171C	200	100	150	2,000	N	150
GP3172C	300	150	150	700	<200	200
GP3179C	200	100	100	500	N	300
GP3180C	300	100	100	500	N	200
GP3182C	200	200	500	>2,000	N	70
GP3184C	200	500	500	>2,000	N	100

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Latitude	Longitude	Mg-pct. s	Ca-pct. s	Fe-pct. s	Ti-pct. s	Mn-ppm s	Cr-ppm s	Ni-ppm s	Co-ppm s	Cu-ppm s	Mo-ppm s
GP3187C	48 13 56	120 50 13	1.00	10.0	5.0	>2.000	1,500	30	N	15	100	N
GP3188C	48 11 57	120 53 25	.50	7.0	5.0	>2.000	500	N	20	50	500	1,000
GP3191C	48 6 38	120 45 40	.30	20.0	1.5	>2.000	500	30	N	N	20	20
GP3192C	48 9 17	120 51 49	3.00	20.0	1.5	>2.000	1,000	500	200	10	10	10
GP3193C	48 17 38	120 53 54	.70	10.0	2.0	>2.000	700	70	N	N	20	N
GP3194C	48 19 50	120 50 0	.50	20.0	2.0	>2.000	700	200	20	20	30	15
GP3195C	48 23 3	120 56 50	.70	10.0	2.0	>2.000	500	500	30	15	70	N
GP3196C	48 23 20	121 0 40	.50	7.0	1.5	>2.000	300	150	N	N	20	N
GP3197C	48 24 2	120 54 38	.50	7.0	1.5	>2.000	500	150	N	10	15	N
GP3198C	48 20 11	120 46 3	.70	15.0	1.0	>2.000	500	200	30	N	20	N
GP3199C	48 23 57	120 51 20	.50	20.0	1.0	>2.000	500	150	N	N	<10	N
GP3200C	48 24 13	120 51 36	1.00	20.0	1.0	>2.000	500	200	50	N	<10	N
GP3201C	48 27 5	120 59 31	.20	10.0	1.0	>2.000	500	150	N	10	20	30
GP3203C	48 11 58	120 45 16	1.50	20.0	5.0	>2.000	500	150	20	50	200	N
GP3204C	48 11 19	120 41 0	1.50	7.0	5.0	>2.000	1,000	200	30	30	1,500	20
GP3205C	48 11 48	120 43 42	.50	15.0	1.0	>2.000	500	50	N	N	70	N
GP3207C	48 28 33	121 4 40	.20	20.0	1.0	>2.000	700	150	N	N	70	500
GP3212C	47 59 18	121 23 14	.10	1.5	30.0	1.000	100	N	70	150	2,000	N
GP3213C	48 28 18	121 9 33	2.00	10.0	2.0	>2.000	700	1,000	150	30	20	10
GP3214C	48 28 47	121 8 53	1.00	10.0	2.0	>2.000	500	700	1,500	70	70	N
GP3216C	48 29 14	121 8 14	.70	10.0	2.0	>2.000	500	500	70	30	50	N
GP3217C	48 29 33	121 7 22	.50	10.0	3.0	>2.000	500	150	50	50	70	200
GP3218C	48 29 28	121 6 28	.50	10.0	1.5	>2.000	500	300	30	10	50	20
GP3221C	48 29 22	121 5 20	.10	10.0	2.0	>2.000	500	100	30	150	30	150
GP3222C	48 29 12	121 4 57	1.50	20.0	10.0	>2.000	700	300	150	150	700	300
GP3223C	48 29 13	121 4 58	.50	10.0	5.0	>2.000	700	100	70	200	500	150
GP3224C	48 29 17	121 5 2	.30	10.0	10.0	>2.000	700	150	100	200	1,000	150
GP3232C	48 27 54	121 13 0	.30	7.0	7.0	>2.000	500	70	20	70	500	50
GP3233C	48 27 32	121 11 52	1.00	10.0	2.0	>2.000	700	200	50	N	30	N
GP3234C	48 27 42	121 12 34	.20	10.0	2.0	>2.000	500	N	20	50	70	15
GP3236C	48 11 13	121 1 42	.15	7.0	5.0	2.000	500	150	N	20	700	1,000
GP3237C	48 13 28	120 42 30	.20	10.0	1.5	>2.000	500	30	N	N	30	30
GP3238C	48 13 25	120 42 33	1.00	10.0	1.5	>2.000	500	200	50	N	50	15
GP3239C	48 13 29	120 41 25	1.50	5.0	2.0	>2.000	700	100	20	10	70	N
GP3240C	48 13 25	120 41 29	2.00	7.0	3.0	>2.000	700	200	50	15	30	N
GP3241C	48 13 41	120 40 54	.30	5.0	1.0	>2.000	300	150	20	N	10	N
GP3242C	48 13 37	120 40 55	.30	10.0	1.0	>2.000	500	100	N	N	10	N
GP4000C	48 20 43	120 57 50	.70	10.0	5.0	>2.000	500	150	70	200	50	30
GP4001C	48 20 23	120 57 47	.30	7.0	.7	>2.000	500	30	N	N	100	20
GP4003C	48 20 19	120 56 7	.50	7.0	.7	>2.000	500	20	N	N	100	N
GP4004C	48 20 45	120 54 28	.30	10.0	.7	>2.000	500	20	N	N	70	70
GP4005C	48 20 44	120 54 5	.20	15.0	1.0	>2.000	500	100	N	N	70	70
GP4006C	48 17 38	120 55 49	.20	20.0	.7	2.000	1,000	50	N	N	15	10
GP4007C	48 17 37	120 55 46	.20	15.0	1.0	>2.000	700	50	N	N	50	N
GP4008C	48 16 2	120 55 41	.50	15.0	1.5	>2.000	1,000	70	N	N	20	N

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	W-ppm s	Sn-ppm s	Bi-ppm s	Pb-ppm s	Ag-ppm s	Zn-ppm aa	Cd-ppm s	As-ppm s	Sb-ppm s	Hg-ppm inst	B-ppm s	Be-ppm s	Sr-ppm s
GP3187C	N	N	N	50	N	--	N	N	N	N	100	N	700
GP3188C	1,000	200	200	10,000	300.0	--	N	1,000	N	.18	150	N	N
GP3191C	100	30	N	150	N	--	N	N	N	>10.00	<20	N	N
GP3192C	150	<20	N	70	N	--	N	N	N	.02	1,500	N	200
GP3193C	100	N	700	500	N	--	N	N	N	<.02	200	N	200
GP3194C	150	70	N	50	N	--	N	N	N	N	30	N	200
GP3195C	500	20	N	50	N	--	N	N	N	.02	1,500	N	1,500
GP3196C	N	N	N	20	N	--	N	N	N	.02	100	N	700
GP3197C	300	150	N	50	N	--	N	N	N	<.02	20	N	300
GP3198C	N	30	N	N	N	--	N	N	N	.02	<20	N	300
GP3199C	N	30	N	30	N	--	N	N	N	.08	<20	N	700
GP3200C	N	50	N	N	N	--	N	N	N	<.02	<20	N	200
GP3201C	1,500	150	N	30	N	--	N	N	N	--	20	N	200
GP3203C	<100	20	N	50	N	--	N	N	N	.08	200	N	500
GP3204C	150	100	N	20	N	--	N	N	N	.06	20	N	500
GP3205C	1,000	20	N	N	N	--	N	N	N	.02	<20	N	300
GP3207C	700	70	500	2,000	70.0	--	N	1,500	N	.02	100	N	500
GP3212C	100	N	50	1,000	15.0	--	N	>20,000	500	>10.00	20	N	N
GP3213C	<100	50	N	100	N	--	N	N	N	N	100	N	300
GP3214C	<100	50	700	10,000	150.0	--	N	N	N	<.02	20	N	300
GP3216C	500	30	N	200	2.0	--	N	N	N	<.02	70	N	700
GP3217C	<100	N	N	500	2.0	--	N	N	N	<.02	100	N	1,000
GP3218C	<100	50	70	300	10.0	--	N	N	N	N	700	N	500
GP3221C	N	70	N	300	N	--	N	N	N	N	<20	N	500
GP3222C	100	50	100	20,000	50.0	--	50	1,000	N	N	30	N	2,000
GP3223C	300	70	N	700	N	--	N	N	N	N	20	N	300
GP3224C	N	100	N	1,500	10.0	--	N	500	N	<.02	20	N	200
GP3232C	150	30	20	200	N	--	N	N	N	.02	<20	N	300
GP3233C	N	50	N	50	N	--	N	N	N	.02	150	N	700
GP3234C	N	100	N	N	N	--	N	N	N	N	<20	N	N
GP3236C	300	30	200	70	N	--	N	2,000	N	<.02	200	N	500
GP3237C	500	N	N	N	N	--	N	N	N	N	30	N	300
GP3238C	<100	N	N	<20	N	--	N	N	N	N	30	N	700
GP3239C	N	70	N	50	N	--	N	N	N	--	70	N	300
GP3240C	500	30	N	<20	N	--	N	N	N	<.04	70	N	300
GP3241C	150	20	N	<20	N	--	N	N	N	N	50	N	N
GP3242C	150	<20	N	<20	N	--	N	N	N	N	20	N	200
GP4000C	500	N	<20	100	1.0	--	N	5,000	N	.02	70	N	700
GP4001C	100	N	300	30	N	--	N	N	N	.08	20	N	N
GP4003C	N	N	N	30	7.0	--	N	N	N	.06	30	N	200
GP4004C	200	N	N	N	N	--	N	N	N	.40	30	N	N
GP4005C	700	50	70	100	N	--	N	N	N	<.02	70	N	200
GP4006C	<100	N	N	50	N	--	N	N	N	N	50	N	N
GP4007C	N	30	50	50	N	--	N	N	N	<.02	50	N	200
GP4008C	N	50	70	50	N	--	N	N	N	<.02	150	N	200

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Ba-ppm s	La-ppm s	Y-ppm s	Zr-ppm s	Th-ppm s	Nb-ppm s
GP3187C	500	N	50	700	N	N
GP3188C	200	70	700	>2,000	<200	N
GP3191C	1,000	150	1,000	>2,000	N	50
GP3192C	150	50	500	>2,000	N	50
GP3193C	150	N	300	>2,000	N	N
GP3194C	2,000	1,000	1,000	>2,000	N	100
GP3195C	>10,000	50	300	>2,000	N	100
GP3196C	1,000	N	150	>2,000	N	50
GP3197C	1,000	2,000	1,000	>2,000	N	150
GP3198C	200	300	700	>2,000	N	100
GP3199C	200	500	700	>2,000	N	70
GP3200C	150	500	700	>2,000	N	70
GP3201C	1,500	1,000	700	>2,000	N	100
GP3203C	2,000	100	200	>2,000	N	N
GP3204C	300	300	700	>2,000	N	N
GP3205C	150	100	500	>2,000	N	<50
GP3207C	200	300	500	>2,000	200	<50
GP3212C	3,000	N	200	>2,000	N	N
GP3213C	100	70	300	>2,000	200	150
GP3214C	700	50	500	1,000	<200	200
GP3216C	300	150	200	1,500	N	300
GP3217C	2,000	50	200	>2,000	N	100
GP3218C	200	300	500	>2,000	N	100
GP3221C	>10,000	700	700	>2,000	200	100
GP3222C	200	500	300	>2,000	N	N
GP3223C	1,000	700	700	>2,000	200	<50
GP3224C	150	700	700	>2,000	N	70
GP3232C	200	50	500	>2,000	N	100
GP3233C	500	50	500	1,000	N	150
GP3234C	100	100	500	2,000	N	300
GP3236C	10,000	150	500	>2,000	700	N
GP3237C	200	150	500	>2,000	N	N
GP3238C	150	200	300	>2,000	N	N
GP3239C	300	70	300	>2,000	N	N
GP3240C	150	300	700	>2,000	N	N
GP3241C	100	150	1,000	>2,000	N	<50
GP3242C	100	150	500	>2,000	N	<50
GP4000C	3,000	100	200	>2,000	N	70
GP4001C	200	200	1,000	>2,000	1,000	N
GP4003C	150	200	700	>2,000	300	N
GP4004C	100	300	1,000	>2,000	700	N
GP4005C	1,000	200	500	>2,000	N	70
GP4006C	150	500	700	>2,000	<200	N
GP4007C	200	300	700	>2,000	N	N
GP4008C	200	300	500	>2,000	N	N

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Latitude	Longitude	Mg-pct. s	Ca-pct. s	Fe-pct. s	Ti-pct. s	Mn-ppm s	Cr-ppm s	Ni-ppm s	Co-ppm s	Cu-ppm s	Mo-ppm s
GP4009C	48 15 18	120 55 32	.15	10.0	.7	>2.000	300	30	N	N	50	N
GP4010C	48 15 18	120 55 39	.30	15.0	1.0	>2.000	700	100	N	N	10	15
GP4011C	48 16 48	120 59 13	.30	10.0	1.0	1.000	700	N	N	N	30	10
GP4012C	48 16 47	120 59 12	.20	20.0	.7	2.000	1,500	70	N	N	30	30
GP4013C	48 17 2	120 58 25	.50	15.0	1.0	>2.000	500	100	N	N	20	20
GP4014C	48 17 13	120 58 3	.20	7.0	.5	.700	300	N	N	N	20	N
GP4015C	48 17 12	120 57 45	.20	15.0	.5	1.500	1,500	20	N	N	<10	N
GP4016C	48 17 10	120 57 28	.30	20.0	.7	1.500	1,500	20	N	N	20	N
GP4017C	48 17 13	120 57 13	.50	10.0	1.0	2.000	500	N	N	N	50	100
GP4018C	48 17 24	120 57 7	.10	10.0	.3	.500	500	N	N	N	<10	20
GP4019C	48 10 21	120 50 20	.30	20.0	1.0	>2.000	500	70	N	N	10	N
GP401GX	47 56 53	121 8 42	.30	2.0	1.0	>2.000	100	500	20	N	20	N
GP4024C	48 9 39	120 40 36	2.00	10.0	2.0	>2.000	700	200	50	10	15	N
GP4025C	48 10 10	120 43 36	1.00	20.0	1.0	>2.000	500	70	N	N	10	N
GP4026C	48 6 20	120 40 12	.20	20.0	.5	>2.000	700	70	N	N	10	30
GP4032C	48 17 4	120 53 8	1.00	10.0	1.5	>2.000	500	150	20	N	20	100
GP4033C	48 17 10	120 53 13	1.50	10.0	2.0	>2.000	1,000	150	50	20	50	20
GP4034C	48 17 7	120 53 43	.70	10.0	2.0	>2.000	1,000	70	N	20	30	N
GP4035C	48 21 16	120 53 3	.50	20.0	1.0	>2.000	1,000	70	N	N	<10	15
GP4036C	48 21 30	120 52 36	.50	10.0	1.5	>2.000	700	100	N	N	10	10
GP4037C	48 21 33	120 52 28	.20	10.0	1.0	>2.000	500	100	N	N	<10	15
GP4038C	48 21 46	120 52 6	.20	10.0	1.0	>2.000	500	150	N	N	<10	10
GP4039C	48 16 50	120 43 48	.70	15.0	1.0	>2.000	500	150	20	N	15	N
GP403GX	47 56 54	121 8 36	.30	5.0	1.5	>2.000	200	500	20	10	15	N
GP4040C	48 16 48	120 43 43	1.50	10.0	3.0	>2.000	700	200	70	10	20	N
GP4044C	48 17 37	120 42 34	.50	15.0	2.0	>2.000	500	150	20	30	20	N
GP4046C	48 18 57	120 40 44	.50	20.0	1.0	>2.000	500	150	N	N	15	N
GP4047C	48 11 22	120 42 10	.70	10.0	3.0	>2.000	500	100	20	10	70	200
GP4048C	48 11 34	120 43 35	1.00	15.0	1.5	>2.000	500	150	N	N	20	10
GP4049C	48 11 41	120 44 38	2.00	15.0	1.5	>2.000	500	200	20	N	70	20
GP4050C	48 11 44	120 46 23	1.50	10.0	2.0	>2.000	500	200	20	N	100	20
GP4053C	48 21 20	121 20 54	1.00	10.0	3.0	>2.000	500	200	30	10	30	N
GP4054C	48 17 58	121 9 25	5.00	10.0	1.5	>2.000	1,000	500	150	10	70	N
GP4055C	48 20 0	121 8 3	1.50	10.0	1.0	>2.000	500	200	50	N	20	N
GP4056C	48 16 2	121 8 31	.70	10.0	1.0	>2.000	700	200	20	N	15	N
GP405GX	47 55 59	121 14 15	1.50	7.0	2.0	>2.000	500	500	150	20	50	N
GP4063C	48 27 13	121 15 19	.70	10.0	1.5	>2.000	500	300	30	N	15	N
GP4064C	48 19 24	120 41 25	.20	10.0	1.0	>2.000	500	150	N	N	10	10
GP4065C	48 20 22	120 42 48	.20	20.0	1.0	>2.000	500	100	N	N	15	10
GP4066C	48 21 2	120 43 33	.20	15.0	1.0	>2.000	500	150	20	N	15	N
GP702GX	47 58 42	121 2 45	.50	5.0	1.5	2.000	200	200	N	N	15	N
GP704GX	47 59 18	120 58 54	.30	7.0	1.5	>2.000	300	200	20	N	15	N
GX0003C	47 49 38	121 2 1	1.50	3.0	7.0	>2.000	3,000	200	50	20	30	N
GX0025C	47 53 35	121 13 35	3.00	3.0	10.0	>2.000	3,000	300	150	30	100	N
GX0031C	47 53 58	121 15 27	3.00	5.0	7.0	1.000	3,000	300	100	20	30	N

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	W-ppm s	Sn-ppm s	Bi-ppm s	Pb-ppm s	Ag-ppm s	Zn-ppm aa	Cd-ppm s	As-ppm s	Sb-ppm s	Hg-ppm inst	B-ppm s	Be-ppm s	Sr-ppm s
GP4009C	N	20	N	200	N	--	N	N	N	N	150	N	200
GP4010C	300	50	30	20	N	--	N	N	N	<.02	200	N	N
GP4011C	100	N	N	N	N	--	N	N	N	N	30	N	N
GP4012C	N	N	100	150	N	--	N	1,500	N	N	50	N	N
GP4013C	200	N	N	N	N	--	N	N	N	.45	20	N	N
GP4014C	N	N	N	<20	N	--	N	N	N	<.02	30	N	200
GP4015C	<100	N	N	N	N	--	N	N	N	<.02	20	N	N
GP4016C	N	N	50	N	N	--	N	N	N	.45	30	N	200
GP4017C	200	N	300	700	N	--	N	N	N	.04	30	N	N
GP4018C	200	N	200	<20	N	--	N	N	N	N	20	N	N
GP4019C	N	N	N	N	N	--	N	N	N	.04	20	N	700
GP401GX	N	N	N	<20	N	--	N	N	N	.04	150	2	200
GP4024C	150	N	N	20	N	--	N	N	N	<.02	50	N	500
GP4025C	N	N	N	N	N	--	N	N	N	.22	20	N	500
GP4026C	N	70	N	N	N	--	N	N	N	3.50	50	N	200
GP4032C	500	<20	N	500	N	--	N	N	N	.08	500	N	1,000
GP4033C	300	30	N	1,000	N	--	N	N	N	.24	500	N	500
GP4034C	300	N	N	30	1,000.0	--	N	N	N	.08	100	N	500
GP4035C	N	70	N	<20	N	--	N	N	N	<.02	20	N	N
GP4036C	N	100	N	20	N	--	N	N	N	<.02	20	N	N
GP4037C	N	100	N	N	N	--	N	N	N	.02	<20	N	N
GP4038C	N	70	N	N	N	--	N	N	N	N	<20	N	N
GP4039C	<100	70	N	<20	N	--	N	N	N	.02	<20	N	300
GP403GX	N	N	N	<20	N	--	N	N	N	N	100	2	200
GP4040C	<100	30	N	<20	N	--	N	N	N	.02	20	N	300
GP4044C	N	50	N	N	N	--	N	N	N	<.02	20	N	300
GP4046C	N	70	N	N	N	--	N	N	N	N	20	N	500
GP4047C	N	50	N	<20	N	--	N	N	N	.08	20	N	300
GP4048C	N	30	N	<20	5.0	--	N	N	N	.02	20	N	200
GP4049C	N	30	N	<20	N	--	N	N	N	N	50	N	300
GP4050C	100	50	N	30	N	--	N	N	N	N	150	N	500
GP4053C	N	N	N	70	N	--	N	N	N	N	20	N	1,000
GP4054C	N	50	N	30	N	--	N	N	N	N	200	N	200
GP4055C	N	50	N	30	N	--	N	N	N	N	30	N	300
GP4056C	N	100	N	50	N	--	N	N	N	<.02	20	N	200
GP405GX	N	N	N	20	N	--	N	N	N	N	100	2	300
GP4063C	100	100	N	20	N	--	N	N	N	N	30	N	300
GP4064C	N	100	N	20	N	--	N	N	N	N	20	N	700
GP4065C	>20,000	150	N	20	N	--	N	N	N	N	20	N	300
GP4066C	700	100	N	20	N	--	N	N	N	N	50	N	500
GP702GX	N	N	N	20	N	--	N	N	N	.04	100	2	500
GP704GX	N	N	N	20	N	--	N	N	N	N	70	N	500
GX0003C	N	20	N	100	N	--	N	N	N	--	100	3	N
GX0025C	N	N	N	50	N	--	N	N	N	--	200	2	<200
GX0031C	N	N	N	30	N	--	N	N	N	--	150	<2	300

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Ba-ppm s	La-ppm s	Y-ppm s	Zr-ppm s	Th-ppm s	Nb-ppm s
GP4009C	200	150	500	>2,000	<200	N
GP4010C	150	200	700	>2,000	N	50
GP4011C	150	500	700	>2,000	200	N
GP4012C	100	500	1,000	>2,000	300	N
GP4013C	300	500	700	>2,000	300	N
GP4014C	300	200	300	>2,000	200	N
GP4015C	150	300	1,000	>2,000	300	N
GP4016C	100	300	1,000	>2,000	500	N
GP4017C	150	300	700	>2,000	<200	N
GP4018C	100	500	700	>2,000	200	N
GP4019C	150	100	500	>2,000	N	50
GP401GX	500	N	50	500	N	100
GP4024C	200	200	300	>2,000	N	N
GP4025C	100	150	300	>2,000	N	N
GP4026C	100	100	700	>2,000	N	70
GP4032C	300	50	300	>2,000	N	<50
GP4033C	300	50	200	>2,000	N	<50
GP4034C	2,000	N	100	>2,000	N	N
GP4035C	150	500	1,500	>2,000	N	100
GP4036C	150	500	1,500	>2,000	N	50
GP4037C	100	2,000	1,000	>2,000	N	150
GP4038C	100	2,000	1,000	>2,000	N	70
GP4039C	150	200	700	>2,000	N	70
GP403GX	300	N	150	700	N	100
GP4040C	300	2,000	500	>2,000	<200	70
GP4044C	150	300	700	>2,000	N	100
GP4046C	150	500	700	2,000	N	100
GP4047C	150	500	700	>2,000	N	N
GP4048C	200	150	500	>2,000	N	N
GP4049C	300	150	300	>2,000	N	N
GP4050C	2,000	200	500	>2,000	N	N
GP4053C	200	100	150	>2,000	N	N
GP4054C	200	N	300	300	N	200
GP4055C	100	100	300	500	N	300
GP4056C	200	100	500	700	N	200
GP405GX	300	200	200	>2,000	N	50
GP4063C	300	50	500	>2,000	N	100
GP4064C	700	1,000	700	>2,000	N	200
GP4065C	150	700	700	2,000	N	150
GP4066C	150	500	700	>2,000	N	100
GP702GX	500	N	70	1,000	N	50
GP704GX	500	N	200	2,000	N	70
GX0003C	50	N	150	>2,000	N	100
GX0025C	150	150	150	2,000	N	50
GX0031C	150	70	100	1,000	N	N

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Latitude	Longitude	Mg-pct. s	Ca-pct. s	Fe-pct. s	Ti-pct. s	Mn-ppm s	Cr-ppm s	Ni-ppm s	Co-ppm s	Cu-ppm s	Mo-ppm s
GX0208C	47 51 57	121 4 57	1.00	2.0	5.0	1.000	1,500	200	20	10	15	30
GX0227C	47 51 40	120 36 18	.50	7.0	2.0	>2.000	700	70	N	N	100	30
GX0254C	47 51 17	121 15 47	3.00	5.0	7.0	.500	3,000	300	70	20	20	N
GX0261C	47 56 8	120 33 59	1.50	3.0	5.0	1.000	1,000	100	20	15	70	N
GX0265C	47 59 45	120 35 53	1.50	3.0	3.0	.700	700	150	20	15	50	N
GX0275C	47 55 27	121 0 30	.30	3.0	5.0	>2.000	1,000	200	50	10	100	50
GX0408C	47 55 5	121 5 15	1.50	2.0	5.0	>2.000	1,500	300	50	15	50	N
GX0432C	47 59 32	120 57 47	1.00	5.0	5.0	>2.000	1,000	200	30	15	20	N
GX0434C	47 59 17	120 57 45	1.50	5.0	7.0	>2.000	2,000	200	70	15	15	N
GX0497C	47 54 46	120 42 43	2.00	5.0	15.0	1.000	>10,000	200	50	20	50	N
GX0705C	47 58 22	120 47 15	1.50	5.0	5.0	>2.000	1,000	150	30	30	150	10
GX1018C	47 55 47	120 52 47	1.00	5.0	1.5	>2.000	500	200	100	10	20	N
GX1077C	47 50 0	120 32 0	.50	10.0	2.0	>2.000	500	70	N	10	30	N
GX1079C	47 50 5	120 32 5	1.00	7.0	2.0	>2.000	500	100	20	10	15	N
GX1087C	47 46 7	121 9 30	1.00	5.0	1.5	2.000	500	70	20	N	30	N
GX1091C	47 49 20	121 10 50	1.50	2.0	2.0	.500	700	100	30	N	20	N
GX1093C	47 49 38	121 11 43	.70	7.0	2.0	>2.000	300	200	50	15	100	N
GX1097C	47 49 27	121 13 6	1.00	5.0	3.0	1.500	1,000	200	50	20	50	N
GX1122C	47 54 6	120 54 52	1.00	3.0	1.5	>2.000	200	500	100	10	30	N
GX1132C	47 54 10	121 8 45	1.50	5.0	3.0	2.000	700	300	70	10	20	N
GX1133C	47 54 0	121 8 56	2.00	7.0	7.0	2.000	1,500	500	200	20	100	N
GX1143C	47 53 45	121 4 32	2.00	3.0	7.0	2.000	3,000	300	150	20	70	N
GX1144C	47 55 52	120 58 10	2.00	3.0	10.0	2.000	5,000	300	70	20	70	N
GX1308C	47 53 30	121 13 40	3.00	5.0	10.0	2.000	5,000	300	100	30	100	N
GX1318C	47 54 20	121 5 5	1.50	5.0	5.0	>2.000	1,000	300	150	20	<10	20
K10CA	48 12 0	121 1 24	1.50	2.0	5.0	>2.000	700	200	20	15	100	50
K11CA	48 11 59	121 1 41	3.00	5.0	5.0	1.000	700	2,000	50	20	100	100
K13CA	48 8 10	120 56 58	3.00	10.0	5.0	>2.000	1,000	500	200	30	15	N
K14CA	48 8 9	120 56 50	1.50	10.0	3.0	>2.000	700	300	70	10	15	N
K15CA	48 8 12	120 56 51	2.00	10.0	3.0	>2.000	1,000	500	150	15	150	N
K16CA	48 7 57	120 56 38	2.00	7.0	3.0	>2.000	700	300	100	10	10	N
K18CA	48 7 23	120 55 49	1.50	7.0	5.0	>2.000	1,000	300	70	10	10	N
K19CA	48 7 10	120 55 12	1.00	3.0	3.0	>2.000	500	300	20	10	15	N
K1CA	48 11 54	120 56 24	.70	5.0	2.0	1.000	500	20	N	N	200	N
K20CA	48 7 4	120 54 58	1.00	2.0	2.0	>2.000	500	300	20	10	15	N
K21CA	48 6 58	120 54 26	1.00	5.0	3.0	>2.000	500	500	20	10	20	N
K22CA	48 6 37	120 53 50	1.50	7.0	3.0	>2.000	700	300	30	15	15	N
K24CA	48 6 34	120 54 57	2.00	7.0	5.0	N	700	300	100	20	15	N
K25CA	48 6 33	120 53 4	1.00	3.0	5.0	N	700	300	20	N	300	N
K2CA	48 11 48	120 56 54	5.00	5.0	15.0	1.000	3,000	30	50	150	200	30
K3CA	48 11 52	120 57 10	1.50	3.0	7.0	2.000	500	70	N	30	2,000	N
K4CA	48 11 50	120 57 20	1.50	3.0	5.0	2.000	300	500	20	70	1,500	10
K5CA	48 11 47	120 58 36	.10	.2	30.0	1.000	100	20	20	100	>50,000	2,000
K6CA	48 11 48	120 59 5	2.00	2.0	50.0	>2.000	500	700	100	200	>50,000	200
K7CA	48 11 54	120 59 28	3.00	5.0	7.0	>2.000	500	500	150	30	5,000	200

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	W-ppm s	Sn-ppm s	Bi-ppm s	Pb-ppm s	Ag-ppm s	Zn-ppm aa	Cd-ppm s	As-ppm s	Sb-ppm s	Hg-ppm inst	B-ppm s	Be-ppm s	Sr-ppm s
GX0208C	N	N	N	200	N	--	N	2,000	N	--	150	3	200
GX0227C	N	100	N	300	3.0	--	N	1,000	N	--	N	N	N
GX0254C	N	N	N	150	N	--	N	N	N	--	500	N	200
GX0261C	N	N	N	100	N	--	N	700	N	--	300	N	<200
GX0265C	N	N	N	100	N	--	N	N	N	--	20	N	200
GX0275C	N	<20	<20	300	2.0	--	N	500	N	--	150	N	300
GX0408C	N	N	N	30	N	--	N	N	N	--	300	N	<200
GX0432C	N	30	N	30	N	--	N	N	N	--	100	N	300
GX0434C	N	20	N	50	N	--	N	N	N	--	100	N	200
GX0497C	N	N	N	100	N	--	N	500	N	--	70	N	200
GX0705C	N	20	N	200	N	--	N	1,000	N	--	70	N	200
GX1018C	N	20	N	20	N	--	N	N	N	--	20	N	200
GX1077C	N	70	N	100	N	--	N	N	N	--	20	N	200
GX1079C	N	70	N	70	N	--	N	N	N	--	20	N	200
GX1087C	N	70	N	50	N	--	N	N	N	--	30	N	200
GX1091C	N	50	N	300	N	--	N	500	N	--	50	N	<200
GX1093C	N	N	N	50	N	--	N	N	N	--	1,000	3	200
GX1097C	N	70	N	200	N	--	N	N	N	--	100	N	200
GX1122C	N	30	N	50	N	--	N	N	N	--	150	N	300
GX1132C	N	N	N	70	N	--	N	N	N	--	500	N	300
GX1133C	N	N	N	20	N	--	N	N	N	--	700	N	200
GX1143C	N	N	N	20	N	--	N	N	N	--	500	N	200
GX1144C	N	N	N	70	N	--	N	N	N	--	200	N	<200
GX1308C	<100	50	N	20	N	--	N	N	N	--	300	N	<200
GX1318C	N	50	N	30	N	--	N	N	N	--	N	N	200
K10CA	500	150	N	70	N	--	N	N	N	--	1,000	2	300
K11CA	<100	30	N	50	N	--	N	N	N	--	100	N	300
K13CA	N	30	N	20	N	15	N	N	N	N	<20	N	500
K14CA	150	30	N	20	N	10	N	N	N	.02	70	N	500
K15CA	N	20	N	50	N	40	N	N	N	--	<20	N	500
K16CA	N	20	N	20	N	10	N	N	N	N	20	N	500
K18CA	N	30	N	20	N	10	N	N	N	N	200	N	500
K19CA	N	20	N	20	N	25	N	N	N	N	700	N	300
K1CA	100	50	200	70	20.0	--	N	N	N	--	20	N	1,000
K20CA	N	N	N	<20	N	15	N	N	N	N	500	N	500
K21CA	N	N	N	20	N	20	N	N	N	N	1,000	N	500
K22CA	N	20	N	30	N	5	N	N	N	--	300	N	500
K24CA	N	20	N	N	N	20	N	N	N	N	200	N	500
K25CA	N	20	N	<20	N	10	N	N	N	N	500	N	500
K2CA	>20,000	50	200	100	5.0	--	N	1,500	N	--	100	N	300
K3CA	2,000	50	>2,000	500	70.0	--	N	N	N	--	3,000	2	500
K4CA	2,000	50	200	50	5.0	--	N	500	N	--	2,000	N	500
K5CA	2,000	70	20	100	150.0	--	N	5,000	N	.12	500	N	N
K6CA	2,000	700	1,500	3,000	150.0	--	N	20,000	N	--	5,000	3	N
K7CA	700	100	300	100	5.0	--	N	N	N	--	3,000	N	300

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Ba-ppm s	La-ppm s	Y-ppm s	Zr-ppm s	Th-ppm s	Nb-ppm s
GX0208C	200	100	100	>2,000	N	N
GX0227C	<50	300	500	>2,000	N	100
GX0254C	200	70	100	>2,000	N	N
GX0261C	100	150	150	>2,000	N	N
GX0265C	70	N	70	>2,000	N	N
GX0275C	100	N	100	>2,000	N	70
GX0408C	100	70	70	1,000	N	100
GX0432C	50	N	100	>2,000	N	70
GX0434C	70	N	100	>2,000	N	70
GX0497C	50	N	200	>2,000	N	N
GX0705C	70	70	200	>2,000	N	50
GX1018C	50	50	150	1,000	N	150
GX1077C	100	150	200	>2,000	N	100
GX1079C	100	150	200	>2,000	N	100
GX1087C	200	N	700	>2,000	<200	N
GX1091C	100	N	150	>2,000	N	N
GX1093C	200	150	200	>2,000	N	<50
GX1097C	200	100	200	>2,000	N	<50
GX1122C	100	N	100	500	N	100
GX1132C	150	100	100	>2,000	N	70
GX1133C	150	150	200	>2,000	N	<50
GX1143C	150	50	150	1,500	N	70
GX1144C	100	N	150	1,000	N	100
GX1308C	100	500	200	>2,000	<200	N
GX1318C	50	150	500	>2,000	N	100
K10CA	300	500	300	>2,000	N	70
K11CA	500	N	100	>2,000	N	N
K13CA	150	100	200	700	N	200
K14CA	150	200	200	>2,000	N	200
K15CA	200	500	200	2,000	N	200
K16CA	150	200	200	2,000	N	200
K18CA	300	200	200	2,000	N	150
K19CA	700	200	100	2,000	N	150
K1CA	300	100	300	>2,000	700	N
K20CA	500	200	50	2,000	N	150
K21CA	700	200	150	1,000	N	150
K22CA	300	300	200	1,500	N	150
K24CA	300	200	150	700	N	150
K25CA	700	200	100	>2,000	N	150
K2CA	200	500	200	>2,000	N	N
K3CA	300	300	500	>2,000	500	N
K4CA	200	200	200	>2,000	300	<50
K5CA	200	50	100	700	N	<50
K6CA	500	300	300	>2,000	N	N
K7CA	300	200	500	>2,000	700	70

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Latitude	Longitude	Mg-pct. s	Ca-pct. s	Fe-pct. s	Ti-pct. s	Mn-ppm s	Cr-ppm s	Ni-ppm s	Co-ppm s	Cu-ppm s	Mo-ppm s
K8CA	48 11 57	120 59 47	1.00	5.0	3.0	2.000	500	150	50	10	2,000	30
K9CA	48 12 3	121 0 56	3.00	7.0	7.0	.700	1,000	1,000	30	20	200	20
L100CA	48 6 43	121 11 31	3.00	10.0	3.0	1.000	1,000	300	200	20	20	N
L101CA	48 1 18	121 6 48	1.50	7.0	7.0	>2.000	1,000	300	50	30	50	N
L102CA	48 1 48	121 4 47	1.50	20.0	5.0	>2.000	1,500	100	20	15	50	N
L103CA	48 1 51	121 3 46	1.00	15.0	5.0	>2.000	1,000	150	15	15	20	N
L104CA	48 0 47	121 2 15	1.00	5.0	5.0	>2.000	300	300	50	30	30	N
L105CA	48 1 33	121 0 1	1.00	10.0	5.0	>2.000	1,500	70	10	10	<10	N
L106CA	48 1 10	120 58 35	1.00	10.0	5.0	>2.000	1,500	150	10	10	15	N
L108CA	47 59 42	121 8 30	1.00	5.0	10.0	>2.000	700	200	100	100	100	N
L109CA	47 59 44	121 8 32	1.00	7.0	7.0	>2.000	1,000	300	70	50	200	N
L10CA	48 12 54	120 51 20	1.50	7.0	10.0	2.000	1,000	100	20	20	150	N
L110CA	47 59 52	121 8 18	1.50	5.0	5.0	>2.000	1,000	300	70	30	300	20
L111CA	47 59 54	121 8 29	1.00	7.0	5.0	>2.000	1,000	300	70	30	200	30
L113CA	48 1 35	121 10 1	2.00	3.0	3.0	>2.000	300	700	100	20	50	N
L114CA	48 0 29	121 10 15	5.00	5.0	5.0	>2.000	1,000	700	200	50	70	N
L117CA	48 8 23	121 13 15	3.00	10.0	5.0	>2.000	1,500	150	100	30	30	N
L118CA	48 7 28	121 14 53	10.00	10.0	5.0	>2.000	1,500	1,000	150	30	30	N
L119CA	48 7 10	121 12 15	1.50	20.0	3.0	>2.000	700	500	50	20	50	50
L11CA	48 13 0	120 50 41	1.00	7.0	10.0	1.000	1,500	30	10	20	70	N
L121CA	48 9 58	121 8 50	1.00	15.0	5.0	>2.000	1,000	200	30	15	50	N
L122CA	48 9 51	121 7 57	2.00	15.0	3.0	>2.000	1,000	200	100	20	50	N
L124CA	48 11 14	121 8 58	7.00	15.0	5.0	>2.000	1,500	1,000	500	50	10	N
L126CA	48 11 57	121 9 28	5.00	15.0	5.0	>2.000	1,500	500	200	30	<10	N
L127CA	48 12 42	121 9 56	3.00	15.0	5.0	>2.000	1,000	500	150	20	30	N
L128CA	48 13 34	121 10 19	1.00	7.0	2.0	>2.000	500	500	50	30	50	N
L129CA	48 13 57	121 10 46	1.00	10.0	3.0	>2.000	700	200	50	10	15	10
L12CA	48 12 35	120 49 13	3.00	7.0	7.0	>2.000	1,500	300	100	20	50	10
L13CA	48 12 28	120 48 18	5.00	10.0	7.0	2.000	1,500	500	100	20	30	N
L14CA	48 12 4	120 47 37	2.00	7.0	5.0	>2.000	1,000	200	20	15	70	N
L16CA	48 11 36	120 52 34	.70	7.0	2.0	>2.000	500	20	N	N	70	50
L17CA	48 9 3	120 46 55	1.50	10.0	5.0	>2.000	1,000	100	20	20	150	N
L18CA	48 9 5	120 46 59	1.00	10.0	5.0	>2.000	700	70	10	10	50	N
L19CA	48 9 4	120 46 22	2.00	7.0	7.0	>2.000	1,000	300	20	20	100	N
L1CA	48 10 38	120 53 38	1.50	10.0	15.0	1.000	1,000	100	100	200	2,000	20
L200CA	48 1 58	121 11 41	3.00	5.0	5.0	>2.000	1,000	700	150	30	20	N
L201CA	48 2 13	121 12 7	2.00	5.0	5.0	>2.000	1,500	300	70	30	30	N
L202CA	48 2 40	121 12 30	3.00	5.0	3.0	>2.000	500	700	200	20	50	N
L203CA	48 2 44	121 12 38	3.00	5.0	5.0	>2.000	700	700	200	20	30	N
L204CA	48 2 37	121 13 52	2.00	5.0	5.0	>2.000	700	500	200	20	30	N
L205CA	48 2 43	121 14 28	2.00	7.0	5.0	>2.000	1,000	300	100	20	100	N
L206CA	48 3 10	121 16 4	1.50	3.0	10.0	>2.000	700	300	100	150	100	20
L22CA	48 9 14	120 44 30	5.00	7.0	10.0	2.000	1,500	500	150	50	30	N
L23CA	48 9 22	120 43 42	2.00	10.0	5.0	>2.000	1,000	150	N	20	15	N
L24CA	48 9 16	120 43 18	1.00	10.0	18.0	>2.000	1,000	100	15	15	1,000	N

