UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

Analytical results and sample locality maps of stream-sediment and heavy-mineral-concentrate samples from the Battle Creek (ID-16-49E), Deep Creek-Owyhee River (ID-16-49A), Juniper Creek (ID-16-52), Little Owyhee River (ID-16-48C), Owyhee River Canyon (ID-16-48B), South Fork Owyhee River (ID-16-53), and Yatahoney Creek (ID-16-49D) Bureau of Land Management Wilderness Study Areas, Owyhee County, Idaho

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STUDIES RELATED TO WILDERNESS

Bureau of Land Management Wilderness Study Areas

The Federal Land Policy and Management Act (Public Law 94-579, October 21, 1976) requires the U.S. Geological Survey and the U.S. Bureau of Mines to conduct mineral surveys on certain areas to determine their mineral values, if any. Results must be made available to the public and be submitted to the President and the Congress. This report presents the results of geochemical surveys of the Battle Creek (ID-16-49E), Deep Creek-Owyhee River (ID-16-49A), Little Owyhee River (ID-16-48C), Juniper Creek (ID-16-52), Owyhee River Canyon (ID-16-48B), South Fork Owyhee River (ID-16-53), and the Yatahoney Creek (ID-16-49D), Wilderness Study Areas,Owyhee County, Idaho.

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INTRODUCTION

During May to August of 1984, the U.S. Geological Survey conducted reconnaissance geochemical surveys of Battle Creek (ID-16-49E), Deep Creek-Owyhee River (ID-16-49A), Little Owyhee River (ID-16-48C), Juniper Creek (ID-16-52), Owyhee River Canyon (ID-16-48B), South Fork Owyhee River (ID-16-53), and the Yatahoney Creek (ID-16-49D), Wilderness Study Areas, Owyhee County, Idaho (table 1).

TABLE 1. Bureau of Land Management Wilderness Study Areas in Owyhee County, southwestern Idaho covered in this report

	SIZE		
Wilderness Study Area	mi^2	km^2	acres
Battle Creek	49.8	129.0	31,880
Deep Creek-Owyhee River	105.3	272.7	67,400
Juniper Creek	19.3	50.0	12,350
Little Owyhee River	13.2	34.2	8,460
Owyhee River Canyon	52.7	136.5	33,700
South Fork Owyhee River	66.3	171.7	42,430
Yatahoney Creek	14.9	38.6	9,550

These areas are in the southwest corner of Owyhee County, Idaho, west of State Highway 51 (see fig. 1). Access to the Juniper Creek and Yatahoney Creek Study Areas is provided by an improved gravel road that joins Highway 51 about a mile south of the Idaho-Nevada border and goes to a compressor station west of the northern end of the Juniper Creek area. Access to the eastern parts of the South Fork Owyhee River and Owyhee River Canyon Study Areas is provided by an unimproved dirt road that branches from the road to the compressor station and goes to the 45 Ranch. Access to the west side of the South Fork Owyhee River Study Area and the Little Owyhee River Study Area is provided by unimproved dirt roads from Owyhee or McDermitt, Nevada. Access to

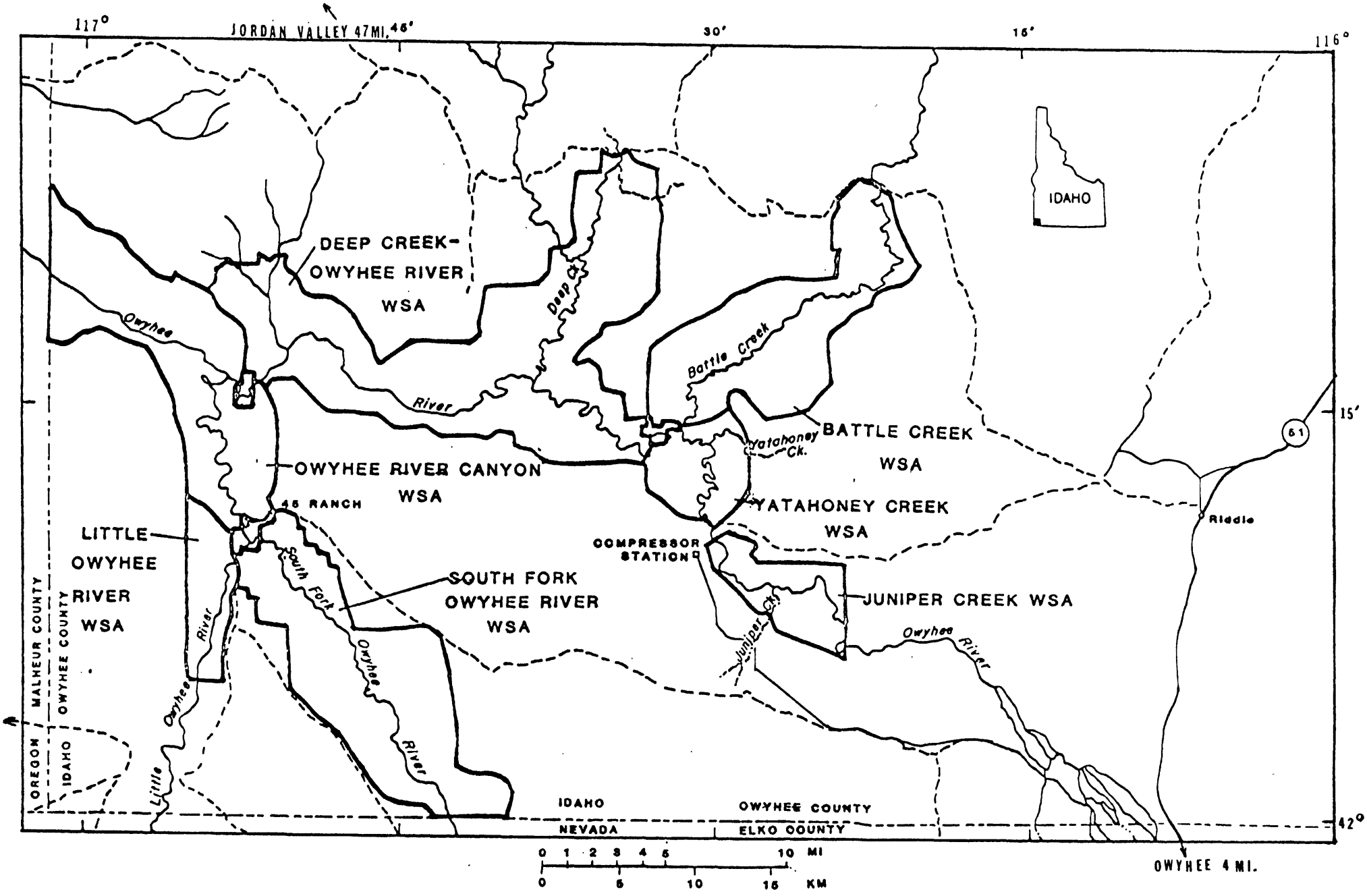

Figure 1. Location map of the Battle Creek (ID-16-49E), Deep Creek-Owyhee River (ID-16-49A), Little Owyhee River (ID-16-48C), Juniper Creek (ID-16-52), Owyhee River Canyon (ID-16-48B), South Fork Owyhee River (ID-16-53), and the Yatahoney Creek (ID-16-49D), Wilderness Study Areas, Owyhee County, Idaho.

the Battle Creek Study Area is provided by an unimproved dirt road from Riddle, Idaho. Access to the Deep Creek-Owyhee River Study Area is provided by an unimproved dirt road from Jordan Valley, Oregon; this road is improved gravel and paved near Jordan Valley. Further access to the study areas is provided by a number of additional unimproved dirt roads and jeep trails that are not shown on the location map.

Rhyolitic rocks of Miocene age, capped by a thin veneer of Miocene olivine basalt lavas (Banbury basalt) and interbedded sedimentary rocks, underlie the region of the study areas. In general, the rhyolitic rocks are flow layered, densely rhyolitic welded tuffs (Ekren and others, 1984). The study areas are within the area of the geologic map of Owhyee County, Idaho, west of longitude 116° W. of Ekren and others (1981).

Topographic relief within the study areas ranges from about 600 ft (183 m) in the Juniper Creek study area to about 1,100 ft (335 m) in the Deep Creek-Owyhee River study area. Maximum elevations in the study areas range from about 5,330 ft (1,625 m) in the Yatahoney Creek study area to about 5,770 ft (1,759 m) in the Battle Creek study area. The study areas are on the Owyhee Plateau both within deeply carved canyons and on the plateau surface. The climate is semiarid.

METHODS OF STUDY

Sample Media

Analyses of the stream-sediment samples represent the chemistry of the rock material eroded from the drainage basin upstream from each sample site. Such information is useful in identifying those basins which contain concentrations of elements that may be related to mineral deposits. Nonmagnetic heavy-mineral-concentrate samples provide information about the chemistry of certain minerals in rock material eroded from the drainage basin upstream from each sample site. The selective concentration of minerals in the nonmagnetic concentrates, many of which may be ore related, permits determination of some elements that are not easily detected in stream-sediment samples. Paramagnetic heavy-mineral concentrates may contain limonite and manganese oxides which in turn may contain high trace-metal values related to mineral deposits.

Sample Collection

At nearly all of those sites (table 2), both a stream-sediment sample and a heavy-mineral-concentrate sample were collected. Sampling density was about one sample site per mi^2 for the stream sediments and heavy-mineral concentrates.

Stream-sediment samples

The stream-sediment samples consisted of active alluvium collected primarily from first-order (unbranched) and second-order (below the junction of two first-order) streams as shown on USGS topographic maps (scale = 1:24,000). Each sample was composited from several localities within an area that may extend as much as 50 ft from the site plotted on the map.