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	W-ppm s	Sn-ppm s	Bi-ppm s	Pb-ppm s	Ag-ppm s	Zn-ppm aa	Cd-ppm s	As-ppm s	Sb-ppm s	Hg-ppm inst	B-ppm s	Be-ppm s	Sr-ppm s
K8CA	700	20	20	300	N	--	N	N	N	--	300	N	500
K9CA	200	70	N	50	N	--	N	N	N	--	50	N	500
L100CA	N	N	N	N	N	--	N	N	N	--	1,000	N	500
L101CA	N	20	N	150	N	--	N	N	N	--	500	3	500
L102CA	N	<20	N	30	N	--	N	N	N	--	70	N	1,000
L103CA	N	N	N	30	N	--	N	N	N	--	300	N	1,000
L104CA	N	20	N	20	N	--	N	N	N	--	500	2	500
L105CA	N	N	N	20	N	--	N	N	N	--	20	N	2,000
L106CA	N	<20	N	50	N	--	N	N	N	--	200	N	2,000
L108CA	N	<20	N	100	3.0	--	N	N	N	--	700	N	200
L109CA	N	20	<20	100	3.0	--	N	N	N	--	1,000	N	200
L10CA	N	N	N	20	N	70	N	N	N	--	50	N	1,000
L110CA	N	20	N	70	2.0	--	N	N	N	--	700	<2	200
L111CA	N	20	<20	100	2.0	--	N	N	N	--	1,000	N	300
L113CA	N	N	N	N	N	--	N	N	N	--	300	N	N
L114CA	N	N	N	<20	N	--	N	N	N	--	500	N	300
L117CA	N	N	N	<20	N	--	N	N	N	--	100	N	1,000
L118CA	N	<20	N	50	N	--	N	N	N	--	1,000	N	500
L119CA	N	N	N	30	1.0	--	N	N	N	--	1,500	N	300
L11CA	N	N	N	50	N	90	N	N	N	--	100	N	1,000
L121CA	N	20	N	50	N	--	N	N	N	--	500	N	500
L122CA	N	30	N	70	N	--	N	N	N	--	30	N	500
L124CA	N	30	N	N	N	--	N	N	N	--	30	N	700
L126CA	N	20	N	50	N	--	N	N	N	--	200	N	1,000
L127CA	N	30	N	50	N	--	N	N	N	--	300	N	500
L128CA	N	30	N	20	1.0	--	N	N	N	--	200	N	500
L129CA	N	20	N	200	N	--	N	N	N	--	500	N	700
L12CA	N	N	N	150	N	280	N	N	N	--	500	N	500
L13CA	200	N	N	N	N	50	N	N	N	--	200	N	700
L14CA	<100	N	N	N	N	--	N	N	N	--	300	N	500
L16CA	N	50	N	50	N	20	N	N	N	--	100	N	700
L17CA	N	N	N	<20	N	--	N	N	N	--	30	N	700
L18CA	N	N	N	N	N	15	N	N	N	--	20	N	700
L19CA	<100	N	N	N	N	--	N	N	N	--	30	N	700
L1CA	N	30	<20	200	7.0	--	200	20,000	N	--	5,000	N	200
L200CA	N	N	N	20	N	--	N	N	N	--	500	N	300
L201CA	N	N	N	20	N	--	N	N	N	--	200	N	300
L202CA	N	N	N	<20	N	--	N	N	N	--	500	N	200
L203CA	N	N	N	<20	N	--	N	N	N	--	500	2	200
L204CA	N	N	N	<20	N	--	N	N	N	--	500	N	200
L205CA	N	N	N	20	N	--	N	N	N	--	200	N	300
L206CA	N	30	N	<20	N	--	N	500	N	--	300	N	N
L22CA	N	N	N	N	N	--	N	N	N	--	5,000	N	300
L23CA	N	50	N	N	N	--	N	N	N	--	500	N	300
L24CA	N	150	N	50	N	--	N	N	N	.06	20	N	500

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Ba-ppm s	La-ppm s	Y-ppm s	Zr-ppm s	Th-ppm s	Nb-ppm s
K8CA	700	200	150	>2,000	200	N
K9CA	300	200	100	>2,000	200	N
L100CA	700	500	150	>2,000	N	N
L101CA	700	70	100	>2,000	N	70
L102CA	300	50	100	500	N	50
L103CA	300	50	100	700	N	50
L104CA	1,000	50	30	300	N	70
L105CA	500	150	100	2,000	N	70
L106CA	500	200	100	>2,000	N	70
L108CA	2,000	500	150	1,000	N	100
L109CA	1,000	300	200	2,000	N	100
L10CA	700	N	50	2,000	N	N
L110CA	1,500	200	150	1,500	N	70
L111CA	1,000	300	150	2,000	N	100
L113CA	1,000	50	50	700	N	100
L114CA	1,000	150	100	1,000	N	100
L117CA	500	N	150	>2,000	N	50
L118CA	500	150	150	1,500	N	70
L119CA	300	300	300	2,000	N	100
L11CA	1,000	N	50	1,500	N	N
L121CA	300	100	300	>2,000	N	150
L122CA	500	200	200	>2,000	N	50
L124CA	200	500	200	2,000	N	200
L126CA	150	100	150	700	N	100
L127CA	100	50	200	2,000	N	100
L128CA	200	N	150	500	N	200
L129CA	150	N	100	500	N	100
L12CA	300	N	70	2,000	N	N
L13CA	300	70	100	2,000	N	<50
L14CA	200	50	100	>2,000	N	<50
L16CA	500	50	150	>2,000	N	<50
L17CA	500	70	100	>2,000	N	<50
L18CA	300	N	70	>2,000	N	N
L19CA	300	N	100	>2,000	N	N
L1CA	300	700	500	>2,000	N	<50
L200CA	500	200	100	1,000	N	200
L201CA	500	100	150	2,000	N	70
L202CA	500	150	70	500	N	70
L203CA	500	200	70	500	N	50
L204CA	500	100	70	500	N	70
L205CA	700	100	150	1,000	N	100
L206CA	500	N	100	>2,000	N	70
L22CA	200	150	150	>2,000	N	<50
L23CA	150	200	500	>2,000	N	150
L24CA	200	500	700	>2,000	N	150

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Latitude	Longitude	Mg-pct. s	Ca-pct. s	Fe-pct. s	Ti-pct. s	Mn-ppm s	Cr-ppm s	Ni-ppm s	Co-ppm s	Cu-ppm s	Mo-ppm s
L25CA	47 8 46	120 42 42	1.00	7.0	7.0	>2.000	2,000	70	N	10	30	N
L2CA	48 11 30	120 54 44	1.00	10.0	5.0	>2.000	700	50	N	50	7,000	N
L32CA	48 6 0	120 43 14	5.00	10.0	5.0	>2.000	1,000	500	100	20	50	N
L33CA	48 5 57	120 43 20	2.00	10.0	5.0	>2.000	1,000	200	50	20	100	N
L34CA	48 7 23	120 42 46	2.00	15.0	7.0	2.000	2,000	200	50	20	50	N
L35CA	48 7 14	120 42 54	5.00	10.0	7.0	>2.000	1,500	700	100	30	20	N
L36CA	48 7 37	120 42 38	1.50	7.0	3.0	>2.000	1,000	200	30	10	20	N
L37CA	48 8 7	120 42 38	1.50	10.0	7.0	>2.000	1,500	100	20	15	20	N
L38CA	48 11 19	120 58 16	1.50	15.0	3.0	>2.000	1,000	200	15	10	200	N
L39CA	48 11 19	121 0 16	1.50	7.0	5.0	>2.000	700	150	20	50	500	10
L3CA	48 11 40	120 54 47	1.50	.5	3.0	>2.000	700	100	N	30	50	N
L40CA	48 11 18	120 59 47	1.50	7.0	5.0	>2.000	700	150	30	30	1,000	10
L41CA	48 11 6	120 59 12	5.00	7.0	10.0	2.000	2,000	150	70	50	200	<10
L42CA	48 11 7	120 59 6	7.00	5.0	20.0	1.000	5,000	150	100	70	50	N
L43CA	48 11 17	120 59 18	1.50	10.0	5.0	>2.000	1,000	150	10	15	100	N
L44CA	48 6 59	121 0 35	3.00	7.0	5.0	.500	1,000	200	70	30	20	N
L45CA	48 6 54	121 0 28	7.00	7.0	10.0	1.000	2,000	300	200	50	20	N
L46CA	48 10 13	121 1 0	1.00	2.0	50.0	1.000	300	50	200	100	200	N
L53CA	48 16 27	121 2 8	1.50	7.0	2.0	>2.000	1,000	300	70	15	10	N
L54CA	48 16 28	121 2 21	1.50	10.0	2.0	>2.000	1,000	300	50	N	10	N
L55CA	48 17 0	121 1 19	.50	10.0	2.0	2.000	1,000	50	20	20	200	N
L56CA	48 17 8	121 2 24	2.00	15.0	5.0	>2.000	2,000	200	150	20	30	N
L60CA	48 16 33	121 7 46	5.00	7.0	5.0	>2.000	1,500	500	200	20	15	N
L63CA	48 7 55	120 52 55	2.00	3.0	5.0	>2.000	500	500	30	15	200	N
L65CA	48 8 37	120 53 45	.70	5.0	2.0	>2.000	500	300	20	10	20	N
L66CA	48 8 32	120 53 51	.50	7.0	1.5	>2.000	500	150	10	N	20	N
L68CA	48 8 12	120 53 28	.70	5.0	3.0	>2.000	500	300	15	15	20	N
L69CA	48 8 7	120 53 29	.70	5.0	2.0	>2.000	500	500	20	10	20	N
L6CA	48 12 8	120 53 40	.70	7.0	5.0	2.000	500	50	N	150	50,000	N
L71CA	48 1 40	121 7 0	.70	1.0	3.0	>2.000	300	500	30	20	50	N
L72CA	48 1 46	121 6 36	1.00	2.0	5.0	>2.000	300	500	20	20	30	N
L73CA	48 1 51	121 6 8	1.00	5.0	5.0	>2.000	700	300	30	20	50	N
L74CA	48 1 52	121 5 19	1.00	7.0	5.0	>2.000	700	300	30	20	100	N
L75CA	48 1 55	121 5 2	1.00	7.0	5.0	>2.000	700	300	20	20	100	N
L76CA	48 1 58	121 4 5	.50	5.0	3.0	>2.000	500	300	10	10	20	N
L77CA	48 1 52	121 3 14	1.00	7.0	5.0	>2.000	500	300	20	10	20	N
L78CA	48 1 47	121 2 11	.50	7.0	5.0	>2.000	1,000	70	10	N	20	N
L79CA	48 1 51	121 0 23	1.00	7.0	5.0	>2.000	1,000	150	20	10	<10	N
L7CA	48 12 19	120 53 16	.50	7.0	3.0	2.000	500	50	N	70	1,000	10
L80CA	48 1 43	120 59 59	1.00	7.0	7.0	>2.000	1,000	150	30	10	10	N
L81CA	48 1 31	120 59 10	2.00	5.0	5.0	>2.000	1,000	300	100	20	20	N
L82CA	48 3 18	121 8 59	1.00	2.0	3.0	>2.000	300	500	50	15	50	N
L83CA	48 4 0	121 9 15	1.00	2.0	2.0	>2.000	500	300	30	10	30	N
L84CA	48 4 32	121 9 19	1.50	5.0	5.0	>2.000	700	500	30	15	50	N
L85CA	48 5 10	121 9 45	1.00	3.0	3.0	>2.000	500	300	20	20	30	N

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	W-ppm s	Sn-ppm s	Bi-ppm s	Pb-ppm s	Ag-ppm s	Zn-ppm aa	Cd-ppm s	As-ppm s	Sb-ppm s	Hg-ppm inst	B-ppm s	Be-ppm s	Sr-ppm s
L25CA	N	30	N	100	N	30	N	N	N	.06	<20	N	500
L2CA	5,000	200	500	100	N	--	N	N	N	--	200	N	200
L32CA	N	20	N	20	N	20	N	N	N	.12	100	N	500
L33CA	N	N	N	N	N	--	N	N	N	.14	20	N	500
L34CA	N	N	N	<20	N	--	N	N	N	.24	200	N	700
L35CA	N	N	N	N	N	--	N	N	N	--	100	N	700
L36CA	N	20	N	<20	N	--	N	N	N	--	100	N	700
L37CA	150	N	N	<20	N	--	N	N	N	.02	100	N	700
L38CA	100	70	20	50	N	20	N	N	N	.06	5,000	2	500
L39CA	1,000	20	300	20	N	35	N	1,000	N	.04	5,000	2	300
L3CA	100	100	N	20	N	--	N	N	N	--	50	N	300
L40CA	1,000	20	150	30	N	25	N	700	N	--	5,000	2	300
L41CA	700	N	N	30	N	--	N	N	N	.02	500	N	300
L42CA	N	20	N	20	N	--	N	N	N	.08	1,500	N	200
L43CA	<100	20	20	30	N	20	N	N	N	N	5,000	2	300
L44CA	N	N	N	30	N	--	N	N	N	N	50	N	1,000
L45CA	N	N	N	N	N	--	N	N	N	--	150	N	500
L46CA	N	N	N	150	N	--	N	N	N	.02	70	N	300
L53CA	N	50	N	N	N	5	N	N	N	N	<20	N	200
L54CA	N	50	N	N	N	10	N	N	N	N	<20	N	200
L55CA	N	N	N	50	N	--	N	N	N	--	30	N	200
L56CA	N	30	N	200	N	--	N	N	N	--	50	N	200
L60CA	N	30	N	20	N	10	N	N	N	N	50	N	500
L63CA	N	30	N	N	N	25	N	N	N	--	2,000	N	200
L65CA	200	20	N	<20	N	20	N	N	N	N	700	N	300
L66CA	N	N	N	20	N	20	N	N	N	N	500	N	500
L68CA	N	20	N	50	N	--	N	N	N	--	200	N	500
L69CA	N	20	N	30	N	30	N	N	N	--	1,000	N	300
L6CA	1,000	50	100	5,000	15.0	--	N	20,000	N	--	200	N	500
L71CA	N	20	<20	20	N	20	N	N	N	N	200	N	300
L72CA	N	50	N	30	N	40	N	N	N	--	150	2	500
L73CA	N	20	N	30	N	30	N	N	N	N	200	N	500
L74CA	N	30	N	30	N	20	N	N	N	N	100	N	1,000
L75CA	N	20	N	30	N	20	N	N	N	N	100	N	1,000
L76CA	N	20	N	30	N	15	N	N	N	N	200	N	1,000
L77CA	N	N	N	20	N	15	N	N	N	N	70	N	1,000
L78CA	N	N	N	20	N	40	N	N	N	--	20	N	1,500
L79CA	N	N	N	20	N	5	N	N	N	N	<20	N	1,000
L7CA	300	70	300	700	10.0	--	N	N	N	--	30	N	500
L80CA	N	N	N	20	N	15	N	N	N	N	<20	N	1,000
L81CA	N	N	N	20	N	15	N	N	N	N	50	N	700
L82CA	N	30	N	20	N	20	<50	N	N	N	500	N	300
L83CA	N	N	N	N	N	50	N	N	N	--	300	N	200
L84CA	N	20	N	20	N	20	N	N	N	N	500	N	500
L85CA	N	20	N	20	N	15	N	N	N	--	200	N	500

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.--continuec

Sample	Ba-ppm s	La-ppm s	Y-ppm s	Zr-ppm s	Th-ppm s	Nb-ppm s
L25CA	200	300	500	>2,000	N	150
L2CA	300	500	300	>2,000	500	<50
L32CA	300	50	500	>2,000	N	<50
L33CA	500	200	300	>2,000	N	150
L34CA	500	N	150	1,500	N	<50
L35CA	500	100	150	>2,000	N	<50
L36CA	300	200	300	>2,000	N	50
L37CA	300	100	150	>2,000	N	50
L38CA	500	500	500	>2,000	N	50
L39CA	500	300	500	>2,000	N	<50
L3CA	500	500	300	>2,000	500	100
L40CA	500	300	500	>2,000	300	50
L41CA	200	500	300	>2,000	1,500	N
L42CA	200	700	150	1,000	N	N
L43CA	500	500	500	>2,000	N	50
L44CA	300	N	200	>2,000	N	N
L45CA	200	N	100	>2,000	N	N
L46CA	1,000	100	100	>2,000	N	N
L53CA	70	500	500	2,000	N	200
L54CA	150	300	500	2,000	N	200
L55CA	200	700	500	>2,000	200	N
L56CA	200	500	300	>2,000	N	100
L60CA	200	200	200	300	N	200
L63CA	700	70	100	700	N	100
L65CA	500	150	150	>2,000	N	150
L66CA	500	150	150	>2,000	N	70
L68CA	700	200	200	>2,000	N	70
L69CA	1,000	150	150	2,000	N	150
L6CA	200	300	300	>2,000	1,000	<50
L71CA	700	N	50	700	N	100
L72CA	700	N	50	2,000	N	200
L73CA	700	50	100	700	N	150
L74CA	500	50	100	700	N	150
L75CA	300	70	100	700	N	100
L76CA	200	100	100	1,000	N	150
L77CA	200	70	70	700	N	70
L78CA	200	150	100	>2,000	N	70
L79CA	150	150	150	>2,000	N	100
L7CA	200	700	500	>2,000	N	N
L80CA	200	100	100	700	N	50
L81CA	500	70	100	1,000	N	100
L82CA	300	100	100	1,000	N	200
L83CA	500	N	50	500	N	150
L84CA	500	70	70	700	N	100
L85CA	500	70	100	>2,000	N	150

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Latitude	Longitude	Mg-pct.	Ca-pct.	Fe-pct.	Ti-pct.	Mn-ppm	Cr-ppm	Ni-ppm	Co-ppm	Cu-ppm	Mo-ppm
			s	s	s	s	s	s	s	s	s	s
L86CA	48 5 36	121 10 4	2.00	3.0	3.0	>2.000	500	200	20	15	50	N
L87CA	48 6 1	121 10 20	1.50	5.0	2.0	1.000	500	200	N	15	15	N
L88CA	48 6 35	121 10 25	1.50	3.0	3.0	.300	500	200	30	15	700	20
L89CA	48 6 38	121 10 31	1.50	3.0	3.0	.700	500	200	N	15	30	N
L8CA	48 12 23	120 52 36	.50	3.0	2.0	>2.000	500	50	N	N	200	N
L90CA	48 7 11	121 11 25	7.00	3.0	20.0	1.500	5,000	150	100	100	100	N
L92CA	48 7 38	121 11 53	1.50	3.0	3.0	1.500	500	150	N	10	50	N
L93CA	48 8 39	121 13 42	5.00	3.0	10.0	>2.000	2,000	150	N	70	200	N
L94CA	48 8 53	121 13 54	1.50	5.0	3.0	1.000	700	100	N	20	50	N
L95CA	48 9 13	121 14 30	1.00	5.0	2.0	>2.000	500	150	N	N	30	N
L96CA	48 5 20	121 10 22	1.50	5.0	5.0	>2.000	500	500	30	20	70	N
L98CA	48 5 22	121 10 46	1.50	10.0	5.0	>2.000	700	500	20	20	50	N
L99CA	48 6 18	121 11 8	1.50	1.5	5.0	2.000	500	200	70	20	15	20
L9CA	48 12 38	120 51 52	.30	7.0	1.5	>2.000	500	20	N	N	200	N
S10CA	48 12 46	121 7 11	.30	10.0	3.0	>2.000	700	150	N	N	15	N
S12CA	48 12 48	121 7 30	.30	10.0	2.0	>2.000	700	100	N	N	10	N
S14CA	48 12 52	121 8 29	1.00	10.0	5.0	>2.000	1,000	300	50	10	70	N
S16CA	48 13 18	121 9 31	5.00	7.0	5.0	>2.000	1,500	700	500	50	50	N
S17CA	48 14 20	121 10 42	3.00	10.0	5.0	>2.000	1,000	700	200	30	20	N
S19CA	48 4 5	120 56 17	1.50	10.0	3.0	>2.000	1,000	200	20	20	30	N
S1CA	48 11 50	121 2 32	1.00	7.0	5.0	>2.000	1,000	150	10	50	20	100
S20CA	48 3 49	120 56 8	5.00	7.0	5.0	>2.000	1,500	700	500	50	200	N
S23CA	48 2 7	120 56 7	7.00	10.0	7.0	>2.000	1,500	500	300	30	20	N
S24CA	48 2 1	120 56 39	2.00	10.0	5.0	>2.000	1,500	300	150	20	30	N
S27CA	48 2 35	121 0 17	1.50	10.0	5.0	>2.000	1,000	200	70	20	100	N
S28CA	48 3 6	121 1 6	.50	20.0	2.0	>2.000	1,000	70	20	15	10	N
S2CA	48 11 58	121 2 51	.30	1.5	10.0	2.000	700	20	N	70	100	500
S30CA	48 3 46	121 1 10	.50	15.0	5.0	>2.000	1,000	70	30	15	10	N
S31CA	48 3 44	121 1 24	.70	15.0	2.0	>2.000	1,000	100	20	15	20	N
S5CA	48 12 17	121 3 55	.30	1.0	7.0	>2.000	1,000	20	N	70	20,000	2,000
S6CA	48 12 25	121 4 12	1.50	5.0	3.0	>2.000	1,500	70	50	15	20	200
S7CA	48 12 48	121 5 11	1.00	7.0	3.0	>2.000	1,000	200	30	N	200	70
S8CA	48 12 45	121 6 1	.50	10.0	3.0	>2.000	1,000	200	10	N	30	10
S9CA	48 12 43	121 6 29	.50	7.0	3.0	>2.000	1,000	300	N	N	10	10

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	W-ppm s	Sn-ppm s	Bi-ppm s	Pb-ppm s	Ag-ppm s	Zn-ppm aa	Cd-ppm s	As-ppm s	Sb-ppm s	Hg-ppm inst	B-ppm s	Be-ppm s	Sr-ppm s
L86CA	N	N	N	30	N	10	N	N	N	--	300	N	500
L87CA	N	N	N	N	N	N	N	N	N	--	70	2	1,000
L88CA	N	N	N	N	<1.0	15	N	1,000	N	--	<20	N	700
L89CA	N	N	N	N	N	--	N	N	N	--	20	N	1,000
L8CA	200	N	N	500	N	--	N	N	N	--	70	N	500
L90CA	N	20	N	N	N	15	N	N	N	--	20	N	200
L92CA	N	N	N	N	N	<5	N	N	N	--	70	N	1,000
L93CA	<100	N	N	N	N	10	N	N	N	--	70	N	500
L94CA	N	N	N	N	N	<5	N	N	N	N	50	N	700
L95CA	N	N	N	20	N	--	N	N	N	N	200	N	700
L96CA	N	30	N	30	N	--	N	N	N	--	200	N	300
L98CA	N	30	N	20	N	--	N	N	N	--	700	N	500
L99CA	N	N	N	N	N	5	N	N	N	--	100	N	200
L9CA	N	50	N	200	5.0	--	N	N	N	--	70	N	200
S10CA	N	50	N	30	N	25	N	N	N	N	<20	N	1,000
S12CA	N	50	N	<20	N	20	N	N	N	N	<20	N	700
S14CA	N	<20	N	20	N	30	N	N	N	N	<20	N	700
S16CA	N	N	N	<20	N	10	N	N	N	.02	70	N	500
S17CA	N	30	N	30	N	10	N	N	N	N	70	N	700
S19CA	N	30	N	30	N	--	N	N	N	--	50	N	500
S1CA	150	30	N	1,000	N	--	N	N	N	--	30	N	1,000
S20CA	N	20	N	20	N	--	N	N	N	--	30	N	500
S23CA	N	20	N	20	N	--	N	N	N	--	200	N	700
S24CA	N	20	N	30	N	--	N	N	N	--	50	N	500
S27CA	N	<20	N	30	N	--	N	N	N	--	70	N	700
S28CA	N	20	N	30	N	--	N	N	N	--	30	N	700
S2CA	N	100	50	50,000	150.0	--	150	N	N	--	20	N	300
S30CA	N	20	N	20	N	--	N	N	N	--	20	N	1,000
S31CA	N	20	N	<20	N	--	N	N	N	--	50	N	700
S5CA	100	30	100	7,000	200.0	--	>1,000	N	N	--	500	2	<200
S6CA	N	50	N	700	N	--	50	N	N	--	150	N	200
S7CA	N	50	N	200	3.0	280	N	N	N	N	100	N	300
S8CA	N	70	N	70	N	80	N	N	N	N	<20	N	500
S9CA	N	70	N	30	N	30	N	N	N	N	<20	N	500

Table 3. Analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness Study Area.--continued

Sample	Ba-ppm s	La-ppm s	Y-ppm s	Zr-ppm s	Th-ppm s	Nb-ppm s
L86CA	500	50	70	>2,000	N	50
L87CA	300	300	100	>2,000	N	N
L88CA	200	150	100	>2,000	N	N
L89CA	7,000	300	200	>2,000	N	N
L8CA	300	500	500	>2,000	200	N
L90CA	200	N	100	1,000	N	N
L92CA	500	N	70	>2,000	N	N
L93CA	300	50	200	>2,000	N	50
L94CA	300	200	100	>2,000	N	N
L95CA	500	150	100	>2,000	N	100
L96CA	500	150	100	2,000	N	100
L98CA	300	100	150	>2,000	N	150
L99CA	200	70	200	>2,000	N	N
L9CA	200	1,000	500	>2,000	N	N
S10CA	300	200	300	300	N	200
S12CA	200	200	200	300	N	150
S14CA	500	200	200	300	N	100
S16CA	200	50	100	500	N	150
S17CA	300	200	200	700	N	200
S19CA	1,000	100	200	2,000	N	150
S1CA	200	300	200	>2,000	700	70
S20CA	300	100	200	500	N	150
S23CA	300	100	150	300	N	100
S24CA	1,000	200	200	500	N	150
S27CA	500	150	150	1,000	N	100
S28CA	200	N	200	>2,000	N	100
S2CA	300	300	200	>2,000	N	50
S30CA	150	N	150	2,000	N	50
S31CA	150	50	200	>2,000	N	70
S5CA	150	500	50	>2,000	N	150
S6CA	200	700	200	>2,000	N	50
S7CA	150	300	300	1,000	N	150
S8CA	300	500	500	200	N	150
S9CA	300	300	500	300	N	200

Table 4. Mineralogy of some panned-concentrate samples from stream sediments from the Glacier Peak Wilderness study area.

Explanation for data for magnetic, heavy mineral fraction

*m-Silic--unidentified silicates (rock fragments-magnetic fraction)
-- none observed in mineral separate
1--mineral component abundant, >50% of the magnetic fraction
2--mineral component common, probably 20-50% of the magnetic fraction
3--mineral component is less than 10% of the magnetic fraction

Explanation for data for nonmagnetic, heavy mineral fraction

*Rk-frags.--rock fragments, generally mixtures of pyroxenes and amphiboles
-- none observed in mineral separate
2--trace component, only a few grains recognized
3--one of the common minerals present, probably less than 10% of the sample
4--a dominant mineral present, >20% of the sample
5--the dominant mineral present, >50% of the sample
6--the most abundant mineral present, >85% of the sample

Sample	Latitude	Longitude	Nonmagnetic, heavy mineral fraction								
			Pyrite Pyrrohite Arsenopyrite	Chalcopyrite Cuprite Bornite etc.	Molybdenite	Scheelite	Galena	Barite	Tourmaline	Epidote	Apatite
GP2000C	48 10 45	121 24 44	4	--	--	2	--	--	--	2	2
GP2001C	48 10 40	121 23 35	3	--	--	--	--	--	--	--	2
GP2002C	48 10 48	121 22 21	2	--	--	--	--	--	--	--	5
GP2003C	48 7 45	121 24 35	3	--	--	--	--	--	--	--	4
GP2004C	48 8 0	121 24 46	3	--	--	--	--	--	--	--	2
GP2005C	48 8 34	121 25 11	3	--	--	--	--	--	--	--	2
GP2006C	48 9 22	121 25 39	--	--	--	--	--	--	--	--	4
GP2007C	48 11 6	121 21 29	--	--	--	--	--	--	2	3	--
GP2008C	48 10 34	121 20 50	2	--	--	2	--	--	2	3	2
GP2009C	48 10 14	121 19 21	--	--	--	--	--	--	2	3	2
GP2010C	48 9 34	121 15 40	--	--	--	--	--	--	2	--	--
GP2011C	48 9 33	121 15 39	--	--	--	--	--	--	2	--	--
GP2012C	48 9 39	121 16 38	--	--	--	2	--	--	2	--	2
GP2013C	48 9 48	121 17 18	--	--	--	--	--	--	2	3	2
GP2014C	48 10 5	121 18 37	--	--	--	2	--	--	2	3	2
GP2015C	48 9 48	121 19 27	--	--	--	--	--	--	--	--	4
GP2016C	48 9 51	121 19 25	--	--	--	2	--	--	2	--	3
GP2017C	48 9 54	121 19 55	2	--	--	--	--	--	--	4	3
GP2018C	48 10 18	121 20 15	2	--	--	2	--	--	--	4	3
GP2019C	48 12 41	121 10 9	--	--	--	--	--	--	2	--	2
GP2020C	48 12 40	121 9 57	--	--	--	2	--	--	2	2	2
GP2021C	48 10 57	121 9 11	--	--	--	--	--	--	2	3	3
GP2022C	48 10 20	121 8 50	--	--	--	--	--	--	2	--	3
GP2023C	48 10 36	121 7 20	--	--	--	--	--	--	--	--	3
GP2024C	48 25 16	121 25 39	2	--	--	2	--	--	3	3	3
GP2026C	48 24 50	121 23 28	--	--	--	--	--	--	--	--	3
GP2027C	48 24 41	121 23 22	--	--	--	2	--	--	--	--	3
GP2029C	48 5 50	121 14 55	2	--	--	--	--	--	3	--	4
GP2030C	48 5 55	121 14 52	--	--	--	--	--	--	2	--	4
GP2031C	48 6 6	121 15 59	--	--	--	--	--	--	2	--	3
GP2032C	48 6 13	121 15 55	--	--	--	--	--	--	--	--	3
GP2033C	48 8 12	121 17 17	--	--	--	--	--	--	--	--	3
GP2034C	48 8 15	121 17 28	--	--	--	--	--	--	--	3	3
GP2036C	48 8 58	121 16 43	--	--	--	--	--	--	--	2	3
GP2037C	48 9 2	121 16 42	--	--	--	--	--	--	2	--	3

Table 4. Mineralogy of some panned-concentrate samples from stream sediments from the Glacier Peak Wilderness study area.

	Nonmagnetic, heavy mineral fraction--continued						Magnetic, heavy mineral fraction	
Sample	Sphene	Rutile	Zircon	Pyroxenes Amphiboles	Rk-frags.*	Kyanite Sillimanite	Garnet (Magnetic Fraction)	m-Silic.*
GP2000C	2	--	2	5	--	2	2	2
GP2001C	2	2	2	5	--	2	--	3
GP2002C	--	2	4	2	--	--	--	4
GP2003C	--	--	3	4	--	--	--	4
GP2004C	2	3	3	3	--	--	--	4
GP2005C	--	--	--	3	--	--	--	2
GP2006C	--	2	3	4	--	2	--	2
GP2007C	--	3	2	--	3	--	2	3
GP2008C	3	3	--	3	3	2	2	2
GP2009C	3	2	--	3	3	2	--	3
GP2010C	--	4	--	4	4	4	2	4
GP2011C	--	2	--	3	3	4	2	2
GP2012C	--	2	--	3	3	3	2	2
GP2013C	--	2	--	3	3	3	2	2
GP2014C	--	2	--	4	4	3	--	3
GP2015C	--	2	--	2	4	2	2	2
GP2016C	--	2	--	4	4	3	2	5
GP2017C	--	2	3	--	4	2	--	4
GP2018C	--	--	--	3	4	2	--	4
GP2019C	--	2	--	--	4	3	2	4
GP2020C	2	2	2	4	4	3	--	2
GP2021C	--	2	--	2	4	3	--	3
GP2022C	--	2	--	2	4	4	--	3
GP2023C	--	--	3	4	--	--	--	2
GP2024C	2	2	3	3	4	--	--	2
GP2026C	--	--	3	--	4	--	--	3
GP2027C	--	2	--	--	6	--	--	3
GP2029C	--	3	--	4	4	--	2	2
GP2030C	--	2	3	4	4	--	--	2
GP2031C	--	2	--	3	4	--	1	4
GP2032C	--	3	--	4	4	--	1	4
GP2033C	--	2	--	4	4	--	1	4
GP2034C	--	--	--	4	4	--	--	2
GP2036C	--	2	--	4	4	--	2	2
GP2037C	--	2	--	4	4	--	--	4

Table 4. Mineralogy of some panned-concentrate samples from stream sediments from the Glacier Peak Wilderness study area.--continued

Sample	Latitude	Longitude	Nonmagnetic, heavy mineral fraction								
			Pyrite Pyrrohite Arsenopyrite	Chalcopyrite Cuprite Bornite etc.	Molybdenite	Scheelite	Galena	Barite	Tourmaline	Epidote	Apatite
GP2038C	48 5 55	121 4 0	2	--	--	--	--	--	--	4	4
GP2039C	48 5 46	121 3 59	2	--	--	--	--	--	2	--	4
GP2040C	48 5 57	121 1 55	2	--	--	--	--	--	--	--	4
GP2041C	48 6 4	121 1 23	--	--	--	--	--	--	--	--	3
GP2042C	48 5 59	121 2 29	--	--	--	--	--	--	2	2	3
GP2043C	48 6 48	121 2 43	2	--	--	2	--	--	--	4	4
GP2044C	48 9 50	121 3 0	2	--	--	--	--	--	--	3	--
GP2045C	48 9 48	121 2 40	3	--	--	--	--	--	--	3	2
GP2046C	48 9 56	121 23 12	3	--	--	--	--	--	--	--	--
GP2047C	48 9 58	121 23 12	--	--	--	--	--	--	--	2	2
GP2048C	48 8 24	121 20 50	--	--	--	--	--	--	--	3	3
GP2049C	48 8 21	121 20 47	2	--	--	--	--	--	--	3	4
GP2050C	48 7 35	121 20 40	3	--	--	--	--	--	--	3	4
GP2051C	48 7 55	121 16 35	--	--	--	--	--	--	--	--	4
GP2052C	48 11 51	121 17 17	2	--	--	--	--	--	2	2	--
GP2053C	48 11 50	121 17 20	2	--	--	--	--	--	2	--	5
GP2054C	48 11 43	121 13 59	--	--	--	--	--	--	2	--	2
GP2055C	48 11 42	121 13 51	--	--	--	--	--	--	3	--	2
GP2056C	48 8 9	121 15 12	--	--	--	--	--	--	3	--	3
GP2057C	48 8 10	121 15 17	--	--	--	--	--	--	3	--	3
GP2058C	48 11 10	121 13 40	--	--	--	--	--	--	2	--	2
GP2059C	48 11 17	121 13 25	--	--	--	--	--	--	2	--	2
GP2060C	48 10 8	121 4 28	4	--	--	--	--	--	--	4	4
GP2061C	48 10 8	121 4 9	2	--	--	--	--	--	--	--	5
GP2062C	48 12 9	121 19 30	--	--	--	--	--	--	--	4	2
GP2063C	48 20 5	121 9 41	2	--	--	2	--	--	--	--	--
GP2064C	48 20 7	121 9 36	--	--	--	--	--	--	--	--	--
GP2065C	48 19 47	121 9 25	--	--	--	--	--	--	--	--	2
GP2066C	48 19 43	121 9 15	--	--	--	--	--	--	--	--	3
GP2067C	48 19 11	121 9 41	2	--	--	--	--	--	--	--	--
GP2068C	48 18 43	121 10 24	2	--	--	--	--	--	--	--	2
GP2069C	48 18 19	121 11 12	--	--	--	--	--	--	--	--	4
GP2070C	48 17 32	121 12 0	--	--	--	--	--	--	--	--	4
GP2071C	48 9 5	121 4 33	4	--	--	--	--	3	--	--	3
GP2072C	48 9 25	121 5 10	--	--	--	--	--	--	--	--	3
GP2073C	48 2 27	121 3 2	--	--	--	--	--	--	--	--	4
GP2074C	48 1 36	121 1 33	--	--	--	--	--	--	--	--	3
GP2075C	48 6 38	121 2 0	--	--	--	--	--	--	2	--	4
GP2076C	48 7 32	121 2 22	2	--	--	--	--	--	--	--	6
GP2077C	48 12 11	121 4 31	4	--	--	--	--	--	--	5	--
GP2078C	48 12 32	121 7 44	2	--	--	2	--	--	--	--	2
GP2079C	48 18 13	121 5 11	2	--	--	--	--	--	--	--	2
GP2080C	48 15 12	121 5 33	--	--	--	--	--	--	--	--	2
GP2081C	48 16 38	121 4 24	--	--	--	--	--	--	--	--	2
GP2082C	48 16 56	121 6 9	--	--	--	--	--	--	--	--	3

Table 4.--Mineralogy of some panned-concentrate samples from stream sediments from the Glacier Peak Wilderness study area.--continued

Sample	Nonmagnetic, heavy mineral fraction--continued						Magnetic, heavy mineral fraction	
	Sphene	Rutile	Zircon	Pyroxenes Amphiboles	Rk-frags.*	Kyanite Sillimanite	Garnet (Magnetic Fraction)	m-Silic.*
GP2038C	--	--	--	4	--	--	--	2
GP2039C	--	2	--	4	3	2	--	2
GP2040C	--	2	--	3	3	--	--	2
GP2041C	3	2	--	2	--	--	--	4
GP2042C	--	2	--	3	3	--	--	4
GP2043C	--	2	--	4	4	--	--	4
GP2044C	--	--	--	--	4	--	--	2
GP2045C	--	--	--	4	4	--	--	3
GP2046C	--	--	--	4	--	--	--	5
GP2047C	--	--	3	4	4	--	--	4
GP2048C	--	2	3	4	4	--	--	1
GP2049C	--	2	3	4	4	--	--	2
GP2050C	--	--	3	--	4	--	--	2
GP2051C	--	2	3	4	4	--	--	3
GP2052C	--	3	--	4	4	3	1	4
GP2053C	--	2	2	2	2	3	--	1
GP2054C	2	2	--	--	--	6	--	3
GP2055C	--	4	--	--	--	5	--	2
GP2056C	--	3	--	3	3	3	--	4
GP2057C	--	4	--	3	3	3	1	2
GP2058C	--	2	--	2	--	6	--	2
GP2059C	--	2	--	--	--	6	--	2
GP2060C	--	--	2	2	--	--	--	2
GP2061C	--	--	2	2	--	--	--	4
GP2062C	--	2	--	2	5	--	--	2
GP2063C	--	2	--	6	--	--	--	3
GP2064C	6	--	--	2	2	--	--	3
GP2065C	5	2	--	2	2	--	--	2
GP2066C	2	3	3	4	--	--	--	2
GP2067C	4	--	4	4	--	--	--	5
GP2068C	5	2	4	4	--	--	--	2
GP2069C	5	--	2	4	--	--	--	4
GP2070C	5	2	2	4	--	--	--	4
GP2071C	--	--	3	3	--	--	--	5
GP2072C	--	--	3	3	--	--	4	2
GP2073C	3	3	--	3	--	--	--	3
GP2074C	--	3	--	3	--	2	--	2
GP2075C	--	2	--	2	--	--	--	2
GP2076C	--	--	2	2	--	--	--	2
GP2077C	--	--	--	--	--	--	--	2
GP2078C	6	--	--	3	--	--	--	3
GP2079C	2	2	--	3	--	--	--	2
GP2080C	6	--	--	--	2	--	--	4
GP2081C	6	--	--	2	2	--	--	3
GP2082C	--	2	3	3	3	--	--	2

Table 4. Mineralogy of some panned-concentrate samples from stream sediments from the Glacier Peak Wilderness study area.--continued

Sample	Latitude	Longitude	Nonmagnetic, heavy mineral fraction								
			Pyrite Pyrrohite Arsenopyrite	Chalcopyrite Cuprite Bornite etc.	Molybdenite	Scheelite	Galena	Barite	Tourmaline	Epidote	Apatite
GP2083C	48 16 45	121 6 1	--	--	--	--	--	--	--	--	--
GP2084C	48 15 52	121 1 32	--	--	--	--	--	--	--	--	2
GP2085C	48 16 29	121 2 5	2	--	--	--	--	2	--	--	2
GP2086C	48 14 35	120 44 56	--	--	--	3	--	--	--	--	2
GP2087C	48 15 0	120 44 48	--	--	--	3	--	--	--	--	2
GP2088C	48 15 32	120 44 43	2	--	--	--	--	--	--	--	3
GP2089C	48 15 55	120 44 27	4	--	--	3	--	--	--	--	3
GP2090C	48 15 52	120 44 24	3	--	--	--	--	--	--	--	2
GP2091C	48 13 13	121 12 11	--	--	--	2	--	--	--	--	3
GP2092C	48 8 4	121 3 7	6	--	--	--	--	--	--	--	--
GP2093C	48 10 27	121 2 8	3	--	--	--	--	--	--	2	3
GP2094C	48 10 54	121 3 8	3	--	--	--	--	--	--	2	3
GP2095C	48 11 57	121 3 59	2	--	--	--	--	--	--	--	3
GP2096C	48 20 57	121 9 49	--	--	--	--	--	--	--	--	--
GP2097C	48 20 55	121 9 55	--	--	--	3	--	--	--	--	3
GP2098C	48 20 33	121 9 38	--	--	--	--	--	--	--	--	3
GP2099C	48 20 44	121 5 25	2	--	--	--	--	--	--	--	2
GP2100C	48 20 48	121 6 20	--	--	--	--	--	--	--	--	3
GP2101C	48 20 48	121 6 26	--	--	--	--	--	--	--	--	3
GP2102C	48 20 31	121 6 30	--	--	--	--	--	--	--	--	3
GP2103C	48 20 30	121 6 46	2	--	--	--	--	--	--	--	4
GP2104C	48 22 40	121 11 34	2	--	--	2	--	--	--	--	2
GP2105C	48 22 42	121 11 40	2	--	--	2	--	--	--	--	2
GP2106C	48 23 18	121 11 45	2	--	--	2	--	--	--	--	2
GP2107C	48 23 20	121 11 55	3	--	2	3	--	--	--	--	3
GP2108C	48 10 47	120 46 51	2	--	--	--	--	--	--	--	4
GP2109C	48 10 47	120 46 46	--	--	--	2	--	--	--	--	4
GP2111C	48 15 36	120 51 13	3	2	--	2	--	2	--	--	3
GP2112C	48 15 32	120 51 11	2	--	--	--	--	--	--	2	5
GP2113C	48 19 2	120 46 56	--	--	--	--	--	--	--	--	4
GP2114C	48 19 12	120 46 51	--	--	--	--	--	--	--	--	4
GP2115C	48 10 30	120 42 32	--	--	--	2	--	--	--	--	4
GP2116C	48 11 20	120 49 5	--	--	--	--	--	--	--	--	4
GP2117C	48 14 3	120 50 5	--	--	--	--	--	--	--	--	6
GP2118C	48 13 4	120 49 3	2	2	--	--	--	--	--	--	--
GP2119C	48 13 24	120 49 13	--	--	--	--	--	--	--	--	2
GP2120C	48 13 24	120 49 25	--	--	--	--	--	--	--	--	5
GP2122C	48 18 33	120 51 54	2	--	--	--	--	--	--	--	3
GP2124C	48 18 35	120 52 3	2	--	--	2	--	--	--	--	4
GP2125C	48 21 5	120 54 21	2	--	2	4	--	--	--	--	--
GP2126C	48 21 36	120 53 21	2	--	2	2	--	--	--	--	2
GP2127C	48 22 17	120 54 40	2	--	--	2	--	--	--	--	4
GP2128C	48 23 3	121 1 26	3	--	--	3	--	--	--	--	3
GP2129C	48 23 2	121 1 23	5	--	--	2	--	--	--	--	3
GP2130C	48 25 2	120 56 40	--	--	--	2	--	--	--	--	4

Table 4.--Mineralogy of some panned-concentrate samples from stream sediments from the Glacier Peak Wilderness study area.--continued

Sample	Nonmagnetic, heavy mineral fraction--continued						Magnetic, heavy mineral fraction	
	Sphene	Rutile	Zircon	Pyroxenes Amphiboles	Rk-frags.*	Kyanite Sillimanite	Garnet (Magnetic Fraction)	m-Silic.*
GP2083C	6	--	--	--	3	--	--	2
GP2084C	5	--	--	2	2	--	--	3
GP2085C	--	--	4	3	--	--	--	1
GP2086C	--	--	--	2	3	--	--	2
GP2087C	--	--	--	--	6	--	--	5
GP2088C	3	--	3	--	3	--	--	4
GP2089C	--	--	3	--	3	--	--	2
GP2090C	--	--	--	--	6	--	--	4
GP2091C	--	5	--	--	--	--	2	2
GP2092C	--	--	--	--	--	--	--	2
GP2093C	3	--	2	--	3	--	--	3
GP2094C	--	--	--	--	3	--	--	4
GP2095C	3	--	--	--	2	--	--	4
GP2096C	6	--	--	--	--	--	--	3
GP2097C	6	--	--	--	2	--	--	2
GP2098C	6	--	--	--	2	--	--	2
GP2099C	--	--	2	2	--	--	--	2
GP2100C	3	2	2	2	--	--	--	1
GP2101C	3	2	--	3	3	--	--	4
GP2102C	--	2	4	2	4	--	--	2
GP2103C	4	2	4	2	3	--	--	5
GP2104C	6	2	2	2	2	--	--	2
GP2105C	6	--	2	--	2	--	--	1
GP2106C	6	--	2	--	2	--	--	1
GP2107C	3	2	2	3	3	--	--	1
GP2108C	2	2	--	4	--	--	--	5
GP2109C	--	2	--	4	2	--	--	5
GP2111C	--	--	--	--	4	--	--	5
GP2112C	--	2	2	2	2	--	--	4
GP2113C	4	2	2	2	4	--	--	4
GP2114C	2	3	2	2	4	--	--	3
GP2115C	4	--	3	3	3	--	--	5
GP2116C	--	--	3	2	4	--	--	5
GP2117C	--	2	2	--	--	--	--	5
GP2118C	--	2	--	--	4	--	--	4
GP2119C	--	2	--	2	4	--	--	3
GP2120C	--	2	2	--	2	--	--	5
GP2122C	3	--	--	3	3	--	--	3
GP2124C	2	2	3	2	4	--	--	5
GP2125C	--	2	2	--	3	--	--	1
GP2126C	4	--	3	--	4	--	--	1
GP2127C	--	--	3	--	5	--	--	3
GP2128C	2	2	2	--	4	--	--	4
GP2129C	--	--	--	--	4	--	--	4
GP2130C	4	2	--	2	--	--	--	4

Table 4. Mineralogy of some panned-concentrate samples from stream sediments from the Glacier Peak Wilderness study area.--continued

Sample	Latitude	Longitude	Nonmagnetic, heavy mineral fraction								
			Pyrite Pyrrohite Arsenopyrite	Chalcopyrite Cuprite Bornite etc.	Molybdenite	Scheelite	Galena	Barite	Tourmaline	Epidote	Apatite
GP2131C	48 25 28	120 54 40	2	--	--	2	--	--	--	--	4
GP2132C	48 25 43	120 54 48	2	--	--	--	--	--	--	--	4
GP2135C	48 24 55	120 59 23	2	--	--	--	--	--	--	--	4
GP2136C	48 24 56	120 59 10	2	--	--	--	--	--	2	--	4
GP2137C	48 24 11	120 58 31	2	--	--	--	--	--	2	--	2
GP2138C	48 24 0	120 58 58	2	--	--	3	--	--	--	--	3
GP2139C	48 13 14	120 37 15	--	--	--	--	--	--	2	--	5
GP2140C	48 14 0	120 37 40	--	--	--	--	--	--	--	--	5
GP2141C	48 15 38	120 37 57	2	--	--	--	--	--	2	--	5
GP2142C	48 16 15	120 38 32	--	--	--	--	--	--	--	--	4
GP2143C	48 16 26	120 38 41	2	--	--	--	--	--	--	--	4
GP2144C	48 17 16	120 39 21	2	--	--	--	--	--	--	--	4
GP2145C	48 19 19	121 15 18	--	--	--	--	--	--	--	--	3
GP2149C	48 21 56	121 19 14	--	--	--	--	--	--	--	--	5
GP2150C	48 21 10	121 20 8	--	--	--	--	--	--	--	--	4
GP2151C	48 19 55	121 16 55	2	--	--	--	--	--	--	--	3
GP2152C	48 19 7	121 8 22	--	--	--	--	--	--	--	--	4
GP2153C	48 20 16	121 7 16	--	--	--	--	--	--	--	--	3
GP2154C	48 20 19	121 7 12	--	--	--	--	--	--	--	--	--
GP2155C	48 16 52	121 4 35	--	--	--	--	--	--	--	--	4
GP2156C	48 16 48	121 4 37	--	--	--	--	--	--	--	--	5
GP2157C	48 26 10	121 3 41	--	--	--	--	--	--	--	--	5
GP2158C	48 26 13	121 3 40	3	--	--	--	--	--	--	--	4
GP2160C	48 26 32	121 4 13	4	--	--	2	--	--	--	--	5
GP2161C	48 26 39	121 4 59	2	--	--	--	--	--	--	--	4
GP2162C	48 26 33	121 5 14	--	--	--	--	--	--	--	--	2
GP2163C	48 26 35	121 5 40	--	--	--	2	--	--	--	--	2
GP2164C	48 26 18	121 6 5	2	--	--	2	--	--	--	--	--
GP2165C	48 2 11	121 5 59	--	--	--	--	--	--	--	--	3
GP2166C	48 6 15	120 44 12	3	--	--	--	--	--	--	--	5
GP2167C	48 6 41	120 42 59	--	--	--	2	--	--	--	--	4
GP2168C	48 18 27	120 44 12	--	--	--	--	--	--	--	--	4
GP2169C	48 28 42	121 20 11	--	--	--	--	--	--	--	--	2
GP2170C	48 28 42	121 20 8	--	--	--	--	--	--	--	--	--
GP2171C	48 29 26	121 20 59	--	--	--	--	--	--	--	--	2
GP2172C	48 29 33	121 21 5	--	--	--	--	--	--	--	--	--
GP2173C	48 29 54	121 21 25	2	--	--	2	--	--	--	--	--
GP2174C	48 25 28	121 15 51	4	--	--	--	--	--	--	--	5
GP2175C	48 25 21	121 15 44	--	--	--	--	--	--	--	--	5
GP2176C	48 26 36	121 16 9	--	--	--	--	--	--	--	--	--
GP2177C	48 25 21	121 22 20	--	--	--	--	--	--	--	--	2
GP2178C	48 27 32	121 18 30	--	--	--	--	--	--	--	--	3
GP2179C	48 27 0	121 21 6	--	--	--	--	--	--	--	--	3
GP2180C	48 29 10	121 16 55	2	--	--	--	--	--	--	--	4
GP2181C	48 26 31	121 6 16	--	--	--	--	--	--	--	--	--

Table 4.--Mineralogy of some panned-concentrate samples from stream sediments from the Glacier Peak Wilderness study area.--continued

Sample	Nonmagnetic, heavy mineral fraction--continued						Magnetic, heavy mineral fraction	
	Sphene	Rutile	Zircon	Pyroxenes Amphiboles	Rk-frags.*	Kyanite Sillimanite	Garnet (Magnetic Fraction)	m-Silic.*
GP2131C	4	--	2	--	4	2	--	2
GP2132C	4	4	--	2	2	--	--	1
GP2135C	4	2	--	2	4	--	--	4
GP2136C	--	2	--	3	3	2	--	5
GP2137C	--	2	--	--	5	--	--	3
GP2138C	--	3	--	--	4	--	--	2
GP2139C	4	--	2	2	--	--	--	4
GP2140C	--	2	2	--	3	--	--	5
GP2141C	2	--	--	2	--	--	--	4
GP2142C	4	2	--	--	--	--	--	5
GP2143C	4	--	--	--	--	--	--	3
GP2144C	2	--	--	--	2	--	--	3
GP2145C	5	3	--	--	4	--	--	2
GP2149C	--	3	4	2	--	--	--	2
GP2150C	4	2	--	--	3	--	--	4
GP2151C	5	3	2	--	4	--	--	3
GP2152C	4	2	--	3	3	--	--	3
GP2153C	--	--	--	3	3	--	--	2
GP2154C	4	2	5	2	2	--	--	3
GP2155C	2	--	5	2	2	--	--	2
GP2156C	5	--	--	--	--	--	--	2
GP2157C	--	2	--	2	3	--	--	3
GP2158C	--	2	--	2	4	--	--	2
GP2160C	--	2	--	--	3	--	--	2
GP2161C	--	2	--	--	4	--	--	2
GP2162C	--	--	--	2	4	--	--	5
GP2163C	--	2	--	2	4	--	--	3
GP2164C	--	--	--	--	6	--	--	5
GP2165C	--	3	--	3	3	--	--	5
GP2166C	2	4	--	--	--	--	--	5
GP2167C	4	--	4	--	4	--	--	2
GP2168C	4	--	--	--	3	--	--	5
GP2169C	--	--	2	--	--	--	--	2
GP2170C	--	2	2	--	--	--	--	1
GP2171C	--	2	2	--	2	--	--	1
GP2172C	--	2	2	--	2	--	--	2
GP2173C	--	2	2	--	--	--	--	4
GP2174C	2	--	2	--	--	--	--	1
GP2175C	--	--	--	--	4	--	--	3
GP2176C	2	2	--	--	--	--	--	1
GP2177C	4	2	--	--	--	--	--	4
GP2178C	4	--	3	--	--	--	--	1
GP2179C	3	--	3	--	--	--	--	2
GP2180C	--	2	2	--	5	--	--	1
GP2181C	--	4	--	2	4	--	--	5

Table 4. Mineralogy of some panned-concentrate samples from stream sediments from the Glacier Peak Wilderness study area.--continued

Sample	Latitude	Longitude	Nonmagnetic, heavy mineral fraction								
			Pyrite Pyrrohite Arsenopyrite	Chalcopyrite Cuprite Bornite etc.	Molybdenite	Scheelite	Galena	Barite	Tourmaline	Epidote	Apatite
GP2182C	48 26 21	121 6 10	2	--	--	--	--	--	--	--	3
GP2183C	48 26 25	121 6 11	--	--	--	2	--	--	--	--	5
GP2184C	48 25 29	121 5 12	2	--	--	2	--	--	--	--	--
GP2185C	48 23 50	121 6 38	2	--	--	2	--	--	--	--	--
GP2186C	48 23 45	121 6 48	2	--	--	--	--	--	--	--	--
GP2187C	48 22 55	121 13 6	4	--	--	3	--	--	--	--	4
GP2188C	48 22 53	121 9 43	--	--	--	2	--	--	--	--	3
GP2189C	48 23 52	121 11 24	5	--	2	2	--	--	--	--	3
GP2190C	48 25 56	121 12 22	2	--	--	2	--	--	2	--	2
GP2191C	48 24 22	121 8 35	--	--	--	--	--	--	--	--	4
GP2192C	48 24 15	121 8 48	2	--	--	--	--	--	--	--	2
GP2193C	48 24 17	121 8 48	3	--	--	2	--	--	--	--	4
GP2194C	48 27 37	121 10 34	--	--	--	--	--	--	--	--	2
GP2196C	48 22 17	121 5 5	--	--	--	--	--	--	2	--	3
GP2197C	48 22 11	121 5 5	--	--	--	--	--	--	--	--	4
GP2198C	48 27 29	121 2 14	--	--	--	--	--	--	--	--	5
GP2199C	48 27 36	121 2 33	--	--	--	--	--	--	--	--	5
GP2200C	48 20 21	121 1 30	--	--	--	--	--	--	--	--	4
GP2201C	48 21 39	121 0 15	--	--	--	--	--	--	--	--	2
GP2202C	48 25 12	121 0 20	2	--	--	--	--	2	--	--	3
GP2204C	48 23 19	120 52 36	--	--	--	--	--	--	--	--	5
GP2205C	48 22 33	121 2 18	2	--	--	--	--	--	--	--	5
GP2206C	48 23 0	121 0 51	--	--	--	2	--	--	--	--	3
GP2207C	48 23 19	121 3 9	--	--	--	2	--	--	--	--	3
GP2208C	48 26 59	120 59 22	2	--	--	--	--	--	--	--	5
GP2209C	48 24 17	121 12 0	--	--	--	--	--	--	--	--	2
GP2210C	48 25 50	121 20 27	--	--	--	--	--	--	--	--	3
GP2211C	48 22 8	121 22 59	2	--	--	--	--	--	--	--	2
GP2501C	48 15 49	120 47 27	2	--	--	2	--	--	--	2	4
GP2503C	48 16 9	120 47 22	2	--	--	--	--	--	--	2	4
GP2504C	48 16 11	120 47 25	2	--	--	--	--	--	--	--	4
GP2506C	48 17 11	120 47 34	2	--	--	--	--	--	--	--	4
GP2507C	48 17 34	120 47 51	2	--	--	--	--	--	--	3	4
GP2508C	48 18 32	120 47 18	--	--	--	2	--	--	--	--	4
GP2509C	48 13 18	120 56 3	--	--	--	--	--	--	2	2	4
GP2510C	48 13 18	120 56 0	3	2	2	--	--	--	2	--	4
GP2511C	48 13 28	120 55 33	2	--	--	3	--	--	--	--	4
GP2512C	48 23 27	121 19 31	3	--	--	2	--	--	--	--	5
GP2513C	48 23 48	121 20 5	3	--	--	--	--	--	--	--	3
GP2514C	48 23 59	121 20 12	4	--	--	2	--	--	--	--	4
GP2516C	48 24 0	121 20 30	--	--	--	--	--	--	--	--	5
GP2517C	48 24 15	121 20 58	3	--	--	--	--	--	--	--	5
GP2518C	48 24 42	121 21 43	3	--	--	--	--	--	--	--	5
GP2519C	48 15 19	120 49 49	2	--	--	--	--	--	--	--	2
GP2520C	48 15 19	120 49 53	--	--	--	--	--	--	--	--	3

Table 4.--Mineralogy of some panned-concentrate samples from stream sediments from the Glacier Peak Wilderness study area.--continued

Sample	Nonmagnetic, heavy mineral fraction--continued						Magnetic, heavy mineral fraction	
	Sphene	Rutile	Zircon	Pyroxenes Amphiboles	Rk-frags.*	Kyanite Sillimanite	Garnet (Magnetic Fraction)	m-Silic.*
GP2182C	--	4	--	--	4	--	--	3
GP2183C	--	3	--	--	--	--	--	1
GP2184C	3	3	--	2	4	--	--	1
GP2185C	--	2	2	--	4	--	--	2
GP2186C	3	--	--	2	4	--	--	2
GP2187C	--	2	5	2	2	--	--	1
GP2188C	5	--	3	--	3	--	--	2
GP2189C	3	--	--	2	--	--	--	4
GP2190C	6	2	2	2	--	--	--	1
GP2191C	5	2	--	--	4	--	--	2
GP2192C	6	--	--	2	2	--	--	2
GP2193C	4	2	--	2	3	--	--	3
GP2194C	2	4	--	--	4	--	--	4
GP2196C	3	--	3	2	3	--	--	4
GP2197C	5	2	--	2	--	--	--	3
GP2198C	--	4	--	--	4	--	--	2
GP2199C	--	4	--	2	--	--	--	5
GP2200C	5	2	--	2	--	--	--	4
GP2201C	--	2	2	--	3	--	--	4
GP2202C	2	2	--	--	4	--	--	5
GP2204C	2	--	2	--	4	--	--	4
GP2205C	--	2	5	--	2	--	--	5
GP2206C	--	2	--	--	5	--	--	4
GP2207C	--	--	--	--	5	--	--	5
GP2208C	2	2	--	--	4	--	--	5
GP2209C	6	2	--	--	--	--	--	2
GP2210C	3	2	3	2	--	--	--	5
GP2211C	2	2	2	2	--	--	--	2
GP2501C	--	--	--	--	4	--	--	4
GP2503C	2	--	2	--	4	--	--	3
GP2504C	--	--	--	--	4	--	--	4
GP2506C	4	--	2	--	4	--	--	5
GP2507C	4	--	2	--	4	--	--	5
GP2508C	5	--	2	2	4	--	--	5
GP2509C	--	--	2	--	4	--	--	5
GP2510C	--	--	3	--	4	--	--	5
GP2511C	--	--	4	--	4	--	--	5
GP2512C	--	--	4	--	4	--	--	1
GP2513C	--	2	2	2	4	--	--	1
GP2514C	4	2	2	3	--	--	--	1
GP2516C	--	2	--	2	4	--	--	1
GP2517C	2	2	2	2	--	--	--	1
GP2518C	--	2	2	2	2	--	2	1
GP2519C	2	--	--	2	6	--	--	5
GP2520C	--	--	--	3	5	--	--	3

Table 4. Mineralogy of some panned-concentrate samples from stream sediments from the Glacier Peak Wilderness study area.--continued

Sample	Latitude	Longitude	Nonmagnetic, heavy mineral fraction								
			Pyrite Pyrrohite Arsenopyrite	Chalcopyrite Cuprite Bornite etc.	Molybdenite	Scheelite	Galena	Barite	Tourmaline	Epidote	Apatite
GP2521C	48 15 40	120 49 55	--	--	--	--	--	--	--	--	3
GP2522C	48 16 15	120 50 10	2	--	--	--	--	--	--	--	3
GP2523C	48 16 19	120 50 15	2	--	--	--	--	--	--	--	3
GP2525C	48 16 49	120 50 0	2	--	--	--	--	--	--	--	2
GP2526C	48 13 46	121 17 42	2	--	--	--	--	--	2	--	2
GP2527C	48 13 8	121 16 59	2	--	--	--	--	--	2	--	--
GP2528C	48 12 48	121 16 49	--	--	--	--	--	--	2	--	--
GP2529C	48 12 52	121 16 14	--	--	--	--	--	--	3	--	--
GP2531C	48 14 56	121 15 4	--	--	--	--	--	--	--	--	--
GP2532C	48 14 59	121 17 31	3	--	--	--	--	--	--	--	--
GP2536C	48 15 35	121 13 23	--	--	--	--	--	--	--	--	--
GP2537C	48 15 41	121 16 27	--	--	--	--	--	--	3	--	--
GP2538C	48 15 35	121 16 18	--	--	--	--	--	--	--	--	--
GP2539C	48 16 1	121 19 58	--	--	--	--	--	--	--	--	--
GP2540C	48 10 12	120 50 13	--	--	--	2	--	--	--	--	--
GP2542C	48 7 45	120 38 0	3	--	--	--	--	--	--	--	3
GP2546C	48 10 27	120 45 10	--	--	--	--	--	--	--	--	--
GP2547C	48 14 11	120 47 23	--	--	--	--	--	--	2	--	--
GP2548C	48 13 28	120 46 40	--	--	--	--	--	--	--	--	--
GP2549C	48 7 12	120 46 53	--	--	--	--	--	--	--	--	--
GP2550C	48 16 51	120 53 6	4	--	--	--	--	--	--	--	--
GP2551C	48 19 25	120 52 52	4	--	2	3	--	--	2	--	3
GP2552C	48 19 16	120 50 0	4	--	--	2	--	4	--	--	5
GP2553C	48 19 14	120 49 58	5	--	--	2	--	4	--	--	2
GP2554C	48 22 1	120 52 7	--	--	--	--	--	--	--	--	2
GP2556C	48 20 47	120 47 17	--	--	--	--	--	--	--	--	4
GP2557C	48 22 32	120 49 15	--	--	--	--	--	--	--	--	4
GP2558C	48 22 25	120 47 21	--	--	--	--	--	--	--	--	3
GP2560C	48 12 8	120 48 12	--	--	--	2	--	--	--	--	5
GP2564C	48 28 43	121 4 37	4	--	--	2	--	--	--	--	5
GP2565C	48 28 42	121 4 54	3	--	--	--	--	--	--	--	6
GP2567C	48 12 12	120 48 8	--	--	--	--	--	--	2	--	2
GP2568C	48 18 13	121 16 7	--	--	--	--	--	--	--	--	--
GP2569C	48 21 12	121 14 37	2	--	--	2	--	--	--	--	--
GP2570C	48 22 23	121 9 44	2	--	--	--	--	--	--	--	--
GP2571C	48 21 57	121 19 15	--	--	--	--	--	--	--	--	5
GP2572C	48 21 5	121 20 5	2	--	--	2	--	--	--	--	4
GP2573C	48 21 6	121 20 39	2	--	--	--	--	--	--	--	3
GP2574C	48 18 14	121 6 58	--	--	--	--	--	--	--	--	4
GP2576C	48 17 29	121 4 10	2	--	--	2	--	--	--	--	4
GP2580C	48 19 50	121 2 15	--	--	--	--	--	--	--	--	4
GP2581C	48 19 48	121 2 15	2	--	--	--	--	--	--	--	4
GP2582C	48 20 0	121 1 40	2	--	2	--	--	--	--	--	3
GP2583C	48 2 11	121 6 5	--	--	--	--	--	--	--	--	2
GP2584C	48 6 22	120 44 13	2	--	--	--	--	--	--	--	4

Table 4.--Mineralogy of some panned-concentrate samples from stream sediments from the Glacier Peak Wilderness study area.--continued

Sample	Nonmagnetic, heavy mineral fraction--continued						Magnetic, heavy mineral fraction	
	Sphene	Rutile	Zircon	Pyroxenes Amphiboles	Rk-frags.*	Kyanite Sillimanite	Garnet (Magnetic Fraction)	m-Silic.*
GP2521C	--	--	--	2	4	--	--	3
GP2522C	--	--	--	2	4	--	--	3
GP2523C	--	2	--	2	4	--	--	3
GP2525C	--	--	--	2	4	--	--	4
GP2526C	--	2	--	--	--	6	1	1
GP2527C	--	2	--	--	--	6	1	1
GP2528C	--	2	--	2	--	6	1	3
GP2529C	--	4	--	2	--	6	1	3
GP2531C	--	4	--	2	--	5	1	2
GP2532C	--	4	--	--	--	5	1	2
GP2536C	5	3	--	3	--	4	2	2
GP2537C	--	4	--	2	--	5	1	2
GP2538C	--	5	--	2	--	5	1	2
GP2539C	2	4	--	--	--	6	1	1
GP2540C	--	2	--	2	2	--	--	5
GP2542C	3	--	--	--	--	--	--	5
GP2546C	3	2	--	--	3	--	--	5
GP2547C	--	2	--	4	--	--	--	4
GP2548C	--	2	--	4	--	2	--	5
GP2549C	--	2	3	3	3	--	--	4
GP2550C	--	2	3	3	3	--	--	3
GP2551C	3	2	2	3	3	2	--	4
GP2552C	3	--	--	--	3	--	--	2
GP2553C	2	--	--	2	--	--	--	4
GP2554C	6	2	--	2	2	--	--	4
GP2556C	4	2	--	--	--	--	--	5
GP2557C	4	--	2	3	--	--	--	4
GP2558C	6	--	2	--	--	--	--	2
GP2560C	2	2	4	2	2	--	--	4
GP2564C	2	--	--	--	--	--	--	3
GP2565C	3	--	--	2	2	--	--	5
GP2567C	--	2	2	2	6	--	--	3
GP2563C	2	2	--	--	--	6	2	2
GP2569C	5	--	2	--	4	--	--	1
GP2570C	6	--	--	--	2	--	--	5
GP2571C	--	4	4	2	--	--	--	1
GP2572C	2	5	2	--	2	--	--	5
GP2573C	--	5	--	--	4	--	--	5
GP2574C	2	2	2	2	--	--	--	3
GP2576C	--	2	5	2	2	--	--	1
GP2580C	2	--	5	2	--	--	--	4
GP2581C	4	2	5	2	--	--	--	2
GP2582C	--	2	6	2	2	--	--	1
GP2583C	4	4	--	3	--	--	1	5
GP2584C	5	--	2	--	2	--	--	5

Table 4. Mineralogy of some panned-concentrate samples from stream sediments from the Glacier Peak Wilderness study area.--continued

Sample	Latitude	Longitude	Nonmagnetic, heavy mineral fraction								
			Pyrite Pyrrohite Arsenopyrite	Chalcopyrite Cuprite Bornite etc.	Molybdenite	Scheelite	Galena	Barite	Tourmaline	Epidote	Apatite
GP2585C	48 15 16	120 42 26	--	--	--	2	--	--	--	--	4
GP2586C	48 15 17	120 42 22	--	--	--	--	--	--	--	--	4
GP2587C	48 22 20	121 22 7	--	--	--	--	--	--	--	--	2
GP2588C	48 16 13	120 42 11	--	--	--	--	--	--	--	--	4
GP2589C	48 23 15	121 22 4	--	--	--	--	--	--	--	--	--
GP2590C	48 25 35	121 18 48	2	--	--	--	--	--	--	--	--
GP2592C	48 25 29	121 18 45	2	--	--	--	--	--	--	--	5
GP2594C	48 27 48	121 15 23	--	--	--	--	--	--	--	--	2
GP2595C	48 27 58	121 18 25	--	--	--	3	--	--	--	--	--
GP2596C	48 27 8	121 19 44	--	--	--	--	--	--	--	--	2
GP2597C	48 29 13	121 17 55	--	--	--	--	--	--	--	--	4
GP2598C	48 28 55	121 14 22	--	--	--	2	--	--	--	--	2
GP2599C	48 23 3	121 6 20	--	--	--	--	--	--	--	--	2
GP2600C	48 23 2	121 6 22	--	--	--	--	--	--	--	--	5
GP2601C	48 23 3	121 6 25	2	--	--	--	--	--	--	--	4
GP2602C	48 23 56	121 4 36	2	--	--	2	--	--	--	--	3
GP2605C	48 24 55	121 14 6	2	--	--	3	--	--	--	--	5
GP2606C	48 26 27	121 12 25	--	--	--	--	--	--	--	--	3
GP2607C	48 25 56	121 12 25	2	--	--	3	--	--	--	--	5
GP2608C	48 25 52	121 10 30	--	--	--	--	--	--	--	--	--
GP2609C	48 22 52	121 7 48	--	--	--	--	--	--	--	--	4
GP2610C	48 25 54	121 8 0	3	--	--	3	--	--	--	--	3
GP2612C	48 27 35	121 8 33	--	--	--	2	--	--	--	--	4
GP2613C	48 28 2	121 7 39	--	--	--	2	--	--	--	--	--
GP2614C	48 25 12	121 7 25	3	--	--	2	--	--	--	--	4
GP2615C	48 22 28	121 7 20	--	--	--	--	--	--	--	--	4
GP2616C	48 29 15	121 5 46	3	?	--	--	2	--	--	--	4
GP2617C	48 26 33	121 0 58	--	--	--	--	--	--	--	--	4
GP2618C	48 26 23	121 0 51	--	--	--	--	--	--	--	--	4
GP2620C	48 15 43	120 59 2	--	--	--	2	--	--	--	--	4
GP2621C	48 20 28	120 58 52	2	--	--	2	--	--	--	--	4
GP2622C	48 20 45	120 59 11	3	--	--	3	--	--	--	--	--
GP2623C	48 20 42	120 59 50	2	--	--	--	--	--	--	--	--
GP2624C	48 23 20	120 59 36	2	--	--	3	--	2	--	--	2
GP2625C	48 23 57	120 59 32	3	--	--	--	--	2	--	--	2
GP2626C	48 22 34	121 1 22	3	--	--	--	--	--	--	--	2
GP2627C	48 23 47	121 2 58	2	--	--	--	--	--	--	--	2
GP2628C	48 26 48	120 57 52	4	--	--	--	--	--	--	--	3
GP2630C	48 19 58	120 56 30	4	--	2	2	--	--	--	--	--
GP2631C	48 20 29	120 59 59	--	--	--	3	--	--	--	--	5
GP2632C	48 24 28	121 11 59	?	--	--	--	--	--	--	--	--
GP3001C	48 7 0	121 24 5	?	--	--	--	--	--	--	--	--
GP3002C	48 6 28	121 23 35	--	--	--	--	--	--	--	--	--
GP3004C	48 6 24	121 23 20	--	--	--	--	--	--	--	--	--
GP3005C	48 5 57	121 21 42	--	--	--	--	--	--	--	--	3

Table 4.--Mineralogy of some panned-concentrate samples from stream sediments from the Glacier Peak Wilderness study area.--continued

Sample	Nonmagnetic, heavy mineral fraction--continued						Magnetic, heavy mineral fraction	
	Sphene	Rutile	Zircon	Pyroxenes Amphiboles	Rk-frags.*	Kyanite Sillimanite	Garnet (Magnetic Fraction)	m-Silic.*
GP2585C	4	3	--	--	4	--	--	5
GP2586C	4	2	--	--	4	--	--	4
GP2587C	--	2	2	--	--	--	--	2
GP2588C	4	3	--	--	3	--	--	5
GP2589C	--	2	2	?	--	--	--	3
GP2590C	--	?	2	--	4	--	--	4
GP2592C	--	5	--	--	2	--	--	3
GP2594C	--	--	2	--	4	--	--	1
GP2595C	?	?	--	?	4	--	--	3
GP2596C	?	?	2	?	5	--	--	?
GP2597C	--	3	--	--	4	--	--	2
GP2598C	2	3	4	?	4	--	--	1
GP2599C	?	3	--	?	4	--	--	2
GP2600C	5	2	2	?	--	--	--	?
GP2601C	5	3	--	--	--	--	--	1
GP2602C	--	2	--	--	4	--	--	3
GP2605C	3	3	2	?	--	--	1	3
GP2606C	3	2	--	?	--	--	3	?
GP2607C	3	3	2	--	3	--	1	2
GP2608C	--	2	--	4	5	--	--	5
GP2609C	5	2	--	--	3	--	--	2
GP2610C	3	--	--	--	3	--	--	4
GP2612C	--	3	--	?	5	--	--	2
GP2613C	--	3	--	--	5	--	--	5
GP2614C	4	--	--	--	3	--	--	3
GP2615C	5	?	2	--	--	--	--	1
GP2616C	--	3	--	--	2	--	--	5
GP2617C	4	3	--	--	3	--	--	3
GP2618C	4	3	--	--	3	--	--	3
GP2620C	4	?	2	--	3	--	1	3
GP2621C	?	--	5	--	?	--	--	3
GP2622C	--	--	--	--	4	--	--	3
GP2623C	--	--	--	--	?	--	--	4
GP2624C	--	?	--	3	4	--	--	3
GP2625C	--	--	--	--	4	--	--	4
GP2626C	--	?	--	--	4	--	--	?
GP2627C	--	3	--	--	4	--	--	3
GP2629C	3	--	--	--	3	--	--	5
GP2630C	?	--	?	--	5	--	--	4
GP2631C	?	?	5	?	?	--	--	1
GP2632C	6	?	--	--	--	--	--	4
GP3001C	--	?	3	6	--	--	--	6
GP3002C	--	--	--	5	5	--	1	4
GP3004C	--	--	--	6	--	--	--	4
GP3005C	--	--	3	3	--	--	--	5

Table 4. Mineralogy of some panned-concentrate samples from stream sediments from the Glacier Peak Wilderness study area.--continued

Sample	Latitude	Longitude	Nonmagnetic, heavy mineral fraction								
			Pyrite Pyrrohite Arsenopyrite	Chalcopyrite Cuprite Bornite etc.	Molybdenite	Scheelite	Galena	Barite	Tourmaline	Epidote	Apatite
GP3006C	48 5 42	121 20 4	--	--	--	--	--	--	--	--	--
GP3007C	48 5 38	121 19 35	2	--	--	--	--	--	2	3	--
GP3008C	48 5 11	121 18 19	--	--	--	--	--	--	--	--	6
GP3010C	48 5 55	121 17 30	--	--	--	--	--	--	--	--	5
GP3011C	48 5 59	121 17 14	--	--	--	--	--	--	--	--	5
GP3012C	48 6 7	121 16 48	--	--	--	--	--	--	--	--	--
GP3013C	48 6 8	121 16 40	--	--	--	--	--	--	--	--	3
GP3018C	48 1 31	121 17 4	--	--	--	--	--	--	--	--	3
GP3019C	48 4 5	121 17 26	--	--	--	--	--	--	--	--	3
GP3020C	48 4 38	121 17 54	--	--	--	--	--	--	2	3	3
GP3031C	48 7 57	121 12 14	--	--	--	--	--	--	--	4	3
GP3032C	48 7 48	121 12 4	4	--	--	--	--	--	--	--	5
GP3033C	48 9 8	121 11 10	--	--	--	--	--	--	2	--	4
GP3034C	48 8 20	121 9 34	2	--	--	--	--	--	--	--	4
GP3035C	48 6 49	121 9 44	--	--	--	2	--	--	--	--	4
GP3036C	48 5 12	121 8 32	2	--	--	--	--	--	--	--	4
GP3037C	48 4 19	121 9 46	--	--	--	--	--	--	--	--	3
GP3038C	48 4 20	121 9 53	--	--	--	--	--	--	--	--	3
GP3040C	48 3 12	121 16 2	5	--	--	--	--	--	--	--	3
GP3041C	48 2 44	121 15 6	3	--	--	--	--	--	--	--	3
GP3042C	48 2 31	121 14 29	--	--	--	2	--	--	--	--	--
GP3043C	47 59 36	121 8 34	3	--	--	2	--	--	--	2	3
GP3044C	47 59 37	121 8 36	4	--	--	2	--	--	--	--	--
GP3045C	47 59 54	121 8 26	4	--	--	--	--	--	--	--	2
GP3059C	48 3 48	121 13 22	2	--	--	--	--	--	2	--	3
GP3060C	48 2 55	121 12 48	--	--	--	--	--	--	--	--	--
GP3061C	48 1 5	121 12 43	--	--	--	--	--	--	3	--	3
GP3062C	48 1 58	121 11 56	2	--	--	--	--	--	2	--	2
GP3063C	48 1 43	121 11 26	2	--	--	--	--	--	2	--	--
GP3064C	48 1 43	121 11 18	--	--	--	--	--	--	2	--	--
GP3066C	48 2 27	121 13 17	--	--	--	2	--	--	2	--	--
GP3067C	47 59 9	121 11 30	--	--	--	--	--	--	2	--	2
GP3068C	47 59 37	121 12 38	--	--	--	--	--	--	3	--	3
GP3069C	47 59 42	121 12 43	--	--	--	--	--	--	--	--	4
GP3071C	48 13 32	121 0 58	2	--	--	--	--	--	--	--	--
GP3075C	48 14 28	120 57 11	--	--	--	--	--	--	--	--	2
GP3076C	48 10 56	120 55 59	--	--	--	3	--	--	2	--	3
GP3077C	48 11 25	120 57 12	--	--	--	4	--	--	2	--	3
GP3078C	48 11 22	120 57 4	2	--	--	--	--	--	3	--	3
GP3079C	48 18 49	121 17 6	2	--	--	--	--	--	--	2	3
GP3081C	48 18 44	121 16 52	--	--	--	--	--	--	--	--	2
GP3082C	48 18 36	121 17 10	--	--	--	--	--	--	2	--	3
GP3083C	48 18 12	121 17 30	--	--	--	--	--	--	2	--	3
GP3084C	48 18 17	121 17 29	--	--	--	--	--	--	--	--	3
GP3086C	48 17 34	121 18 17	--	--	--	--	--	--	2	--	3

Table 4.--Mineralogy of some panned-concentrate samples from stream sediments from the Glacier Peak Wilderness study area.--continued