TABLE 2.--Number of sample sites for each Wilderness Study Area

Wilderness Study Area	Number of sites
Battle Creek	54
Deep Creek-Owyhee River	105
Juniper Creek	19
Little Owyhee River	39
Owyhee River Canyon	51
South Fork Owyhee River	59
Yatahoney Creek	17

Heavy-mineral-concentrate samples

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

Sample Preparation

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

After air drying, bromoform (specific gravity 2.8) was used to remove the remaining quartz and feldspar from the heavy-mineral-concentrate samples that had been panned in the field. The resultant heavy-mineral sample was separated into three fractions using a large electromagnet (in this case, a modified Frantz Isodynamic Separator). The most magnetic material, primarily magnetite, was not analyzed. The second fraction (C-2 fraction), largely ferromagnesian silicates and iron oxides, was saved for analysis/archival storage. The third fraction, C-3 fraction, (the least magnetic material, which may include the nonmagnetic ore minerals, zircon, sphene, etc.) and C-2 fraction samples from selected areas were split using a Jones splitter. One split was hand ground for spectrographic analysis; the other split was saved for mineralogical analysis. These magnetic separates are the same separates that would be produced by using a Frantz Isodynamic Separator set at a slope of 15 and a tilt of 10 with a current of 0.1 ampere to remove the magnetite and ilmenite, and a current of 1.0 ampere to split the remainder of the sample into paramagnetic and nonmagnetic fractions.

Sample Analysis

Spectrographic method

The heavy-mineral-concentrate samples were analyzed for 31 elements using a semiquantitative, direct-current arc emission spectrographic method (Grimes and Marranzino, 1968), and the stream-sediment samples were analyzed for 31 elements using the method of Myers and others (1961). The elements analyzed and their lower limits of determination are listed in table 3. Spectrographic results were obtained by visual comparison of spectra derived from the sample against spectra obtained from standards made from pure oxides and carbonates. Standard concentrations are geometrically spaced over any given

order of magnitude of concentration as follows: 100, 50, 20, 10, and so forth. Samples whose concentrations are estimated to fall between those values are assigned values of 70, 30, 15, and so forth. The precision of the analytical method is approximately plus or minus one reporting interval at the 83 percent confidence level and plus or minus two reporting intervals at the 96 percent confidence level (Motooka and Grimes, 1976). Values determined for the major elements (iron, magnesium, calcium, and titanium) are given in weight percent; all others are given in parts per million (micrograms/gram).

Analytical data for samples from the Battle Creek (ID-16-49E), Deep Creek-Owyhee River (ID-16-49A), Little Owyhee River (ID-16-48C), Juniper Creek (ID-16-52), Owyhee River Canyon (ID-16-48B), South Fork Owyhee River (ID-16-53), and the Yatahoney Creek (ID-16-49D), Wilderness Study Areas, Owyhee County, Idaho, are listed in tables 5-20.

Chemical methods

Other methods of analysis used on samples from these Wilderness Study Areas are summarized in table 4.

Analytical results for stream-sediment and heavy-mineral-concentrate samples are listed in tables 5-20, respectively.

ROCK ANALYSIS STORAGE SYSTEM

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

DESCRIPTION OF DATA TABLES

Tables 5-20 list the analyses for the samples of stream sediment and heavy-mineral concentrate, respectively. For the tables, the data are arranged so that column 1 contains the USGS-assigned sample numbers. These numbers correspond to the numbers shown on the site location maps (plate 1). Columns in which the element headings show the letter "s" below the element symbol are emission spectrographic analyses; "ICP" indicates inductively coupled plasma atomic emission spectroscopy analyses. Spectrographic analyses for heavy-mineral-concentrate samples were done by the Grimes and Marranzino method (Grimes and Marranzino, 1968); spectrographic analyses for stream-sediment samples by the Myers and others method (Myers and others, 1961). For arsenic (As), gold (Au), cadmium (Cd), and thorium (Th), the lower limit of determination by the two spectrographic methods varies. The value in parentheses is the limit of determination for the Myers and others (1961) method. All other values are the same for both methods. A letter "N" in the tables indicates that a given element was looked for but not detected at the lower limit of determination shown for that element in table 3. If an element was observed but was below the lowest reporting value, a "less than" symbol (<) was entered in the tables in front of the lower limit of determination. If an element was observed but was above the highest reporting value, a "greater than" symbol (>) was entered in the tables in front of the upper limit of determination. If an element was not looked for in a sample, two dashes (--) are entered in tables 5-20 in place of an analytical value.

Because of the formatting used in the computer program that produced tables 5-20, some of the elements listed in these tables (Fe, Mg, Ca, Ti, Ag, and Be) carry one or more nonsignificant digits to the right of the significant digits. The analysts did not determine these elements to the accuracy suggested by the extra zeros.

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TABLE 3.--Limits of determination for the spectrographic analysis of stream sediments, based on a 10-mg sample

[The values shown are the lower limits of determination assigned by the Grimes and Marranzino method, except for those values in parentheses, which are the lower values assigned by the Myers and others method (Myers and others, 1961). The spectrographic limits of determination for heavy-mineral-concentrate samples (Grimes and Marranzino, 1968) are based on a 5-mg sample, and are therefore two reporting intervals higher than the limits given for stream sediments.]

Elements	Lower determination limit	Upper determination limit
	Percent	
Iron (Fe)	0.05	20
Magnesium (Mg)	.02	10
Calcium (Ca)	.05	20
Titanium (Ti)	.002	1
	Parts per million	
Manganese (Mn)	10	5,000
Silver (Ag)	0.5	5,000
Arsenic (As)	200 (700)	10,000
Gold (Au)	10 (15)	500
Boron (B)	10	2,000
Barium (Ba)	20	5,000
Beryllium (Be)	1	1,000
Bismuth (Bi)	10	1,000
Cadmium (Cd)	20 (30)	500
Cobalt (Co)	5	2,000
Chromium (Cr)	10	5,000
Copper (Cu)	5	20,000
Lanthanum (La)	20 (30)	1,000
Molybdenum (Mo)	5	2,000
Niobium (Nb)	20	2,000
Nickel (Ni)	5	5,000
Lead (Pb)	10	20,000
Antimony (Sb)	100	10,000
Scandium (Sc)	5	100
Tin (Sn)	10	1,000
Strontium (Sr)	100	5,000
Vanadium (V)	10	10,000
Tungsten (W)	50	10,000
Yttrium (Y)	10	2,000
Zinc (Zn)	200	10,000
Zirconium (Zr)	10	1,000
Thorium (Th)	100 (200)	2,000

TABLE 4.--Chemical methods used

[AA = atomic absorption; ICP = inductively coupled plasma source spectrography]

Element or constituent determined	Sample Type	Method	Determination limit (micrograms/ gram or ppm)	Analysts	Reference
Mercury (Hg)	stream sediment	AA	0.02	Fey, D. and Briggs, P. H.	Koirtyohann, and Khalil 1976.
Arsenic (As)	stream	ICP	5	Fey, D., and	Crock and
Antimony (Sb)	sediment	ICP	2	Briggs, P. H.	others, 1983,
Bismuth (Bi)		ICP	2		and modification
Cadmium (Cd)		ICP	0.1		of O'Leary and
Zinc (Zn)		ICP	2		Viets, 1986.

Table 5.--Analyses of stream-sediment samples, Battle Creek Wilderness Study Area (ID-16-49E), Owyhee County, Idaho

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

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
BC001HS	42 22 52	116 21 55	5	.5	1.5	1.0	700	<.5	<700	<15	10	700	1.5
BC002DS	42 22 36	116 22 22	2	.5	.7	.5	700	<.5	<700	<15	15	700	3.0
BC003HS	42 21 52	116 21 22	2	.7	1.5	.3	700	<.5	<700	<15	<10	700	1.5
BC004DS	42 21 46	116 21 47	7	1.5	1.5	1.0	1,500	<.5	<700	<15	15	1,500	3.0
BC005DS	42 20 3	116 21 15	7	2.0	1.5	1.0	1,500	<.5	<700	<15	15	1,500	3.0
BC006HS	42 19 40	116 20 26	7	2.0	1.5	1.0	700	<.5	<700	<15	15	1,000	3.0
BC007MS	42 21 7	116 21 40	7	1.5	1.5	>1.0	1,500	<.5	<700	<15	15	1,500	3.0
BC008MS	42 20 1	116 21 38	7	1.5	1.5	1.0	1,500	<.5	<700	<15	15	1,500	3.0
BC009MS	42 19 28	116 22 55	3	.7	1.5	.3	700	<.5	<700	<15	15	700	1.5
BC010MS	42 19 13	116 23 14	3	.7	.7	.3	700	<.5	<700	<15	15	700	1.5
BC011MS	42 19 10	116 23 39	3	1.0	1.5	.5	700	<.5	<700	<15	15	700	1.5
BC012MS	42 19 5	116 24 41	7	2.0	1.5	1.0	2,000	<.5	<700	<15	15	1,000	2.0
BC013MS	42 19 12	116 25 2	3	.5	1.0	.5	500	<.5	<700	<15	10	1,000	1.5
BC014MS	42 18 57	116 25 46	3	.7	1.5	.5	700	<.5	<700	<15	20	700	1.5
BC015MS	42 18 18	116 26 32	7	1.5	1.5	>1.0	1,500	<.5	<700	<15	15	1,500	3.0
BC016MS	42 17 57	116 26 32	3	1.0	1.0	.3	700	<.5	<700	<15	10	700	1.5
BC017MS	42 17 5	116 28 16	3	.7	1.5	.7	700	<.5	<700	<15	15	1,000	2.0
BC018MS	42 16 46	116 28 46	5	.7	1.5	.7	700	<.5	<700	<15	15	1,000	2.0
BC019MS	42 16 48	116 28 10	3	1.5	1.5	.7	1,000	<.5	<700	<15	10	1,000	1.5
BC020MS	42 16 39	116 29 13	7	1.5	1.5	1.0	1,500	<.5	<700	<15	15	1,500	2.0
BC021MS	42 16 28	116 29 47	7	1.5	1.5	>1.0	1,500	<.5	<700	<15	15	1,500	3.0
BC022MS	42 16 1	116 30 39	3	.7	1.5	.5	700	<.5	<700	<15	15	1,500	2.0
BC023MS	42 15 37	116 31 4	3	.7	1.5	.7	700	<.5	<700	<15	15	700	1.5
BC024MS	42 14 44	116 30 48	3	.7	1.0	.5	1,000	<.5	<700	<15	15	700	1.5
BC025MS	42 14 27	116 31 32	5	1.5	1.5	.7	1,500	<.5	<700	<15	20	1,500	3.0
BC026MS	42 14 13	116 31 56	3	.7	1.5	.5	700	<.5	<700	<15	15	700	1.5
BC100DS	42 15 58	116 27 34	3	.7	1.5	.7	700	<.5	<700	<15	10	1,000	1.5
BC101KS	42 16 4	116 27 26	7	1.5	2.0	.7	1,500	<.5	<700	<15	15	1,000	2.0
BC102DS	42 15 59	116 27 27	7	3.0	3.0	>1.0	3,000	<.5	<700	<15	15	1,500	2.0
BC103KS	42 15 34	116 26 50	3	.7	1.5	.5	1,500	<.5	<700	<15	15	700	1.5
BC104DS	42 15 34	116 25 30	2	.7	1.5	.7	1,000	<.5	<700	<15	15	700	1.5
BC105DS	42 15 4	116 24 52	5	1.5	2.0	1.0	3,000	<.5	<700	<15	15	1,000	2.0
BC106KS	42 17 1	116 25 53	7	3.0	3.0	>1.0	3,000	<.5	<700	<15	15	1,500	2.0
BC107KS	42 16 37	116 26 45	3	1.5	2.0	.7	2,000	<.5	<700	<15	20	1,500	1.5
BC108KS	42 16 33	116 27 41	2	1.0	1.5	.5	700	<.5	<700	<15	15	700	1.5
BC109KS	42 16 50	116 24 23	3	1.0	1.5	.7	3,000	<.5	<700	<15	15	1,000	1.5
BC110KS	42 14 42	116 29 42	5	2.0	2.0	1.0	700	<.5	<700	<15	15	1,000	2.0
BC201TS	42 20 44	116 24 14	5	.5	1.0	1.0	700	<.5	<700	<15	10	700	1.5
BC202TS	42 20 0	116 23 12	3	.7	1.0	.7	700	<.5	<700	<15	10	1,000	1.5
BC203TS	42 18 18	116 28 25	3	.7	1.0	.7	700	<.5	<700	<15	<10	1,000	1.5
BC204TS	42 18 16	116 28 28	10	1.5	1.5	>1.0	1,000	<.5	<700	<15	10	1,500	3.0
BC205TS	42 17 49	116 28 48	3	.5	1.0	.7	700	<.5	<700	<15	10	700	2.0
BC206TS	42 17 44	116 28 15	7	1.5	1.5	1.0	1,500	<.5	<700	<15	15	1,500	3.0
BC301DS	42 17 10	116 31 11	10	1.5	1.5	>1.0	1,500	<.5	<700	<15	<10	1,500	3.0
BC302HS	42 17 11	116 31 15	7	1.5	1.5	>1.0	1,500	<.5	<700	<15	15	1,500	3.0