Sample	Nonmagnetic, heavy mineral fraction--continued						Magnetic, heavy mineral fraction	
	Sphene	Rutile	Zircon	Pyroxenes Amphiboles	Rk-frags.*	Kyanite Sillimanite	Garnet (Magnetic Fraction)	m-Silic.*
GP3006C	--	--	2	6	--	--	--	4
GP3007C	--	2	--	5	5	--	1	2
GP3008C	--	4	--	2	--	--	1	6
GP3010C	--	4	--	--	--	--	1	2
GP3011C	--	4	--	--	--	--	1	1
GP3012C	--	--	--	--	--	--	1	2
GP3013C	--	4	--	3	--	--	1	3
GP3018C	--	--	3	5	--	3	1	3
GP3019C	--	2	--	3	3	--	1	2
GP3020C	--	4	3	--	--	2	1	2
GP3031C	--	2	5	2	--	--	--	2
GP3032C	--	--	--	--	--	--	--	2
GP3033C	--	2	--	2	--	4	--	4
GP3034C	--	--	--	4	--	--	--	5
GP3035C	--	2	--	4	--	--	--	4
GP3036C	--	2	--	4	--	2	--	4
GP3037C	--	3	--	3	--	3	--	2
GP3038C	--	3	--	3	--	3	2	3
GP3040C	--	--	--	3	--	--	--	3
GP3041C	--	--	--	3	--	--	1	2
GP3042C	3	--	--	3	--	3	1	2
GP3043C	--	--	--	--	--	3	1	2
GP3044C	--	--	--	--	--	5	--	3
GP3045C	--	--	--	--	--	5	--	2
GP3059C	--	4	--	3	--	3	1	2
GP3060C	--	2	--	4	--	4	--	4
GP3061C	--	3	--	3	3	--	1	2
GP3062C	--	2	--	4	--	4	1	2
GP3063C	--	4	--	4	--	4	--	1
GP3064C	--	2	--	4	--	4	1	2
GP3066C	--	--	--	4	4	--	1	3
GP3067C	--	2	--	--	--	5	--	3
GP3068C	--	2	2	3	--	3	1	2
GP3069C	--	2	--	--	--	4	1	2
GP3071C	--	2	--	4	4	--	--	1
GP3075C	--	--	--	2	6	--	--	1
GP3076C	3	--	2	3	3	3	--	3
GP3077C	--	--	2	3	3	--	--	4
GP3078C	--	--	--	--	5	3	2	5
GP3079C	--	2	2	2	5	--	1	2
GP3081C	4	--	--	2	3	2	--	2
GP3082C	4	3	--	--	--	4	2	2
GP3083C	4	3	2	2	--	4	2	1
GP3084C	4	3	2	2	--	4	2	1
GP3086C	4	3	2	2	--	--	--	1

Table 4. Mineralogy of some panned-concentrate samples from stream sediments from the Glacier Peak Wilderness study area.--continued

Sample	Latitude	Longitude	Nonmagnetic, heavy mineral fraction								
			Pyrite Pyrrohite Arsenopyrite	Chalcopyrite Cuprite Bornite etc.	Molybdenite	Scheelite	Galena	Barite	Tourmaline	Epidote	Apatite
GP3088C	48 5 42	120 57 33	--	--	--	--	--	--	--	2	4
GP3089C	48 5 5	120 56 2	2	--	--	--	--	--	--	--	4
GP3090C	48 4 3	120 57 31	--	--	--	--	--	--	--	--	2
GP3091C	48 3 28	120 56 22	--	--	--	--	--	--	--	--	3
GP3092C	48 7 16	120 58 27	--	--	--	--	--	--	--	--	2
GP3093C	48 8 12	121 0 0	--	--	--	--	--	--	--	--	--
GP3094C	48 9 47	121 0 9	--	--	--	--	--	--	--	--	2
GP3095C	48 14 41	120 54 14	--	--	--	--	--	--	--	--	--
GP3096C	48 19 55	121 3 28	2	--	--	--	--	--	--	--	--
GP3097C	48 19 50	121 13 30	--	--	--	--	--	--	--	--	--
GP3098C	48 12 13	120 52 30	--	--	--	2	--	--	2	--	--
GP3099C	48 13 31	121 1 28	--	--	--	--	--	--	--	3	2
GP3101C	48 13 32	121 1 58	--	--	--	--	--	--	--	--	3
GP3103C	48 13 43	121 2 40	--	--	--	--	--	--	--	--	5
GP3104C	48 13 38	121 3 4	--	--	--	--	--	--	--	--	4
GP3105C	48 13 37	121 3 52	--	--	--	--	--	--	--	--	2
GP3107C	48 22 21	121 16 32	--	--	--	2	--	--	--	--	4
GP3108C	48 22 20	121 16 35	2	--	--	2	--	--	--	--	4
GP3109C	48 22 14	121 16 15	4	--	--	--	--	--	--	2	5
GP3153C	48 22 0	121 15 51	--	--	--	--	--	--	--	2	4
GP3154C	48 21 52	121 15 46	3	--	--	3	--	--	--	--	4
GP3155C	48 21 21	121 15 53	3	--	--	2	--	--	--	3	3
GP3156C	48 21 10	121 15 51	3	--	--	--	--	--	2	--	2
GP3158C	48 20 13	121 16 50	2	--	--	2	--	--	--	2	4
GP3159C	48 20 7	121 16 55	--	--	--	--	--	--	--	?	2
GP3160C	48 22 55	121 25 45	--	--	--	--	--	--	2	--	--
GP3163C	48 21 37	121 25 31	2	--	--	--	--	--	--	--	2
GP3164C	48 20 58	121 24 55	--	--	--	--	--	--	3	--	3
GP3165C	48 20 14	121 23 36	2	--	--	--	--	--	--	--	3
GP3166C	48 19 7	121 21 45	--	--	--	2	--	--	--	--	2
GP3167C	48 19 3	121 21 14	--	--	--	--	--	--	--	--	4
GP3168C	48 18 53	121 20 19	--	--	--	--	--	--	--	--	3
GP3170C	48 9 10	121 12 42	--	--	--	2	--	--	3	--	3
GP3171C	48 9 12	121 12 58	--	--	--	--	--	--	2	--	2
GP3172C	48 9 22	121 14 3	--	--	--	--	--	--	2	--	2
GP3179C	48 16 12	121 21 0	--	--	--	--	--	--	2	2	2
GP3180C	48 16 24	121 22 0	--	--	--	2	--	--	2	--	2
GP3182C	48 8 32	120 39 10	--	--	--	--	--	--	?	--	4
GP3184C	48 8 30	120 39 0	2	--	--	2	--	--	--	--	4
GP3187C	48 13 56	120 50 13	--	--	--	--	--	--	--	2	5
GP3188C	48 11 57	120 53 25	2	--	--	2	--	--	--	--	--
GP3191C	48 6 38	120 45 40	2	--	--	--	--	--	--	--	4
GP3192C	48 9 17	120 51 49	?	--	--	2	--	--	--	2	3
GP3193C	48 17 38	120 53 54	2	--	--	--	--	--	--	--	5
GP3194C	48 19 50	120 50 0	2	--	--	--	--	--	--	--	4

Table 4.--Mineralogy of some panned-concentrate samples from stream sediments from the Glacier Peak Wilderness study area.--continued

Sample	Nonmagnetic, heavy mineral fraction--continued						Magnetic, heavy mineral fraction	
	Sphene	Rutile	Zircon	Pyroxenes Amphiboles	Rk-frags.*	Kyanite Sillimanite	Garnet (Magnetic Fraction)	m-Silic.*
GP3088C	4	--	2	2	2	--	--	5
GP3089C	--	2	--	2	--	--	--	4
GP3090C	2	2	--	5	5	--	--	2
GP3091C	3	2	--	4	4	--	--	2
GP3092C	5	--	--	2	3	--	--	4
GP3093C	5	--	--	4	4	--	--	4
GP3094C	5	--	2	--	4	--	--	1
GP3095C	--	2	3	3	6	--	--	5
GP3096C	5	--	--	2	4	--	--	2
GP3097C	--	--	--	4	4	--	--	3
GP3098C	--	--	2	2	5	--	--	2
GP3099C	--	--	2	--	5	--	--	4
GP3101C	--	--	3	2	5	--	--	4
GP3103C	2	--	--	--	4	--	--	5
GP3104C	4	--	--	4	--	--	--	3
GP3105C	6	--	2	2	3	--	--	3
GP3107C	2	2	4	2	4	--	--	2
GP3108C	4	--	4	2	4	--	--	2
GP3109C	2	2	5	--	--	--	--	1
GP3153C	--	2	5	--	--	--	--	1
GP3154C	4	--	5	--	--	--	--	1
GP3155C	--	2	4	2	--	--	--	1
GP3156C	5	--	--	--	2	--	--	1
GP3158C	4	2	2	2	4	--	--	1
GP3159C	--	2	2	3	3	--	--	3
GP3160C	--	--	2	4	4	--	--	4
GP3163C	--	2	4	4	4	--	2	1
GP3164C	--	4	2	4	4	--	2	2
GP3165C	--	4	2	3	4	--	--	2
GP3166C	2	4	--	2	4	2	2	1
GP3167C	4	4	--	--	--	--	3	1
GP3168C	2	4	2	2	4	--	--	4
GP3170C	--	2	--	--	3	4	2	5
GP3171C	--	2	--	--	3	5	--	2
GP3172C	--	2	--	--	3	5	--	2
GP3179C	--	2	--	2	--	5	1	1
GP3180C	--	--	--	--	3	5	1	1
GP3182C	4	--	--	--	--	--	--	5
GP3184C	2	2	--	3	4	--	--	4
GP3187C	--	2	--	--	--	--	--	5
GP3188C	--	--	4	--	--	--	--	5
GP3191C	5	--	2	2	--	--	--	5
GP3192C	3	--	3	3	3	3	--	5
GP3193C	--	2	2	3	--	--	--	2
GP3194C	5	2	--	2	2	--	--	2

Table 4. Mineralogy of some panned-concentrate samples from stream sediments from the Glacier Peak Wilderness study area.--continued

Sample	Latitude	Longitude	Nonmagnetic, heavy mineral fraction								
			Pyrite Pyrrohite Arsenopyrite	Chalcopyrite Cuprite Bornite etc.	Molybdenite	Scheelite	Galena	Barite	Tourmaline	Epidote	Apatite
GP3195C	48 23 3	120 56 50	2	--	--	2	--	3	--	--	3
GP3196C	48 23 20	121 0 40	--	--	--	--	--	--	--	--	3
GP3197C	48 24 2	120 54 38	--	--	--	2	--	--	--	--	--
GP3198C	48 20 11	120 46 3	--	--	--	--	--	--	--	--	4
GP3199C	48 23 57	120 51 20	--	--	--	2	--	--	--	--	4
GP3200C	48 24 13	120 51 36	--	--	--	2	--	--	--	--	4
GP3201C	48 27 5	120 59 31	2	--	--	--	--	--	2	--	4
GP3203C	48 11 58	120 45 16	2	--	--	2	--	--	2	--	4
GP3204C	48 11 19	120 41 0	2	--	--	--	--	--	--	--	--
GP3205C	48 11 48	120 43 42	--	--	--	2	--	--	--	--	4
GP3207C	48 28 33	121 4 40	2	--	2	3	--	--	--	--	5
GP3212C	47 59 18	121 23 14	5	--	--	--	--	2	--	--	2
GP3213C	48 28 18	121 9 33	--	--	--	--	--	--	--	--	3
GP3214C	48 28 47	121 8 53	--	--	--	--	2	--	--	--	4
GP3216C	48 29 14	121 8 14	2	--	--	2	--	--	--	--	4
GP3217C	48 29 33	121 7 22	2	--	--	--	--	--	--	--	3
GP3218C	48 29 28	121 6 28	--	--	--	--	--	--	--	--	4
GP3221C	48 29 22	121 5 20	2	--	2	--	--	2	--	--	4
GP3222C	48 29 12	121 4 57	4	--	--	--	3	--	--	--	5
GP3223C	48 29 13	121 4 58	3	--	2	3	2	--	--	--	4
GP3224C	48 29 17	121 5 2	4	--	2	--	--	--	--	--	4
GP3232C	48 27 54	121 13 0	3	--	--	2	--	--	--	--	4
GP3233C	48 27 32	121 11 52	--	--	--	2	--	--	--	--	4
GP3234C	48 27 42	121 12 34	2	--	--	--	--	--	--	--	2
GP3236C	48 11 13	121 1 42	3	--	2	2	--	3	--	--	3
GP3237C	48 13 28	120 42 30	--	--	--	2	--	--	--	--	2
GP3238C	48 13 25	120 42 33	--	--	--	--	--	--	--	--	2
GP3239C	48 13 29	120 41 25	--	--	--	--	--	--	--	--	--
GP3240C	48 13 25	120 41 29	--	--	--	2	--	--	--	2	2
GP3241C	48 13 41	120 40 54	--	--	--	2	--	--	--	--	2
GP3242C	48 13 37	120 40 55	--	--	--	--	--	--	--	--	--
GP4000C	48 20 43	120 57 50	3	--	--	2	--	--	--	--	4
GP4001C	48 20 23	120 57 47	--	--	--	2	--	--	--	--	4
GP4003C	48 20 19	120 56 7	--	--	--	2	--	--	--	--	5
GP4004C	48 20 45	120 54 28	--	--	--	--	--	--	--	--	4
GP4005C	48 20 44	120 54 5	2	--	--	3	--	--	--	--	4
GP4006C	48 17 38	120 55 49	--	--	--	--	--	--	--	--	5
GP4007C	48 17 37	120 55 46	2	--	--	--	--	--	--	--	5
GP4008C	48 16 2	120 55 41	--	--	--	--	--	--	2	--	5
GP4009C	48 15 18	120 55 32	2	--	--	--	--	--	--	--	5
GP4010C	48 15 18	120 55 39	--	--	--	--	--	--	--	--	5
GP4011C	48 16 48	120 59 13	--	--	--	--	--	--	--	--	4
GP4012C	48 16 47	120 59 12	--	--	--	--	--	--	--	--	4
GP4013C	48 17 2	120 58 25	--	--	--	--	--	--	--	--	5
GP4014C	48 17 13	120 58 3	2	--	--	2	--	--	--	--	5

Table 4.--Mineralogy of some panned-concentrate samples from stream sediments from the Glacier Peak Wilderness study area.--continued

Sample	Nonmagnetic, heavy mineral fraction--continued						Magnetic, heavy mineral fraction	
	Sphene	Rutile	Zircon	Pyroxenes Amphiboles	Rk-frags.*	Kyanite Sillimanite	Garnet (Magnetic Fraction)	m-Silic.*
GP3195C	--	--	--	--	5	--	--	3
GP3196C	--	2	--	--	6	--	--	1
GP3197C	3	2	--	3	6	--	--	1
GP3198C	4	--	2	2	2	--	--	2
GP3199C	4	2	--	--	2	--	--	4
GP3200C	5	--	--	2	--	--	--	2
GP3201C	5	2	--	--	3	--	--	5
GP3203C	--	2	2	3	3	2	--	5
GP3204C	--	--	--	2	6	--	--	5
GP3205C	--	2	2	--	--	--	--	2
GP3207C	--	2	3	--	--	--	--	4
GP3212C	2	--	2	--	--	--	--	5
GP3213C	--	3	--	4	4	--	--	3
GP3214C	--	4	--	2	--	--	--	2
GP3216C	2	3	--	2	--	--	--	4
GP3217C	3	2	--	2	3	--	--	4
GP3218C	4	3	--	2	2	--	--	4
GP3221C	5	--	--	--	--	--	--	2
GP3222C	2	--	--	2	--	--	--	5
GP3223C	2	--	4	2	--	--	--	3
GP3224C	5	--	2	2	--	--	--	4
GP3232C	--	--	--	--	3	--	--	2
GP3233C	3	2	--	3	--	--	--	3
GP3234C	6	2	2	--	3	--	--	2
GP3236C	--	2	3	--	4	2	--	4
GP3237C	3	2	3	2	--	--	--	5
GP3238C	--	2	2	2	4	--	--	5
GP3239C	--	--	--	--	--	--	--	5
GP3240C	--	2	3	2	4	--	--	5
GP3241C	--	2	5	2	2	--	--	5
GP3242C	--	--	4	--	2	--	--	5
GP4000C	--	--	--	2	3	--	--	3
GP4001C	2	--	5	2	2	--	--	1
GP4003C	2	--	4	2	2	--	--	1
GP4004C	2	--	5	2	--	--	--	1
GP4005C	4	2	2	2	4	--	--	3
GP4006C	--	--	3	2	4	--	--	5
GP4007C	2	2	4	2	4	--	--	3
GP4008C	2	2	4	3	4	--	--	5
GP4009C	2	2	4	3	3	--	--	2
GP4010C	2	2	4	--	3	--	--	5
GP4011C	--	--	4	2	2	--	--	3
GP4012C	--	3	5	--	--	--	--	1
GP4013C	--	2	4	2	2	--	--	2
GP4014C	--	--	4	2	--	--	--	1

Table 4. Mineralogy of some panned-concentrate samples from stream sediments from the Glacier Peak Wilderness study area.--continued

Sample	Latitude	Longitude	Nonmagnetic, heavy mineral fraction								
			Pyrite Pyrrohite Arsenopyrite	Chalcopyrite Cuprite Bornite etc.	Molybdenite	Scheelite	Galena	Barite	Tourmaline	Epidote	Apatite
GP4015C	48 17 12	120 57 45	--	--	--	--	--	--	--	--	5
GP4016C	48 17 10	120 57 28	--	--	--	--	--	--	--	--	5
GP4017C	48 17 13	120 57 13	2	--	--	--	--	--	--	--	4
GP4018C	48 17 24	120 57 7	--	--	--	2	--	--	--	--	4
GP4019C	48 10 21	120 50 20	2	--	--	--	--	--	--	--	5
GP401GX	47 56 53	121 8 42	--	--	--	--	--	--	--	--	--
GP4024C	48 9 39	120 40 36	--	--	--	2	--	--	--	--	3
GP4025C	48 10 10	120 43 36	2	--	--	--	--	--	--	--	5
GP4026C	48 6 20	120 40 12	2	--	--	--	--	--	--	--	5
GP4032C	48 17 4	120 53 8	--	--	--	2	--	--	--	--	3
GP4033C	48 17 10	120 53 13	--	--	--	--	--	--	--	--	--
GP4034C	48 17 7	120 53 43	2	--	--	2	--	--	--	--	--
GP4035C	48 21 16	120 53 3	--	--	--	--	--	--	--	--	2
GP4036C	48 21 30	120 52 36	--	--	--	--	--	--	--	--	3
GP4037C	48 21 33	120 52 28	--	--	--	--	--	--	--	--	2
GP4038C	48 21 46	120 52 6	--	--	--	--	--	--	--	--	2
GP4039C	48 16 50	120 43 48	--	--	--	--	--	--	--	--	4
GP403GX	47 56 54	121 8 36	--	--	--	--	--	--	--	--	--
GP4040C	48 16 48	120 43 43	--	--	--	--	--	--	--	--	3
GP4044C	48 17 37	120 42 34	2	--	2	--	--	--	--	--	4
GP4046C	48 18 57	120 40 44	2	--	--	--	--	--	--	--	4
GP4047C	48 11 22	120 42 10	2	--	2	--	--	--	--	--	4
GP4048C	48 11 34	120 43 35	2	--	--	2	--	--	--	--	3
GP4049C	48 11 41	120 44 38	2	--	--	2	--	--	--	--	3
GP4050C	48 11 44	120 46 23	--	--	--	--	--	--	--	--	5
GP4053C	48 21 20	121 20 54	--	--	--	--	--	--	--	--	3
GP4054C	48 17 58	121 9 25	--	--	--	--	--	--	2	--	4
GP4055C	48 20 0	121 8 3	2	--	--	--	--	--	--	--	4
GP4056C	48 16 2	121 8 31	--	--	--	--	--	--	--	--	3
GP405GX	47 55 59	121 14 15	--	--	--	--	--	--	--	--	2
GP4063C	48 27 13	121 15 19	--	--	--	--	--	--	--	--	3
GP4064C	48 19 24	120 41 25	--	--	--	--	--	--	--	--	4
GP4065C	48 20 22	120 42 48	--	--	--	2	--	--	--	--	3
GP4066C	48 21 2	120 43 33	--	--	--	2	--	--	--	--	4
GP702GX	47 58 42	121 2 45	--	--	--	--	--	--	--	--	2
GP704GX	47 59 18	120 58 54	--	--	--	--	--	--	--	--	2

Table 4.--Mineralogy of some panned-concentrate samples from stream sediments from the Glacier Peak Wilderness study area.--continued

Sample	Nonmagnetic, heavy mineral fraction--continued						Magnetic, heavy mineral fraction	
	Sphene	Rutile	Zircon	Pyroxenes Amphiboles	Rk-frags.*	Kyanite Sillimanite	Garnet (Magnetic Fraction)	m-Silic.*
GP4015C	--	2	4	2	--	--	--	1
GP4016C	--	2	4	2	--	--	--	3
GP4017C	--	2	4	2	--	--	--	3
GP4018C	--	--	5	--	--	--	--	1
GP4019C	4	2	3	--	--	--	--	3
GP401GX	--	4	--	3	--	5	1	4
GP4024C	3	--	2	5	--	--	--	5
GP4025C	3	--	2	2	--	--	--	5
GP4026C	3	2	--	2	3	--	--	5
GP4032C	--	2	--	2	6	--	--	4
GP4033C	--	2	--	2	6	--	--	5
GP4034C	--	2	2	2	4	2	--	5
GP4035C	5	--	2	--	3	--	--	4
GP4036C	5	--	2	2	4	--	--	5
GP4037C	5	--	2	2	--	--	--	4
GP4038C	5	--	2	2	--	--	--	3
GP4039C	2	--	--	2	--	--	--	4
GP403GX	--	4	--	3	--	5	2	5
GP4040C	3	--	--	2	2	--	--	5
GP4044C	5	--	--	--	--	--	--	3
GP4046C	5	2	--	2	--	--	--	4
GP4047C	--	2	4	2	--	--	--	5
GP4048C	3	2	--	2	3	--	--	5
GP4049C	3	--	--	--	6	--	--	5
GP4050C	2	2	2	2	--	--	--	4
GP4053C	--	2	2	2	2	--	--	5
GP4054C	3	2	--	2	3	--	--	5
GP4055C	4	2	--	2	3	--	--	2
GP4056C	5	2	2	--	4	--	--	4
GP405GX	--	2	--	4	--	2	1	3
GP4063C	3	2	3	--	3	--	--	2
GP4064C	5	--	--	--	--	--	--	5
GP4065C	6	--	--	--	--	--	--	5
GP4066C	5	2	2	--	--	--	--	3
GP702GX	--	2	--	3	--	5	1	5
GP704GX	--	2	--	3	--	6	2	5

Table 5. Fisher K statistics on analytical data from stream sediments from the Glacier Peak Wilderness study area

[The following qualifiers are used in reporting spectrographic data: --, no determination made; N, concentration less than the detection limit; L, detected, but present at a concentration less than the value reported; G, element present at a concentration greater than the upper calibration limit; and H, interfering spectra render analytical lines unusable.]

NO	COLUMN	N	H	L	G	B	T	NO OF UNQUAL VALUES	NO OF IMPROPER QUAL VALUES	MINIMUM	MAXIMUM	NO
3	S-MG%	0	0	0	0	0	0	1183	0	0.3000000	10.000000	3
4	S-CA%	0	0	0	0	0	0	1183	0	0.5000000	20.000000	4
5	S-FE%	0	0	0	1	0	0	1182	0	1.0000000	20.000000	5
6	S-TI%	0	0	0	43	0	0	1140	0	0.0300000	1.0000000	6
7	S-MN	0	0	0	10	0	0	1173	0	200.00000	5000.0000	7
8	S-V	0	0	0	0	0	0	1183	0	10.000000	700.00000	8
9	S-CR	2	0	1	0	0	0	1180	0	10.000000	2000.0000	9
10	S-NI	3	0	1	0	0	0	1179	0	5.0000000	1000.0000	10
11	S-CO	4	0	2	0	0	0	1177	0	5.0000000	70.000000	11
12	S-SC	4	0	3	3	0	0	1173	0	5.0000000	100.00000	12
13	S-CU	0	0	6	0	0	0	1177	0	5.0000000	2000.0000	13
14	S-MO	1109	0	15	0	0	0	59	0	5.0000000	70.000000	14
15	CM-W-P	246	0	97	0	775	0	65	0	0.0	70.000000	15
16	S-BI	1173	0	5	0	0	0	5	0	10.000000	10.000000	16
17	AA-AU-P	689	0	155	0	82	0	257	0	0.0	1.0000000	17
18	S-PB	12	0	56	0	0	0	1115	0	10.000000	500.00000	18
19	S-AG	1112	0	22	0	0	0	49	0	0.5000000	5.0000000	19
20	AA-ZN-P	0	0	0	0	587	0	596	0	0.0	450.00000	20
21	S-ZN	1063	0	36	0	0	0	84	0	200.00000	1500.0000	21
22	S-AS	1173	0	2	0	0	0	8	0	200.00000	1500.0000	22
23	S-B	1	0	33	0	0	0	1149	0	10.000000	500.00000	23
24	S-BE	177	0	304	0	0	0	702	0	1.0000000	7.0000000	24
25	S-SR	5	0	16	0	0	0	1162	0	100.00000	1500.0000	25
26	S-BA	0	0	0	0	0	0	1183	0	100.00000	1500.0000	26
27	S-LA	350	0	2	0	0	0	831	0	20.000000	500.00000	27
28	S-Y	5	0	5	0	0	0	1173	0	10.000000	300.00000	28
29	S-ZR	0	0	0	0	0	0	1183	0	15.000000	1000.0000	29

Table 5. Fisher K statistics on analytical data from stream sediments from the Glacier Peak Wilderness study area--continued

NO	COLUMN	K1	SQRT(K2)	K2	K3	G1	K4	G2	NO
		MEAN	STD DEVIATION	VARIANCE		SKEWNESS		KURTOSIS	
3	S-MG%	1.8602705	0.8178801	0.6689278	1.1655164	2.1303427	4.9371817	11.033684	3
4	S-CA%	2.1214708	1.0684424	1.1415691	6.2615489	5.1336763	88.869528	68.194441	4
5	S-FE%	5.6133672	3.0654460	9.3969592	80.919643	2.8091372	899.54925	10.187093	5
6	S-TI%	0.5600263	0.2311522	0.0534313	0.0060066	0.4863375	-0.0011483	-0.4022153	6
7	S-MN	1183.5465	675.92210	456870.69	6.4899263D+08	2.1015989	1.5996387D+12	7.6636440	7
8	S-V	174.23500	73.416059	5389.9177	582508.62	1.4720724	1.5555383D+08	5.3544696	8
9	S-CR	138.72034	136.14207	18534.663	12345556.	4.8925313	1.5231179D+10	44.336777	9
10	S-NI	54.051739	55.298878	3057.9659	1108564.9	6.5555958	7.8978840D+08	84.458909	10
11	S-CO	22.218352	12.293356	151.12660	3753.1557	2.0201574	101911.10	4.4621036	11
12	S-SC	21.290708	12.572108	158.05791	6243.1249	3.1417938	334078.96	13.372625	12
13	S-CU	43.394223	87.891859	7724.9788	12918853.	19.027337	2.4925129D+10	417.67918	13
14	S-MO	9.7627119	10.033288	100.66686	4255.1231	4.2129115	227691.79	22.468512	14
15	CM-W-P	3.6923077	9.4239109	88.810096	5015.3903	5.9925440	315554.43	40.008254	15
16	S-BI	10.000000	0.0	0.0	0.0	0.0	0.0	0.0	16
17	AA-AU-P	0.0313658	0.1117816	0.0124951	0.0086928	6.2236946	0.0065840	42.170786	17
18	S-PB	20.829596	21.424948	459.02839	119159.50	12.116281	49720516.	235.96986	18
19	S-AG	0.9469386	0.9381058	0.8800425	3.0389896	3.6810671	10.708801	13.827177	19
20	AA-ZN-P	58.699664	40.675334	1654.4828	250204.16	3.7179295	68225207.	24.924151	20
21	S-ZN	282.14286	166.58202	27749.570	23781464.	5.1446307	2.6720556D+10	34.700280	21
22	S-AS	575.00000	462.13789	213571.43	1.3985714D+08	1.4170002	5.3394286D+10	1.1705999	22
23	S-B	40.474326	48.131611	2316.6520	364797.94	3.2716074	95793815.	17.849081	23
24	S-BE	1.0954416	0.3093996	0.0957281	0.3174890	10.719374	1.7384049	189.70198	24
25	S-SR	418.41652	175.27114	30719.971	5542025.4	1.0292889	1.9422026D+09	2.0580358	25
26	S-BA	435.46069	165.46076	27377.262	3974027.0	0.8772953	2.3117707D+09	3.0843577	26
27	S-LA	40.806258	29.060796	844.52989	170075.72	6.9297852	61923464.	86.821082	27
28	S-Y	27.289003	24.193987	585.34900	106189.24	7.4982201	25273708.	73.763108	28
29	S-ZR	144.09129	91.442418	8361.7159	2630650.7	3.4404882	1.4119443D+09	20.194205	29

NOTE: THE ABOVE STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY.

Table 6. Frequency tables and histograms of analytical data from stream sediments from the Glacier Peak Wilderness study area

[The following qualifiers are used in reporting spectrographic data: --, no determination made; N, concentration less than the detection limit; L, detected, but present at a concentration less than the value reported; G, element present at a concentration greater than the upper calibration limit; and H, interfering spectra render analytical lines unusable.]

FREQUENCY TABLE FOR VARIABLE 3 (S-MG%)

LOG LIMITS LOWER	- UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
N		0	0	0.00	0.00		
L		0	0	0.00	0.00		
T		0	0	0.00	0.00		
-5.840E-01	-4.173E-01	1	1	0.08	0.08	1.357E-01	5.505E+00
-4.173E-01	-2.507E-01	6	7	0.51	0.59	3.491E+00	1.804E+00
-2.507E-01	-8.400E-02	27	34	2.28	2.87	3.915E+01	3.770E+00
-8.400E-02	8.267E-02	213	247	18.01	20.88	1.899E+02	2.810E+00
8.267E-02	2.493E-01	311	558	26.29	47.17	4.013E+02	2.031E+01
2.493E-01	4.160E-01	435	993	36.77	83.94	3.708E+02	1.110E+01
4.160E-01	5.827E-01	163	1156	13.78	97.72	1.498E+02	1.160E+00
5.827E-01	7.493E-01	26	1182	2.20	99.92	2.634E+01	4.276E-03
7.493E-01	9.160E-01	0	1182	0.00	99.92	1.999E+00	1.999E+00
9.160E-01	1.083E+00	1	1183	0.08	100.00	6.589E-02	1.324E+01
G		0	1183	0.00	100.00		
H		0	1183				
B		0	1183				
TOTALS LESS H AND B		1183				1.183E+03	6.170E+01

HISTOGRAM FOR VARIABLE 3 (S-MG%)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
3.157E-01
4.634E-01 X
6.802E-01 XX
9.985E-01 XXXXXXXXXXXXXXXXX
1.466E+00 XXXXXXXXXXXXXXXXXXXXXXXXX
2.151E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
3.157E+00 XXXXXXXXXXXXXX
4.634E+00 XX
6.803E+00
9.985E+00
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM ANTILOG      =  3.00000E-01
MAXIMUM ANTILOG      =  1.00000E+01
GEOMETRIC MEAN       =  1.71170E+00
GEOMETRIC DEVIATION  =  1.50187E+00
VARIANCE OF LOGS     =  3.11985E-02
```

Table 6. Frequency tables and histograms of analytical data from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 4 (S-CA%)

LOG LIMITS LOWER	- UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
N		0	0	0.00	0.00		
L		0	0	0.00	0.00		
T		0	0	0.00	0.00		
-4.170E-01	-2.503E-01	6	6	0.51	0.51	1.608E+00	1.199E+01
-2.503E-01	-8.367E-02	16	22	1.35	1.86	2.152E+01	1.415E+00
-8.367E-02	8.300E-02	136	158	11.50	13.36	1.281E+02	4.911E-01
8.300E-02	2.497E-01	209	367	17.67	31.02	3.414E+02	5.135E+01
2.497E-01	4.163E-01	545	912	46.07	77.09	4.095E+02	4.486E+01
4.163E-01	5.830E-01	212	1124	17.92	95.01	2.212E+02	3.789E-01
5.830E-01	7.497E-01	53	1177	4.48	99.49	5.363E+01	7.346E-03
7.497E-01	9.163E-01	5	1182	0.42	99.92	5.804E+00	1.113E-01
9.163E-01	1.083E+00	0	1182	0.00	99.92	0.000E+00	0.000E+00
1.083E+00	1.250E+00	0	1182	0.00	99.92	0.000E+00	0.000E+00
1.250E+00	1.416E+00	1	1183	0.08	100.00	2.842E-01	1.803E+00
G		0	1183	0.00	100.00		
H		0	1183				
B		0	1183				
TOTALS LESS H AND B		1183				1.183E+03	1.124E+02

HISTOGRAM FOR VARIABLE 4 (S-CA%)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
4.638E-01 X
6.808E-01 X
9.992E-01 XXXXXXXXXXX
1.467E+00 XXXXXXXXXXXXXXXXXX
2.153E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
3.160E+00 XXXXXXXXXXXXXXXXX
4.638E+00 XXXX
6.808E+00
9.992E+00
1.467E+01
2.153E+01
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM ANTILOG      =  5.00000E-01
MAXIMUM ANTILOG      =  2.00000E+01
GEOMETRIC MEAN       =  1.93936E+00
GEOMETRIC DEVIATION  =  1.51377E+00
VARIANCE OF LOGS     =  3.24220E-02
```

Table 6. Frequency tables and histograms of analytical data from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 5 (S-FE%)

LOG LIMITS LOWER	- UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
N		0	0	0.00	0.00		
L		0	0	0.00	0.00		
T		0	0	0.00	0.00		
-8.400E-02 -	8.267E-02	3	3	0.25	0.25	6.756E-01	7.997E+00
8.267E-02 -	2.493E-01	2	5	0.17	0.42	9.720E+00	6.131E+00
2.493E-01 -	4.160E-01	42	47	3.55	3.97	6.802E+01	9.954E+00
4.160E-01 -	5.827E-01	214	261	18.09	22.06	2.327E+02	1.500E+00
5.827E-01 -	7.493E-01	619	880	52.32	74.39	3.906E+02	1.336E+02
7.493E-01 -	9.160E-01	184	1064	15.55	89.94	3.222E+02	5.928E+01
9.160E-01 -	1.083E+00	79	1143	6.68	96.62	1.306E+02	2.037E+01
1.083E+00 -	1.249E+00	10	1153	0.85	97.46	2.591E+01	9.773E+00
1.249E+00 -	1.416E+00	29	1182	2.45	99.92	2.628E+00	2.646E+02
G		1	1183	0.08	100.00	2.309E-02	4.134E+01
H		0	1183				
B		0	1183				
TOTALS LESS H AND B		1183				1.183E+03	5.546E+02

HISTOGRAM FOR VARIABLE 5 (S-FE%)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
9.985E-01
1.466E+00
2.151E+00 XXXX
3.157E+00 XXXXXXXXXXXXXXXXX
4.634E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
6.802E+00 XXXXXXXXXXXXXXXX
9.985E+00 XXXXXXX
1.466E+01 X
2.151E+01 XX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM ANTILOG      =  1.00000E+00
MAXIMUM ANTILOG      =  2.00000E+01
GEOMETRIC MEAN       =  5.05452E+00
GEOMETRIC DEVIATION  =  1.55209E+00
VARIANCE OF LOGS     =  3.64496E-02
```

Table 6. Frequency tables and histograms of analytical data from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 6 (S-TI%)

LOG LIMITS LOWER	- UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N	0	0	0.00	0.00		
	L	0	0	0.00	0.00		
	T	0	0	0.00	0.00		
-1.584E+00	-1.417E+00	1	1	0.08	0.08	0.000E+00	0.000E+00
-1.417E+00	-1.251E+00	0	1	0.00	0.08	0.000E+00	0.000E+00
-1.251E+00	-1.084E+00	0	1	0.00	0.08	3.822E-02	3.822E-02
-1.084E+00	-9.173E-01	1	2	0.08	0.17	8.782E-01	1.689E-02
-9.173E-01	-7.507E-01	10	12	0.85	1.01	1.064E+01	3.811E-02
-7.507E-01	-5.840E-01	65	77	5.49	6.51	6.670E+01	4.313E-02
-5.840E-01	-4.173E-01	190	267	16.06	22.57	2.173E+02	3.428E+00
-4.173E-01	-2.507E-01	460	727	38.88	61.45	3.688E+02	2.253E+01
-2.507E-01	-8.400E-02	254	981	21.47	82.92	3.266E+02	1.616E+01
-8.400E-02	8.267E-02	159	1140	13.44	96.37	1.920E+02	5.665E+00
	G	43	1183	3.63	100.00	-1.526E-05	-1.212E+08
	H	0	1183				
	B	0	1183				
TOTALS LESS H AND B		1183				1.183E+03	-1.212E+08

HISTOGRAM FOR VARIABLE 6 (S-TI%)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
3.157E-02
4.634E-02
6.802E-02
9.985E-02
1.466E-01 X
2.151E-01 XXXXX
3.157E-01 XXXXXXXXXXXXXXXX
4.634E-01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
6.803E-01 XXXXXXXXXXXXXXXXXXXX
9.985E-01 XXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM ANTILOG      =  3.00000E-02
MAXIMUM ANTILOG      =  1.00000E+00
GEOMETRIC MEAN       =  5.10010E-01
GEOMETRIC DEVIATION  =  1.57321E+00
VARIANCE OF LOGS     =  3.87248E-02
```

Table 6. Frequency tables and histograms of analytical data from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 7 (S-MN)

LOG LIMITS LOWER	- UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
N		0	0	0.00	0.00		
L		0	0	0.00	0.00		
T		0	0	0.00	0.00		
2.250E+00 -	2.417E+00	3	3	0.25	0.25	4.511E+00	5.059E-01
2.417E+00 -	2.583E+00	17	20	1.44	1.69	2.834E+01	4.537E+00
2.583E+00 -	2.750E+00	128	148	10.82	12.51	1.071E+02	4.084E+00
2.750E+00 -	2.917E+00	258	406	21.81	34.32	2.437E+02	8.373E-01
2.917E+00 -	3.083E+00	370	776	31.28	65.60	3.344E+02	3.796E+00
3.083E+00 -	3.250E+00	174	950	14.71	80.30	2.767E+02	3.809E+01
3.250E+00 -	3.417E+00	182	1132	15.38	95.69	1.380E+02	1.402E+01
3.417E+00 -	3.583E+00	31	1163	2.62	98.31	4.148E+01	2.647E+00
3.583E+00 -	3.750E+00	10	1173	0.85	99.15	8.370E+00	3.174E-01
G		10	1183	0.85	100.00	4.567E-01	1.994E+02
H		0	1183				
B		0	1183				
TOTALS LESS H AND B		1183				1.183E+03	2.683E+02

HISTOGRAM FOR VARIABLE 7 (S-MN)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
2.154E+02
3.162E+02 X
4.642E+02 XXXXXXXXXXX
6.813E+02 XXXXXXXXXXXXXXXXXXXXX
1.000E+03 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
1.468E+03 XXXXXXXXXXXXXXX
2.154E+03 XXXXXXXXXXXXXXX
3.162E+03 XXX
4.642E+03 X
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM ANTILOG      =  2.00000E+02
MAXIMUM ANTILOG      =  5.00000E+03
GEOMETRIC MEAN       =  1.03540E+03
GEOMETRIC DEVIATION  =  1.66520E+00
VARIANCE OF LOGS     =  4.90476E-02
```

Table 6. Frequency tables and histograms of analytical data from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 8 (S-V)

LOG LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
9.160E-01	-	1.083E+00	1	1	0.08	0.08	0.000E+00	0.000E+00
1.083E+00	-	1.249E+00	0	1	0.00	0.08	0.000E+00	0.000E+00
1.249E+00	-	1.416E+00	1	2	0.08	0.17	1.641E-02	5.895E+01
1.416E+00	-	1.583E+00	3	5	0.25	0.42	5.472E-01	1.099E+01
1.583E+00	-	1.749E+00	23	28	1.94	2.37	8.696E+00	2.353E+01
1.749E+00	-	1.916E+00	40	68	3.38	5.75	6.533E+01	9.823E+00
1.916E+00	-	2.083E+00	222	290	18.77	24.51	2.334E+02	5.522E-01
2.083E+00	-	2.249E+00	323	613	27.30	51.82	3.980E+02	1.412E+01
2.249E+00	-	2.416E+00	428	1041	36.18	88.00	3.247E+02	3.285E+01
2.416E+00	-	2.583E+00	127	1168	10.74	98.73	1.267E+02	8.742E-04
2.583E+00	-	2.749E+00	14	1182	1.18	99.92	2.354E+01	3.867E+00
2.749E+00	-	2.916E+00	1	1183	0.08	100.00	2.162E+00	6.242E-01
	G		0	1183	0.00	100.00		
	H		0	1183				
	B		0	1183				
TOTALS LESS H AND B			1183				1.183E+03	1.553E+02

HISTOGRAM FOR VARIABLE 8 (S-V)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
 9.985E+00
 1.466E+01
 2.151E+01
 3.157E+01
 4.634E+01 XX
 6.802E+01 XXX
 9.985E+01 XXXXXXXXXXXXXXXXXX
 1.466E+02 XXXXXXXXXXXXXXXXXXXXXXXXXX
 2.151E+02 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
 3.157E+02 XXXXXXXXXXX
 4.635E+02 X
 6.803E+02
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM ANTILOG      =  1.00000E+01
MAXIMUM ANTILOG      =  7.00000E+02
GEOMETRIC MEAN       =  1.59714E+02
GEOMETRIC DEVIATION  =  1.54116E+00
VARIANCE OF LOGS     =  3.52872E-02
```

Table 6. Frequency tables and histograms of analytical data from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 9 (S-CR)

LOG LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		2	2	0.17	0.17		
	L		1	3	0.08	0.25		
	T		0	3	0.00	0.25	1.277E+00	2.323E+00
9.160E-01	-	1.083E+00	8	11	0.68	0.93	4.286E+00	3.219E+00
1.083E+00	-	1.249E+00	16	27	1.35	2.28	1.423E+01	2.211E-01
1.249E+00	-	1.416E+00	47	74	3.97	6.26	3.799E+01	2.135E+00
1.416E+00	-	1.583E+00	79	153	6.68	12.93	8.165E+01	8.573E-02
1.583E+00	-	1.749E+00	111	264	9.38	22.32	1.412E+02	6.450E+00
1.749E+00	-	1.916E+00	173	437	14.62	36.94	1.964E+02	2.798E+00
1.916E+00	-	2.083E+00	222	659	18.77	55.71	2.200E+02	1.877E-02
2.083E+00	-	2.249E+00	248	907	20.96	76.67	1.982E+02	1.250E+01
2.249E+00	-	2.416E+00	161	1068	13.61	90.28	1.437E+02	2.073E+00
2.416E+00	-	2.583E+00	63	1131	5.33	95.60	8.388E+01	5.196E+00
2.583E+00	-	2.749E+00	39	1170	3.30	98.90	3.939E+01	3.772E-03
2.749E+00	-	2.916E+00	7	1177	0.59	99.49	1.488E+01	4.173E+00
2.916E+00	-	3.083E+00	4	1181	0.34	99.83	4.523E+00	6.054E-02
3.083E+00	-	3.249E+00	1	1182	0.08	99.92	1.106E+00	1.019E-02
3.249E+00	-	3.416E+00	1	1183	0.08	100.00	2.569E-01	2.149E+00
	G		0	1183	0.00	100.00		
	H		0	1183				
	B		0	1183				
TOTALS LESS H AND B			1183				1.183E+03	4.342E+01

HISTOGRAM FOR VARIABLE 9 (S-CR)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
9.985E+00 X
1.466E+01 X
2.151E+01 XXXX
3.157E+01 XXXXXXX
4.634E+01 XXXXXXXXX
6.802E+01 XXXXXXXXXXXXXXX
9.985E+01 XXXXXXXXXXXXXXXXXXX
1.466E+02 XXXXXXXXXXXXXXXXXXXXX
2.151E+02 XXXXXXXXXXXXXX
3.157E+02 XXXXX
4.635E+02 XXX
6.803E+02 X
9.985E+02
1.466E+03
2.151E+03
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM ANTILOG	=	1.00000E+01	GEOMETRIC MEAN	=	1.01235E+02
MAXIMUM ANTILOG	=	2.00000E+03	GEOMETRIC DEVIATION	=	2.24450E+00
			VARIANCE OF LOGS	=	1.23285E-01

Table 6. Frequency tables and histograms of analytical data from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 10 (S-NI)

LOG LIMITS LOWER	- UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
N		3	3	0.25	0.25		
L		1	4	0.08	0.34		
T		0	4	0.00	0.34	1.405E+00	4.796E+00
5.830E-01 -	7.497E-01	7	11	0.59	0.93	5.144E+00	6.699E-01
7.497E-01 -	9.163E-01	11	22	0.93	1.86	1.779E+01	2.593E+00
9.163E-01 -	1.083E+00	40	62	3.38	5.24	4.823E+01	1.405E+00
1.083E+00 -	1.250E+00	85	147	7.19	12.43	1.025E+02	2.984E+00
1.250E+00 -	1.416E+00	207	354	17.50	29.92	1.707E+02	7.708E+00
1.416E+00 -	1.583E+00	199	553	16.82	46.75	2.230E+02	2.573E+00
1.583E+00 -	1.750E+00	273	826	23.08	69.82	2.283E+02	8.766E+00
1.750E+00 -	1.916E+00	164	990	13.86	83.69	1.832E+02	2.017E+00
1.916E+00 -	2.083E+00	124	1114	10.48	94.17	1.153E+02	6.563E-01
2.083E+00 -	2.250E+00	38	1152	3.21	97.38	5.688E+01	6.267E+00
2.250E+00 -	2.416E+00	20	1172	1.69	99.07	2.199E+01	1.809E-01
2.416E+00 -	2.583E+00	7	1179	0.59	99.66	6.666E+00	1.672E-02
2.583E+00 -	2.750E+00	3	1182	0.25	99.92	1.583E+00	1.268E+00
2.750E+00 -	2.916E+00	0	1182	0.00	99.92	2.947E-01	2.947E-01
2.916E+00 -	3.083E+00	1	1183	0.08	100.00	4.836E-02	1.873E+01
G		0	1183	0.00	100.00		
H		0	1183				
B		0	1183				
TOTALS LESS H AND B		1183				1.183E+03	6.092E+01

HISTOGRAM FOR VARIABLE 10 (S-NI)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
4.638E+00 X
6.808E+00 X
9.992E+00 XXX
1.467E+01 XXXXXXX
2.153E+01 XXXXXXXXXXXXXXXXX
3.160E+01 XXXXXXXXXXXXXXXX
4.638E+01 XXXXXXXXXXXXXXXXXXXXXXX
6.808E+01 XXXXXXXXXXXXX
9.992E+01 XXXXXXXXXX
1.467E+02 XXX
2.153E+02 XX
3.160E+02 X
4.638E+02
6.808E+02
9.992E+02
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM ANTILOG = 5.00000E+00
MAXIMUM ANTILOG = 1.00000E+03

GEOMETRIC MEAN = 4.00119E+01
GEOMETRIC DEVIATION = 2.14188E+00
VARIANCE OF LOGS = 1.09426E-01

Table 6. Frequency tables and histograms of analytical data from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 11 (S-CO)

LOG LIMITS LOWER	- UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N	4	4	0.34	0.34		
	L	2	6	0.17	0.51		
	I	0	6	0.00	0.51	3.884E-01	8.108E+01
5.830E-01 -	7.497E-01	11	17	0.93	1.44	5.018E+00	7.130E+00
7.497E-01 -	9.163E-01	18	35	1.52	2.96	3.651E+01	9.383E+00
9.163E-01 -	1.083E+00	122	157	10.31	13.27	1.441E+02	3.381E+00
1.083E+00 -	1.250E+00	260	417	21.98	35.25	3.092E+02	7.820E+00
1.250E+00 -	1.416E+00	485	902	41.00	76.25	3.614E+02	4.231E+01
1.416E+00 -	1.583E+00	173	1075	14.62	90.87	2.301E+02	1.417E+01
1.583E+00 -	1.750E+00	80	1155	6.76	97.63	7.975E+01	7.549E-04
1.750E+00 -	1.916E+00	28	1183	2.37	100.00	1.663E+01	7.767E+00
	G	0	1183	0.00	100.00		
	H	0	1183				
	B	0	1183				
TOTALS LESS H AND B		1183				1.183E+03	1.730E+02

HISTOGRAM FOR VARIABLE 11 (S-CO)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
4.633E+00 X
6.808E+00 XX
9.992E+00 XXXXXXXXXX
1.467E+01 XXXXXXXXXXXXXXXXXXXX
2.153E+01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
3.160E+01 XXXXXXXXXXXXXX
4.638E+01 XXXXXXX
6.808E+01 XX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM ANTILOG      =  5.00000E+00
MAXIMUM ANTILOG      =  7.00000E+01
GEOMETRIC MEAN       =  1.97470E+01
GEOMETRIC DEVIATION  =  1.60100E+00
VARIANCE OF LOGS     =  4.17755E-02
```

Table 6. Frequency tables and histograms of analytical data from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 12 (S-SC)

LOG LIMITS LOWER	- UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
N		4	4	0.34	0.34		
L		3	7	0.25	0.59		
T		0	7	0.00	0.59	4.641E-01	9.204E+01
5.830E-01 -	7.497E-01	13	20	1.10	1.69	5.893E+00	8.571E+00
7.497E-01 -	9.163E-01	17	37	1.44	3.13	4.171E+01	1.464E+01
9.163E-01 -	1.083E+00	133	170	11.24	14.37	1.585E+02	4.107E+00
1.083E+00 -	1.250E+00	300	470	25.36	39.73	3.244E+02	1.829E+00
1.250E+00 -	1.416E+00	448	918	37.87	77.60	3.579E+02	2.269E+01
1.416E+00 -	1.583E+00	201	1119	16.99	94.59	2.130E+02	6.739E-01
1.583E+00 -	1.750E+00	27	1146	2.28	96.87	6.828E+01	2.496E+01
1.750E+00 -	1.916E+00	26	1172	2.20	99.07	1.177E+01	1.722E+01
1.916E+00 -	2.083E+00	8	1180	0.68	99.75	1.142E+00	4.121E+01
G		3	1183	0.25	100.00	0.000E+00	0.000E+00
H		0	1183				
B		0	1183				
TOTALS LESS H AND B		1183				1.183E+03	2.279E+02

HISTOGRAM FOR VARIABLE 12 (S-SC)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
4.633E+00 X
6.808E+00 X
9.992E+00 XXXXXXXXXXX
1.467E+01 XXXXXXXXXXXXXXXXXXXXXXXXX
2.153E+01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
3.160E+01 XXXXXXXXXXXXXXXXX
4.638E+01 XX
6.808E+01 XX
9.992E+01 X
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM ANTILOG      =  5.00000E+00
MAXIMUM ANTILOG      =  1.00000E+02
GEOMETRIC MEAN       =  1.89594E+01
GEOMETRIC DEVIATION  =  1.58163E+00
VARIANCE OF LOGS     =  3.96433E-02
```

Table 6. Frequency tables and histograms of analytical data from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 13 (S-CU)

LOG LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		6	6	0.51	0.51		
	T		0	6	0.00	0.51	3.081E+00	2.766E+00
5.830E-01	-	7.497E-01	16	22	1.35	1.86	1.031E+01	3.137E+00
7.497E-01	-	9.163E-01	15	37	1.27	3.13	3.249E+01	9.415E+00
9.163E-01	-	1.083E+00	72	109	6.09	9.21	7.899E+01	6.187E-01
1.083E+00	-	1.250E+00	124	233	10.48	19.70	1.482E+02	3.957E+00
1.250E+00	-	1.416E+00	275	508	23.25	42.94	2.147E+02	1.696E+01
1.416E+00	-	1.583E+00	190	698	16.06	59.00	2.400E+02	1.041E+01
1.583E+00	-	1.750E+00	286	984	24.18	83.18	2.071E+02	3.005E+01
1.750E+00	-	1.916E+00	113	1097	9.55	92.73	1.380E+02	4.517E+00
1.916E+00	-	2.083E+00	57	1154	4.82	97.55	7.094E+01	2.738E+00
2.083E+00	-	2.250E+00	14	1168	1.18	98.73	2.815E+01	7.112E+00
2.250E+00	-	2.416E+00	10	1178	0.85	99.58	8.619E+00	2.212E-01
2.416E+00	-	2.583E+00	2	1180	0.17	99.75	2.036E+00	6.520E-04
2.583E+00	-	2.750E+00	1	1181	0.08	99.83	3.712E-01	1.065E+00
2.750E+00	-	2.916E+00	0	1181	0.00	99.83	0.000E+00	0.000E+00
2.916E+00	-	3.083E+00	0	1181	0.00	99.83	0.000E+00	0.000E+00
3.083E+00	-	3.250E+00	0	1181	0.00	99.83	0.000E+00	0.000E+00
3.250E+00	-	3.416E+00	2	1183	0.17	100.00	5.835E-02	6.461E+01
	G		0	1183	0.00	100.00		
	H		0	1183				
	B		0	1183				
TOTALS LESS H AND B			1183				1.183E+03	1.576E+02

HISTOGRAM FOR VARIABLE 13 (S-CU)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
4.638E+00 X
6.808E+00 X
9.992E+00 XXXXXX
1.467E+01 XXXXXXXXXX
2.153E+01 XXXXXXXXXXXXXXXXXXXXXX
3.160E+01 XXXXXXXXXXXXXXX
4.638E+01 XXXXXXXXXXXXXXXXXXXXXXXX
6.808E+01 XXXXXXXXXX
9.992E+01 XXXXX
1.467E+02 X
2.153E+02 X
3.160E+02
4.638E+02
6.808E+02
9.992E+02
1.467E+03
2.153E+03
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM ANTILOG	=	5.00000E+00
MAXIMUM ANTILOG	=	2.00000E+03
GEOMETRIC MEAN	=	3.10565E+01
GEOMETRIC DEVIATION	=	2.08854E+00
VARIANCE OF LOGS	=	1.02299E-01

Table 6. Frequency tables and histograms of analytical data from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 14 (S-MO)

LOG LIMITS LOWER	- UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
N		1109	1109	93.74	93.74		
L		15	1124	1.27	95.01		
T		0	1124	0.00	95.01	4.389E+01	2.658E+04
5.830E-01 -	7.497E-01	28	1152	2.37	97.38	8.101E+02	7.551E+02
7.497E-01 -	9.163E-01	13	1165	1.10	98.48	3.272E+02	3.017E+02
9.163E-01 -	1.083E+00	8	1173	0.68	99.15	0.000E+00	0.000E+00
1.083E+00 -	1.250E+00	1	1174	0.08	99.24	0.000E+00	0.000E+00
1.250E+00 -	1.416E+00	6	1180	0.51	99.75	0.000E+00	0.000E+00
1.416E+00 -	1.583E+00	2	1182	0.17	99.92	0.000E+00	0.000E+00
1.583E+00 -	1.750E+00	0	1182	0.00	99.92	0.000E+00	0.000E+00
1.750E+00 -	1.916E+00	1	1183	0.08	100.00	1.807E+00	3.602E-01
G		0	1183	0.00	100.00		
H		0	1183				
B		0	1183				
TOTALS LESS H AND B		1183				1.183E+03	2.764E+04

HISTOGRAM FOR VARIABLE 14 (S-MO)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
4.638E+00 XX
6.808E+00 X
9.992E+00 X
1.467E+01
2.153E+01 X
3.160E+01
4.638E+01
6.808E+01
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM ANTILOG      =  5.00000E+00
MAXIMUM ANTILOG      =  7.00000E+01
GEOMETRIC MEAN       =  7.71085E+00
GEOMETRIC DEVIATION  =  1.80866E+00
VARIANCE OF LOGS     =  6.62321E-02
```

Table 6. Frequency tables and histograms of analytical data from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 15 (CM-W-P)

LOG LIMITS LOWER	- UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
N		246	246	60.44	60.44		
L		97	343	23.83	84.28		
T		0	343	0.00	84.28	1.024E+02	5.657E+02
-8.400E-02 -	8.267E-02	40	383	9.83	94.10	1.404E+02	7.175E+01
8.267E-02 -	2.493E-01	0	383	0.00	94.10	1.140E+02	1.140E+02
2.493E-01 -	4.160E-01	9	392	2.21	96.31	4.247E+01	2.638E+01
4.160E-01 -	5.827E-01	5	397	1.23	97.54	7.224E+00	6.847E-01
5.827E-01 -	7.493E-01	3	400	0.74	98.28	5.576E-01	1.070E+01
7.493E-01 -	9.160E-01	1	401	0.25	98.53	0.000E+00	0.000E+00
9.160E-01 -	1.083E+00	3	404	0.74	99.26	0.000E+00	0.000E+00
1.083E+00 -	1.249E+00	1	405	0.25	99.51	0.000E+00	0.000E+00
1.249E+00 -	1.416E+00	0	405	0.00	99.51	0.000E+00	0.000E+00
1.416E+00 -	1.583E+00	1	406	0.25	99.75	0.000E+00	0.000E+00
1.583E+00 -	1.749E+00	0	406	0.00	99.75	0.000E+00	0.000E+00
1.749E+00 -	1.916E+00	1	407	0.25	100.00	1.970E-02	4.878E+01
G		0	407	0.00	100.00		
H		0	407				
B		776	1183				
TOTALS LESS H AND B		407				4.070E+02	8.380E+02

HISTOGRAM FOR VARIABLE 15 (CM-W-P)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
9.985E-01 XXXXXXXXXX
1.466E+00
2.151E+00 XX
3.157E+00 X
4.634E+00 X
6.802E+00
9.985E+00 X
1.466E+01
2.151E+01
3.157E+01
4.635E+01
6.803E+01
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM ANTILOG      =  1.00000E+00
MAXIMUM ANTILOG      =  7.00000E+01
GEOMETRIC MEAN       =  1.74879E+00
GEOMETRIC DEVIATION  =  2.54081E+00
VARIANCE OF LOGS     =  1.64002E-01
```

Table 6. Frequency tables and histograms of analytical data from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 17 (AA-AU-P)

LOG LIMITS LOWER	- UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N	689	689	62.64	62.64		
	L	155	844	14.09	76.73		
	T	0	844	0.00	76.73	1.077E+02	5.031E+03
-2.750E+00	-2.583E+00	51	895	4.64	81.36	5.297E+01	7.312E-02
-2.583E+00	-2.417E+00	42	937	3.82	85.18	6.812E+01	1.002E+01
-2.417E+00	-2.250E+00	55	992	5.00	90.18	8.273E+01	9.294E+00
-2.250E+00	-2.083E+00	36	1028	3.27	93.45	9.487E+01	3.653E+01
-2.083E+00	-1.917E+00	16	1044	1.45	94.91	1.027E+02	7.322E+01
-1.917E+00	-1.750E+00	0	1044	0.00	94.91	1.050E+02	1.050E+02
-1.750E+00	-1.583E+00	16	1060	1.45	96.36	1.014E+02	7.194E+01
-1.583E+00	-1.417E+00	7	1067	0.64	97.00	9.247E+01	7.900E+01
-1.417E+00	-1.250E+00	13	1080	1.18	98.18	7.961E+01	5.573E+01
-1.250E+00	-1.083E+00	2	1082	0.18	98.36	6.472E+01	6.078E+01
-1.083E+00	-9.167E-01	7	1089	0.64	99.00	4.968E+01	3.667E+01
-9.167E-01	-7.500E-01	1	1090	0.09	99.09	3.601E+01	3.404E+01
-7.500E-01	-5.833E-01	3	1093	0.27	99.36	2.465E+01	1.902E+01
-5.833E-01	-4.167E-01	1	1094	0.09	99.45	1.593E+01	1.400E+01
-4.167E-01	-2.500E-01	1	1095	0.09	99.55	9.724E+00	7.827E+00
-2.500E-01	-8.333E-02	3	1098	0.27	99.82	5.604E+00	1.210E+00
-8.333E-02	8.334E-02	2	1100	0.18	100.00	5.975E+00	2.645E+00
	G	0	1100	0.00	100.00		
	H	0	1100				
	B	83	1183				
TOTALS LESS H AND B		1100				1.100E+03	5.648E+03

HISTOGRAM FOR VARIABLE 17 (AA-AU-P)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
2.154E-03 XXXXX
3.162E-03 XXXX
4.642E-03 XXXXX
6.813E-03 XXX
1.000E-02 X
1.468E-02
2.154E-02 X
3.162E-02 X
4.642E-02 X
6.813E-02
1.000E-01 X
1.468E-01
2.154E-01
3.162E-01
4.642E-01
6.813E-01
1.000E+00
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM ANTILOG      =  2.00000E-03
MAXIMUM ANTILOG      =  1.00000E+00
GEOMETRIC MEAN       =  6.98638E-03
GEOMETRIC DEVIATION  =  3.75284E+00
VARIANCE OF LOGS     =  3.29889E-01
```

Table 6. Frequency tables and histograms of analytical data from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 18 (S-PB)

LOG LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		12	12	1.01	1.01		
	L		56	68	4.73	5.75		
	T		0	68	0.00	5.75	9.315E+01	6.791E+00
9.160E-01	-	1.083E+00	317	385	26.80	32.54	2.067E+02	5.890E+01
1.083E+00	-	1.249E+00	241	626	20.37	52.92	3.323E+02	2.509E+01
1.249E+00	-	1.416E+00	345	971	29.16	82.08	3.124E+02	3.395E+00
1.416E+00	-	1.583E+00	133	1104	11.24	93.32	1.717E+02	8.742E+00
1.583E+00	-	1.749E+00	55	1159	4.65	97.97	5.515E+01	4.334E-04
1.749E+00	-	1.916E+00	10	1169	0.85	98.82	1.033E+01	1.066E-02
1.916E+00	-	2.083E+00	9	1178	0.76	99.58	1.127E+00	5.501E+01
2.083E+00	-	2.249E+00	2	1180	0.17	99.75	0.000E+00	0.000E+00
2.249E+00	-	2.416E+00	2	1182	0.17	99.92	0.000E+00	0.000E+00
2.416E+00	-	2.583E+00	0	1182	0.00	99.92	0.000E+00	0.000E+00
2.583E+00	-	2.749E+00	1	1183	0.08	100.00	7.410E-02	1.157E+01
	G		0	1183	0.00	100.00		
	H		0	1183				
	B		0	1183				
TOTALS LESS H AND B			1183				1.183E+03	1.695E+02

HISTOGRAM FOR VARIABLE 18 (S-PB)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
 9.985E+00 XXXXXXXXXXXXXXXXXXXXXXXXXX
 1.466E+01 XXXXXXXXXXXXXXXXXXX
 2.151E+01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
 3.157E+01 XXXXXXXXXXX
 4.634E+01 XXXXX
 6.802E+01 X
 9.985E+01 X
 1.466E+02
 2.151E+02
 3.157E+02
 4.635E+02
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM ANTILOG      =  1.00000E+01
MAXIMUM ANTILOG      =  5.00000E+02
GEOMETRIC MEAN       =  1.75474E+01
GEOMETRIC DEVIATION  =  1.66463E+00
VARIANCE OF LOGS     =  4.89813E-02
```

Table 6. Frequency tables and histograms of analytical data from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 19 (S-AG)

LOG LIMITS LOWER	- UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N	1112	1112	94.00	94.00		
	L	22	1134	1.86	95.86		
	T	0	1134	0.00	95.86	2.473E+01	4.975E+04
-4.170E-01	- -2.503E-01	22	1156	1.86	97.72	8.749E+02	8.315E+02
-2.503E-01	- -8.367E-02	7	1163	0.59	98.31	2.830E+02	2.692E+02
-8.367E-02	- 8.300E-02	16	1179	1.35	99.66	0.000E+00	0.000E+00
8.300E-02	- 2.497E-01	1	1180	0.08	99.75	0.000E+00	0.000E+00
2.497E-01	- 4.163E-01	0	1180	0.00	99.75	0.000E+00	0.000E+00
4.163E-01	- 5.830E-01	1	1181	0.08	99.83	0.000E+00	0.000E+00
5.830E-01	- 7.497E-01	2	1183	0.17	100.00	3.302E-01	8.444E+00
	G	0	1183	0.00	100.00		
	H	0	1183				
	B	0	1183				
TOTALS LESS H AND B		1183				1.183E+03	5.086E+04

HISTOGRAM FOR VARIABLE 19 (S-AG)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
4.638E-01 XX
6.808E-01 X
9.992E-01 X
1.467E+00
2.153E+00
3.160E+00
4.638E+00
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM ANTILOG      =  5.00000E-01
MAXIMUM ANTILOG      =  5.00000E+00
GEOMETRIC MEAN       =  7.66611E-01
GEOMETRIC DEVIATION  =  1.73428E+00
VARIANCE OF LOGS     =  5.71777E-02
```

Table 6. Frequency tables and histograms of analytical data from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 20 (AA-ZN-P)

LOG LIMITS LOWER	- UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
N		0	0	0.00	0.00		
L		0	0	0.00	0.00		
T		0	0	0.00	0.00		
9.160E-01 -	1.083E+00	9	9	1.51	1.51	3.879E+00	6.760E+00
1.083E+00 -	1.249E+00	13	22	2.18	3.70	1.834E+01	1.556E+00
1.249E+00 -	1.416E+00	67	89	11.26	14.96	5.679E+01	1.836E+00
1.416E+00 -	1.583E+00	83	172	13.95	28.91	1.152E+02	9.005E+00
1.583E+00 -	1.749E+00	173	345	29.08	57.98	1.532E+02	2.550E+00
1.749E+00 -	1.916E+00	149	494	25.04	83.03	1.336E+02	1.767E+00
1.916E+00 -	2.083E+00	75	569	12.61	95.63	7.641E+01	2.600E-02
2.083E+00 -	2.249E+00	15	584	2.52	98.15	2.863E+01	6.492E+00
2.249E+00 -	2.416E+00	7	591	1.18	99.33	7.028E+00	1.153E-04
2.416E+00 -	2.583E+00	3	594	0.50	99.83	1.129E+00	3.100E+00
2.583E+00 -	2.749E+00	1	595	0.17	100.00	1.271E-01	5.994E+00
G		0	595	0.00	100.00		
H		0	595				
B		588	1183				
TOTALS LESS H AND B		595				5.944E+02	3.909E+01

HISTOGRAM FOR VARIABLE 20 (AA-ZN-P)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
 9.985E+00 XX
 1.466E+01 XX
 2.151E+01 XXXXXXXXXXX
 3.157E+01 XXXXXXXXXXXXXX
 4.634E+01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
 6.802E+01 XXXXXXXXXXXXXXXXXXXXXXXXX
 9.985E+01 XXXXXXXXXXXX
 1.466E+02 XXX
 2.151E+02 X
 3.157E+02 X
 4.635E+02
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM ANTILOG      =  1.00000E+01
MAXIMUM ANTILOG      =  4.50000E+02
GEOMETRIC MEAN       =  4.95782E+01
GEOMETRIC DEVIATION  =  1.78610E+00
VARIANCE OF LOGS     =  6.34560E-02
```

Table 6. Frequency tables and histograms of analytical data from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 21 (S-ZN)

LOG LIMITS LOWER	- UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
N		1063	1063	89.86	89.86		
L		36	1099	3.04	92.90		
T		0	1099	0.00	92.90	1.444E+02	6.313E+03
2.250E+00 -	2.417E+00	45	1144	3.80	96.70	1.019E+03	9.307E+02
2.417E+00 -	2.583E+00	30	1174	2.54	99.24	0.000E+00	0.000E+00
2.583E+00 -	2.750E+00	7	1181	0.59	99.83	0.000E+00	0.000E+00
2.750E+00 -	2.917E+00	1	1182	0.08	99.92	0.000E+00	0.000E+00
2.917E+00 -	3.083E+00	0	1182	0.00	99.92	0.000E+00	0.000E+00
3.083E+00 -	3.250E+00	1	1183	0.08	100.00	1.996E+01	1.801E+01
G		0	1183	0.00	100.00		
H		0	1183				
B		0	1183				
TOTALS LESS H AND B		1183				1.183E+03	7.261E+03

HISTOGRAM FOR VARIABLE 21 (S-ZN)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
2.154E+02 XXXX
3.162E+02 XXX
4.642E+02 X
6.813E+02
1.000E+03
1.468E+03
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM ANTILOG      = 2.00000E+02
MAXIMUM ANTILOG      = 1.50000E+03
GEOMETRIC MEAN       = 2.59404E+02
GEOMETRIC DEVIATION  = 1.43334E+00
VARIANCE OF LOGS     = 2.44449E-02
```

Table 6. Frequency tables and histograms of analytical data from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 22 (S-AS)

LOG LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		1173	1173	99.15	99.15		
	L		2	1175	0.17	99.32		
	T		0	1175	0.00	99.32	9.263E+01	1.265E+04
2.250E+00	-	2.417E+00	1	1176	0.08	99.41	1.089E+03	1.087E+03
2.417E+00	-	2.583E+00	4	1180	0.34	99.75	0.000E+00	0.000E+00
2.583E+00	-	2.750E+00	0	1180	0.00	99.75	0.000E+00	0.000E+00
2.750E+00	-	2.917E+00	1	1181	0.08	99.83	0.000E+00	0.000E+00
2.917E+00	-	3.083E+00	1	1182	0.08	99.92	0.000E+00	0.000E+00
3.083E+00	-	3.250E+00	1	1183	0.08	100.00	1.578E+00	2.116E-01
	G		0	1183	0.00	100.00		
	H		0	1183				
	B		0	1183				
TOTALS LESS H AND B			1183				1.183E+03	1.374E+04

HISTOGRAM FOR VARIABLE 22 (S-AS)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

2.154E+02
3.162E+02
4.642E+02
6.813E+02
1.000E+03
1.468E+03

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM ANTILOG = 2.00000E+02
MAXIMUM ANTILOG = 1.50000E+03
GEOMETRIC MEAN = 4.50649E+02
GEOMETRIC DEVIATION = 2.04807E+00
VARIANCE OF LOGS = 9.69350E-02

Table 6. Frequency tables and histograms of analytical data from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 23 (S-B)

LOG LIMITS LOWER	- UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
N		1	1	0.08	0.08		
L		33	34	2.79	2.87		
T		0	34	0.00	2.87	1.149E+02	5.697E+01
9.160E-01 -	1.083E+00	270	304	22.82	25.70	1.171E+02	1.998E+02
1.083E+00 -	1.249E+00	127	431	10.74	36.43	1.699E+02	1.083E+01
1.249E+00 -	1.416E+00	314	745	26.54	62.98	2.034E+02	6.017E+01
1.416E+00 -	1.583E+00	94	839	7.95	70.92	2.008E+02	5.681E+01
1.583E+00 -	1.749E+00	114	953	9.64	80.56	1.636E+02	1.501E+01
1.749E+00 -	1.916E+00	65	1018	5.49	86.05	1.099E+02	1.832E+01
1.916E+00 -	2.083E+00	95	1113	8.03	94.08	6.088E+01	1.912E+01
2.083E+00 -	2.249E+00	37	1150	3.13	97.21	2.782E+01	3.028E+00
2.249E+00 -	2.416E+00	28	1178	2.37	99.58	1.049E+01	2.925E+01
2.416E+00 -	2.583E+00	3	1181	0.25	99.83	3.260E+00	2.069E-02
2.583E+00 -	2.749E+00	2	1183	0.17	100.00	1.048E+00	8.645E-01
G		0	1183	0.00	100.00		
H		0	1183				
B		0	1183				
TOTALS LESS H AND B		1183				1.183E+03	4.702E+02

HISTOGRAM FOR VARIABLE 23 (S-B)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
 9.985E+00 XXXXXXXXXXXXXXXXXXXXXX
 1.466E+01 XXXXXXXXXXX
 2.151E+01 XXXXXXXXXXXXXXXXXXXXXXXXXXX
 3.157E+01 XXXXXXXX
 4.634E+01 XXXXXXXXXX
 6.802E+01 XXXXX
 9.985E+01 XXXXXXXX
 1.466E+02 XXX
 2.151E+02 XX
 3.157E+02
 4.635E+02
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM ANTILOG      =  1.00000E+01
MAXIMUM ANTILOG      =  5.00000E+02
GEOMETRIC MEAN       =  2.61211E+01
GEOMETRIC DEVIATION  =  2.37501E+00
VARIANCE OF LOGS     =  1.41125E-01
```

Table 6. Frequency tables and histograms of analytical data from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 24 (S-BE)

LOG LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		177	177	14.96	14.96		
	L		304	481	25.70	40.66		
	T		0	481	0.00	40.66	5.769E+01	3.106E+03
-8.400E-02	-	8.267E-02	593	1074	50.13	90.79	9.498E+02	1.340E+02
8.267E-02	-	2.493E-01	94	1168	7.95	98.73	1.754E+02	3.780E+01
2.493E-01	-	4.160E-01	14	1182	1.18	99.92	0.000E+00	0.000E+00
4.160E-01	-	5.827E-01	0	1182	0.00	99.92	0.000E+00	0.000E+00
5.827E-01	-	7.493E-01	0	1182	0.00	99.92	0.000E+00	0.000E+00
7.493E-01	-	9.160E-01	1	1183	0.08	100.00	1.073E-01	7.428E+00
	G		0	1183	0.00	100.00		
	H		0	1183				
	B		0	1183				
TOTALS LESS H AND B			1183				1.183E+03	3.286E+03

HISTOGRAM FOR VARIABLE 24 (S-BE)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
 9.985E-01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
 1.466E+00 XXXXXXXX
 2.151E+00 X
 3.157E+00
 4.634E+00
 6.802E+00
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM ANTILOG = 1.00000E+00
MAXIMUM ANTILOG = 7.00000E+00
GEOMETRIC MEAN = 1.07346E+00
GEOMETRIC DEVIATION = 1.19592E+00
VARIANCE OF LOGS = 6.03746E-03

Table 6. Frequency tables and histograms of analytical data from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 25 (S-SR)

LOG LIMITS LOWER	- UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
N		5	5	0.42	0.42		
L		16	21	1.35	1.78		
T		0	21	0.00	1.78	5.178E-01	8.102E+02
1.916E+00 -	2.083E+00	13	34	1.10	2.87	7.154E+00	4.777E+00
2.083E+00 -	2.249E+00	8	42	0.68	3.55	5.191E+01	3.714E+01
2.249E+00 -	2.416E+00	125	167	10.57	14.12	1.917E+02	2.320E+01
2.416E+00 -	2.583E+00	430	597	36.35	50.46	3.615E+02	1.297E+01
2.583E+00 -	2.749E+00	444	1041	37.53	88.00	3.488E+02	2.599E+01
2.749E+00 -	2.916E+00	116	1157	9.81	97.80	1.721E+02	1.830E+01
2.916E+00 -	3.083E+00	25	1182	2.11	99.92	4.337E+01	7.780E+00
3.083E+00 -	3.249E+00	1	1183	0.08	100.00	5.933E+00	4.101E+00
G		0	1183	0.00	100.00		
H		0	1183				
B		0	1183				
TOTALS LESS H AND B		1183				1.183E+03	9.445E+02

HISTOGRAM FOR VARIABLE 25 (S-SR)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
9.985E+01 X
1.466E+02 X
2.151E+02 XXXXXXXXXX
3.157E+02 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
4.634E+02 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
6.802E+02 XXXXXXXXXX
9.985E+02 XX
1.466E+03
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM ANTILOG      =  1.00000E+02
MAXIMUM ANTILOG      =  1.50000E+03
GEOMETRIC MEAN       =  3.83815E+02
GEOMETRIC DEVIATION  =  1.52618E+00
VARIANCE OF LOGS     =  3.37113E-02
```

Table 6. Frequency tables and histograms of analytical data from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 27 (S-LA)

LOG LIMITS LOWER	- UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
N		350	350	29.59	29.59		
L		2	352	0.17	29.75		
T		0	352	0.00	29.75	1.702E+02	1.943E+02
1.250E+00 -	1.417E+00	275	627	23.25	53.00	2.902E+02	7.946E-01
1.417E+00 -	1.583E+00	130	757	10.99	63.99	3.577E+02	1.449E+02
1.583E+00 -	1.750E+00	375	1132	31.70	95.69	2.467E+02	6.673E+01
1.750E+00 -	1.917E+00	23	1155	1.94	97.63	9.515E+01	5.471E+01
1.917E+00 -	2.083E+00	15	1170	1.27	98.90	2.049E+01	1.470E+00
2.083E+00 -	2.250E+00	7	1177	0.59	99.49	2.457E+00	8.398E+00
2.250E+00 -	2.417E+00	4	1181	0.34	99.83	0.000E+00	0.000E+00
2.417E+00 -	2.583E+00	1	1182	0.08	99.92	0.000E+00	0.000E+00
2.583E+00 -	2.750E+00	1	1183	0.08	100.00	1.699E-01	4.056E+00
G		0	1183	0.00	100.00		
H		0	1183				
B		0	1183				
TOTALS LESS H AND B		1183				1.183E+03	4.753E+02

HISTOGRAM FOR VARIABLE 27 (S-LA)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
2.154E+01 XXXXXXXXXXXXXXXXXXXXXXX
3.162E+01 XXXXXXXXXXX
4.642E+01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
6.813E+01 XX
1.000E+02 X
1.468E+02 X
2.154E+02
3.162E+02
4.642E+02
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM ANTILOG      =  2.00000E+01
MAXIMUM ANTILOG      =  5.00000E+02
GEOMETRIC MEAN       =  3.55722E+01
GEOMETRIC DEVIATION  =  1.63967E+00
VARIANCE OF LOGS     =  4.61206E-02
```

Table 6. Frequency tables and histograms of analytical data from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 26 (S-BA)

LOG LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
1.916E+00	-	2.083E+00	14	14	1.18	1.18	1.713E+00	8.815E+01
2.083E+00	-	2.249E+00	15	29	1.27	2.45	2.369E+01	3.189E+00
2.249E+00	-	2.416E+00	82	111	6.93	9.38	1.409E+02	2.464E+01
2.416E+00	-	2.583E+00	377	488	31.87	41.25	3.632E+02	5.237E-01
2.583E+00	-	2.749E+00	553	1041	46.75	88.00	4.077E+02	5.181E+01
2.749E+00	-	2.916E+00	125	1166	10.57	98.56	1.994E+02	2.775E+01
2.916E+00	-	3.083E+00	15	1181	1.27	99.83	4.233E+01	1.765E+01
3.083E+00	-	3.249E+00	2	1183	0.17	100.00	4.027E+00	1.021E+00
	G		0	1183	0.00	100.00		
	H		0	1183				
	B		0	1183				
TOTALS LESS H AND B			1183				1.183E+03	2.147E+02