Table 5.--Analyses of stream-sediment samples, Battle Creek Wilderness Study Area (ID-16-49E), Owyhee County, Idaho--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s
BC001HS	<10	<30	10	30	15	70	5	30	7	30	<100	7	<10
BC002DS	<10	<30	7	30	20	70	<5	<20	15	20	<100	7	<10
BC003HS	<10	<30	10	70	15	70	<5	20	10	30	<100	7	<10
BC004DS	<10	<30	10	70	50	100	<5	20	15	30	<100	10	<10
BC005DS	<10	<30	15	70	50	100	<5	20	15	30	<100	10	<10
BC006HS	<10	<30	15	70	70	150	<5	30	30	20	<100	15	<10
BC007MS	<10	<30	10	70	70	150	<5	20	20	20	<100	15	<10
BC008MS	<10	<30	10	70	70	150	<5	20	15	30	<100	15	<10
BC009MS	<10	<30	15	70	30	70	<5	<20	20	20	<100	7	<10
BC010MS	<10	<30	7	20	20	70	<5	<20	15	20	<100	7	<10
BC011MS	<10	<30	15	70	20	70	<5	<20	30	15	<100	7	<10
BC012MS	<10	<30	15	70	50	70	<5	20	30	20	<100	15	<10
BC013MS	<10	<30	7	15	7	70	<5	30	7	30	<100	7	<10
BC014MS	<10	<30	7	30	20	70	<5	20	15	20	<100	7	<10
BC015MS	<10	<30	15	30	30	100	<5	30	15	30	<100	15	<10
BC016MS	<10	<30	10	70	30	70	<5	<20	30	15	<100	7	<10
BC017MS	<10	<30	10	30	10	70	<5	30	10	20	<100	7	<10
BC018MS	<10	<30	15	20	10	100	<5	30	7	30	<100	10	<10
BC019MS	<10	<30	15	70	7	100	<5	30	15	20	<100	10	<10
BC020MS	<10	<30	10	30	50	70	<5	30	15	30	<100	10	<10
BC021MS	<10	<30	15	50	30	150	<5	30	15	30	<100	15	<10
BC022MS	<10	<30	7	15	10	150	<5	30	7	20	<100	7	<10
BC023MS	<10	<30	10	30	15	100	<5	30	15	20	<100	7	<10
BC024MS	<10	<30	10	50	15	70	<5	20	15	20	<100	7	<10
BC025MS	<10	<30	15	70	50	70	<5	20	15	30	<100	15	<10
BC026MS	<10	<30	10	20	15	70	<5	20	10	20	<100	7	<10
BC100DS	<10	<30	7	15	7	150	<5	30	7	30	<100	7	<10
BC101KS	<10	<30	15	70	30	70	<5	20	30	20	<100	15	<10
BC102DS	<10	<30	20	150	30	150	<5	20	20	30	<100	15	<10
BC103KS	<10	<30	15	70	15	50	<5	<20	30	30	<100	7	<10
BC104DS	<10	<30	15	150	15	70	<5	<20	20	20	<100	7	<10
BC105DS	<10	<30	30	70	70	70	<5	<20	50	30	<100	15	<10
BC106KS	<10	<30	30	150	70	70	<5	30	30	30	<100	15	<10
BC107KS	<10	<30	30	150	50	150	<5	<20	30	30	<100	15	<10
BC108KS	<10	<30	15	70	30	30	<5	<20	30	20	<100	7	<10
BC109KS	<10	<30	30	150	20	70	<5	30	50	30	<100	10	<10
BC110KS	<10	<30	15	70	30	70	<5	20	20	30	<100	10	<10
BC201TS	<10	<30	10	30	15	70	5	30	10	30	<100	7	<10
BC202TS	<10	<30	7	30	15	70	<5	30	10	30	<100	7	<10
BC203TS	<10	<30	7	15	15	70	<5	30	7	30	<100	7	<10
BC204TS	<10	<30	15	70	30	150	<5	30	15	30	<100	15	10
BC205TS	<10	<30	7	15	10	70	<5	30	7	30	<100	7	<10
BC206TS	<10	<30	15	50	20	150	<5	30	15	30	<100	15	<10
BC301DS	<10	<30	15	30	15	150	<5	30	7	30	<100	15	15
BC302HS	<10	<30	7	30	20	150	<5	30	7	30	<100	10	<10

Table 5.--Analyses of stream-sediment samples, Battle Creek Wilderness Study Area (ID-16-49E), Owyhee County, Idaho--Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	As-ppm icp	Zn-ppm icp	Cd-ppm icp	Bi-ppm icp	Sb-ppm icp
BC001HS	200	150	<50	30	<200	500	<200	<5	61	.4	<2	<2
BC002DS	150	50	<50	70	<200	200	<200	13	51	.4	<2	<2
BC003HS	200	70	<50	50	<200	300	<200	8	46	.3	<2	<2
BC004DS	300	70	<50	70	<200	500	<200	6	54	.7	<2	<2
BC005DS	500	70	<50	70	<200	1,500	<200	<5	44	.4	<2	<2
BC006HS	500	70	<50	70	<200	700	<200	<5	41	.2	<2	<2
BC007MS	300	70	<50	70	<200	1,000	<200	<5	46	.5	<2	<2
BC008MS	300	70	<50	70	<200	1,000	<200	6	57	.4	<2	<2
BC009MS	200	70	<50	30	<200	300	<200	8	65	.5	<2	<2
BC010MS	200	70	<50	30	<200	300	<200	9	55	.4	<2	<2
BC011MS	300	70	<50	30	<200	300	<200	7	55	.5	<2	<2
BC012MS	300	70	<50	30	<200	300	<200	<5	52	.6	<2	<2
BC013MS	200	70	<50	30	<200	300	<200	<5	38	.2	<2	<2
BC014MS	200	70	<50	30	<200	300	<200	9	66	.5	<2	<2
BC015MS	300	70	<50	70	<200	1,000	<200	<5	65	.6	<2	<2
BC016MS	200	70	<50	30	<200	200	<200	11	75	.6	<2	<2
BC017MS	200	70	<50	50	<200	300	<200	7	55	.4	<2	<2
BC018MS	300	150	<50	50	<200	300	<200	<5	71	.4	<2	<2
BC019MS	300	100	<50	30	<200	300	<200	<5	52	.4	<2	<2
BC020MS	300	100	<50	50	<200	700	<200	6	56	.4	<2	<2
BC021MS	300	150	<50	70	<200	700	<200	<5	57	.5	<2	<2
BC022MS	150	70	<50	50	<200	300	<200	<5	48	.3	<2	<2
BC023MS	300	70	<50	50	<200	300	<200	<5	66	.1	<2	<2
BC024MS	200	70	<50	50	<200	300	<200	8	64	.4	<2	<2
BC025MS	500	70	<50	70	<200	300	<200	5	52	.5	<2	<2
BC026MS	300	70	<50	50	<200	300	<200	8	57	.5	<2	<2
BC100DS	150	70	<50	50	<200	500	<200	<5	54	.3	<2	<2
BC101KS	300	150	<50	30	<200	500	<200	<5	45	.3	<2	<2
BC102DS	500	150	<50	50	<200	1,500	<200	<5	81	.6	<2	<2
BC103KS	300	100	<50	30	<200	300	<200	9	45	.4	<2	<2
BC104DS	300	100	<50	30	<200	300	<200	7	38	.3	<2	<2
BC105DS	500	100	<50	30	<200	700	<200	5	35	.5	<2	<2
BC106KS	700	150	<50	30	<200	1,500	<200	5	32	.5	<2	<2
BC107KS	500	150	<50	50	<200	1,500	<200	6	31	.4	<2	<2
BC108KS	300	70	<50	20	<200	200	<200	15	54	.4	<2	<2
BC109KS	300	150	<50	30	<200	500	<200	13	55	.8	<2	<2
BC110KS	500	100	<50	50	<200	300	<200	<5	43	.4	<2	<2
BC201TS	200	150	<50	30	<200	300	<200	<5	62	.4	<2	<2
BC202TS	200	70	<50	30	<200	300	<200	8	51	.4	<2	<2
BC203TS	200	70	<50	30	<200	300	<200	6	53	.3	<2	<2
BC204TS	500	200	<50	70	<200	1,000	<200	<5	58	.5	<2	<2
BC205TS	200	70	<50	30	<200	300	<200	7	48	.4	<2	<2
BC206TS	300	150	<50	70	<200	1,000	<200	<5	66	.5	<2	<2
BC301DS	300	150	<50	70	<200	1,000	<200	<5	55	.4	<2	<2
BC302HS	300	100	<50	50	<200	1,500	<200	<5	44	.2	<2	<2

Table 5.--Analyses of stream-sediment samples, Battle Creek Wilderness Study Area (ID-16-49E), Owyhee County, Idaho--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
BC303DS	42 16 48	116 31 22	5	.7	1.5	>1.0	700	<.5	<700	<15	<10	1,500	2.0
BC304HS	42 16 47	116 31 26	7	2.0	1.5	>1.0	700	<.5	<700	<15	10	1,000	3.0
BC305DS	42 16 26	116 31 27	7	1.5	1.5	>1.0	1,500	<.5	<700	<15	15	1,500	3.0
BC306HS	42 16 27	116 31 37	3	.7	1.0	.3	700	<.5	<700	<15	15	1,000	1.5
BC307DS	42 15 42	116 31 45	3	.7	1.5	.3	700	<.5	<700	<15	10	1,500	2.0
BC308HS	42 15 46	116 31 46	7	2.0	1.5	1.0	>5,000	<.5	<700	<15	15	1,500	3.0
BC701KS	42 19 48	116 24 59	3	.7	1.0	.7	500	<.5	<700	<15	<10	1,500	1.5
BC702KS	42 18 35	116 29 53	10	1.5	1.5	>1.0	3,000	<.5	<700	<15	<10	1,500	3.0
BC703KS	42 19 8	116 27 50	3	.7	1.0	.7	700	<.5	<700	<15	15	700	2.0

Table 5.--Analyses of stream-sediment samples, Battle Creek Wilderness Study Area (ID-16-49E), Owyhee County, Idaho--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s
BC303DS	<10	<30	10	15	10	100	5	30	7	30	<100	7	<10
BC304HS	<10	<30	15	70	30	150	<5	30	10	30	<100	15	15
BC305DS	<10	<30	15	15	15	150	<5	30	7	30	<100	15	<10
BC306HS	<10	<30	7	15	10	100	<5	30	7	30	<100	7	<10
BC307DS	<10	<30	7	20	7	100	<5	30	10	30	<100	7	<10
BC308HS	<10	<30	7	15	30	150	<5	20	15	30	<100	7	<10
BC701KS	<10	<30	7	20	7	100	<5	30	5	30	<100	7	<10
BC702KS	<10	<30	20	150	15	150	7	30	30	30	<100	15	<10
BC703KS	<10	<30	10	30	15	70	<5	30	7	30	<100	7	<10

Table 5.--Analyses of stream-sediment samples, Battle Creek Wilderness Study Area (ID-16-49E), Owyhee County, Idaho--Continued

Sample	Sr-ppm (s)	V-ppm (s)	W-ppm (s)	Y-ppm (s)	Zn-ppm (s)	Zr-ppm (s)	Th-ppm (s)	As-ppm (icp)	Zn-ppm (icp)	Cd-ppm (icp)	Bi-ppm (icp)	Sb-ppm (icp)
BC303DS	300	150	<50	50	<200	300	<200	7	61	.3	<2	<2
BC304HS	300	150	<50	70	<200	700	<200	<5	56	.5	<2	<2
BC305DS	300	70	<50	70	<200	1,500	<200	<5	77	.5	<2	<2
BC306HS	200	70	<50	30	<200	300	<200	<5	45	.3	<2	<2
BC307DS	200	70	<50	50	<200	300	<200	7	42	.2	<2	<2
BC308HS	300	70	<50	70	<200	1,500	<200	<5	44	.4	<2	<2
BC701KS	300	70	<50	50	<200	300	<200	7	36	.2	<2	<2
BC702KS	300	150	<50	70	<200	1,500	<200	<5	56	.6	<2	<2
BC703KS	200	70	<50	30	<200	300	<200	6	64	.5	<2	<2

Table 6.--Analyses of stream-sediment samples, Deep Creek-Owyhee River Wilderness Study Area (ID-16-49A), Owyhee County, Idaho

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

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
DC001KS	42 13 3	116 33 37	3.0	1.0	2.0	.5	1,000	<.5	<700	<15	10	1,000	1.0
DC002KS	42 20 16	116 36 53	3.0	.7	1.5	.5	700	<.5	<700	<15	10	1,000	2.0
DC003KS	42 20 8	116 36 7	3.0	.7	1.5	.5	700	<.5	<700	<15	15	700	1.5
DC004KS	42 19 27	116 36 0	7.0	.7	1.5	1.0	1,000	<.5	<700	<15	<10	1,500	1.5
DC005KS	42 19 4	116 36 36	3.0	.5	1.5	.3	700	<.5	<700	<15	10	1,000	2.0
DC006KS	42 18 51	116 36 29	3.0	.7	1.5	.3	700	<.5	<700	<15	10	1,000	2.0
DC007KS	42 18 28	116 37 12	3.0	.5	1.5	.3	700	<.5	<700	<15	<10	1,500	2.0
DC008KS	42 18 10	116 37 24	3.0	.5	1.5	.3	700	<.5	<700	<15	<10	1,500	1.5
DC009DS	42 17 39	116 37 8	7.0	.7	1.5	1.0	1,000	<.5	<700	<15	<10	1,500	1.5
DC010KS	42 17 24	116 37 28	3.0	.7	1.5	.3	700	<.5	<700	<15	20	700	1.5
DC011KS	42 16 52	116 38 3	5.0	1.0	1.5	.5	1,500	<.5	<700	<15	10	1,500	1.5
DC012KS	42 16 23	116 37 59	3.0	.7	1.5	.3	1,000	<.5	<700	<15	20	1,000	1.5
DC013KS	42 16 28	116 38 30	3.0	.7	1.5	.3	700	<.5	<700	<15	15	1,000	2.0
DC014KS	42 15 58	116 38 28	3.0	.7	1.5	.5	700	<.5	<700	<15	15	1,000	1.5
DC015TS	42 13 49	116 33 38	2.0	.5	1.0	.2	700	<.5	<700	<15	10	700	1.5
DC016TS	42 13 32	116 33 59	3.0	1.5	2.0	.3	1,500	<.5	<700	<15	<10	700	1.5
DC017TS	42 13 52	116 34 24	3.0	.7	1.5	.3	700	<.5	<700	<15	10	1,000	1.5
DC018TS	42 14 23	116 35 7	2.0	.7	1.5	.3	700	<.5	<700	<15	15	700	2.0
DC019TS	42 14 38	116 35 20	1.5	.7	1.0	.3	500	<.5	<700	<15	15	500	1.5
DC020TS	42 15 5	116 35 38	3.0	1.5	1.5	.3	700	<.5	<700	<15	20	700	2.0
DC021TS	42 15 17	116 36 25	3.0	.5	1.0	.5	700	<.5	<700	<15	<10	1,000	2.0
DC022KS	42 15 14	116 37 27	2.0	.7	1.5	.5	700	<.5	<700	<15	20	700	1.5
DC023TS	42 15 32	116 38 25	3.0	.7	1.0	.5	700	<.5	<700	<15	<10	1,000	1.5
DC024TS	42 16 0	116 39 21	2.0	.7	1.5	.3	700	<.5	<700	<15	10	1,000	1.5
DC025TS	42 16 10	116 39 43	5.0	1.5	3.0	.7	1,000	<.5	<700	<15	<10	1,000	1.5
DC026TS	42 14 56	116 40 35	5.0	.7	1.5	.7	1,000	<.5	<700	<15	<10	1,500	1.5
DC027TS	42 15 23	116 40 0	3.0	.7	1.5	.5	1,000	<.5	<700	<15	10	1,000	1.5
DC028TS	42 15 32	116 41 7	7.0	2.0	2.0	>1.0	1,500	<.5	<700	<15	<10	700	1.5
DC029TS	42 14 47	116 41 39	5.0	1.5	2.0	.5	700	<.5	<700	<15	10	1,000	2.0
DC030KS	42 14 55	116 41 52	3.0	1.5	2.0	.5	700	<.5	<700	<15	15	700	1.5
DC031KS	42 14 53	116 44 7	3.0	3.0	3.0	.5	1,500	<.5	<700	<15	<10	700	1.0
DC032TS	42 14 50	116 44 28	5.0	3.0	3.0	.3	1,000	<.5	<700	<15	<10	500	<1.0
DC033TS	42 15 37	116 45 36	3.0	1.5	1.5	.5	700	<.5	<700	<15	10	700	1.5
DC034KS	42 15 38	116 47 9	3.0	1.5	2.0	.7	700	<.5	<700	<15	<10	1,500	1.5
DC035TS	42 15 42	116 47 15	1.5	.7	1.5	.5	300	<.5	<700	<15	<10	2,000	1.5
DC036KS	42 16 21	116 47 54	3.0	.7	1.5	.3	300	<.5	<700	<15	<10	1,500	1.5
DC037TS	42 16 46	116 47 35	3.0	1.5	1.5	.3	700	<.5	<700	<15	10	1,000	1.5
DC038TS	42 17 24	116 48 32	3.0	.3	1.5	.3	500	<.5	<700	<15	10	1,500	1.5
DC039TS	42 17 3	116 50 16	3.0	.5	1.0	.5	500	<.5	<700	<15	<10	700	1.5
DC040TS	42 16 21	116 50 42	3.0	1.5	1.5	.7	700	<.5	<700	<15	10	1,000	1.5
DC041TS	42 15 50	116 51 34	3.0	1.5	1.5	.5	700	<.5	<700	<15	15	700	1.5
DC042TS	42 15 46	116 51 56	3.0	1.5	1.5	.7	700	<.5	<700	<15	15	1,000	1.5
DC043TS	42 17 39	116 36 50	3.0	.7	1.5	.5	700	<.5	<700	<15	10	1,000	1.5
DC044TS	42 17 49	116 36 40	3.0	.7	1.5	.5	700	<.5	<700	<15	15	1,000	2.0
DC045TS	42 17 55	116 36 4	3.0	.7	1.5	.5	700	<.5	<700	<15	15	1,000	2.0