HISTOGRAM FOR VARIABLE 26 (S-BA)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
 9.985E+01 X
 1.466E+02 X
 2.151E+02 XXXXXXX
 3.157E+02 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
 4.634E+02 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
 6.802E+02 XXXXXXXXXXX
 9.985E+02 X
 1.466E+03
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM ANTILOG      =  1.00000E+02
MAXIMUM ANTILOG      =  1.50000E+03
GEOMETRIC MEAN       =  4.03506E+02
GEOMETRIC DEVIATION  =  1.50039E+00
VARIANCE OF LOGS     =  3.10476E-02
```

Table 6. Frequency tables and histograms of analytical data from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 28 (S-Y)

LOG LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		5	5	0.42	0.42		
	L		5	10	0.42	0.85		
	T		0	10	0.00	0.85	1.312E+01	7.431E-01
9.160E-01	-	1.083E+00	45	55	3.80	4.65	7.377E+01	1.122E+01
1.083E+00	-	1.249E+00	134	189	11.33	15.98	2.321E+02	4.145E+01
1.249E+00	-	1.416E+00	566	755	47.84	63.82	3.768E+02	9.505E+01
1.416E+00	-	1.583E+00	298	1053	25.19	89.01	3.161E+02	1.031E+00
1.583E+00	-	1.749E+00	89	1142	7.52	96.53	1.369E+02	1.678E+01
1.749E+00	-	1.916E+00	22	1164	1.86	98.39	3.057E+01	2.405E+00
1.916E+00	-	2.083E+00	8	1172	0.68	99.07	3.506E+00	5.760E+00
2.083E+00	-	2.249E+00	4	1176	0.34	99.41	0.000E+00	0.000E+00
2.249E+00	-	2.416E+00	2	1178	0.17	99.58	0.000E+00	0.000E+00
2.416E+00	-	2.583E+00	5	1183	0.42	100.00	2.119E-01	1.082E+02
	G		0	1183	0.00	100.00		
	H		0	1183				
	B		0	1183				
TOTALS LESS H AND B			1183				1.183E+03	2.826E+02

HISTOGRAM FOR VARIABLE 28 (S-Y)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
9.985E+00 XXXX
1.466E+01 XXXXXXXXXXX
2.151E+01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
3.157E+01 XXXXXXXXXXXXXXXXXXXXXXXXX
4.634E+01 XXXXXXXX
6.802E+01 XX
9.985E+01 X
1.466E+02
2.151E+02
3.157E+02
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM ANTILOG = 1.00000E+01
MAXIMUM ANTILOG = 3.00000E+02
GEOMETRIC MEAN = 2.37034E+01
GEOMETRIC DEVIATION = 1.57424E+00
VARIANCE OF LOGS = 3.88374E-02

Table 6. Frequency tables and histograms of analytical data from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 29 (S-ZR)

LOG LIMITS LOWER - UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
N	0	0	0.00	0.00		
L	0	0	0.00	0.00		
T	0	0	0.00	0.00		
1.083E+00 - 1.250E+00	2	2	0.17	0.17	6.290E-02	5.966E+01
1.250E+00 - 1.416E+00	1	3	0.08	0.25	1.024E+00	5.734E-04
1.416E+00 - 1.583E+00	6	9	0.51	0.76	9.875E+00	1.521E+00
1.583E+00 - 1.750E+00	42	51	3.55	4.31	5.462E+01	2.914E+00
1.750E+00 - 1.916E+00	159	210	13.44	17.75	1.736E+02	1.230E+00
1.916E+00 - 2.083E+00	418	628	35.33	53.09	3.177E+02	3.164E+01
2.083E+00 - 2.250E+00	242	870	20.46	73.54	3.351E+02	2.585E+01
2.250E+00 - 2.416E+00	222	1092	18.77	92.31	2.036E+02	1.656E+00
2.416E+00 - 2.583E+00	65	1157	5.49	97.80	7.127E+01	5.509E-01
2.583E+00 - 2.750E+00	19	1176	1.61	99.41	1.434E+01	1.514E+00
2.750E+00 - 2.916E+00	5	1181	0.42	99.83	1.656E+00	6.754E+00
2.916E+00 - 3.083E+00	2	1183	0.17	100.00	1.137E-01	3.129E+01
G	0	1183	0.00	100.00		
H	0	1183				
B	0	1183				
TOTALS LESS H AND B	1183				1.183E+03	1.646E+02

HISTOGRAM FOR VARIABLE 29 (S-ZR)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
1.467E+01
2.153E+01
3.160E+01 X
4.638E+01 XXXX
6.808E+01 XXXXXXXXXXXXX
9.992E+01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
1.467E+02 XXXXXXXXXXXXXXXXXXXX
2.153E+02 XXXXXXXXXXXXXXXXXXX
3.160E+02 XXXXX
4.638E+02 XX
6.808E+02
9.992E+02
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM ANTILOG      = 1.50000E+01
MAXIMUM ANTILOG      = 1.00000E+03
GEOMETRIC MEAN       = 1.25624E+02
GEOMETRIC DEVIATION  = 1.65638E+00
VARIANCE OF LOGS     = 4.80307E-02
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Table 7. Correlation coefficients for analytical data from stream sediments from the Glacier Peak Wilderness study area

COLUMN	VERSUS	COLUMN	CORRELATION COEFFICIENT	NO. OF PAIRS
1 (S-MG%)	2	(S-CA%)	0.4222	1183
1 (S-MG%)	3	(S-FE%)	0.6090	1182
1 (S-MG%)	4	(S-TI%)	0.5958	1140
1 (S-MG%)	5	(S-MN)	0.5809	1173
1 (S-MG%)	6	(S-V)	0.6239	1183
1 (S-MG%)	7	(S-CR)	0.6344	1180
1 (S-MG%)	8	(S-NI)	0.6347	1179
1 (S-MG%)	9	(S-CO)	0.6164	1177
1 (S-MG%)	10	(S-SC)	0.5946	1173
1 (S-MG%)	11	(S-CU)	0.3162	1177
1 (S-MG%)	12	(S-MO)	-0.0944	59
1 (S-MG%)	13	(CM-W-P)	0.0568	64
1 (S-MG%)	14	(S-BI)	-0.0000	5
1 (S-MG%)	15	(AA-AU-P)	0.1259	256
1 (S-MG%)	16	(S-PB)	0.0315	1115
1 (S-MG%)	17	(S-AG)	0.1415	49
1 (S-MG%)	18	(AA-ZN-P)	-0.0229	595
1 (S-MG%)	19	(S-ZN)	-0.2437	84
1 (S-MG%)	20	(S-AS)	-0.3353	8
1 (S-MG%)	21	(S-B)	0.1483	1149
1 (S-MG%)	22	(S-BE)	-0.2016	702
1 (S-MG%)	23	(S-SR)	0.1843	1162
1 (S-MG%)	24	(S-BA)	-0.1504	1183
1 (S-MG%)	25	(S-LA)	0.2563	831
1 (S-MG%)	26	(S-Y)	0.3630	1173
1 (S-MG%)	27	(S-ZR)	0.1561	1183
2 (S-CA%)	3	(S-FE%)	0.2243	1182
2 (S-CA%)	4	(S-TI%)	0.3018	1140
2 (S-CA%)	5	(S-MN)	0.2261	1173
2 (S-CA%)	6	(S-V)	0.3293	1183
2 (S-CA%)	7	(S-CR)	0.1013	1180
2 (S-CA%)	8	(S-NI)	0.0530	1179
2 (S-CA%)	9	(S-CO)	0.1701	1177
2 (S-CA%)	10	(S-SC)	0.2649	1173
2 (S-CA%)	11	(S-CU)	0.0021	1177
2 (S-CA%)	12	(S-MO)	0.0223	59
2 (S-CA%)	13	(CM-W-P)	0.3204	64
2 (S-CA%)	14	(S-BI)	0.0001	5
2 (S-CA%)	15	(AA-AU-P)	0.0111	256
2 (S-CA%)	16	(S-PB)	-0.0776	1115
2 (S-CA%)	17	(S-AG)	0.1318	49
2 (S-CA%)	18	(AA-ZN-P)	-0.3546	595
2 (S-CA%)	19	(S-ZN)	-0.2121	84
2 (S-CA%)	20	(S-AS)	-0.3425	8
2 (S-CA%)	21	(S-B)	-0.2042	1149
2 (S-CA%)	22	(S-BE)	0.0808	702
2 (S-CA%)	23	(S-SR)	0.4032	1162
2 (S-CA%)	24	(S-BA)	0.0115	1183
2 (S-CA%)	25	(S-LA)	0.0259	831
2 (S-CA%)	26	(S-Y)	0.0898	1173
2 (S-CA%)	27	(S-ZR)	0.0510	1183
3 (S-FE%)	4	(S-TI%)	0.4867	1139
3 (S-FE%)	5	(S-MN)	0.4825	1173
3 (S-FE%)	6	(S-V)	0.6111	1182
3 (S-FE%)	7	(S-CR)	0.3983	1179
3 (S-FE%)	8	(S-NI)	0.4140	1178
3 (S-FE%)	9	(S-CO)	0.6515	1176
3 (S-FE%)	10	(S-SC)	0.6558	1173
3 (S-FE%)	11	(S-CU)	0.3300	1176
3 (S-FE%)	12	(S-MO)	0.1944	59
3 (S-FE%)	13	(CM-W-P)	-0.0232	63
3 (S-FE%)	14	(S-BI)	-0.0004	5
3 (S-FE%)	15	(AA-AU-P)	0.2565	256
3 (S-FE%)	16	(S-PB)	-0.0435	1115
3 (S-FE%)	17	(S-AG)	0.0484	49
3 (S-FE%)	18	(AA-ZN-P)	0.0507	594
3 (S-FE%)	19	(S-ZN)	0.0556	83
3 (S-FE%)	20	(S-AS)	-0.6508	8
3 (S-FE%)	21	(S-B)	0.1735	1148
3 (S-FE%)	22	(S-BE)	-0.1386	702
3 (S-FE%)	23	(S-SR)	-0.0378	1162
3 (S-FE%)	24	(S-BA)	-0.3084	1182
3 (S-FE%)	25	(S-LA)	0.1965	830
3 (S-FE%)	26	(S-Y)	0.5558	1172
3 (S-FE%)	27	(S-ZR)	0.2267	1182
4 (S-TI%)	5	(S-MN)	0.4420	1130
4 (S-TI%)	6	(S-V)	0.5853	1140
4 (S-TI%)	7	(S-CR)	0.5478	1137
4 (S-TI%)	8	(S-NI)	0.4515	1136
4 (S-TI%)	9	(S-CO)	0.4387	1134
4 (S-TI%)	10	(S-SC)	0.5180	1130
4 (S-TI%)	11	(S-CU)	0.1816	1134
4 (S-TI%)	12	(S-MO)	-0.1266	59
4 (S-TI%)	13	(CM-W-P)	0.2921	58
4 (S-TI%)	14	(S-BI)	0.0001	5
4 (S-TI%)	15	(AA-AU-P)	0.0730	247
4 (S-TI%)	16	(S-PB)	-0.0317	1078
4 (S-TI%)	17	(S-AG)	0.2341	47
4 (S-TI%)	18	(AA-ZN-P)	0.0186	582
4 (S-TI%)	19	(S-ZN)	-0.1638	80
4 (S-TI%)	20	(S-AS)	-0.1023	8
4 (S-TI%)	21	(S-B)	0.1124	1106
4 (S-TI%)	22	(S-BE)	-0.1966	695
4 (S-TI%)	23	(S-SR)	0.1620	1121
4 (S-TI%)	24	(S-BA)	-0.0562	1140
4 (S-TI%)	25	(S-LA)	0.1756	804
4 (S-TI%)	26	(S-Y)	0.3901	1130
4 (S-TI%)	27	(S-ZR)	0.2465	1140
5 (S-MN)	6	(S-V)	0.4308	1173
5 (S-MN)	7	(S-CR)	0.4348	1170

Table 7. Correlation coefficients for analytical data from stream sediments from the Glacier Peak Wilderness study area--continued

COLUMN	VERSUS	COLUMN	CORRELATION COEFFICIENT	NO. OF PAIRS
5 (S-MN)	8	(S-NI)	0.4122	1169
5 (S-MN)	9	(S-CO)	0.5054	1167
5 (S-MN)	10	(S-SC)	0.6590	1166
5 (S-MN)	11	(S-CU)	0.3358	1167
5 (S-MN)	12	(S-MO)	-0.1517	59
5 (S-MN)	13	(CM-W-P)	-0.3510	58
5 (S-MN)	14	(S-BI)	0.0007	5
5 (S-MN)	15	(AA-AU-P)	0.2395	256
5 (S-MN)	16	(S-PB)	0.2162	1109
5 (S-MN)	17	(S-AG)	0.0090	49
5 (S-MN)	18	(AA-ZN-P)	0.1308	585
5 (S-MN)	19	(S-ZN)	0.1569	74
5 (S-MN)	20	(S-AS)	-0.0148	8
5 (S-MN)	21	(S-B)	0.2685	1139
5 (S-MN)	22	(S-BE)	-0.1514	702
5 (S-MN)	23	(S-SR)	0.1516	1162
5 (S-MN)	24	(S-BA)	-0.0753	1173
5 (S-MN)	25	(S-LA)	0.5206	821
5 (S-MN)	26	(S-Y)	0.5474	1163
5 (S-MN)	27	(S-ZR)	0.2948	1173
6 (S-V)	7	(S-CR)	0.4782	1180
6 (S-V)	8	(S-NI)	0.4435	1179
6 (S-V)	9	(S-CO)	0.5136	1177
6 (S-V)	10	(S-SC)	0.6137	1173
6 (S-V)	11	(S-CU)	0.3061	1177
6 (S-V)	12	(S-MO)	0.0388	59
6 (S-V)	13	(CM-W-P)	-0.1883	64
6 (S-V)	14	(S-BI)	-0.0009	5
6 (S-V)	15	(AA-AU-P)	0.0217	256
6 (S-V)	16	(S-PB)	-0.0198	1115
6 (S-V)	17	(S-AG)	0.1896	49
6 (S-V)	18	(AA-ZN-P)	0.1450	595
6 (S-V)	19	(S-ZN)	-0.3129	84
6 (S-V)	20	(S-AS)	-0.3108	8
6 (S-V)	21	(S-B)	0.1818	1149
6 (S-V)	22	(S-BE)	-0.3844	702
6 (S-V)	23	(S-SR)	0.1122	1162
6 (S-V)	24	(S-BA)	-0.1651	1183
6 (S-V)	25	(S-LA)	0.1199	831
6 (S-V)	26	(S-Y)	0.3241	1173
6 (S-V)	27	(S-ZR)	0.1664	1183
7 (S-CR)	8	(S-NI)	0.8322	1177
7 (S-CR)	9	(S-CO)	0.5356	1174
7 (S-CR)	10	(S-SC)	0.5226	1170
7 (S-CR)	11	(S-CU)	0.2847	1174
7 (S-CR)	12	(S-MO)	-0.1656	59
7 (S-CR)	13	(CM-W-P)	0.0634	64
7 (S-CR)	14	(S-BI)	-0.0001	5
7 (S-CR)	15	(AA-AU-P)	0.0294	256
7 (S-CR)	16	(S-PB)	-0.0266	1112
7 (S-CR)	17	(S-AG)	0.1555	49
7 (S-CR)	18	(AA-ZN-P)	0.2790	594
7 (S-CR)	19	(S-ZN)	-0.2596	84
7 (S-CR)	20	(S-AS)	0.1509	8
7 (S-CR)	21	(S-B)	0.1989	1147
7 (S-CR)	22	(S-BE)	-0.1379	700
7 (S-CR)	23	(S-SR)	-0.0590	1159
7 (S-CR)	24	(S-BA)	-0.1116	1180
7 (S-CR)	25	(S-LA)	0.1478	828
7 (S-CR)	26	(S-Y)	0.3714	1170
7 (S-CR)	27	(S-ZR)	0.0884	1180
8 (S-NI)	9	(S-CO)	0.6517	1176
8 (S-NI)	10	(S-SC)	0.4820	1172
8 (S-NI)	11	(S-CU)	0.3999	1173
8 (S-NI)	12	(S-MO)	-0.2233	59
8 (S-NI)	13	(CM-W-P)	-0.1705	64
8 (S-NI)	14	(S-BI)	-0.0003	5
8 (S-NI)	15	(AA-AU-P)	0.1025	256
8 (S-NI)	16	(S-PB)	0.0327	1112
8 (S-NI)	17	(S-AG)	0.0935	49
8 (S-NI)	18	(AA-ZN-P)	0.3021	592
8 (S-NI)	19	(S-ZN)	-0.1597	84
8 (S-NI)	20	(S-AS)	-0.1770	8
8 (S-NI)	21	(S-B)	0.2433	1146
8 (S-NI)	22	(S-BE)	-0.1676	698
8 (S-NI)	23	(S-SR)	-0.0876	1158
8 (S-NI)	24	(S-BA)	-0.0528	1179
8 (S-NI)	25	(S-LA)	0.1605	830
8 (S-NI)	26	(S-Y)	0.3421	1171
8 (S-NI)	27	(S-ZR)	0.0827	1179
9 (S-CO)	10	(S-SC)	0.6702	1172
9 (S-CO)	11	(S-CU)	0.4248	1172
9 (S-CO)	12	(S-MO)	-0.0395	59
9 (S-CO)	13	(CM-W-P)	-0.0956	64
9 (S-CO)	14	(S-BI)	-0.0006	5
9 (S-CO)	15	(AA-AU-P)	0.2657	256
9 (S-CO)	16	(S-PB)	0.0345	1110
9 (S-CO)	17	(S-AG)	0.1675	49
9 (S-CO)	18	(AA-ZN-P)	0.0789	591
9 (S-CO)	19	(S-ZN)	0.0212	84
9 (S-CO)	20	(S-AS)	-0.4439	8
9 (S-CO)	21	(S-B)	0.1270	1144
9 (S-CO)	22	(S-BE)	-0.2602	696
9 (S-CO)	23	(S-SR)	-0.0211	1156
9 (S-CO)	24	(S-BA)	-0.2047	1177
9 (S-CO)	25	(S-LA)	0.2519	829
9 (S-CO)	26	(S-Y)	0.4598	1171
9 (S-CO)	27	(S-ZR)	0.2219	1177
10 (S-SC)	11	(S-CU)	0.3035	1169
10 (S-SC)	12	(S-MO)	0.0127	59

Table 7. Correlation coefficients for analytical data from stream sediments from the Glacier Peak Wilderness study area--continued

COLUMN	VERSUS	COLUMN	CORRELATION COEFFICIENT	NO. OF PAIRS
10 (S-SC)	13	(CM-W-P)	-0.0398	62
10 (S-SC)	14	(S-BI)	0.0012	5
10 (S-SC)	15	(AA-AU-P)	0.1478	256
10 (S-SC)	16	(S-PB)	-0.0307	1107
10 (S-SC)	17	(S-AG)	0.0979	49
10 (S-SC)	18	(AA-ZN-P)	0.0806	589
10 (S-SC)	19	(S-ZN)	0.0515	81
10 (S-SC)	20	(S-AS)	-0.3504	8
10 (S-SC)	21	(S-B)	0.2606	1140
10 (S-SC)	22	(S-BE)	-0.2937	695
10 (S-SC)	23	(S-SR)	0.0463	1155
10 (S-SC)	24	(S-BA)	-0.2564	1173
10 (S-SC)	25	(S-LA)	0.3564	825
10 (S-SC)	26	(S-Y)	0.7074	1169
10 (S-SC)	27	(S-ZR)	0.2699	1173
11 (S-CU)	12	(S-MO)	0.4588	59
11 (S-CU)	13	(CM-W-P)	0.4961	64
11 (S-CU)	14	(S-BI)	-0.0001	5
11 (S-CU)	15	(AA-AU-P)	0.1813	256
11 (S-CU)	16	(S-PB)	0.3048	1109
11 (S-CU)	17	(S-AG)	0.0695	48
11 (S-CU)	18	(AA-ZN-P)	0.4221	594
11 (S-CU)	19	(S-ZN)	0.0812	84
11 (S-CU)	20	(S-AS)	0.0045	8
11 (S-CU)	21	(S-B)	0.3455	1145
11 (S-CU)	22	(S-BE)	-0.1862	696
11 (S-CU)	23	(S-SR)	-0.1183	1156
11 (S-CU)	24	(S-BA)	-0.0093	1177
11 (S-CU)	25	(S-LA)	0.1388	827
11 (S-CU)	26	(S-Y)	0.1986	1169
11 (S-CU)	27	(S-ZR)	0.0586	1177
12 (S-MO)	13	(CM-W-P)	********	0
12 (S-MO)	14	(S-BI)	********	3
12 (S-MO)	15	(AA-AU-P)	-0.1274	21
12 (S-MO)	16	(S-PB)	0.0625	58
12 (S-MO)	17	(S-AG)	-0.2924	14
12 (S-MO)	18	(AA-ZN-P)	0.0572	22
12 (S-MO)	19	(S-ZN)	0.0282	11
12 (S-MO)	20	(S-AS)	0.2290	3
12 (S-MO)	21	(S-B)	-0.0832	55
12 (S-MO)	22	(S-BE)	0.2352	41
12 (S-MO)	23	(S-SR)	-0.0239	59
12 (S-MO)	24	(S-BA)	-0.1531	59
12 (S-MO)	25	(S-LA)	0.2355	36
12 (S-MO)	26	(S-Y)	0.0660	59
12 (S-MO)	27	(S-ZR)	0.2083	59
13 (CM-W-P)	14	(S-BI)	********	0
13 (CM-W-P)	15	(AA-AU-P)	-1.0000	2
13 (CM-W-P)	16	(S-PB)	-0.0687	61
13 (CM-W-P)	17	(S-AG)	********	0
13 (CM-W-P)	18	(AA-ZN-P)	-0.2721	64
13 (CM-W-P)	19	(S-ZN)	-0.3795	15
13 (CM-W-P)	20	(S-AS)	********	0
13 (CM-W-P)	21	(S-B)	-0.4383	63
13 (CM-W-P)	22	(S-BE)	-0.1032	33
13 (CM-W-P)	23	(S-SR)	0.0408	55
13 (CM-W-P)	24	(S-BA)	-0.2193	64
13 (CM-W-P)	25	(S-LA)	-0.3950	58
13 (CM-W-P)	26	(S-Y)	-0.0464	64
13 (CM-W-P)	27	(S-ZR)	0.1052	64
14 (S-BI)	15	(AA-AU-P)	********	2
14 (S-BI)	16	(S-PB)	-0.0006	5
14 (S-BI)	17	(S-AG)	0.0001	5
14 (S-BI)	18	(AA-ZN-P)	********	2
14 (S-BI)	19	(S-ZN)	********	2
14 (S-BI)	20	(S-AS)	********	2
14 (S-BI)	21	(S-B)	0.0000	5
14 (S-BI)	22	(S-BE)	-0.0000	5
14 (S-BI)	23	(S-SR)	-0.0010	5
14 (S-BI)	24	(S-BA)	0.0003	5
14 (S-BI)	25	(S-LA)	********	3
14 (S-BI)	26	(S-Y)	-0.0029	5
14 (S-BI)	27	(S-ZR)	-0.0002	5
15 (AA-AU-P)	16	(S-PB)	0.0418	241
15 (AA-AU-P)	17	(S-AG)	-0.1618	15
15 (AA-AU-P)	18	(AA-ZN-P)	0.1981	17
15 (AA-AU-P)	19	(S-ZN)	-0.0452	33
15 (AA-AU-P)	20	(S-AS)	-0.3753	4
15 (AA-AU-P)	21	(S-B)	-0.0213	251
15 (AA-AU-P)	22	(S-BE)	0.0476	99
15 (AA-AU-P)	23	(S-SR)	-0.0666	255
15 (AA-AU-P)	24	(S-BA)	-0.0538	256
15 (AA-AU-P)	25	(S-LA)	0.2747	176
15 (AA-AU-P)	26	(S-Y)	0.1442	255
15 (AA-AU-P)	27	(S-ZR)	0.1479	256
16 (S-PB)	17	(S-AG)	0.0472	48
16 (S-PB)	18	(AA-ZN-P)	0.3930	577
16 (S-PB)	19	(S-ZN)	0.2599	77
16 (S-PB)	20	(S-AS)	0.1546	8
16 (S-PB)	21	(S-B)	0.2420	1085
16 (S-PB)	22	(S-BE)	-0.0173	688
16 (S-PB)	23	(S-SR)	0.1043	1099
16 (S-PB)	24	(S-BA)	0.2459	1115
16 (S-PB)	25	(S-LA)	0.1440	790
16 (S-PB)	26	(S-Y)	-0.0309	1105
16 (S-PB)	27	(S-ZR)	0.1728	1115
17 (S-AG)	18	(AA-ZN-P)	0.3619	20
17 (S-AG)	19	(S-ZN)	0.2005	17
17 (S-AG)	20	(S-AS)	0.9198	4
17 (S-AG)	21	(S-B)	-0.0206	49

Table 7. Correlation coefficients for analytical data from stream sediments from the Glacier Peak Wilderness study area--continued

COLUMN	VERSUS COLUMN	CORRELATION COEFFICIENT	NO. OF PAIRS
17 (S-AG)	22 (S-BE)	-0.1602	36
17 (S-AG)	23 (S-SR)	0.0412	49
17 (S-AG)	24 (S-BA)	-0.4048	49
17 (S-AG)	25 (S-LA)	-0.1343	32
17 (S-AG)	26 (S-Y)	-0.1837	49
17 (S-AG)	27 (S-ZR)	0.2119	49
18 (AA-ZN-P)	19 (S-ZN)	-0.1908	41
18 (AA-ZN-P)	20 (S-AS)	-0.2600	4
18 (AA-ZN-P)	21 (S-B)	0.3138	587
18 (AA-ZN-P)	22 (S-BE)	0.0002	449
18 (AA-ZN-P)	23 (S-SR)	-0.2822	575
18 (AA-ZN-P)	24 (S-BA)	0.2238	595
18 (AA-ZN-P)	25 (S-LA)	-0.0702	425
18 (AA-ZN-P)	26 (S-Y)	0.0684	591
18 (AA-ZN-P)	27 (S-ZR)	0.0250	595
19 (S-ZN)	20 (S-AS)	********	3
19 (S-ZN)	21 (S-B)	0.1688	84
19 (S-ZN)	22 (S-BE)	0.0637	27
19 (S-ZN)	23 (S-SR)	-0.2337	64
19 (S-ZN)	24 (S-BA)	-0.1771	84
19 (S-ZN)	25 (S-LA)	0.1570	60
19 (S-ZN)	26 (S-Y)	0.1803	84
19 (S-ZN)	27 (S-ZR)	0.3106	84
20 (S-AS)	21 (S-B)	0.6015	8
20 (S-AS)	22 (S-BE)	0.6805	5
20 (S-AS)	23 (S-SR)	-0.0144	8
20 (S-AS)	24 (S-BA)	0.0144	8
20 (S-AS)	25 (S-LA)	1.0000	3
20 (S-AS)	26 (S-Y)	0.2544	8
20 (S-AS)	27 (S-ZR)	0.1099	8
21 (S-B)	22 (S-BE)	-0.1345	680
21 (S-B)	23 (S-SR)	-0.1155	1128
21 (S-B)	24 (S-BA)	-0.0060	1149
21 (S-B)	25 (S-LA)	0.0840	810
21 (S-B)	26 (S-Y)	0.2809	1140
21 (S-B)	27 (S-ZR)	0.0356	1149
22 (S-BE)	23 (S-SR)	-0.0633	701
22 (S-BE)	24 (S-BA)	0.1271	702
22 (S-BE)	25 (S-LA)	-0.1055	521
22 (S-BE)	26 (S-Y)	0.0346	694
22 (S-BE)	27 (S-ZR)	-0.0680	702
23 (S-SR)	24 (S-BA)	0.2866	1162
23 (S-SR)	25 (S-LA)	0.1348	810
23 (S-SR)	26 (S-Y)	-0.1178	1152
23 (S-SR)	27 (S-ZR)	0.1387	1162
24 (S-BA)	25 (S-LA)	-0.0309	831
24 (S-BA)	26 (S-Y)	-0.1929	1173
24 (S-BA)	27 (S-ZR)	0.0841	1183
25 (S-LA)	26 (S-Y)	0.2923	825
25 (S-LA)	27 (S-ZR)	0.3515	831
26 (S-Y)	27 (S-ZR)	0.3065	1173

Table 8. Fisher K statistics on analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness study area

[The following qualifiers are used in reporting spectrographic data: --, no determination made; N, concentration less than the detection limit; L, detected, but present at a concentration less than the value reported; G, element present at a concentration greater than the upper calibration limit; and H, interfering spectra render analytical lines unusable.]

NO	COLUMN	N	H	L	G	B	T	NO OF UNQUAL VALUES	NO OF IMPROPER QUAL VALUES	MINIMUM	MAXIMUM	NO
1	LATITUDE	0	0	0	0	0	0	754	0	47.146111	48.498333	1
2	LONGITUD	0	0	0	0	0	0	754	0	120.53333	121.42917	2
3	S-MG%	0	0	0	0	0	0	754	0	0.0700000	10.000000	3
4	S-CA%	0	0	0	0	0	0	754	0	0.2000000	30.000000	4
5	S-FE%	0	0	0	0	0	0	754	0	0.3000000	50.000000	5
6	S-TI%	2	0	0	645	0	0	107	0	0.2000000	2.0000000	6
7	S-MN	0	0	0	1	0	0	753	0	100.00000	10000.000	7
8	S-CR	20	0	0	0	0	0	734	0	20.000000	2000.0000	8
9	S-NI	243	0	2	0	0	0	509	0	10.000000	2000.0000	9
10	S-CO	210	0	0	0	0	0	544	0	10.000000	1000.0000	10
11	S-CU	0	0	38	2	0	0	714	0	10.000000	50000.000	11
12	S-MO	596	0	3	0	0	0	155	0	10.000000	5000.0000	12
13	S-W	531	0	47	3	0	0	173	0	50.000000	5000.0000	13
14	S-SN	295	0	17	0	0	0	442	0	20.000000	700.00000	14
15	S-BI	656	0	10	2	0	0	86	0	20.000000	1500.0000	15
16	S-PB	111	0	119	0	0	0	524	0	10.000000	50000.000	16
17	S-AG	639	0	2	0	0	0	113	0	1.0000000	1000.0000	17
18	AA-ZN-P	1	0	2	0	658	0	93	0	5.0000000	280.00000	18
19	S-CD	741	0	4	1	0	0	8	0	50.000000	300.00000	19
20	S-AS	679	0	8	2	0	0	65	0	500.00000	20000.000	20
21	S-SB	752	0	0	0	0	0	2	0	200.00000	500.00000	21
22	INST-HG	287	0	79	2	215	0	171	0	0.0200000	5.0000000	22
23	S-B	9	0	76	3	0	0	666	0	20.000000	5000.0000	23
24	S-BE	700	0	7	0	0	0	47	0	2.0000000	5.0000000	24
25	S-SR	99	0	14	0	0	0	641	0	200.00000	3000.0000	25
26	S-BA	0	0	1	16	0	0	737	0	50.000000	10000.000	26
27	S-LA	126	0	0	6	0	0	622	0	50.000000	2000.0000	27
28	S-Y	1	0	0	0	0	0	753	0	30.000000	1500.0000	28
29	S-ZR	0	0	0	498	0	0	256	0	50.000000	2000.0000	29
30	S-TH	673	0	21	0	0	0	60	0	200.00000	1500.0000	30
31	S-NB	200	0	53	0	0	0	501	0	50.000000	500.00000	31

Table 8. Fisher K statistics on analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness study area--continued

NO	COLUMN	K1	SQRT(K2)	K2	K3	G1	K4	G2	NO
		MEAN	STD DEVIATION	VARIANCE		SKEWNESS		KURTOSIS	
1	LATITUDE	48.219524	0.1496693	0.0224009	-0.0021463	-0.6401710	0.0013985	2.7869630	1
2	LONGITUD	121.05052	0.1941375	0.0376894	-0.0013564	-0.1853808	-0.0010749	-0.7567311	2
3	S-MG%	1.3115119	1.6169921	2.6146636	11.081985	2.6211619	53.066099	7.7622125	3
4	S-CA%	9.9079576	5.3711061	28.848781	132.62274	0.8559074	701.99369	0.8434868	4
5	S-FE%	4.3757294	6.3716614	40.598069	1123.9459	4.3449755	38612.699	23.427147	5
6	S-TI%	1.4542056	0.5630578	0.3170340	-0.0757929	-0.4245900	-0.1260911	-1.2545056	6
7	S-MN	888.57902	1032.6207	1066305.6	4.8516218D+09	4.4062023	2.6985930D+13	23.734170	7
8	S-CR	266.17166	220.99225	48837.575	27488149.	2.5469145	2.9867450D+10	12.522469	8
9	S-NI	85.078585	147.98846	21900.584	23914132.	7.3785508	3.6310630D+10	75.704619	9
10	S-CO	41.856618	78.485607	6159.9905	4012043.5	8.2984232	3.4227520D+09	90.201830	10
11	S-CU	228.17927	2065.4116	4265925.0	1.8525818D+11	21.026044	8.8462617D+15	486.10865	11
12	S-MO	139.03226	479.44438	229866.91	8.5476210D+08	7.7558707	3.7827323D+12	71.590052	12
13	S-W	397.10983	563.74761	317811.37	8.0661553D+08	4.5020721	2.8751967D+12	28.466149	13
14	S-SN	61.357466	55.258320	3053.4819	744796.56	4.4141251	3.7973394D+08	40.727590	14
15	S-BI	188.02326	235.38614	55406.635	38933507.	2.9852511	3.6829564D+10	11.997010	15
16	S-PB	348.43511	2492.3938	6212027.0	2.5459915D+11	16.443980	1.1970046D+16	310.19096	16
17	S-AG	35.765487	108.79931	11837.290	8676836.0	6.7372541	7.8377828D+09	55.935640	17
18	AA-ZN-P	29.892473	40.786950	1663.5753	351153.54	5.1752743	82621567.	29.854412	18
19	S-CD	112.50000	95.431352	9107.1429	1160714.3	1.3355253	64285714.	0.7750865	19
20	S-AS	2980.0000	4517.2655	20405688.	2.6841891D+11	2.9119657	3.4362723D+15	8.2524919	20
21	S-SB	350.00000	212.13203	45000.000					21
22	INST-HG	0.2026316	0.6005474	0.3606572	1.1851356	5.4717496	4.3343636	33.322398	22
23	S-B	281.51652	642.11138	412307.02	1.3493037D+09	5.0965774	5.2774736D+12	31.044496	23
24	S-BE	2.4680851	0.8035536	0.6456984	1.0778292	2.0773293	1.7796989	4.2686159	24
25	S-SR	504.21217	333.63207	111310.35	92025796.	2.4780281	1.4245427D+11	11.497524	25
26	S-BA	518.67028	1174.8643	1380306.1	1.0022578D+10	6.1803964	8.1430638D+13	42.740246	26
27	S-LA	263.18328	306.67795	94051.364	91578217.	3.1750059	1.1503499D+11	13.004683	27
28	S-Y	349.50863	265.93402	70720.902	23464308.	1.2476307	7.1450651D+09	1.4285999	28
29	S-ZR	1089.8438	619.03972	383210.17	77415126.	0.3263400	-1.8861360D+11	-1.2843960	29
30	S-TH	396.66667	255.75854	65412.429	31991740.	1.9122622	2.1255243D+10	4.9675875	30
31	S-NB	125.66866	70.030008	4904.2020	581490.00	1.6931277	1.3107415D+08	5.4497973	31

NOTE: THE ABOVE STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY.

Table 9. Frequency tables and histograms of analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness study area

[The following qualifiers are used in reporting spectrographic data: --, no determination made; N, concentration less than the detection limit; L, detected, but present at a concentration less than the value reported; G, element present at a concentration greater than the upper calibration limit; and H, interfering spectra render analytical lines unusable.]

FREQUENCY TABLE FOR VARIABLE 3 (S-MG%)

LOG LIMITS LOWER	- UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N	0	0	0.00	0.00		
	L	0	0	0.00	0.00		
	T	0	0	0.00	0.00	5.13	5.13
-1.250E+00	- -1.083E+00	4	4	0.53	0.53	8.25	2.19
-1.083E+00	- -9.167E-01	21	25	2.79	3.32	17.62	0.65
-9.167E-01	- -7.500E-01	20	45	2.65	5.97	33.00	5.12
-7.500E-01	- -5.833E-01	92	137	12.20	18.17	54.15	26.45
-5.833E-01	- -4.167E-01	68	205	9.02	27.19	77.92	1.26
-4.167E-01	- -2.500E-01	121	326	16.05	43.24	98.27	5.26
-2.500E-01	- -8.333E-02	71	397	9.42	52.65	108.66	13.05
-8.333E-02	- 8.334E-02	114	511	15.12	67.77	105.32	0.72
8.334E-02	- 2.500E-01	85	596	11.27	79.05	89.48	0.22
2.500E-01	- 4.167E-01	64	660	8.49	87.53	66.65	0.11
4.167E-01	- 5.833E-01	33	693	4.38	91.91	43.52	2.54
5.833E-01	- 7.500E-01	38	731	5.04	96.95	24.91	6.88
7.500E-01	- 9.167E-01	18	749	2.39	99.34	12.50	2.42
9.167E-01	- 1.083E+00	5	754	0.66	100.00	8.62	1.52
	G	0	754	0.00	100.00	5.13	5.13
	H	0	754				
	B	0	754				

TOTALS LESS H AND B 754

HISTOGRAM FOR VARIABLE 3 (S-MG%)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
6.813E-02 X
1.000E-01 XXX
1.468E-01 XXX
2.154E-01 XXXXXXXXXXX
3.162E-01 XXXXXXXXX
4.642E-01 XXXXXXXXXXXXXXX
6.813E-01 XXXXXXXXX
1.000E+00 XXXXXXXXXXXXXX
1.468E+00 XXXXXXXXXX
2.154E+00 XXXXXXXX
3.162E+00 XXXX
4.642E+00 XXXXX
6.813E+00 XX
1.000E+01 X
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM ANTILOG      = 7.00000E-02
MAXIMUM ANTILOG      = 1.00000E+01
GEOMETRIC MEAN       = 7.53613E-01
GEOMETRIC DEVIATION  = 2.86268E+00
VARIANCE OF LOGS     = 2.08642E-01
```

Table 9. Frequency tables and histograms of analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 4 (S-CA%)

LOG LIMITS LOWER	- UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N	0	0	0.00	0.00		
	L	0	0	0.00	0.00		
	T	0	0	0.00	0.00	0.00	0.00
-7.500E-01	-5.833E-01	1	1	0.13	0.13	0.00	0.00
-5.833E-01	-4.167E-01	0	1	0.00	0.13	0.00	0.00
-4.167E-01	-2.500E-01	1	2	0.13	0.27	0.01	75.64
-2.500E-01	-8.333E-02	2	4	0.27	0.53	0.13	26.85
-8.333E-02	8.333E-02	5	9	0.66	1.19	1.00	15.96
8.333E-02	2.500E-01	5	14	0.66	1.86	5.49	0.04
2.500E-01	4.167E-01	31	45	4.11	5.97	21.42	4.29
4.167E-01	5.833E-01	39	84	5.17	11.14	59.57	7.10
5.833E-01	7.500E-01	94	178	12.47	23.61	118.11	4.92
7.500E-01	9.167E-01	126	304	16.71	40.32	166.98	10.06
9.167E-01	1.083E+00	266	570	35.28	75.60	168.35	56.64
1.083E+00	1.250E+00	97	667	12.86	88.46	121.04	4.77
1.250E+00	1.417E+00	80	747	10.61	99.07	62.05	5.19
1.417E+00	1.583E+00	7	754	0.93	100.00	29.84	17.48
	G	0	754	0.00	100.00	0.00	0.00
	H	0	754				
	B	0	754				

TOTALS LESS H AND B 754

HISTOGRAM FOR VARIABLE 4 (S-CA%)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
 2.154E-01
 3.162E-01
 4.642E-01
 6.813E-01
 1.000E+00 X
 1.468E+00 X
 2.154E+00 XXXX
 3.162E+00 XXXXX
 4.642E+00 XXXXXXXXXXX
 6.813E+00 XXXXXXXXXXXXXXXX
 1.000E+01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
 1.468E+01 XXXXXXXXXXXX
 2.154E+01 XXXXXXXXXX
 3.162E+01 X
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM ANTILOG      =  2.00000E-01
MAXIMUM ANTILOG      =  3.00000E+01
GEOMETRIC MEAN       =  8.33083E+00
GEOMETRIC DEVIATION  =  1.91650E+00
VARIANCE OF LOGS     =  7.98118E-02
```

Table 9. Frequency tables and histograms of analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 5 (S-FE%)

LOG LIMITS LOWER	- UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
N		0	0	0.00	0.00		
L		0	0	0.00	0.00		
T		0	0	0.00	0.00	4.59	4.59
-5.840E-01	-4.173E-01	1	1	0.13	0.13	9.16	7.27
-4.173E-01	-2.507E-01	11	12	1.46	1.59	21.58	5.19
-2.507E-01	-8.400E-02	40	52	5.31	6.90	42.87	0.19
-8.400E-02	8.267E-02	133	185	17.64	24.54	71.85	52.05
8.267E-02	2.493E-01	79	264	10.48	35.01	101.57	5.01
2.493E-01	4.160E-01	134	398	17.77	52.79	121.11	1.37
4.160E-01	5.827E-01	96	494	12.73	65.52	121.82	5.47
5.827E-01	7.493E-01	134	628	17.77	83.29	103.35	9.09
7.493E-01	9.160E-01	50	678	6.63	89.92	73.97	7.77
9.160E-01	1.083E+00	34	712	4.51	94.43	44.66	2.54
1.083E+00	1.249E+00	10	722	1.33	95.76	22.74	7.14
1.249E+00	1.416E+00	13	735	1.72	97.48	9.77	1.07
1.416E+00	1.583E+00	13	748	1.72	99.20	3.54	25.30
1.583E+00	1.749E+00	6	754	0.80	100.00	1.43	14.55
G		0	754	0.00	100.00	4.59	4.59
H		0	754				
B		0	754				

TOTALS LESS H AND B 754

HISTOGRAM FOR VARIABLE 5 (S-FE%)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
3.157E-01
4.634E-01 X
6.802E-01 XXXXX
9.985E-01 XXXXXXXXXXXXXXXXX
1.466E+00 XXXXXXXXXX
2.151E+00 XXXXXXXXXXXXXXXXX
3.157E+00 XXXXXXXXXXXXX
4.634E+00 XXXXXXXXXXXXXXXXX
6.803E+00 XXXXXXX
9.985E+00 XXXXX
1.466E+01 X
2.151E+01 XX
3.157E+01 XX
4.635E+01 X
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM ANTILOG	=	3.00000E-01
MAXIMUM ANTILOG	=	5.00000E+01
GEOMETRIC MEAN	=	2.64061E+00
GEOMETRIC DEVIATION	=	2.51851E+00
VARIANCE OF LOGS	=	1.60916E-01

Table 9. Frequency tables and histograms of analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 6 (S-TI%)

LOG LIMITS LOWER	- UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
N		2	2	0.27	0.27		
L		0	2	0.00	0.27		
T		0	2	0.00	0.27	0.00	0.00
-7.500E-01	-5.833E-01	1	3	0.13	0.40	0.00	0.00
-5.833E-01	-4.167E-01	2	5	0.27	0.66	0.02	216.60
-4.167E-01	-2.500E-01	5	10	0.66	1.33	0.77	23.07
-2.500E-01	-8.333E-02	9	19	1.19	2.52	13.14	1.30
-8.333E-02	8.333E-02	26	45	3.45	5.97	88.86	44.46
8.333E-02	2.500E-01	16	61	2.12	8.09	241.87	210.93
2.500E-01	4.167E-01	48	109	6.37	14.46	409.34	318.97
G		645	754	85.54	100.00	0.00	0.00
H		0	754				
B		0	754				

TOTALS LESS H AND B 754

HISTOGRAM FOR VARIABLE 6 (S-TI%)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
2.154E-01
3.162E-01
4.642E-01 X
6.813E-01 X
1.000E+00 XXX
1.468E+00 XX
2.154E+00 XXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM ANTILOG      = 2.00000E-01
MAXIMUM ANTILOG      = 2.00000E+00
GEOMETRIC MEAN       = 1.31211E+00
GEOMETRIC DEVIATION  = 1.65390E+00
VARIANCE OF LOGS     = 4.77464E-02
```