Table 6.--Analyses of stream-sediment samples, Deep Creek-Owyhee River Wilderness Study Area (ID-16-49A), Owyhee County, Idaho--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s
DC001KS	<10	<50	15	150	30	50	<5	<20	30	15	<100	10	<10
DC002KS	<10	<30	10	30	20	70	<5	20	10	20	<100	10	<10
DC003KS	<10	<30	7	30	20	70	<5	20	10	15	<100	7	<10
DC004KS	<10	<50	15	50	15	100	<5	30	10	20	<100	10	<10
DC005KS	<10	<50	10	50	30	70	<5	<20	15	15	<100	10	<10
DC006KS	<10	<30	10	30	30	70	<5	<20	15	20	<100	10	<10
DC007KS	<10	<30	7	15	10	150	<5	30	7	20	<100	10	<10
DC008KS	<10	<50	7	20	10	70	<5	20	7	20	<100	7	<10
DC009DS	<10	<50	15	30	20	70	<5	20	15	30	<100	10	<10
DC010KS	<10	<30	7	30	30	70	<5	<20	15	15	<100	7	<10
DC011KS	<10	<50	10	30	20	70	<5	20	10	20	<100	10	<10
DC012KS	<10	<30	10	50	30	50	<5	<20	15	20	<100	10	<10
DC013KS	<10	<50	10	50	30	70	<5	<20	15	15	<100	10	<10
DC014KS	<10	<30	10	70	30	70	<5	<20	10	20	<100	7	<10
DC015TS	<10	<50	5	30	30	70	<5	<20	7	20	<100	7	<10
DC016TS	<10	<30	15	100	30	50	<5	<20	30	20	<100	15	10
DC017TS	<10	<50	10	30	30	<30	<5	<20	15	20	<100	7	<10
DC018TS	<10	<30	7	30	30	70	<5	20	15	20	<100	7	<10
DC019TS	<10	<30	7	30	30	50	<5	<20	10	20	<100	7	<10
DC020TS	<10	<30	10	70	30	70	<5	<20	20	15	<100	7	<10
DC021TS	<10	<30	10	20	20	70	<5	20	15	30	<100	7	<10
DC022KS	<10	<30	7	50	30	50	<5	<20	15	15	<100	7	<10
DC023TS	<10	<30	10	30	20	70	<5	20	10	30	<100	10	<10
DC024TS	<10	<30	7	30	30	70	<5	<20	7	20	<100	7	<10
DC025TS	<10	<30	15	150	10	70	<5	20	20	20	<100	20	<10
DC026TS	<10	<50	10	30	20	70	<5	20	10	30	<100	10	<10
DC027TS	<10	<50	15	70	30	50	<5	<20	20	15	<100	10	<10
DC028TS	<10	<30	20	300	20	150	<5	30	30	50	<100	20	<10
DC029TS	<10	<50	15	150	30	70	<5	20	50	15	<100	15	<10
DC030KS	<10	<30	15	150	20	70	<5	20	30	15	<100	10	<10
DC031KS	<10	<30	20	300	30	50	<5	20	50	15	<100	20	<10
DC032TS	<10	<30	20	300	50	<30	<5	<20	70	15	<100	20	<10
DC033TS	<10	<30	20	150	30	50	<5	<20	30	15	<100	15	<10
DC034KS	<10	<30	15	70	10	70	<5	20	20	20	<100	10	<10
DC035TS	<10	<30	7	50	10	70	<5	20	15	30	<100	7	<10
DC036KS	<10	<50	7	70	15	70	<5	20	10	20	<100	7	<10
DC037TS	<10	<50	15	100	20	70	<5	<20	30	20	<100	10	<10
DC038TS	<10	<50	10	70	20	100	<5	<20	15	15	<100	10	<10
DC039TS	<10	<30	7	30	15	150	5	50	10	20	<100	7	<10
DC040TS	<10	<50	15	150	30	150	<5	30	30	30	<100	10	<10
DC041TS	<10	<30	15	100	30	30	<5	<20	30	15	<100	7	<10
DC042TS	<10	<30	15	50	15	70	<5	30	15	30	<100	7	<10
DC043TS	<10	<30	10	30	30	70	<5	20	15	20	<100	15	<10
DC044TS	<10	<30	7	20	15	70	<5	30	10	30	<100	7	<10
DC045TS	<10	<30	10	30	20	70	<5	<20	15	30	<100	7	150

Table 6.--Analyses of stream-sediment samples, Deep Creek-Owyhee River Wilderness Study Area (ID-16-49A), Owyhee County, Idaho--Continued

Sample	Sr-ppm (s)	V-ppm (s)	W-ppm (s)	Y-ppm (s)	Zn-ppm (s)	Zr-ppm (s)	Th-ppm (s)	As-ppm (icp)	Zn-ppm (icp)	Cd-ppm (icp)	Bi-ppm (icp)	Sb-ppm (icp)
DC001KS	300	150	<50	20	<200	200	<200	5	52	.3	<2	<2
DC002KS	300	70	<50	50	<200	300	<200	5	81	.5	<2	<2
DC003KS	200	70	<50	50	<200	300	<200	5	86	.3	<2	<2
DC004KS	300	200	<50	50	<200	300	<200	<5	108	.7	<2	<2
DC005KS	300	70	<50	50	<200	300	<200	8	66	.4	<2	<2
DC006KS	300	70	<50	50	<200	200	<200	8	53	.5	<2	<2
DC007KS	200	150	<50	50	<200	300	<200	<5	60	.5	<2	<2
DC008KS	300	70	<50	30	<200	300	<200	<5	54	.2	<2	<2
DC009DS	300	150	<50	50	<200	300	<200	<5	112	.6	<2	<2
DC010KS	300	70	<50	50	<200	300	<200	<5	73	.5	<2	<2
DC011KS	300	100	<50	50	<200	300	<200	<5	75	.4	<2	<2
DC012KS	300	70	<50	30	<200	200	<200	10	63	.6	<2	<2
DC013KS	300	70	<50	50	<200	300	<200	8	62	.4	<2	<2
DC014KS	300	70	<50	30	<200	200	<200	8	62	.4	<2	<2
DC015TS	300	70	<50	50	<200	150	<200	7	71	.4	<2	<2
DC016TS	300	100	<50	30	<200	200	<200	7	49	.4	<2	<2
DC017TS	500	70	<50	20	<200	200	<200	9	56	.4	<2	<2
DC018TS	300	70	<50	30	<200	300	<200	<5	53	.5	2	<2
DC019TS	300	50	<50	20	<200	150	<200	10	51	.4	<2	<2
DC020TS	300	70	<50	30	<200	300	<200	6	66	.6	<2	<2
DC021TS	200	70	<50	50	<200	200	<200	7	62	.5	<2	<2
DC022KS	300	70	<50	20	<200	300	<200	5	40	.3	<2	<2
DC023TS	300	70	<50	30	<200	300	<200	7	86	.5	<2	<2
DC024TS	300	50	<50	30	<200	200	<200	<5	54	.3	<2	<2
DC025TS	300	150	<50	30	<200	300	<200	6	72	.6	<2	<2
DC026TS	300	100	<50	50	<200	300	<200	<5	104	.5	<2	<2
DC027TS	300	100	<50	30	<200	200	<200	7	60	.5	<2	<2
DC028TS	150	300	<50	50	<200	700	<200	<5	305	2.3	<2	<2
DC029TS	300	150	<50	50	<200	300	<200	6	50	.3	<2	2
DC030KS	300	150	<50	30	<200	300	<200	<5	45	.3	<2	<2
DC031KS	200	150	<50	30	<200	300	<200	8	59	.5	<2	<2
DC032TS	200	150	<50	20	<200	100	<200	12	54	.7	<2	<2
DC033TS	300	100	<50	30	<200	200	<200	5	64	.5	<2	<2
DC034KS	300	70	<50	30	<200	300	<200	5	44	.2	<2	<2
DC035TS	300	70	<50	30	<200	300	<200	<5	33	.2	<2	<2
DC036KS	300	70	<50	30	<200	300	<200	<5	37	.2	<2	<2
DC037TS	200	100	<50	30	<200	300	<200	<5	47	.4	<2	<2
DC038TS	300	70	<50	50	<200	300	<200	5	50	.3	<2	<2
DC039TS	150	70	<50	50	<200	300	<200	6	75	.5	<2	<2
DC040TS	300	100	<50	30	<200	700	<200	<5	54	.4	<2	<2
DC041TS	300	100	<50	30	<200	500	<200	7	59	.4	<2	<2
DC042TS	300	70	<50	30	<200	300	<200	<5	49	.2	<2	<2
DC043TS	300	100	<50	50	<200	300	<200	8	91	.3	<2	<2
DC044TS	300	70	<50	30	<200	300	<200	<5	59	.5	<2	<2
DC045TS	300	70	<50	50	<200	300	<200	7	68	.3	<2	<2

Table 6.--Analyses of stream-sediment samples, Deep Creek-Owyhee River Wilderness Study Area (ID-16-49A), Owyhee County, Idaho--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
DC046TS	42 17 57	116 36 2	3.0	.3	1.0	.3	700	<.5	<700	<15	<10	1,000	1.5
DC047TS	42 18 3	116 35 22	3.0	.5	1.0	.3	700	<.5	<700	<15	10	1,000	1.5
DC048TS	42 22 1	116 32 58	2.0	.5	1.5	.3	500	<.5	<700	<15	10	1,500	2.0
DC049TS	42 22 37	116 35 9	3.0	.7	1.5	.5	700	<.5	<700	<15	15	700	1.5
DC050TS	42 22 44	116 34 8	3.0	1.5	1.5	.5	700	<.5	<700	<15	10	1,000	1.5
DC051TS	42 22 48	116 33 55	3.0	.5	1.5	.5	1,000	<.5	<700	<15	<10	1,500	1.5
DC052TS	42 22 38	116 32 58	3.0	.7	1.5	.5	500	<.5	<700	<15	<10	1,000	2.0
DC053TS	42 22 34	116 32 43	3.0	1.0	1.5	.5	700	<.5	<700	<15	15	1,500	1.5
DC100TS	42 13 14	116 36 38	1.5	.7	1.0	.3	300	<.5	<700	<15	20	700	2.0
DC101TS	42 13 43	116 37 51	7.0	1.0	1.5	>1.0	1,500	<.5	<700	<15	<10	1,000	1.5
DC102TS	42 13 41	116 37 49	7.0	1.5	1.5	1.0	1,000	<.5	<700	<15	10	700	1.5
DC103TS	42 14 14	116 37 50	5.0	1.0	1.5	.5	700	<.5	<700	<15	<10	1,500	1.5
DC104TS	42 14 42	116 37 52	3.0	1.0	1.5	.5	700	<.5	<700	<15	10	1,000	2.0
DC105TS	42 14 8	116 41 50	3.0	1.5	1.5	.5	1,000	<.5	<700	<15	10	700	1.5
DC106MS	42 14 28	116 41 31	3.0	1.5	1.5	.5	1,000	<.5	<700	<15	10	1,000	1.0
DC107TS	42 14 30	116 38 56	3.0	1.5	1.5	.7	700	<.5	<700	<15	<10	700	1.0
DC108TS	42 14 30	116 38 54	3.0	.7	1.5	.5	700	<.5	<700	<15	10	1,000	1.5
DC109TS	42 14 16	116 39 51	3.0	1.5	1.5	.7	1,000	<.5	<700	<15	15	700	1.5
DC111DS	42 14 6	116 32 35	3.0	.7	1.5	.3	700	<.5	<700	<15	10	1,000	1.5
DC112DS	42 15 35	116 52 6	3.0	1.0	1.5	.7	1,000	<.5	<700	<15	10	1,000	2.0
DC113DS	42 15 54	116 49 38	3.0	1.5	2.0	.5	700	<.5	<700	<15	15	700	1.5
DC301DS	42 15 47	116 36 27	3.0	1.0	1.5	.7	1,000	<.5	<700	<15	15	1,000	1.5
DC302DS	42 15 49	116 36 2	5.0	.5	1.5	1.0	700	<.5	<700	<15	<10	1,500	2.0
DC303DS	42 16 44	116 35 33	3.0	.5	1.0	.5	500	<.5	<700	<15	<10	1,000	2.0
DC304DS	42 20 4	116 34 28	3.0	.5	1.0	.3	500	<.5	<700	<15	10	1,000	2.0
DC305DS	42 19 56	116 33 3	3.0	.5	1.5	.5	500	<.5	<700	<15	<10	1,000	1.5
DC306HS	42 24 28	116 33 37	7.0	3.0	3.0	1.0	1,000	<.5	<700	<15	<10	700	1.5
DC307HS	42 24 1	116 34 23	5.0	.5	1.5	1.0	700	<.5	<700	<15	<10	1,500	1.5
DC308HS	42 23 52	116 34 45	3.0	.7	1.5	.5	700	<.5	<700	<15	10	700	1.5
DC309HS	42 23 8	116 36 4	3.0	.3	1.5	.7	1,000	<.5	<700	<15	<10	1,500	2.0
DC310HS	42 21 47	116 36 22	3.0	.7	1.5	.5	500	<.5	<700	<15	<10	1,000	1.5
DC311HS	42 18 49	116 50 24	5.0	.7	1.0	.7	700	<.5	<700	<15	<10	700	1.5
DC312HS	42 18 52	116 50 26	2.0	.5	1.0	.3	700	<.5	<700	<15	10	1,000	1.5
DC313HS	42 19 48	116 50 55	2.0	.3	1.0	.3	700	<.5	<700	<15	10	1,000	1.5
DC314HS	42 19 48	116 51 1	2.0	.3	.7	.3	500	<.5	<700	<15	<10	1,500	1.5
DC701KS	42 19 9	116 35 1	3.0	.7	1.5	.3	700	<.5	<700	<15	15	1,000	1.5
DC702KS	42 19 18	116 34 7	3.0	.7	1.5	.5	700	<.5	<700	<15	15	1,000	1.5
DC703KS	42 19 17	116 34 9	3.0	.5	1.5	.7	700	<.5	<700	<15	<10	1,000	2.0
DC704DS	42 21 17	116 34 54	3.0	1.0	1.5	.5	700	<.5	<700	<15	15	700	1.5
DC705DS	42 20 43	116 35 38	3.0	.5	1.0	.5	700	<.5	<700	<15	<10	1,000	1.5
DC706DS	42 21 27	116 36 35	3.0	1.0	1.5	.5	700	<.5	<700	<15	10	1,000	1.5
DC707DS	42 21 25	116 35 49	3.0	.7	1.5	.7	700	<.5	<700	<15	15	1,000	2.0
DC710KS	42 18 2	116 38 15	5.0	.7	1.5	.5	700	<.5	<700	<15	<10	1,500	1.5
DC711KS	42 18 42	116 37 35	3.0	.7	1.0	.3	700	<.5	<700	<15	<10	1,000	1.5
DC712KS	42 19 22	116 40 52	3.0	.7	1.5	.5	700	<.5	<700	<15	<10	1,500	2.0

Table 6.--Analyses of stream-sediment samples, Deep Creek-Owyhee River Wilderness Study Area (ID-16-49A), Owyhee County, Idaho--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s
DC046TS	<10	<30	10	15	20	70	<5	20	10	20	<100	10	<10
DC047TS	<10	<50	10	70	20	70	<5	<20	10	20	<100	7	<10
DC048TS	<10	<30	7	30	15	70	<5	<20	10	20	<100	7	<10
DC049TS	<10	<30	7	30	30	70	<5	<20	15	20	<100	7	<10
DC050TS	<10	<30	10	30	30	70	<5	20	15	30	<100	7	<10
DC051TS	<10	<50	10	30	20	70	<5	<20	10	20	<100	7	<10
DC052TS	<10	<30	7	30	15	150	<5	30	7	30	<100	7	<10
DC053TS	<10	<30	7	30	20	100	7	30	7	30	<100	7	<10
DC100TS	<10	<30	7	30	30	30	<5	<20	15	20	<100	7	<10
DC101TS	<10	<50	20	70	10	70	<5	30	15	30	<100	15	<10
DC102TS	<10	<30	15	70	15	70	<5	30	7	30	<100	10	<10
DC103TS	<10	<50	10	70	15	70	<5	20	15	30	<100	10	<10
DC104TS	<10	<30	7	30	15	70	<5	30	7	20	<100	7	<10
DC105TS	<10	<30	15	150	50	30	<5	<20	30	15	<100	7	<10
DC106MS	<10	<50	15	150	30	30	<5	<20	30	15	<100	10	<10
DC107TS	<10	<50	15	100	30	50	<5	<20	30	15	<100	10	<10
DC108TS	<10	<30	15	70	20	50	<5	<20	20	15	<100	7	<10
DC109TS	<10	<30	20	200	15	30	<5	<20	50	15	<100	15	<10
DC111DS	<10	<50	7	30	30	70	<5	<20	15	15	<100	7	<10
DC112DS	<10	<50	10	70	20	70	<5	50	15	30	<100	7	<10
DC113DS	<10	<30	15	300	50	70	<5	<20	50	15	<100	10	<10
DC301DS	<10	<30	15	30	15	70	<5	20	15	30	<100	7	<10
DC302DS	<10	<50	10	20	10	100	<5	30	7	30	<100	7	<10
DC303DS	<10	<30	7	15	15	100	<5	30	10	20	<100	7	<10
DC304DS	<10	<30	7	20	15	70	<5	30	30	20	<100	7	<10
DC305DS	<10	<30	7	30	20	70	<5	20	10	20	<100	7	<10
DC306HS	<10	<30	30	300	50	<30	<5	<20	70	20	<100	20	<10
DC307HS	<10	<50	15	50	30	100	<5	20	10	30	<100	10	<10
DC308HS	<10	<30	10	30	15	100	<5	30	7	20	<100	7	<10
DC309HS	<10	<30	15	200	15	100	<5	30	10	30	<100	7	<10
DC310HS	<10	<30	7	30	20	100	<5	20	10	30	<100	7	<10
DC311HS	<10	<30	7	30	30	150	7	70	10	20	<100	7	<10
DC312HS	<10	<30	7	20	20	50	<5	20	15	20	<100	7	<10
DC313HS	<10	<50	7	30	20	70	<5	20	10	20	<100	5	<10
DC314HS	<10	<30	7	70	15	70	<5	20	30	20	<100	7	<10
DC701KS	<10	<30	10	30	50	70	<5	<20	20	15	<100	10	<10
DC702KS	<10	<30	10	20	15	100	<5	30	10	20	<100	7	<10
DC703KS	<10	<30	7	20	15	100	<5	30	10	30	<100	7	<10
DC704DS	<10	<30	10	30	30	70	<5	<20	15	20	<100	7	<10
DC705DS	<10	<50	10	30	20	70	<5	<20	15	20	<100	10	<10
DC706DS	<10	<30	10	30	20	70	<5	<20	15	15	<100	7	<10
DC707DS	<10	<30	15	30	15	150	<5	30	15	20	<100	7	<10
DC710KS	<10	<50	10	15	10	70	<5	20	7	30	<100	10	<10
DC711KS	<10	<30	7	20	15	70	<5	20	5	20	<100	10	<10
DC712KS	<10	<50	10	30	10	70	<5	20	7	30	<100	7	<10