Table 9. Frequency tables and histograms of analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 7 (S-MN)

LOG LIMITS LOWER	- UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
N		0	0	0.00	0.00		
L		0	0	0.00	0.00		
T		0	0	0.00	0.00	1.95	1.95
1.916E+00 -	2.083E+00	9	9	1.19	1.19	6.66	0.82
2.083E+00 -	2.249E+00	16	25	2.12	3.32	21.17	1.26
2.249E+00 -	2.416E+00	39	64	5.17	8.49	51.69	3.12
2.416E+00 -	2.583E+00	70	134	9.28	17.77	96.90	7.47
2.583E+00 -	2.749E+00	253	387	33.55	51.33	139.51	92.32
2.749E+00 -	2.916E+00	115	502	15.25	66.58	154.26	9.99
2.916E+00 -	3.083E+00	144	646	19.10	85.68	130.99	1.29
3.083E+00 -	3.249E+00	54	700	7.16	92.84	85.43	11.57
3.249E+00 -	3.416E+00	17	717	2.25	95.09	42.79	15.54
3.416E+00 -	3.583E+00	16	733	2.12	97.21	16.46	0.01
3.583E+00 -	3.749E+00	10	743	1.33	98.54	4.86	5.44
3.749E+00 -	3.916E+00	9	752	1.19	99.73	1.10	56.65
3.916E+00 -	4.083E+00	1	753	0.13	99.87	0.22	2.77
G		1	754	0.13	100.00	1.95	0.46
H		0	754				
B		0	754				

TOTALS LESS H AND B 754

HISTOGRAM FOR VARIABLE 7 (S-MN)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
9.985E+01 X
1.466E+02 XX
2.151E+02 XXXXX
3.157E+02 XXXXXXXXX
4.634E+02 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
6.802E+02 XXXXXXXXXXXXXX
9.985E+02 XXXXXXXXXXXXXXXXXX
1.466E+03 XXXXXXX
2.151E+03 XX
3.157E+03 XX
4.635E+03 X
6.803E+03 X
9.985E+03
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM ANTILOG = 1.00000E+02
MAXIMUM ANTILOG = 1.00000E+04
GEOMETRIC MEAN = 6.47449E+02
GEOMETRIC DEVIATION = 2.07997E+00
VARIANCE OF LOGS = 1.01161E-01

Table 9. Frequency tables and histograms of analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 8 (S-CR)

LOG LIMITS LOWER	- UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
N		20	20	2.65	2.65		
L		0	20	0.00	2.65		
T		0	20	0.00	2.65	3.27	3.27
1.250E+00 -	1.417E+00	15	35	1.99	4.64	7.37	7.89
1.417E+00 -	1.583E+00	15	50	1.99	6.63	18.69	0.73
1.583E+00 -	1.750E+00	26	76	3.45	10.08	39.48	4.61
1.750E+00 -	1.917E+00	46	122	6.10	16.18	69.48	7.94
1.917E+00 -	2.083E+00	83	205	11.01	27.19	101.87	3.50
2.083E+00 -	2.250E+00	112	317	14.85	42.04	124.43	1.24
2.250E+00 -	2.417E+00	153	470	20.29	62.33	126.62	5.49
2.417E+00 -	2.583E+00	118	588	15.65	77.98	107.36	1.06
2.583E+00 -	2.750E+00	119	707	15.78	93.77	75.83	24.58
2.750E+00 -	2.917E+00	35	742	4.64	98.41	44.62	2.08
2.917E+00 -	3.083E+00	8	750	1.06	99.47	21.88	8.80
3.083E+00 -	3.250E+00	2	752	0.27	99.73	8.93	5.38
3.250E+00 -	3.417E+00	2	754	0.27	100.00	4.15	1.12
G		0	754	0.00	100.00	0.00	0.00
H		0	754				
B		0	754				

TOTALS LESS H AND B 754

HISTOGRAM FOR VARIABLE 8 (S-CR)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
2.154E+01 XX
3.162E+01 XX
4.642E+01 XXX
6.813E+01 XXXXXX
1.000E+02 XXXXXXXXXXX
1.468E+02 XXXXXXXXXXXXXX
2.154E+02 XXXXXXXXXXXXXXXXXXXX
3.162E+02 XXXXXXXXXXXXXXX
4.642E+02 XXXXXXXXXXXXXXX
6.813E+02 XXXXX
1.000E+03 X
1.468E+03
2.154E+03
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM ANTILOG      =  2.00000E+01
MAXIMUM ANTILOG      =  2.00000E+03
GEOMETRIC MEAN       =  1.95996E+02
GEOMETRIC DEVIATION  =  2.27777E+00
VARIANCE OF LOGS     =  1.27814E-01
```

Table 9. Frequency tables and histograms of analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 9 (S-NI)

LOG LIMITS LOWER	- UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
N		243	243	32.23	32.23		
L		2	245	0.27	32.49		
T		0	245	0.00	32.49	89.86	89.86
9.160E-01 -	1.083E+00	17	262	2.25	34.75	64.82	35.28
1.083E+00 -	1.249E+00	13	275	1.72	36.47	86.62	62.57
1.249E+00 -	1.416E+00	131	406	17.37	53.85	102.12	8.17
1.416E+00 -	1.583E+00	73	479	9.68	63.53	106.22	10.39
1.583E+00 -	1.749E+00	71	550	9.42	72.94	97.48	7.19
1.749E+00 -	1.916E+00	54	604	7.16	80.11	78.93	7.87
1.916E+00 -	2.083E+00	58	662	7.69	87.80	56.39	0.05
2.083E+00 -	2.249E+00	38	700	5.04	92.84	35.54	0.17
2.249E+00 -	2.416E+00	35	735	4.64	97.48	19.77	11.74
2.416E+00 -	2.583E+00	5	740	0.66	98.14	9.70	2.28
2.583E+00 -	2.749E+00	7	747	0.93	99.07	4.20	1.87
2.749E+00 -	2.916E+00	4	751	0.53	99.60	1.60	3.58
2.916E+00 -	3.083E+00	1	752	0.13	99.73	0.54	0.39
3.083E+00 -	3.249E+00	1	753	0.13	99.87	0.16	4.39
3.249E+00 -	3.416E+00	1	754	0.13	100.00	0.05	16.48
G		0	754	0.00	100.00	0.00	0.00
H		0	754				
B		0	754				

TOTALS LESS H AND B 754

HISTOGRAM FOR VARIABLE 9 (S-NI)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
 9.985E+00 XX
 1.466E+01 XX
 2.151E+01 XXXXXXXXXXXXXXXXX
 3.157E+01 XXXXXXXXXX
 4.634E+01 XXXXXXXXX
 6.802E+01 XXXXXXX
 9.985E+01 XXXXXXXX
 1.466E+02 XXXXX
 2.151E+02 XXXXX
 3.157E+02 X
 4.635E+02 X
 6.803E+02 X
 9.985E+02
 1.466E+03
 2.151E+03
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM ANTILOG = 1.00000E+01
MAXIMUM ANTILOG = 2.00000E+03
GEOMETRIC MEAN = 4.94162E+01
GEOMETRIC DEVIATION = 2.57406E+00
VARIANCE OF LOGS = 1.68608E-01

Table 9. Frequency tables and histograms of analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 10 (S-CO)

LOG LIMITS LOWER	- UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
N		210	210	27.85	27.85		
L		0	210	0.00	27.85		
T		0	210	0.00	27.85	115.91	115.91
9.160E-01 -	1.083E+00	132	342	17.51	45.36	100.09	10.17
1.083E+00 -	1.249E+00	70	412	9.28	54.64	128.92	26.93
1.249E+00 -	1.416E+00	124	536	16.45	71.09	135.26	0.94
1.416E+00 -	1.583E+00	80	616	10.61	81.70	115.58	10.95
1.583E+00 -	1.749E+00	50	666	6.63	88.33	80.45	11.53
1.749E+00 -	1.916E+00	26	692	3.45	91.78	45.61	8.43
1.916E+00 -	2.083E+00	28	720	3.71	95.49	21.06	2.28
2.083E+00 -	2.249E+00	18	738	2.39	97.88	7.92	12.82
2.249E+00 -	2.416E+00	9	747	1.19	99.07	2.43	17.81
2.416E+00 -	2.583E+00	4	751	0.53	99.60	0.61	19.05
2.583E+00 -	2.749E+00	0	751	0.00	99.60	0.12	0.12
2.749E+00 -	2.916E+00	1	752	0.13	99.73	0.00	0.00
2.916E+00 -	3.083E+00	2	754	0.27	100.00	0.02	167.06
G		0	754	0.00	100.00	0.00	0.00
H		0	754				
B		0	754				

TOTALS LESS H AND B 754

HISTOGRAM FOR VARIABLE 10 (S-CO)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
9.985E+00 XXXXXXXXXXXXXXXXX
1.466E+01 XXXXXXXXX
2.151E+01 XXXXXXXXXXXXXXXX
3.157E+01 XXXXXXXXXXX
4.634E+01 XXXXXXX
6.802E+01 XXX
9.985E+01 XXXX
1.466E+02 XX
2.151E+02 X
3.157E+02 X
4.635E+02
6.803E+02
9.985E+02
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM ANTILOG = 1.00000E+01
MAXIMUM ANTILOG = 1.00000E+03
GEOMETRIC MEAN = 2.50952E+01
GEOMETRIC DEVIATION = 2.36678E+00
VARIANCE OF LOGS = 1.39995E-01

Table 9. Frequency tables and histograms of analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 11 (S-CU)

LOG LIMITS LOWER	- UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
N		0	0	0.00	0.00		
L		38	38	5.04	5.04		
T		0	38	0.00	5.04	88.43	88.43
9.160E-01	- 1.083E+00	91	129	12.07	17.11	51.52	30.25
1.083E+00	- 1.249E+00	92	221	12.20	29.31	66.92	9.40
1.249E+00	- 1.416E+00	133	354	17.64	46.95	79.75	35.56
1.416E+00	- 1.583E+00	92	446	12.20	59.15	87.19	0.27
1.583E+00	- 1.749E+00	80	526	10.61	69.76	87.46	0.64
1.749E+00	- 1.916E+00	63	589	8.36	78.12	80.49	3.80
1.916E+00	- 2.083E+00	54	643	7.16	85.28	67.97	2.87
2.083E+00	- 2.249E+00	22	665	2.92	88.20	52.66	17.85
2.249E+00	- 2.416E+00	37	702	4.91	93.10	37.43	0.00
2.416E+00	- 2.583E+00	10	712	1.33	94.43	24.41	8.51
2.583E+00	- 2.749E+00	11	723	1.46	95.89	14.60	0.89
2.749E+00	- 2.916E+00	6	729	0.80	96.68	8.02	0.51
2.916E+00	- 3.083E+00	7	736	0.93	97.61	4.04	2.17
3.083E+00	- 3.249E+00	4	740	0.53	98.14	1.87	2.44
3.249E+00	- 3.416E+00	5	745	0.66	98.81	0.79	22.40
3.416E+00	- 3.583E+00	1	746	0.13	98.94	0.31	1.56
3.583E+00	- 3.749E+00	3	749	0.40	99.34	0.11	76.07
3.749E+00	- 3.916E+00	1	750	0.13	99.47	0.04	25.85
3.916E+00	- 4.083E+00	0	750	0.00	99.47	0.00	0.00
4.083E+00	- 4.249E+00	0	750	0.00	99.47	0.00	0.00
4.249E+00	- 4.416E+00	1	751	0.13	99.60	0.00	0.00
4.416E+00	- 4.583E+00	0	751	0.00	99.60	0.00	0.00
4.583E+00	- 4.749E+00	1	752	0.13	99.73	0.01	65.80
G		2	754	0.27	100.00	0.00	0.00
H		0	754				
B		0	754				

TOTALS LESS H AND B 754

HISTOGRAM FOR VARIABLE 11 (S-CU)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
9.985E+00 XXXXXXXXXXX
1.466E+01 XXXXXXXXXXX
2.151E+01 XXXXXXXXXXXXXXXXX
3.157E+01 XXXXXXXXXXX
4.634E+01 XXXXXXXXXX
6.802E+01 XXXXXXXX
9.985E+01 XXXXXXX
1.466E+02 XXX                    3.157E+03
2.151E+02 XXXXX                  4.635E+03
3.157E+02 X                      6.803E+03
4.635E+02 X                      9.985E+03
6.803E+02 X                      1.466E+04
9.985E+02 X                      2.151E+04
1.466E+03 X                      3.157E+04
2.151E+03 X                      4.635E+04
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM ANTILOG	=	1.00000E+01
MAXIMUM ANTILOG	=	5.00000E+04
GEOMETRIC MEAN	=	4.08594E+01
GEOMETRIC DEVIATION	=	3.47094E+00
VARIANCE OF LOGS	=	2.92083E-01

Table 9. Frequency tables and histograms of analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 12 (S-MO)

LOG LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		596	596	79.05	79.05		
	L		3	599	0.40	79.44		
	T		0	599	0.00	79.44	211.19	211.19
9.160E-01	-	1.083E+00	33	632	4.38	83.82	137.07	79.02
1.083E+00	-	1.249E+00	18	650	2.39	86.21	143.48	109.74
1.249E+00	-	1.416E+00	30	680	3.98	90.19	119.04	66.60
1.416E+00	-	1.583E+00	16	696	2.12	92.31	78.28	49.55
1.583E+00	-	1.749E+00	17	713	2.25	94.56	40.80	13.88
1.749E+00	-	1.916E+00	6	719	0.80	95.36	16.85	6.99
1.916E+00	-	2.083E+00	9	728	1.19	96.55	5.52	2.20
2.083E+00	-	2.249E+00	4	732	0.53	97.08	1.43	4.62
2.249E+00	-	2.416E+00	9	741	1.19	98.28	0.29	257.91
2.416E+00	-	2.583E+00	3	744	0.40	98.67	0.00	0.00
2.583E+00	-	2.749E+00	2	746	0.27	98.94	0.00	0.00
2.749E+00	-	2.916E+00	2	748	0.27	99.20	0.00	0.00
2.916E+00	-	3.083E+00	3	751	0.40	99.60	0.00	0.00
3.083E+00	-	3.249E+00	0	751	0.00	99.60	0.00	0.00
3.249E+00	-	3.416E+00	2	753	0.27	99.87	0.00	0.00
3.416E+00	-	3.583E+00	0	753	0.00	99.87	0.00	0.00
3.583E+00	-	3.749E+00	1	754	0.13	100.00	0.05	16.34
	G		0	754	0.00	100.00	0.00	0.00
	H		0	754				
	B		0	754				

TOTALS LESS H AND B 754

HISTOGRAM FOR VARIABLE 12 (S-MO)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
9.985E+00 XXXX
1.466E+01 XX
2.151E+01 XXXX
3.157E+01 XX
4.634E+01 XX
6.802E+01 X
9.985E+01 X
1.466E+02 X
2.151E+02 X
3.157E+02
4.635E+02
6.803E+02
9.985E+02
1.466E+03
2.151E+03
3.157E+03
4.635E+03
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM ANTILOG	=	1.00000E+01
MAXIMUM ANTILOG	=	5.00000E+03
GEOMETRIC MEAN	=	3.64276E+01
GEOMETRIC DEVIATION	=	3.68549E+00
VARIANCE OF LOGS	=	3.20917E-01

Table 9. Frequency tables and histograms of analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 13 (S-W)

LOG LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		531	531	70.42	70.42		
	L		47	578	6.23	76.66		
	T		0	578	0.00	76.66	26.05	26.05
1.583E+00	-	1.750E+00	1	579	0.13	76.79	56.48	54.50
1.750E+00	-	1.916E+00	0	579	0.00	76.79	114.08	114.08
1.916E+00	-	2.083E+00	52	631	6.90	83.69	164.57	77.00
2.083E+00	-	2.250E+00	21	652	2.79	86.47	169.59	130.20
2.250E+00	-	2.416E+00	30	682	3.98	90.45	124.85	72.06
2.416E+00	-	2.583E+00	18	700	2.39	92.84	65.65	34.59
2.583E+00	-	2.750E+00	21	721	2.79	95.62	24.66	0.54
2.750E+00	-	2.916E+00	12	733	1.59	97.21	6.61	4.39
2.916E+00	-	3.083E+00	8	741	1.06	98.28	1.26	35.87
3.083E+00	-	3.250E+00	4	745	0.53	98.81	0.17	84.85
3.250E+00	-	3.416E+00	4	749	0.53	99.34	0.00	0.00
3.416E+00	-	3.583E+00	1	750	0.13	99.47	0.00	0.00
3.583E+00	-	3.750E+00	1	751	0.13	99.60	0.02	53.49
	G		3	754	0.40	100.00	0.00	0.00
	H		0	754				
	B		0	754				

TOTALS LESS H AND B 754

HISTOGRAM FOR VARIABLE 13 (S-W)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
4.638E+01
6.808E+01
9.992E+01 XXXXXXX
1.467E+02 XXX
2.153E+02 XXXX
3.160E+02 XX
4.638E+02 XXX
6.808E+02 XX
9.992E+02 X
1.467E+03 X
2.153E+03 X
3.160E+03
4.638E+03
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM ANTILOG      = 5.00000E+01
MAXIMUM ANTILOG      = 5.00000E+03
GEOMETRIC MEAN       = 2.43681E+02
GEOMETRIC DEVIATION  = 2.44260E+00
VARIANCE OF LOGS     = 1.50430E-01
```

Table 9. Frequency tables and histograms of analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 14 (S-SN)

LOG LIMITS LOWER	- UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
N		295	295	39.12	39.12		
L		17	312	2.25	41.38		
T		0	312	0.00	41.38	137.99	137.99
1.250E+00 -	1.417E+00	109	421	14.46	55.84	137.97	6.08
1.417E+00 -	1.583E+00	84	505	11.14	66.98	166.39	40.80
1.583E+00 -	1.750E+00	88	593	11.67	78.65	147.61	24.07
1.750E+00 -	1.917E+00	61	654	8.09	86.74	96.32	12.95
1.917E+00 -	2.083E+00	54	708	7.16	93.90	46.23	1.31
2.083E+00 -	2.250E+00	29	737	3.85	97.75	16.32	9.86
2.250E+00 -	2.417E+00	15	752	1.99	99.73	4.23	27.38
2.417E+00 -	2.583E+00	1	753	0.13	99.87	0.81	0.05
2.583E+00 -	2.750E+00	0	753	0.00	99.87	0.11	0.11
2.750E+00 -	2.917E+00	1	754	0.13	100.00	0.01	77.52
G		0	754	0.00	100.00	0.00	0.00
H		0	754				
B		0	754				

TOTALS LESS H AND B 754

HISTOGRAM FOR VARIABLE 14 (S-SN)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
2.154E+01 XXXXXXXXXXXXXX
3.162E+01 XXXXXXXXXXX
4.642E+01 XXXXXXXXXXXX
6.813E+01 XXXXXXXX
1.000E+02 XXXXXXX
1.468E+02 XXXX
2.154E+02 XX
3.162E+02
4.642E+02
6.813E+02
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM ANTILOG      = 2.00000E+01
MAXIMUM ANTILOG      = 7.00000E+02
GEOMETRIC MEAN       = 4.69579E+01
GEOMETRIC DEVIATION  = 2.02176E+00
VARIANCE OF LOGS     = 9.34704E-02
```

Table 9. Frequency tables and histograms of analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 15 (S-BI)

LOG LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		656	656	87.00	87.00		
	L		10	666	1.33	88.33		
	T		0	666	0.00	88.33	242.37	242.37
1.250E+00	-	1.417E+00	15	681	1.99	90.32	163.93	135.30
1.417E+00	-	1.583E+00	5	686	0.66	90.98	155.42	145.58
1.583E+00	-	1.750E+00	9	695	1.19	92.18	108.42	91.16
1.750E+00	-	1.917E+00	6	701	0.80	92.97	55.64	44.29
1.917E+00	-	2.083E+00	11	712	1.46	94.43	21.01	4.77
2.083E+00	-	2.250E+00	11	723	1.46	95.89	5.83	4.58
2.250E+00	-	2.417E+00	7	730	0.93	96.82	1.19	28.34
2.417E+00	-	2.583E+00	12	742	1.59	98.41	0.18	782.10
2.583E+00	-	2.750E+00	5	747	0.66	99.07	0.00	0.00
2.750E+00	-	2.917E+00	3	750	0.40	99.47	0.00	0.00
2.917E+00	-	3.083E+00	1	751	0.13	99.60	0.00	0.00
3.083E+00	-	3.250E+00	1	752	0.13	99.73	0.02	44.75
	G		2	754	0.27	100.00	0.00	0.00
	H		0	754				
	B		0	754				

TOTALS LESS H AND B 754

HISTOGRAM FOR VARIABLE 15 (S-BI)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
2.154E+01 XX
3.162E+01 X
4.642E+01 X
6.813E+01 X
1.000E+02 X
1.468E+02 X
2.154E+02 X
3.162E+02 XX
4.642E+02 X
6.813E+02
1.000E+03
1.468E+03
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM ANTILOG      = 2.00000E+01
MAXIMUM ANTILOG      = 1.50000E+03
GEOMETRIC MEAN       = 1.03371E+02
GEOMETRIC DEVIATION  = 3.08212E+00
VARIANCE OF LOGS     = 2.38974E-01
```

Table 9. Frequency tables and histograms of analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 16 (S-PB)

LOG LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		111	111	14.72	14.72		
	L		119	230	15.78	30.50		
	T		0	230	0.00	30.50	64.28	64.28
9.160E-01	-	1.083E+00	1	231	0.13	30.64	47.51	45.53
1.083E+00	-	1.249E+00	0	231	0.00	30.64	66.61	66.61
1.249E+00	-	1.416E+00	172	403	22.81	53.45	84.03	92.10
1.416E+00	-	1.583E+00	98	501	13.00	66.45	95.36	0.07
1.583E+00	-	1.749E+00	82	583	10.88	77.32	97.35	2.42
1.749E+00	-	1.916E+00	22	605	2.92	80.24	89.41	50.82
1.916E+00	-	2.083E+00	39	644	5.17	85.41	73.88	16.46
2.083E+00	-	2.249E+00	19	663	2.52	87.93	54.91	23.49
2.249E+00	-	2.416E+00	31	694	4.11	92.04	36.72	0.89
2.416E+00	-	2.583E+00	12	706	1.59	93.63	22.09	4.61
2.583E+00	-	2.749E+00	15	721	1.99	95.62	11.96	0.77
2.749E+00	-	2.916E+00	10	731	1.33	96.95	5.82	3.00
2.916E+00	-	3.083E+00	7	738	0.93	97.88	2.55	7.77
3.083E+00	-	3.249E+00	1	739	0.13	98.01	1.00	0.00
3.249E+00	-	3.416E+00	4	743	0.53	98.54	0.36	37.28
3.416E+00	-	3.583E+00	3	746	0.40	98.94	0.11	73.35
3.583E+00	-	3.749E+00	2	748	0.27	99.20	0.03	118.80
3.749E+00	-	3.916E+00	2	750	0.27	99.47	0.00	0.00
3.916E+00	-	4.083E+00	2	752	0.27	99.73	0.00	0.00
4.083E+00	-	4.249E+00	0	752	0.00	99.73	0.00	0.00
4.249E+00	-	4.416E+00	1	753	0.13	99.87	0.00	0.00
4.416E+00	-	4.583E+00	0	753	0.00	99.87	0.00	0.00
4.533E+00	-	4.749E+00	1	754	0.13	100.00	0.01	90.05
	G		0	754	0.00	100.00	0.00	0.00
	H		0	754				
	B		0	754				

TOTALS LESS H AND B 754

HISTOGRAM FOR VARIABLE 16 (S-PB)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
9.985E+00
1.466E+01
2.151E+01 XXXXXXXXXXXXXXXXXXXXXX
3.157E+01 XXXXXXXXXXXX
4.634E+01 XXXXXXXXXX
6.802E+01 XXX
9.985E+01 XXXXX
1.466E+02 XXX
2.151E+02 XXXX
3.157E+02 XX                    3.157E+03
4.635E+02 XX                    4.635E+03
6.803E+02 X                     6.803E+03
9.985E+02 X                     9.985E+03
1.466E+03                       1.466E+04
2.151E+03 X                     2.151E+04
                                3.157E+04
                                4.635E+04
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM ANTILOG	=	1.00000E+01
MAXIMUM ANTILOG	=	5.00000E+04
GEOMETRIC MEAN	=	5.66511E+01
GEOMETRIC DEVIATION	=	3.62104E+00
VARIANCE OF LOGS	=	3.12295E-01

Table 9. Frequency tables and histograms of analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 17 (S-AG)

LOG LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		639	639	84.75	84.75		
	L		2	641	0.27	85.01		
	T		0	641	0.00	85.01	228.42	228.42
-8.400E-02	-	8.267E-02	16	657	2.12	87.14	118.71	88.87
8.267E-02	-	2.493E-01	7	664	0.93	88.06	123.66	110.05
2.493E-01	-	4.160E-01	16	680	2.12	90.19	108.57	78.93
4.160E-01	-	5.827E-01	12	692	1.59	91.78	80.34	58.13
5.827E-01	-	7.493E-01	16	708	2.12	93.90	50.11	23.21
7.493E-01	-	9.160E-01	6	714	0.80	94.69	26.34	15.70
9.160E-01	-	1.083E+00	10	724	1.33	96.02	11.67	0.24
1.083E+00	-	1.249E+00	5	729	0.66	96.68	4.36	0.10
1.249E+00	-	1.416E+00	4	733	0.53	97.21	1.37	5.04
1.416E+00	-	1.583E+00	1	734	0.13	97.35	0.36	1.12
1.583E+00	-	1.749E+00	6	740	0.80	98.14	0.08	431.41
1.749E+00	-	1.916E+00	2	742	0.27	98.41	0.00	0.00
1.916E+00	-	2.083E+00	1	743	0.13	98.54	0.00	0.00
2.083E+00	-	2.249E+00	4	747	0.53	99.07	0.00	0.00
2.249E+00	-	2.416E+00	4	751	0.53	99.60	0.00	0.00
2.416E+00	-	2.583E+00	2	753	0.27	99.87	0.00	0.00
2.583E+00	-	2.749E+00	0	753	0.00	99.87	0.00	0.00
2.749E+00	-	2.916E+00	0	753	0.00	99.87	0.00	0.00
2.916E+00	-	3.083E+00	1	754	0.13	100.00	0.02	53.32
	G		0	754	0.00	100.00	0.00	0.00
	H		0	754				
	B		0	754				

TOTALS LESS H AND B 754

HISTOGRAM FOR VARIABLE 17 (S-AG)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
9.985E-01 XX
1.466E+00 X
2.151E+00 XX
3.157E+00 XX
4.634E+00 XX
6.802E+00 X
9.985E+00 X
1.466E+01 X
2.151E+01 X
3.157E+01
4.635E+01 X
6.803E+01
9.985E+01
1.466E+02 X
2.151E+02 X
3.157E+02
4.635E+02
6.803E+02
9.985E+02
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM ANTILOG      = 1.00000E+00
MAXIMUM ANTILOG      = 1.00000E+03
GEOMETRIC MEAN       = 6.56361E+00
GEOMETRIC DEVIATION  = 5.12698E+00
VARIANCE OF LOGS     = 5.03904E-01
```

Table 9. Frequency tables and histograms of analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 18 (AA-ZN-P)

LOG LIMITS LOWER	- UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
N		1	1	1.04	1.04		
L		2	3	2.08	3.13		
T		0	3	0.00	3.13	1.45	1.45
5.830E-01 -	7.497E-01	5	8	5.21	8.33	3.12	1.13
7.497E-01 -	9.163E-01	0	8	0.00	8.33	7.07	7.07
9.163E-01 -	1.083E+00	15	23	15.63	23.96	12.52	0.49
1.083E+00 -	1.250E+00	16	39	16.67	40.63	17.38	0.11
1.250E+00 -	1.416E+00	26	65	27.08	67.71	18.88	2.68
1.416E+00 -	1.583E+00	12	77	12.50	80.21	16.06	1.03
1.583E+00 -	1.750E+00	12	89	12.50	92.71	10.70	0.16
1.750E+00 -	1.916E+00	4	93	4.17	96.88	5.58	0.45
1.916E+00 -	2.083E+00	1	94	1.04	97.92	2.28	0.72
2.083E+00 -	2.250E+00	0	94	0.00	97.92	0.73	0.73
2.250E+00 -	2.416E+00	0	94	0.00	97.92	0.18	0.18
2.416E+00 -	2.583E+00	2	96	2.08	100.00	0.04	91.44
G		0	96	0.00	100.00	0.00	0.00
H		0	96				
B		658	754				

TOTALS LESS H AND B 96

HISTOGRAM FOR VARIABLE 18 (AA-ZN-P)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
4.638E+00 XXXXX
6.808E+00
9.992E+00 XXXXXXXXXXXXXXXX
1.467E+01 XXXXXXXXXXXXXXXXX
2.153E+01 XXXXXXXXXXXXXXXXXXXXXXXXXXXX
3.160E+01 XXXXXXXXXXXXX
4.638E+01 XXXXXXXXXXXXX
6.808E+01 XXXX
9.992E+01 X
1.467E+02
2.153E+02
3.160E+02 XX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM ANTILOG = 5.00000E+00
MAXIMUM ANTILOG = 2.80000E+02
GEOMETRIC MEAN = 2.11729E+01
GEOMETRIC DEVIATION = 2.08976E+00
VARIANCE OF LOGS = 1.02462E-01

Table 9. Frequency tables and histograms of analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 19 (S-CD)

LOG LIMITS LOWER	- UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
N		741	741	98.28	98.28		
L		4	745	0.53	98.81		
T		0	745	0.00	98.81	19.57	19.57
1.583E+00 -	1.750E+00	5	750	0.66	99.47	564.09	554.13
1.750E+00 -	1.916E+00	0	750	0.00	99.47	170.13	170.13
1.916E+00 -	2.083E+00	0	750	0.00	99.47	0.00	0.00
2.083E+00 -	2.250E+00	1	751	0.13	99.60	0.00	0.00
2.250E+00 -	2.416E+00	1	752	0.13	99.73	0.00	0.00
2.416E+00 -	2.583E+00	1	753	0.13	99.87	0.21	2.92
G		1	754	0.13	100.00	0.00	0.00
H		0	754				
B		0	754				

TOTALS LESS H AND B 754

HISTOGRAM FOR VARIABLE 19 (S-CD)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
4.638E+01 X
6.808E+01
9.992E+01
1.467E+02
2.153E+02
3.160E+02
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM ANTILOG      = 5.00000E+01
MAXIMUM ANTILOG      = 3.00000E+02
GEOMETRIC MEAN       = 8.53369E+01
GEOMETRIC DEVIATION  = 2.14023E+00
VARIANCE OF LOGS     = 1.09204E-01
```

Table 9. Frequency tables and histograms of analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 20 (S-AS)

LOG LIMITS LOWER	- UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
N		679	679	90.05	90.05		
L		8	687	1.06	91.11		
T		0	687	0.00	91.11	162.18	162.18
2.583E+00 -	2.750E+00	13	700	1.72	92.84	219.50	194.27
2.750E+00 -	2.916E+00	6	706	0.80	93.63	216.91	205.08
2.916E+00 -	3.083E+00	13	719	1.72	95.36	116.09	91.55
3.083E+00 -	3.250E+00	8	727	1.06	96.42	33.60	19.51
3.250E+00 -	3.416E+00	7	734	0.93	97.35	5.25	0.58
3.416E+00 -	3.583E+00	5	739	0.66	98.01	0.44	47.13
3.583E+00 -	3.750E+00	6	745	0.80	98.81	0.00	0.00
3.750E+00 -	3.916E+00	2	747	0.27	99.07	0.00	0.00
3.916E+00 -	4.083E+00	1	748	0.13	99.20	0.00	0.00
4.083E+00 -	4.250E+00	1	749	0.13	99.34	0.00	0.00
4.250E+00 -	4.416E+00	3	752	0.40	99.73	0.02	436.21
G		2	754	0.27	100.00	0.00	0.00
H		0	754				
B		0	754				

TOTALS LESS H AND B 754

HISTOGRAM FOR VARIABLE 20 (S-AS)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
4.638E+02 XX
6.808E+02 X
9.992E+02 XX
1.467E+03 X
2.153E+03 X
3.160E+03 X
4.638E+03 X
6.808E+03
9.992E+03
1.467E+04
2.153E+04
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM ANTILOG = 5.00000E+02
MAXIMUM ANTILOG = 2.00000E+04
GEOMETRIC MEAN = 1.58613E+03
GEOMETRIC DEVIATION = 2.77274E+00
VARIANCE OF LOGS = 1.96168E-01

Table 9. Frequency tables and histograms of analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 21 (S-SB)

LOG LIMITS LOWER	- UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
N		752	752	99.73	99.73		
L		0	752	0.00	99.73		
T		0	752	0.00	99.73	0.17	0.17
2.250E+00 -	2.417E+00	1	753	0.13	99.87	0.00	0.00
2.417E+00 -	2.583E+00	0	753	0.00	99.87	0.00	0.00
2.583E+00 -	2.750E+00	1	754	0.13	100.00	753.83	751.84
G		0	754	0.00	100.00	0.00	0.00
H		0	754				
B		0	754				

TOTALS LESS H AND B 754

HISTOGRAM FOR VARIABLE 21 (S-SB)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

2.154E+02
3.162E+02
4.642E+02

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM ANTILOG = 2.00000E+02
MAXIMUM ANTILOG = 5.00000E+02
GEOMETRIC MEAN = 3.16228E+02
GEOMETRIC DEVIATION = 1.91155E+00
VARIANCE OF LOGS = 7.91780E-02

Table 9. Frequency tables and histograms of analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 22 (INST-HG)

LOG LIMITS LOWER	- UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N	287	287	53.25	53.25		
	L	79	366	14.66	67.90		
	T	0	366	0.00	67.90	164.03	164.03
-1.750E+00	-1.583E+00	60	426	11.13	79.04	78.18	4.23
-1.583E+00	-1.417E+00	0	426	0.00	79.04	82.05	82.05
-1.417E+00	-1.250E+00	32	458	5.94	84.97	74.40	24.17
-1.250E+00	-1.083E+00	32	490	5.94	90.91	58.29	11.86
-1.083E+00	-9.167E-01	11	501	2.04	92.95	39.46	20.52
-9.167E-01	-7.500E-01	6	507	1.11	94.06	23.07	12.63
-7.500E-01	-5.833E-01	13	520	2.41	96.47	11.66	0.15
-5.833E-01	-4.167E-01	2	522	0.37	96.85	5.09	1.87
-4.167E-01	-2.500E-01	4	526	0.74	97.59	1.92	2.26
-2.500E-01	-8.333E-02	3	529	0.56	98.14	0.63	9.02
-8.333E-02	8.334E-02	2	531	0.37	98.52	0.18	18.92
8.334E-02	2.500E-01	0	531	0.00	98.52	0.04	0.04
2.500E-01	4.167E-01	3	534	0.56	99.07	0.00	0.00
4.167E-01	5.833E-01	2	536	0.37	99.44	0.00	0.00
5.833E-01	7.500E-01	1	537	0.19	99.63	0.01	89.69
	G	2	539	0.37	100.00	0.00	524284.00
	H	0	539				
	B	215	754				

TOTALS LESS H AND B 539

HISTOGRAM FOR VARIABLE 22 (INST-HG)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
2.154E-02 XXXXXXXXXX
3.162E-02
4.642E-02 XXXXXX
6.813E-02 XXXXXX
1.000E-01 XX
1.468E-01 X
2.154E-01 XX
3.162E-01
4.642E-01 X
6.813E-01 X
1.000E+00
1.468E+00
2.154E+00 X
3.162E+00
4.642E+00
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM ANTILOG = 2.00000E-02
MAXIMUM ANTILOG = 5.00000E+00
GEOMETRIC MEAN = 6.08567E-02
GEOMETRIC DEVIATION = 3.41353E+00
VARIANCE OF LOGS = 2.84306E-01

Table 9. Frequency tables and histograms of analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 23 (S-B)

LOG LIMITS LOWER	- UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
N		9	9	1.19	1.19		
L		76	85	10.08	11.27		
T		0	85	0.00	11.27	106.23	106.23
1.250E+00 -	1.417E+00	152	237	20.16	31.43	53.42	181.92
1.417E+00 -	1.583E+00	68	305	9.02	40.45	66.53	0.03
1.583E+00 -	1.750E+00	68	373	9.02	49.47	76.82	1.01
1.750E+00 -	1.917E+00	63	436	8.36	57.82	82.24	4.50
1.917E+00 -	2.083E+00	75	511	9.95	67.77	81.62	0.54
2.083E+00 -	2.250E+00	30	541	3.98	71.75	75.11	27.09
2.250E+00 -	2.417E+00	63	604	8.36	80.11	64.08	0.02
2.417E+00 -	2.583E+00	29	633	3.85	83.95	50.69	9.28
2.583E+00 -	2.750E+00	47	680	6.23	90.19	37.17	2.60
2.750E+00 -	2.917E+00	19	699	2.52	92.71	25.27	1.56
2.917E+00 -	3.083E+00	19	718	2.52	95.23	15.93	0.59
3.083E+00 -	3.250E+00	11	729	1.46	96.68	9.31	0.31
3.250E+00 -	3.417E+00	11	740	1.46	98.14	5.05	7.03
3.417E+00 -	3.583E+00	4	744	0.53	98.67	2.53	0.85
3.583E+00 -	3.750E+00	7	751	0.93	99.60	2.01	12.41
G		3	754	0.40	100.00	0.00	0.00
H		0	754				
B		0	754				

TOTALS LESS H AND B 754

HISTOGRAM FOR VARIABLE 23 (S-B)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
2.154E+01 XXXXXXXXXXXXXXXXXXX
3.162E+01 XXXXXXXXX
4.642E+01 XXXXXXXXX
6.813E+01 XXXXXXXX
1.000E+02 XXXXXXXXXX
1.468E+02 XXXX
2.154E+02 XXXXXXXX
3.162E+02 XXXX
4.642E+02 XXXXXX
6.813E+02 XXX
1.000E+03 XXX
1.468E+03 X
2.154E+03 X
3.162E+03 X
4.642E+03 X
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM ANTILOG = 2.00000E+01
MAXIMUM ANTILOG = 5.00000E+03
GEOMETRIC MEAN = 9.30015E+01
GEOMETRIC DEVIATION = 3.88952E+00
VARIANCE OF LOGS = 3.47977E-01