Table 6.--Analyses of stream-sediment samples, Deep Creek-Owyhee River Wilderness Study Area (ID-16-49A), Owyhee County, Idaho--Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	As-ppm icp	Zn-ppm icp	Cd-ppm icp	Bi-ppm icp	Sb-ppm icp
DC046TS	200	70	<50	50	<200	200	<200	7	62	.5	<2	<2
DC047TS	300	70	<50	30	<200	300	<200	8	49	.4	<2	<2
DC048TS	300	70	<50	30	<200	300	<200	6	44	<.1	<2	<2
DC049TS	300	70	<50	30	<200	300	<200	<5	59	.5	<2	<2
DC050TS	300	70	<50	50	<200	300	<200	<5	49	.3	<2	<2
DC051TS	300	70	<50	30	<200	300	<200	5	50	.4	<2	<2
DC052TS	300	70	<50	70	<200	300	<200	<5	48	.2	<2	<2
DC053TS	300	70	<50	50	<200	300	<200	10	58	.3	<2	3
DC100TS	300	70	<50	20	<200	150	<200	7	57	.6	<2	<2
DC101TS	150	300	<50	50	<200	500	<200	<5	249	1.4	<2	<2
DC102TS	150	150	<50	70	<200	700	<200	<5	177	1.1	<2	<2
DC103TS	300	100	<50	50	<200	300	<200	<5	69	.3	<2	<2
DC104TS	300	70	<50	50	<200	300	<200	<5	74	.3	<2	<2
DC105TS	300	70	<50	30	<200	150	<200	9	64	.5	<2	<2
DC106MS	300	150	<50	20	<200	200	<200	<5	51	.5	<2	<2
DC107TS	300	100	<50	30	<200	300	<200	6	60	.3	<2	<2
DC108TS	300	100	<50	30	<200	200	<200	6	46	.4	<2	<2
DC109TS	300	150	<50	30	<200	500	<200	7	58	.4	<2	<2
DC111DS	300	70	<50	30	<200	300	<200	6	126	.6	<2	<2
DC112DS	300	150	<50	30	<200	1,000	<200	8	58	.4	<2	<2
DC113DS	300	150	<50	30	<200	300	<200	<5	58	.5	<2	<2
DC301DS	300	70	<50	30	<200	300	<200	6	58	.4	<2	<2
DC302DS	300	150	<50	50	<200	300	<200	<5	56	.3	<2	<2
DC303DS	200	70	<50	50	<200	300	<200	<5	43	.4	<2	<2
DC304DS	300	70	<50	30	<200	300	<200	6	48	.2	<2	<2
DC305DS	300	100	<50	50	<200	300	<200	9	60	.5	<2	<2
DC306HS	150	200	<50	20	<200	150	<200	17	85	1.2	<2	<2
DC307HS	300	150	<50	50	<200	300	<200	6	124	.6	<2	<2
DC308HS	300	50	<50	50	<200	300	<200	<5	48	.3	<2	<2
DC309HS	300	100	<50	50	<200	300	<200	<5	74	.5	<2	<2
DC310HS	300	70	<50	50	<200	300	<200	5	59	.4	<2	<2
DC311HS	300	100	<50	70	<200	500	<200	11	108	.7	<2	<2
DC312HS	300	70	<50	30	<200	300	<200	7	50	.4	<2	<2
DC313HS	300	70	<50	30	<200	300	<200	<5	52	.3	<2	<2
DC314HS	200	70	<50	50	<200	300	<200	6	52	.3	<2	<2
DC701KS	300	100	<50	30	<200	150	<200	11	65	.7	<2	<2
DC702KS	300	70	<50	50	<200	300	<200	6	38	.2	<2	<2
DC703KS	300	100	<50	50	<200	300	<200	6	71	.7	<2	<2
DC704DS	300	70	<50	70	<200	300	<200	11	69	.5	<2	<2
DC705DS	300	100	<50	50	<200	300	<200	7	74	.4	<2	<2
DC706DS	300	70	<50	30	<200	200	<200	7	66	.4	<2	<2
DC707DS	300	70	<50	50	<200	300	<200	5	67	.5	<2	<2
DC710KS	300	100	<50	50	<200	300	<200	<5	76	.4	<2	<2
DC711KS	200	70	<50	50	<200	300	<200	7	85	.5	<2	<2
DC712KS	300	100	<50	50	<200	500	<200	<5	79	.4	<2	<2

Table 6.--Analyses of stream-sediment samples, Deep Creek-Owyhee River Wilderness Study Area (ID-16-49A), Owyhee County, Idaho--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
DC713KS	42 18 16	116 41 5	3.0	2.0	3.0	.5	700	<.5	<700	<15	<10	1,000	1.5
DC714KS	42 17 23	116 41 0	3.0	1.5	2.0	.3	700	<.5	<700	<15	<10	1,000	1.5
DC715KS	42 16 44	116 39 53	5.0	1.5	3.0	.7	1,500	<.5	<700	<15	<10	1,000	1.5
DC716KS	42 16 45	116 39 50	3.0	.7	1.5	.5	1,000	<.5	<700	<15	<10	1,500	1.5
DC717KS	42 16 58	116 40 5	3.0	.7	1.5	.3	700	<.5	<700	<15	<10	1,500	2.0
DC718KS	42 16 57	116 40 8	3.0	1.5	3.0	.5	700	<.5	<700	<15	<10	1,000	1.5
DC719MS	42 18 17	116 51 9	3.0	.7	1.5	.5	1,000	<.5	<700	<15	15	700	1.5
DC720MS	42 18 14	116 51 12	2.0	.5	.7	.3	500	<.5	<700	<15	<10	1,000	1.5
DC721MS	42 17 49	116 51 10	2.0	.7	1.5	.5	700	<.5	<700	<15	15	1,000	1.5
DC722MS	42 17 2	116 50 47	3.0	.7	1.5	1.0	1,000	<.5	<700	<15	10	1,000	1.5
DC723MS	42 17 32	116 50 33	3.0	.5	1.0	.5	700	<.5	<700	<15	<10	700	1.5
DC724KS	42 18 29	116 52 35	3.0	.5	1.0	.3	500	<.5	<700	<15	10	1,000	1.0
DC725KS	42 19 16	116 51 55	2.0	.5	.7	.3	700	<.5	<700	<15	10	1,000	1.5
DC726KS	42 19 15	116 51 46	1.5	.5	1.0	.3	500	<.5	<700	<15	10	1,000	1.5
DC727KS	42 18 59	116 51 30	2.0	.5	1.0	.3	700	<.5	<700	<15	10	1,500	1.5

Table 6.--Analyses of stream-sediment samples, Deep Creek-Owyhee River Wilderness Study Area (ID-16-49A), Owyhee County, Idaho--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s
DC713KS	<10	<30	15	150	15	70	<5	20	20	30	<100	20	<10
DC714KS	<10	<30	10	150	15	70	<5	<20	20	20	<100	15	<10
DC715KS	<10	<50	15	200	15	70	<5	20	30	30	<100	20	<10
DC716KS	<10	<50	10	20	15	100	<5	20	10	30	<100	10	<10
DC717KS	<10	<30	7	15	10	100	<5	30	5	20	<100	10	<10
DC718KS	<10	<30	15	150	15	70	<5	20	20	20	<100	15	<10
DC719MS	<10	<30	15	30	30	50	<5	<20	15	15	<100	7	<10
DC720MS	<10	<30	5	20	20	70	<5	20	10	20	<100	7	<10
DC721MS	<10	<30	10	30	15	70	<5	30	10	20	<100	7	<10
DC722MS	<10	<30	7	30	20	100	5	70	15	30	<100	7	<10
DC723MS	<10	<30	5	15	15	150	5	50	10	20	<100	7	<10
DC724KS	<10	<50	7	30	30	70	<5	20	10	15	<100	7	<10
DC725KS	<10	<30	7	30	30	70	<5	20	15	20	<100	10	<10
DC726KS	<10	<30	7	20	20	70	<5	<20	15	15	<100	7	<10
DC727KS	<10	<50	7	30	20	70	<5	<20	15	20	<100	7	<10

Table 6.--Analyses of stream-sediment samples, Deep Creek-Owyhee River Wilderness Study Area (ID-16-49A), Owyhee County, Idaho--Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	As-ppm icp	Zn-ppm icp	Cd-ppm icp	Bi-ppm icp	Sb-ppm icp
DC713KS	300	150	<50	50	<200	300	<200	<5	75	.6	<2	<2
DC714KS	300	100	<50	30	<200	200	<200	<5	57	.5	<2	<2
DC715KS	300	200	<50	30	<200	300	<200	<5	98	.5	<2	<2
DC716KS	300	70	<50	50	<200	300	<200	<5	74	.3	<2	<2
DC717KS	200	70	<50	50	<200	300	<200	<5	77	.4	<2	<2
DC718KS	300	100	<50	30	<200	300	<200	6	64	.5	<2	<2
DC719MS	300	70	<50	30	<200	150	<200	7	53	.4	<2	<2
DC720MS	200	50	<50	50	<200	500	<200	9	62	.4	<2	<2
DC721MS	300	70	<50	30	<200	700	<200	6	69	.2	<2	<2
DC722MS	300	70	<50	50	<200	1,500	<200	6	115	.4	<2	<2
DC723MS	150	70	<50	50	<200	500	<200	6	78	.5	<2	<2
DC724KS	300	70	<50	50	<200	700	<200	8	59	.3	<2	<2
DC725KS	300	70	<50	50	<200	300	<200	10	67	.6	<2	<2
DC726KS	200	70	<50	30	<200	200	<200	7	56	.4	<2	<2
DC727KS	300	70	<50	30	<200	300	<200	6	55	.3	<2	<2

Table 7.--Analyses of stream-sediment samples, Little Owyhee River Wilderness Study Area (ID-16-48C), Owyhee County, Idaho