Table 9. Frequency tables and histograms of analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 24 (S-BE)

LOG LIMITS LOWER	- UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
N		700	700	92.84	92.84		
L		7	707	0.93	93.77		
T		0	707	0.00	93.77	37.72	37.72
2.500E-01 -	4.167E-01	31	738	4.11	97.88	715.88	655.23
4.167E-01 -	5.833E-01	13	751	1.72	99.60	0.00	0.00
5.833E-01 -	7.500E-01	3	754	0.40	100.00	0.39	17.45
G		0	754	0.00	100.00	0.00	0.00
H		0	754				
B		0	754				

TOTALS LESS H AND B 754

HISTOGRAM FOR VARIABLE 24 (S-BE)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
2.154E+00 XXXX
3.162E+00 XX
4.642E+00
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM ANTILOG      = 2.00000E+00
MAXIMUM ANTILOG      = 5.00000E+00
GEOMETRIC MEAN       = 2.37212E+00
GEOMETRIC DEVIATION  = 1.30648E+00
VARIANCE OF LOGS     = 1.34796E-02
```

Table 9. Frequency tables and histograms of analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 25 (S-SR)

LOG LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		99	99	13.13	13.13		
	L		14	113	1.86	14.99		
	T		0	113	0.00	14.99	76.10	76.10
2.250E+00	-	2.417E+00	146	259	19.36	34.35	123.31	4.17
2.417E+00	-	2.583E+00	137	396	18.17	52.52	182.71	11.44
2.583E+00	-	2.750E+00	179	575	23.74	76.26	180.78	0.02
2.750E+00	-	2.917E+00	97	672	12.86	89.12	119.43	4.21
2.917E+00	-	3.083E+00	65	737	8.62	97.75	52.68	2.88
3.083E+00	-	3.250E+00	11	748	1.46	99.20	15.50	1.31
3.250E+00	-	3.417E+00	4	752	0.53	99.73	3.04	0.30
3.417E+00	-	3.583E+00	2	754	0.27	100.00	0.43	5.64
	G		0	754	0.00	100.00	0.00	0.00
	H		0	754				
	B		0	754				

TOTALS LESS H AND B 754

HISTOGRAM FOR VARIABLE 25 (S-SR)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
2.154E+02 XXXXXXXXXXXXXXXXXX
3.162E+02 XXXXXXXXXXXXXXXXXX
4.642E+02 XXXXXXXXXXXXXXXXXXXXXXXX
6.813E+02 XXXXXXXXXXXX
1.000E+03 XXXXXXXXX
1.468E+03 X
2.154E+03 X
3.162E+03
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM ANTILOG = 2.00000E+02
MAXIMUM ANTILOG = 3.00000E+03
GEOMETRIC MEAN = 4.24549E+02
GEOMETRIC DEVIATION = 1.77514E+00
VARIANCE OF LOGS = 6.21168E-02

Table 9. Frequency tables and histograms of analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 26 (S-BA)

LOG LIMITS LOWER	- UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
N		0	0	0.00	0.00		
L		1	1	0.13	0.13		
T		0	1	0.00	0.13	20.63	20.63
1.583E+00 -	1.750E+00	18	19	2.39	2.52	24.35	1.65
1.750E+00 -	1.916E+00	28	47	3.71	6.23	42.61	5.01
1.916E+00 -	2.083E+00	79	126	10.48	16.71	65.46	2.80
2.083E+00 -	2.250E+00	92	218	12.20	28.91	88.24	0.16
2.250E+00 -	2.416E+00	170	388	22.55	51.46	104.38	41.25
2.416E+00 -	2.583E+00	143	531	18.97	70.42	108.37	11.06
2.583E+00 -	2.750E+00	109	640	14.46	84.88	98.74	1.07
2.750E+00 -	2.916E+00	29	669	3.85	88.73	78.95	31.61
2.916E+00 -	3.083E+00	24	693	3.18	91.91	55.41	17.80
3.083E+00 -	3.250E+00	8	701	1.06	92.97	34.12	20.00
3.250E+00 -	3.416E+00	14	715	1.86	94.83	18.44	1.07
3.416E+00 -	3.583E+00	6	721	0.80	95.62	8.75	0.86
3.583E+00 -	3.750E+00	8	729	1.06	96.68	3.64	5.22
3.750E+00 -	3.916E+00	2	731	0.27	96.95	1.33	0.34
3.916E+00 -	4.083E+00	7	738	0.93	97.88	0.58	70.57
G		16	754	2.12	100.00	0.00	0.00
H		0	754				
B		0	754				

TOTALS LESS H AND B 754

HISTOGRAM FOR VARIABLE 26 (S-BA)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
4.638E+01 XX
6.808E+01 XXXX
9.992E+01 XXXXXXXXXX
1.467E+02 XXXXXXXXXXX
2.153E+02 XXXXXXXXXXXXXXXXXXXXXXX
3.160E+02 XXXXXXXXXXXXXXXXXX
4.638E+02 XXXXXXXXXXXXXX
6.808E+02 XXXX
9.992E+02 XXX
1.467E+03 X
2.153E+03 XX
3.160E+03 X
4.638E+03 X
6.808E+03
9.992E+03 X
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM ANTILOG = 5.00000E+01
MAXIMUM ANTILOG = 1.00000E+04
GEOMETRIC MEAN = 2.70335E+02
GEOMETRIC DEVIATION = 2.52755E+00
VARIANCE OF LOGS = 1.62167E-01

Table 9. Frequency tables and histograms of analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 27 (S-LA)

LOG LIMITS LOWER	- UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
N		126	126	16.71	16.71		
L		0	126	0.00	16.71		
T		0	126	0.00	16.71	63.63	63.63
1.583E+00 -	1.750E+00	86	212	11.41	28.12	60.84	10.41
1.750E+00 -	1.916E+00	60	272	7.96	36.07	89.55	9.75
1.916E+00 -	2.083E+00	96	368	12.73	48.81	112.35	2.38
2.083E+00 -	2.250E+00	88	456	11.67	60.48	120.15	8.60
2.250E+00 -	2.416E+00	100	556	13.26	73.74	109.53	0.83
2.416E+00 -	2.583E+00	67	623	8.89	82.63	85.11	3.85
2.583E+00 -	2.750E+00	70	693	9.28	91.91	56.37	3.30
2.750E+00 -	2.916E+00	24	717	3.18	95.09	31.82	1.92
2.916E+00 -	3.083E+00	20	737	2.65	97.75	15.31	1.43
3.083E+00 -	3.250E+00	3	740	0.40	98.14	6.28	1.71
3.250E+00 -	3.416E+00	8	748	1.06	99.20	3.06	7.98
G		6	754	0.80	100.00	0.00	0.00
H		0	754				
B		0	754				

TOTALS LESS H AND B 754

HISTOGRAM FOR VARIABLE 27 (S-LA)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
4.638E+01 XXXXXXXXXX
6.808E+01 XXXXXXXX
9.992E+01 XXXXXXXXXXXX
1.467E+02 XXXXXXXXXXX
2.153E+02 XXXXXXXXXXXX
3.160E+02 XXXXXXXXX
4.638E+02 XXXXXXXXX
6.808E+02 XXX
9.992E+02 XXX
1.467E+03
2.153E+03 X
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM ANTILOG = 5.00000E+01
MAXIMUM ANTILOG = 2.00000E+03
GEOMETRIC MEAN = 1.71384E+02
GEOMETRIC DEVIATION = 2.41738E+00
VARIANCE OF LOGS = 1.46953E-01

Table 9. Frequency tables and histograms of analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 28 (S-Y)

LOG LIMITS LOWER	- UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
N		1	1	0.13	0.13		
L		0	1	0.00	0.13		
T		0	1	0.00	0.13	1.26	1.26
1.416E+00 -	1.583E+00	4	5	0.53	0.66	4.19	0.01
1.583E+00 -	1.749E+00	11	16	1.46	2.12	13.53	0.47
1.749E+00 -	1.916E+00	28	44	3.71	5.84	34.55	1.24
1.916E+00 -	2.083E+00	96	140	12.73	18.57	69.81	9.83
2.083E+00 -	2.249E+00	99	239	13.13	31.70	111.61	1.42
2.249E+00 -	2.416E+00	149	388	19.76	51.46	141.21	0.43
2.416E+00 -	2.583E+00	88	476	11.67	63.13	141.40	20.17
2.583E+00 -	2.749E+00	151	627	20.03	83.16	112.05	13.54
2.749E+00 -	2.916E+00	82	709	10.88	94.03	70.27	1.96
2.916E+00 -	3.083E+00	41	750	5.44	99.47	34.87	1.08
3.083E+00 -	3.249E+00	4	754	0.53	100.00	19.23	12.07
G		0	754	0.00	100.00	0.00	0.00
H		0	754				
B		0	754				

TOTALS LESS H AND B 754

HISTOGRAM FOR VARIABLE 28 (S-Y)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
3.157E+01 X
4.634E+01 X
6.802E+01 XXXX
9.985E+01 XXXXXXXXXXXX
1.466E+02 XXXXXXXXXXXX
2.151E+02 XXXXXXXXXXXXXXXXXXX
3.157E+02 XXXXXXXXXXX
4.634E+02 XXXXXXXXXXXXXXXXXXX
6.803E+02 XXXXXXXXXX
9.985E+02 XXXXX
1.466E+03 X
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM ANTILOG = 3.00000E+01
MAXIMUM ANTILOG = 1.50000E+03
GEOMETRIC MEAN = 2.62079E+02
GEOMETRIC DEVIATION = 2.18250E+00
VARIANCE OF LOGS = 1.14890E-01

Table 9. Frequency tables and histograms of analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 29 (S-ZR)

LOG LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00	0.00	0.00
1.583E+00	-	1.750E+00	1	1	0.13	0.13	0.00	0.00
1.750E+00	-	1.916E+00	0	1	0.00	0.13	0.00	0.00
1.916E+00	-	2.083E+00	0	1	0.00	0.13	0.00	0.00
2.083E+00	-	2.250E+00	1	2	0.13	0.27	0.04	22.45
2.250E+00	-	2.416E+00	10	12	1.33	1.59	0.52	173.84
2.416E+00	-	2.583E+00	20	32	2.65	4.24	4.31	57.21
2.583E+00	-	2.750E+00	35	67	4.64	8.89	22.55	6.87
2.750E+00	-	2.916E+00	44	111	5.84	14.72	74.45	12.45
2.916E+00	-	3.083E+00	51	162	6.76	21.49	155.00	69.78
3.083E+00	-	3.250E+00	33	195	4.38	25.86	203.65	143.00
3.250E+00	-	3.416E+00	61	256	8.09	33.95	293.48	184.16
	G		498	754	66.05	100.00	0.00	0.00
	H		0	754				
	B		0	754				

TOTALS LESS H AND B 754

HISTOGRAM FOR VARIABLE 29 (S-ZR)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
4.638E+01
6.808E+01
9.992E+01
1.467E+02
2.153E+02 X
3.160E+02 XXX
4.638E+02 XXXXX
6.808E+02 XXXXXX
9.992E+02 XXXXXXX
1.467E+03 XXXX
2.153E+03 XXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM ANTILOG      = 5.00000E+01
MAXIMUM ANTILOG      = 2.00000E+03
GEOMETRIC MEAN       = 8.91651E+02
GEOMETRIC DEVIATION  = 1.99282E+00
VARIANCE OF LOGS     = 8.96809E-02
```

Table 9. Frequency tables and histograms of analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 30 (S-TH)

LOG LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		673	673	89.26	89.26		
	L		21	694	2.79	92.04		
	T		0	694	0.00	92.04	167.64	167.64
2.250E+00	-	2.417E+00	24	718	3.18	95.23	480.24	433.44
2.417E+00	-	2.583E+00	13	731	1.72	96.95	104.80	80.41
2.583E+00	-	2.750E+00	12	743	1.59	98.54	0.00	0.00
2.750E+00	-	2.917E+00	8	751	1.06	99.60	0.00	0.00
2.917E+00	-	3.083E+00	2	753	0.27	99.87	0.00	0.00
3.083E+00	-	3.250E+00	1	754	0.13	100.00	1.33	0.08
	G		0	754	0.00	100.00	0.00	0.00
	H		0	754				
	B		0	754				

TOTALS LESS H AND B 754

HISTOGRAM FOR VARIABLE 30 (S-TH)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
2.154E+02 XXX
3.162E+02 XX
4.642E+02 XX
6.813E+02 X
1.000E+03
1.468E+03
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM ANTILOG	=	2.00000E+02
MAXIMUM ANTILOG	=	1.50000E+03
GEOMETRIC MEAN	=	3.38218E+02
GEOMETRIC DEVIATION	=	1.72252E+00
VARIANCE OF LOGS	=	5.57742E-02

Table 9. Frequency tables and histograms of analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness study area--continued

FREQUENCY TABLE FOR VARIABLE 31 (S-NB)

LOG LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
		N	200	200	26.53	26.53		
		L	53	253	7.03	33.55		
		T	0	253	0.00	33.55	61.38	61.38
1.583E+00	-	1.750E+00	79	332	10.48	44.03	117.33	12.52
1.750E+00	-	1.916E+00	83	415	11.01	55.04	187.40	58.16
1.916E+00	-	2.083E+00	127	542	16.84	71.88	191.89	21.95
2.083E+00	-	2.250E+00	96	638	12.73	84.62	125.97	7.13
2.250E+00	-	2.416E+00	95	733	12.60	97.21	53.00	33.29
2.416E+00	-	2.583E+00	17	750	2.25	99.47	14.28	0.52
2.583E+00	-	2.750E+00	4	754	0.53	100.00	2.75	0.56
		G	0	754	0.00	100.00	0.00	0.00
		H	0	754				
		B	0	754				

TOTALS LESS H AND B 754

HISTOGRAM FOR VARIABLE 31 (S-NB)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

```
4.638E+01 XXXXXXXXXX
6.808E+01 XXXXXXXXXX
9.992E+01 XXXXXXXXXXXXXXXXX
1.467E+02 XXXXXXXXXXXXX
2.153E+02 XXXXXXXXXXXXX
3.160E+02 XX
4.638E+02 X
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM ANTILOG = 5.00000E+01
MAXIMUM ANTILOG = 5.00000E+02
GEOMETRIC MEAN = 1.09513E+02
GEOMETRIC DEVIATION = 1.68680E+00
VARIANCE OF LOGS = 5.15582E-02

Table 10. Correlation coefficients for analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness study area

COLUMN	VERSUS	COLUMN	CORRELATION COEFFICIENT	NO. OF PAIRS
1 (S-MG%)	2 (S-CA%)		-0.1514	754
1 (S-MG%)	3 (S-FE%)		0.4394	754
1 (S-MG%)	4 (S-TI%)		-0.0559	107
1 (S-MG%)	5 (S-MN)		0.6367	753
1 (S-MG%)	6 (S-CR)		0.4549	734
1 (S-MG%)	7 (S-NI)		0.2872	509
1 (S-MG%)	8 (S-CO)		0.0234	544
1 (S-MG%)	9 (S-CU)		-0.0143	714
1 (S-MG%)	10 (S-MO)		-0.0662	155
1 (S-MG%)	11 (S-W)		0.1677	173
1 (S-MG%)	12 (S-SN)		-0.2145	442
1 (S-MG%)	13 (S-BI)		0.1012	86
1 (S-MG%)	14 (S-PB)		-0.0247	524
1 (S-MG%)	15 (S-AG)		-0.0896	113
1 (S-MG%)	16 (AA-ZN-P)		-0.0338	93
1 (S-MG%)	17 (S-CD)		-0.4467	8
1 (S-MG%)	18 (S-AS)		0.0572	65
1 (S-MG%)	19 (S-SB)		-1.0000	2
1 (S-MG%)	20 (INST-HG)		-0.0848	171
1 (S-MG%)	21 (S-B)		0.1007	666
1 (S-MG%)	22 (S-BE)		-0.1261	47
1 (S-MG%)	23 (S-SR)		-0.0557	641
1 (S-MG%)	24 (S-BA)		-0.0930	737
1 (S-MG%)	25 (S-LA)		-0.0985	622
1 (S-MG%)	26 (S-Y)		-0.3040	753
1 (S-MG%)	27 (S-ZR)		-0.3298	256
1 (S-MG%)	28 (S-TH)		0.0866	60
1 (S-MG%)	29 (S-NB)		-0.1078	501
2 (S-CA%)	3 (S-FE%)		-0.3231	754
2 (S-CA%)	4 (S-TI%)		0.2236	107
2 (S-CA%)	5 (S-MN)		-0.1151	753
2 (S-CA%)	6 (S-CR)		-0.2528	734
2 (S-CA%)	7 (S-NI)		-0.0172	509
2 (S-CA%)	8 (S-CO)		0.0050	544
2 (S-CA%)	9 (S-CU)		-0.0629	714
2 (S-CA%)	10 (S-MO)		-0.2091	155
2 (S-CA%)	11 (S-W)		-0.1853	173
2 (S-CA%)	12 (S-SN)		0.0479	442
2 (S-CA%)	13 (S-BI)		-0.0713	86
2 (S-CA%)	14 (S-PB)		-0.0475	524
2 (S-CA%)	15 (S-AG)		0.0075	113
2 (S-CA%)	16 (AA-ZN-P)		0.0476	93
2 (S-CA%)	17 (S-CD)		-0.0667	8
2 (S-CA%)	18 (S-AS)		-0.1363	65
2 (S-CA%)	19 (S-SB)		-1.0000	2
2 (S-CA%)	20 (INST-HG)		0.0577	171
2 (S-CA%)	21 (S-B)		-0.1337	666
2 (S-CA%)	22 (S-BE)		0.3419	47
2 (S-CA%)	23 (S-SR)		0.1204	641
2 (S-CA%)	24 (S-BA)		-0.0119	737
2 (S-CA%)	25 (S-LA)		0.1427	622
2 (S-CA%)	26 (S-Y)		0.4284	753
2 (S-CA%)	27 (S-ZR)		0.0187	256
2 (S-CA%)	28 (S-TH)		-0.1966	60
2 (S-CA%)	29 (S-NB)		-0.0782	501
3 (S-FE%)	4 (S-TI%)		-0.1167	107
3 (S-FE%)	5 (S-MN)		0.6401	753
3 (S-FE%)	6 (S-CR)		0.1783	734
3 (S-FE%)	7 (S-NI)		0.0771	509
3 (S-FE%)	8 (S-CO)		0.3839	544
3 (S-FE%)	9 (S-CU)		0.0471	714
3 (S-FE%)	10 (S-MO)		0.2730	155
3 (S-FE%)	11 (S-W)		0.2472	173
3 (S-FE%)	12 (S-SN)		0.2145	442
3 (S-FE%)	13 (S-BI)		0.1700	86
3 (S-FE%)	14 (S-PB)		0.0784	524
3 (S-FE%)	15 (S-AG)		0.0196	113
3 (S-FE%)	16 (AA-ZN-P)		0.0525	93
3 (S-FE%)	17 (S-CD)		0.2816	8
3 (S-FE%)	18 (S-AS)		0.4257	65
3 (S-FE%)	19 (S-SB)		1.0000	2
3 (S-FE%)	20 (INST-HG)		-0.0561	171
3 (S-FE%)	21 (S-B)		0.1960	666
3 (S-FE%)	22 (S-BE)		0.0695	47
3 (S-FE%)	23 (S-SR)		0.0333	641
3 (S-FE%)	24 (S-BA)		0.0934	737
3 (S-FE%)	25 (S-LA)		-0.0003	622
3 (S-FE%)	26 (S-Y)		-0.2324	753
3 (S-FE%)	27 (S-ZR)		-0.2671	256
3 (S-FE%)	28 (S-TH)		0.0149	60
3 (S-FE%)	29 (S-NB)		-0.2342	501
4 (S-TI%)	5 (S-MN)		0.0401	106
4 (S-TI%)	6 (S-CR)		-0.0644	99
4 (S-TI%)	7 (S-NI)		0.0556	79
4 (S-TI%)	8 (S-CO)		0.0555	86
4 (S-TI%)	9 (S-CU)		0.1108	104
4 (S-TI%)	10 (S-MO)		0.0413	23
4 (S-TI%)	11 (S-W)		0.0186	26
4 (S-TI%)	12 (S-SN)		-0.0031	26
4 (S-TI%)	13 (S-BI)		-0.1711	22
4 (S-TI%)	14 (S-PB)		0.1251	66
4 (S-TI%)	15 (S-AG)		-0.0415	17
4 (S-TI%)	16 (AA-ZN-P)		0.0357	11
4 (S-TI%)	17 (S-CD)		-1.0000	2
4 (S-TI%)	18 (S-AS)		0.2327	19
4 (S-TI%)	19 (S-SB)		********	1
4 (S-TI%)	20 (INST-HG)		0.1915	20
4 (S-TI%)	21 (S-B)		0.1037	99
4 (S-TI%)	22 (S-BE)		-0.5367	10
4 (S-TI%)	23 (S-SR)		-0.0768	92

Table 10. Correlation coefficients for analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness study area--continued

COLUMN	VERSUS COLUMN	CORRELATION COEFFICIENT	NO. OF PAIRS
4 (S-TI%)	24 (S-BA)	-0.0311	106
4 (S-TI%)	25 (S-LA)	-0.0151	76
4 (S-TI%)	26 (S-Y)	0.1140	106
4 (S-TI%)	27 (S-ZR)	0.3838	29
4 (S-TI%)	28 (S-TH)	0.3199	19
4 (S-TI%)	29 (S-NB)	0.2596	13
5 (S-MN)	6 (S-CR)	0.1811	733
5 (S-MN)	7 (S-NI)	0.0755	508
5 (S-MN)	8 (S-CO)	0.0914	543
5 (S-MN)	9 (S-CU)	-0.0080	713
5 (S-MN)	10 (S-MO)	-0.0754	155
5 (S-MN)	11 (S-W)	0.1367	173
5 (S-MN)	12 (S-SN)	-0.0907	442
5 (S-MN)	13 (S-BI)	-0.0004	86
5 (S-MN)	14 (S-PB)	-0.0218	523
5 (S-MN)	15 (S-AG)	-0.0337	113
5 (S-MN)	16 (AA-ZN-P)	0.0690	93
5 (S-MN)	17 (S-CD)	-0.0444	8
5 (S-MN)	18 (S-AS)	-0.1096	64
5 (S-MN)	19 (S-SB)	-1.0000	2
5 (S-MN)	20 (INST-HG)	-0.0460	171
5 (S-MN)	21 (S-B)	0.0324	665
5 (S-MN)	22 (S-BE)	0.1340	47
5 (S-MN)	23 (S-SR)	-0.0169	640
5 (S-MN)	24 (S-BA)	-0.0868	736
5 (S-MN)	25 (S-LA)	0.0671	622
5 (S-MN)	26 (S-Y)	-0.1498	752
5 (S-MN)	27 (S-ZR)	-0.3087	256
5 (S-MN)	28 (S-TH)	0.1492	60
5 (S-MN)	29 (S-NB)	-0.1055	501
6 (S-CR)	7 (S-NI)	0.3231	505
6 (S-CR)	8 (S-CO)	-0.0313	530
6 (S-CR)	9 (S-CU)	-0.0660	696
6 (S-CR)	10 (S-MO)	-0.1040	142
6 (S-CR)	11 (S-W)	-0.1271	163
6 (S-CR)	12 (S-SN)	-0.1448	431
6 (S-CR)	13 (S-BI)	0.3162	80
6 (S-CR)	14 (S-PB)	-0.0249	513
6 (S-CR)	15 (S-AG)	-0.1187	111
6 (S-CR)	16 (AA-ZN-P)	-0.0771	93
6 (S-CR)	17 (S-CD)	-0.3265	8
6 (S-CR)	18 (S-AS)	0.0257	64
6 (S-CR)	19 (S-SB)	********	1
6 (S-CR)	20 (INST-HG)	-0.1198	165
6 (S-CR)	21 (S-B)	0.0867	652
6 (S-CR)	22 (S-BE)	0.0224	46
6 (S-CR)	23 (S-SR)	-0.0949	636
6 (S-CR)	24 (S-BA)	-0.0698	717
6 (S-CR)	25 (S-LA)	-0.2414	604
6 (S-CR)	26 (S-Y)	-0.3517	733
6 (S-CR)	27 (S-ZR)	-0.1253	250
6 (S-CR)	28 (S-TH)	-0.2068	54
6 (S-CR)	29 (S-NB)	0.2402	492
7 (S-NI)	8 (S-CO)	0.1404	433
7 (S-NI)	9 (S-CU)	0.0128	489
7 (S-NI)	10 (S-MO)	-0.0647	96
7 (S-NI)	11 (S-W)	-0.0717	109
7 (S-NI)	12 (S-SN)	-0.0642	283
7 (S-NI)	13 (S-BI)	0.3345	48
7 (S-NI)	14 (S-PB)	0.2197	356
7 (S-NI)	15 (S-AG)	0.1973	81
7 (S-NI)	16 (AA-ZN-P)	-0.1266	87
7 (S-NI)	17 (S-CD)	-0.1107	6
7 (S-NI)	18 (S-AS)	0.1174	55
7 (S-NI)	19 (S-SB)	1.0000	2
7 (S-NI)	20 (INST-HG)	0.0534	115
7 (S-NI)	21 (S-B)	-0.0511	453
7 (S-NI)	22 (S-BE)	-0.1754	34
7 (S-NI)	23 (S-SR)	-0.0196	452
7 (S-NI)	24 (S-BA)	0.0330	494
7 (S-NI)	25 (S-LA)	-0.1017	418
7 (S-NI)	26 (S-Y)	-0.0624	509
7 (S-NI)	27 (S-ZR)	-0.1415	196
7 (S-NI)	28 (S-TH)	-0.0922	28
7 (S-NI)	29 (S-NB)	0.1302	341
8 (S-CO)	9 (S-CU)	0.0985	523
8 (S-CO)	10 (S-MO)	0.0505	115
8 (S-CO)	11 (S-W)	0.0728	125
8 (S-CO)	12 (S-SN)	0.1608	314
8 (S-CO)	13 (S-BI)	-0.0563	58
8 (S-CO)	14 (S-PB)	0.0599	393
8 (S-CO)	15 (S-AG)	-0.0341	97
8 (S-CO)	16 (AA-ZN-P)	0.0360	80
8 (S-CO)	17 (S-CD)	0.3297	8
8 (S-CO)	18 (S-AS)	0.3880	56
8 (S-CO)	19 (S-SB)	1.0000	2
8 (S-CO)	20 (INST-HG)	-0.0048	113
8 (S-CO)	21 (S-B)	0.0269	489
8 (S-CO)	22 (S-BE)	-0.0485	33
8 (S-CO)	23 (S-SR)	0.1223	470
8 (S-CO)	24 (S-BA)	0.2517	531
8 (S-CO)	25 (S-LA)	0.0400	440
8 (S-CO)	26 (S-Y)	0.0354	544
8 (S-CO)	27 (S-ZR)	-0.2769	212
8 (S-CO)	28 (S-TH)	-0.1682	41
8 (S-CO)	29 (S-NB)	-0.1290	359
9 (S-CU)	10 (S-MO)	0.5290	144
9 (S-CU)	11 (S-W)	0.1826	166
9 (S-CU)	12 (S-SN)	0.0168	408
9 (S-CU)	13 (S-BI)	-0.0374	82

Table 10. Correlation coefficients for analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness study area--continued

COLUMN	VERSUS	COLUMN	CORRELATION COEFFICIENT	NO. OF PAIRS
9 (S-CU)	14	(S-PB)	0.1278	498
9 (S-CU)	15	(S-AG)	0.0274	109
9 (S-CU)	16	(AA-ZN-P)	0.0463	92
9 (S-CU)	17	(S-CD)	0.3844	8
9 (S-CU)	18	(S-AS)	0.5700	63
9 (S-CU)	19	(S-SB)	1.0000	2
9 (S-CU)	20	(INST-HG)	-0.0683	164
9 (S-CU)	21	(S-B)	0.0505	634
9 (S-CU)	22	(S-BE)	-0.0992	46
9 (S-CU)	23	(S-SR)	-0.0152	613
9 (S-CU)	24	(S-BA)	-0.0045	697
9 (S-CU)	25	(S-LA)	0.0364	584
9 (S-CU)	26	(S-Y)	-0.0046	713
9 (S-CU)	27	(S-ZR)	-0.0358	238
9 (S-CU)	28	(S-TH)	0.3210	57
9 (S-CU)	29	(S-NB)	0.0005	468
10 (S-MO)	11	(S-W)	0.2113	67
10 (S-MO)	12	(S-SN)	0.1051	118
10 (S-MO)	13	(S-BI)	-0.0946	46
10 (S-MO)	14	(S-PB)	0.1405	121
10 (S-MO)	15	(S-AG)	0.2124	47
10 (S-MO)	16	(AA-ZN-P)	0.4159	11
10 (S-MO)	17	(S-CD)	-0.5347	5
10 (S-MO)	18	(S-AS)	0.1395	31
10 (S-MO)	19	(S-SB)	********	0
10 (S-MO)	20	(INST-HG)	-0.0908	30
10 (S-MO)	21	(S-B)	0.0567	131
10 (S-MO)	22	(S-BE)	-0.2794	7
10 (S-MO)	23	(S-SR)	-0.0306	111
10 (S-MO)	24	(S-BA)	0.0750	150
10 (S-MO)	25	(S-LA)	0.0425	142
10 (S-MO)	26	(S-Y)	-0.0001	155
10 (S-MO)	27	(S-ZR)	-0.1035	35
10 (S-MO)	28	(S-TH)	0.0148	27
10 (S-MO)	29	(S-NB)	-0.0587	87
11 (S-W)	12	(S-SN)	0.3247	105
11 (S-W)	13	(S-BI)	0.3404	58
11 (S-W)	14	(S-PB)	0.0165	141
11 (S-W)	15	(S-AG)	0.0657	53
11 (S-W)	16	(AA-ZN-P)	-0.2225	9
11 (S-W)	17	(S-CD)	********	1
11 (S-W)	18	(S-AS)	0.4425	33
11 (S-W)	19	(S-SB)	-1.0000	2
11 (S-W)	20	(INST-HG)	-0.0233	60
11 (S-W)	21	(S-B)	0.2867	156
11 (S-W)	22	(S-BE)	-0.2882	15
11 (S-W)	23	(S-SR)	-0.1151	135
11 (S-W)	24	(S-BA)	-0.0794	168
11 (S-W)	25	(S-LA)	0.0111	153
11 (S-W)	26	(S-Y)	-0.0541	172
11 (S-W)	27	(S-ZR)	-0.2777	26
11 (S-W)	28	(S-TH)	0.0460	32
11 (S-W)	29	(S-NB)	-0.1289	97
12 (S-SN)	13	(S-BI)	0.5247	64
12 (S-SN)	14	(S-PB)	0.0730	330
12 (S-SN)	15	(S-AG)	0.2634	75
12 (S-SN)	16	(AA-ZN-P)	0.2713	51
12 (S-SN)	17	(S-CD)	-0.2278	7
12 (S-SN)	18	(S-AS)	0.5154	31
12 (S-SN)	19	(S-SB)	********	0
12 (S-SN)	20	(INST-HG)	-0.0118	83
12 (S-SN)	21	(S-B)	0.0728	381
12 (S-SN)	22	(S-BE)	0.0518	24
12 (S-SN)	23	(S-SR)	-0.1244	374
12 (S-SN)	24	(S-BA)	-0.0208	431
12 (S-SN)	25	(S-LA)	0.1740	395
12 (S-SN)	26	(S-Y)	0.4107	442
12 (S-SN)	27	(S-ZR)	0.0297	158
12 (S-SN)	28	(S-TH)	-0.1231	35
12 (S-SN)	29	(S-NB)	0.1696	353
13 (S-BI)	14	(S-PB)	-0.0013	79
13 (S-BI)	15	(S-AG)	0.1838	42
13 (S-BI)	16	(AA-ZN-P)	0.3167	7
13 (S-BI)	17	(S-CD)	-1.0000	2
13 (S-BI)	18	(S-AS)	0.5356	21
13 (S-BI)	19	(S-SB)	********	1
13 (S-BI)	20	(INST-HG)	-0.2391	21
13 (S-BI)	21	(S-B)	0.2111	75
13 (S-BI)	22	(S-BE)	0.0412	10
13 (S-BI)	23	(S-SR)	-0.1633	61
13 (S-BI)	24	(S-BA)	-0.0548	85
13 (S-BI)	25	(S-LA)	-0.0966	81
13 (S-BI)	26	(S-Y)	-0.0642	86
13 (S-BI)	27	(S-ZR)	-0.0771	11
13 (S-BI)	28	(S-TH)	0.3319	23
13 (S-BI)	29	(S-NB)	0.2767	38
14 (S-PB)	15	(S-AG)	0.1644	107
14 (S-PB)	16	(AA-ZN-P)	0.4951	56
14 (S-PB)	17	(S-CD)	0.0473	8
14 (S-PB)	18	(S-AS)	0.0580	59
14 (S-PB)	19	(S-SB)	1.0000	2
14 (S-PB)	20	(INST-HG)	-0.0076	107
14 (S-PB)	21	(S-B)	-0.0118	483
14 (S-PB)	22	(S-BE)	-0.0634	38
14 (S-PB)	23	(S-SR)	0.0385	461
14 (S-PB)	24	(S-BA)	-0.0249	507
14 (S-PB)	25	(S-LA)	0.0313	440
14 (S-PB)	26	(S-Y)	-0.0099	524
14 (S-PB)	27	(S-ZR)	-0.0252	171
14 (S-PB)	28	(S-TH)	0.2056	49

Table 10. Correlation coefficients for analytical data from panned concentrates from stream sediments from the Glacier Peak Wilderness study area--continued

COLUMN	VERSUS	COLUMN	CORRELATION COEFFICIENT	NO. OF PAIRS
14 (S-PB)	29 (S-NB)		-0.0515	352
15 (S-AG)	16 (AA-ZN-P)		-1.0000	2
15 (S-AG)	17 (S-CD)		0.3090	5
15 (S-AG)	18 (S-AS)		0.0702	31
15 (S-AG)	19 (S-SB)		1.0000	2
15 (S-AG)	20 (INST-HG)		-0.0164	33
15 (S-AG)	21 (S-B)		0.0159	105
15 (S-AG)	22 (S-BE)		-0.4626	6
15 (S-AG)	23 (S-SR)		0.0579	92
15 (S-AG)	24 (S-BA)		0.0311	107
15 (S-AG)	25 (S-LA)		-0.0876	91
15 (S-AG)	26 (S-Y)		-0.0283	113
15 (S-AG)	27 (S-ZR)		-0.1447	38
15 (S-AG)	28 (S-TH)		-0.2788	15
15 (S-AG)	29 (S-NB)		-0.0875	64
16 (AA-ZN-P)	17 (S-CD)		********	0
16 (AA-ZN-P)	18 (S-AS)		0.2255	4
16 (AA-ZN-P)	19 (S-SB)		********	0
16 (AA-ZN-P)	20 (INST-HG)		0.0811	13
16 (AA-ZN-P)	21 (S-B)		0.0011	66
16 (AA-ZN-P)	22 (S-BE)		********	5
16 (AA-ZN-P)	23 (S-SR)		-0.0480	80
16 (AA-ZN-P)	24 (S-BA)		0.0244	93
16 (AA-ZN-P)	25 (S-LA)		0.2454	72
16 (AA-ZN-P)	26 (S-Y)		0.0587	93
16 (AA-ZN-P)	27 (S-ZR)		0.1698	69
16 (AA-ZN-P)	28 (S-TH)		********	1
16 (AA-ZN-P)	29 (S-NB)		-0.0539	72
17 (S-CD)	18 (S-AS)		1.0000	2
17 (S-CD)	19 (S-SB)		********	0
17 (S-CD)	20 (INST-HG)		********	2
17 (S-CD)	21 (S-B)		0.3626	8
17 (S-CD)	22 (S-BE)		********	0
17 (S-CD)	23 (S-SR)		-0.2918	8
17 (S-CD)	24 (S-BA)		-0.3169	7
17 (S-CD)	25 (S-LA)		0.5756	8
17 (S-CD)	26 (S-Y)		0.8411	8
17 (S-CD)	27 (S-ZR)		********	0
17 (S-CD)	28 (S-TH)		********	0
17 (S-CD)	29 (S-NB)		-0.4082	5
18 (S-AS)	19 (S-SB)		********	1
18 (S-AS)	20 (INST-HG)		-0.0130	26
18 (S-AS)	21 (S-B)		0.3812	59
18 (S-AS)	22 (S-BE)		0.0287	8
18 (S-AS)	23 (S-SR)		-0.0995	51
18 (S-AS)	24 (S-BA)		-0.0359	63
18 (S-AS)	25 (S-LA)		0.0760	53
18 (S-AS)	26 (S-Y)		-0.1056	64
18 (S-AS)	27 (S-ZR)		0.6493	5
18 (S-AS)	28 (S-TH)		0.7754	10
18 (S-AS)	29 (S-NB)		-0.2552	25
19 (S-SB)	20 (INST-HG)		********	0
19 (S-SB)	21 (S-B)		-1.0000	2
19 (S-SB)	22 (S-BE)		********	0
19 (S-SB)	23 (S-SR)		********	1
19 (S-SB)	24 (S-BA)		1.0000	2
19 (S-SB)	25 (S-LA)		********	1
19 (S-SB)	26 (S-Y)		-1.0000	2
19 (S-SB)	27 (S-ZR)		********	0
19 (S-SB)	28 (S-TH)		********	0
19 (S-SB)	29 (S-NB)		********	0
20 (INST-HG)	21 (S-B)		-0.0346	152
20 (INST-HG)	22 (S-BE)		-0.2426	13
20 (INST-HG)	23 (S-SR)		0.0645	140
20 (INST-HG)	24 (S-BA)		0.0653	164
20 (INST-HG)	25 (S-LA)		-0.0632	142
20 (INST-HG)	26 (S-Y)		0.0457	170
20 (INST-HG)	27 (S-ZR)		-0.0511	35
20 (INST-HG)	28 (S-TH)		-0.0668	12
20 (INST-HG)	29 (S-NB)		-0.0522	109
21 (S-B)	22 (S-BE)		-0.1130	42
21 (S-B)	23 (S-SR)		-0.0759	581
21 (S-B)	24 (S-BA)		0.0126	652
21 (S-B)	25 (S-LA)		0.0113	551
21 (S-B)	26 (S-Y)		-0.0793	665
21 (S-B)	27 (S-ZR)		0.0430	225
21 (S-B)	28 (S-TH)		0.0793	53
21 (S-B)	29 (S-NB)		-0.1329	444
22 (S-BE)	23 (S-SR)		-0.3022	42
22 (S-BE)	24 (S-BA)		0.6523	45
22 (S-BE)	25 (S-LA)		0.3444	37
22 (S-BE)	26 (S-Y)		0.3181	47
22 (S-BE)	27 (S-ZR)		0.2308	11
22 (S-BE)	28 (S-TH)		********	2
22 (S-BE)	29 (S-NB)		0.1595	28
23 (S-SR)	24 (S-BA)		0.1498	625
23 (S-SR)	25 (S-LA)		-0.1051	531
23 (S-SR)	26 (S-Y)		-0.2323	640
23 (S-SR)	27 (S-ZR)		0.0225	209
23 (S-SR)	28 (S-TH)		0.1249	46
23 (S-SR)	29 (S-NB)		-0.1383	431
24 (S-BA)	25 (S-LA)		0.0089	607
24 (S-BA)	26 (S-Y)		-0.0224	736
24 (S-BA)	27 (S-ZR)		0.0143	255
24 (S-BA)	28 (S-TH)		0.0561	57
24 (S-BA)	29 (S-NB)		-0.1501	487
25 (S-LA)	26 (S-Y)		0.4347	622
25 (S-LA)	27 (S-ZR)		0.1508	198
25 (S-LA)	28 (S-TH)		-0.2172	53
25 (S-LA)	29 (S-NB)		-0.0623	435
26 (S-Y)	27 (S-ZR)		0.0905	256
26 (S-Y)	28 (S-TH)		-0.0399	60
26 (S-Y)	29 (S-NB)		0.0241	501
27 (S-ZR)	28 (S-TH)		********	1
27 (S-ZR)	29 (S-NB)		0.0582	215
28 (S-TH)	29 (S-NB)		-0.1122	12