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

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
L0001AS	42 4 5	116 54 28	5	1.5	2.0	.5	1,500	<.5	<700	<15	20	1,000	1.5
L0001GS	42 2 58	116 55 30	5	1.5	1.5	.3	1,000	<.5	<700	<15	50	1,000	2.0
L0001LS	42 3 57	116 54 23	7	2.0	3.0	1.0	1,500	<.5	<700	<15	10	1,000	1.0
L0001PS	42 3 19	116 54 25	10	1.0	3.0	>1.0	2,000	<.5	<700	<15	10	1,500	1.5
L0002AS	42 3 17	116 54 21	7	1.0	2.0	>1.0	1,500	<.5	<700	<15	20	1,500	1.5
L0002GS	42 3 29	116 55 43	3	1.5	2.0	.3	700	<.5	<700	<15	30	1,000	1.5
L0002LS	42 4 2	116 53 29	7	1.5	3.0	1.0	1,500	<.5	<700	<15	10	1,500	1.5
L0002PS	42 6 43	116 57 53	7	1.5	2.0	.7	1,500	<.5	<700	<15	20	1,000	1.5
L0003AS	42 4 57	116 57 24	7	2.0	2.0	.7	1,500	<.5	<700	<15	20	1,000	1.5
L0003GS	42 4 57	116 57 24	7	1.5	2.0	.5	1,500	<.5	<700	<15	20	1,000	1.5
L0003LS	42 3 5	116 55 15	10	1.5	3.0	>1.0	1,500	<.5	<700	<15	10	1,500	1.0
L0003PS	42 12 5	116 55 32	7	1.5	3.0	1.0	1,500	<.5	<700	<15	10	1,000	1.0
L0004AS	42 9 22	116 58 0	5	1.5	2.0	.5	2,000	<.5	<700	<15	20	1,000	1.5
L0004GS	42 5 33	116 56 10	5	1.5	2.0	.5	1,500	<.5	<700	<15	20	1,000	1.5
L0004LS	42 8 23	116 53 29	5	1.5	2.0	.7	1,500	<.5	<700	<15	20	1,000	1.5
L0004PS	42 11 30	116 54 59	3	2.0	3.0	.3	1,000	<.5	<700	<15	50	1,000	1.0
L0005AS	42 11 59	116 57 15	5	1.0	2.0	.5	1,500	<.5	<700	<15	20	1,500	1.5
L0005GS	42 5 20	116 55 30	7	3.0	3.0	1.0	2,000	<.5	<700	<15	10	1,000	1.0
L0005LS	42 9 33	116 52 55	5	1.0	3.0	.5	1,000	<.5	<700	<15	20	1,500	1.5
L0005PS	42 11 12	116 55 53	5	2.0	3.0	.5	1,500	<.5	<700	<15	20	1,000	1.5
L0006GS	42 5 48	116 54 54	5	1.5	1.5	.5	1,500	<.5	<700	<15	20	1,000	1.5
L0006PS	42 10 58	116 56 0	3	1.5	3.0	.5	1,000	<.5	<700	<15	30	1,500	1.5
L0007AS	42 11 30	116 54 15	10	7.0	5.0	1.0	2,000	<.5	<700	<15	<10	700	1.0
L0007GS	42 6 26	116 54 35	5	1.5	2.0	.7	1,500	<.5	<700	<15	20	1,000	1.5
L0007PS	42 11 1	116 55 38	3	1.5	2.0	.5	1,000	<.5	<700	<15	20	1,000	1.5
L0008AS	42 11 5	116 53 47	5	2.0	2.0	.3	1,000	<.5	<700	<15	20	1,000	1.5
L0008GS	42 5 8	116 55 5	5	3.0	3.0	.7	2,000	<.5	<700	<15	10	700	1.0
L0008PS	42 11 8	116 55 10	3	1.5	3.0	.3	1,000	<.5	<700	<15	15	1,000	1.0
L0009AS	42 10 42	116 53 37	5	1.5	3.0	.3	1,000	<.5	<700	<15	10	1,000	1.5
L0009GS	42 6 43	116 57 46	5	1.5	2.0	.7	1,500	<.5	<700	<15	20	1,000	1.5
L0009PS	42 10 57	116 57 1	3	1.0	2.0	.5	1,500	<.5	<700	<15	20	1,000	1.0
L0010AS	42 10 16	116 53 14	5	3.0	3.0	.5	1,500	<.5	<700	<15	10	1,000	1.0
L0010GS	42 3 7	116 54 43	5	1.0	2.0	.7	1,500	<.5	<700	<15	10	1,500	1.5
L0010PS	42 10 13	116 57 22	3	1.5	2.0	.5	3,000	<.5	<700	<15	20	1,500	1.5
L0011GS	42 2 39	116 54 56	7	.7	1.5	1.0	1,500	<.5	<700	<15	15	1,500	1.5
L0012GS	42 5 33	116 54 15	5	1.5	1.5	.5	1,500	<.5	<700	<15	20	1,000	1.5
L0013GS	42 6 27	116 53 52	7	2.0	3.0	.7	1,500	<.5	<700	<15	20	1,500	1.5
L0014GS	42 8 19	116 53 26	5	1.5	2.0	.5	1,000	<.5	<700	<15	20	1,500	2.0
L0015GS	42 9 13	116 53 14	3	1.0	2.0	.5	1,000	<.5	<700	<15	15	1,500	1.5

Table 7.--Analyses of stream-sediment samples, Little Owyhee River Wilderness Study Area (ID-16-48C), Owyhee County, Idaho--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s
L0001AS	<10	<30	15	100	70	70	<5	<20	30	15	<100	15	<10
L0001GS	<10	<30	15	70	50	50	<5	<20	20	20	<100	15	<10
L0001LS	<10	<30	20	200	70	50	<5	<20	50	15	<100	20	<10
L0001PS	<10	<30	20	100	150	70	<5	20	15	20	<100	20	<10
L0002AS	<10	<30	15	70	70	50	<5	20	20	20	<100	15	<10
L0002GS	<10	<30	7	50	30	50	<5	<20	15	20	<100	10	<10
L0002LS	<10	<30	15	100	30	70	<5	<20	10	20	<100	20	<10
L0002PS	<10	<30	15	70	70	50	<5	<20	30	15	<100	15	<10
L0003AS	<10	<30	15	200	70	50	<5	<20	50	15	<100	15	<10
L0003GS	<10	<30	20	200	70	50	<5	<20	50	15	<100	20	<10
L0003LS	<10	<30	20	70	30	70	<5	20	10	20	<100	20	<10
L0003PS	<10	<30	30	300	70	50	<5	<20	70	15	<100	20	<10
L0004AS	<10	<30	20	200	70	50	<5	<20	50	20	<100	15	<10
L0004GS	<10	<30	15	100	70	50	<5	<20	30	20	<100	15	<10
L0004LS	<10	<30	20	150	70	70	<5	<20	50	30	<100	15	<10
L0004PS	<10	<30	15	150	70	50	<5	<20	30	15	<100	15	<10
L0005AS	<10	<30	20	300	70	50	<5	<20	30	20	<100	15	<10
L0005GS	<10	<30	50	200	70	50	<5	<20	100	20	<100	20	<10
L0005LS	<10	<30	15	70	30	70	<5	<20	20	20	<100	15	<10
L0005PS	<10	<30	15	150	50	50	<5	<20	30	20	<100	20	<10
L0006GS	<10	<30	15	100	70	50	<5	<20	50	15	<100	15	<10
L0006PS	<10	<30	15	150	50	70	<5	<20	30	20	<100	15	<10
L0007AS	<10	<30	50	150	70	30	<5	<20	150	15	<100	70	<10
L0007GS	<10	<30	15	100	70	50	<5	<20	30	20	<100	15	<10
L0007PS	<10	<30	15	100	30	70	<5	<20	30	15	<100	15	<10
L0008AS	<10	<30	20	100	50	50	<5	<20	50	15	<100	15	<10
L0008GS	<10	<30	20	200	70	50	<5	<20	70	15	<100	20	<10
L0008PS	<10	<30	15	200	50	50	<5	<20	50	15	<100	15	<10
L0009AS	<10	<30	20	50	50	70	<5	<20	50	20	<100	15	<10
L0009GS	<10	<30	15	100	70	50	<5	<20	30	15	<100	15	<10
L0009PS	<10	<30	15	100	50	50	<5	<20	30	15	<100	15	<10
L0010AS	<10	<30	20	150	50	50	<5	<20	50	20	<100	30	<10
L0010GS	<10	<30	15	70	30	50	<5	<20	20	20	<100	10	<10
L0010PS	<10	<30	50	100	70	50	<5	<20	70	20	<100	20	<10
L0011GS	<10	<30	15	70	50	70	<5	20	20	20	<100	15	<10
L0012GS	<10	<30	15	70	70	50	<5	<20	30	15	<100	15	<10
L0013GS	<10	<30	20	150	70	50	<5	<20	50	20	<100	20	<10
L0014GS	<10	<30	10	70	50	70	<5	<20	15	20	<100	10	<10
L0015GS	<10	<30	10	50	50	70	<5	<20	20	20	<100	10	<10

Table 7.--Analyses of stream-sediment samples, Little Owyhee River Wilderness Study Area (ID-16-48C), Owyhee County, Idaho--Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	As-ppm icp	Zn-ppm icp	Cd-ppm icp	Bi-ppm icp	Sb-ppm icp
L0001AS	2,000	150	<50	20	<200	300	<200	<5	58	.4	<2	<2
L0001GS	300	150	<50	20	<200	300	<200	<5	66	.4	<2	<2
L0001LS	500	300	<50	20	<200	1,000	<200	<5	89	.9	<2	<2
L0001PS	700	300	<50	30	<200	1,000	<200	<5	102	.6	<2	<2
L0002AS	2,000	200	<50	30	<200	1,500	<200	<5	120	1.7	<2	<2
L0002GS	300	100	<50	20	<200	200	<200	<5	65	.3	<2	<2
L0002LS	700	300	<50	30	<200	1,000	<200	<5	59	.4	<2	<2
L0002PS	500	150	<50	20	<200	300	<200	<5	61	.4	<2	<2
L0003AS	700	150	<50	20	<200	300	<200	<5	60	.4	<2	<2
L0003GS	500	150	<50	20	<200	300	<200	<5	68	.5	<2	<2
L0003LS	700	300	<50	30	<200	700	<200	<5	83	.6	<2	<2
L0003PS	500	200	<50	30	<200	300	<200	<5	58	<.1	<2	<2
L0004AS	500	200	<50	20	<200	300	<200	<5	68	.6	<2	<2
L0004GS	500	150	<50	20	<200	300	<200	<5	65	.4	<2	<2
L0004LS	500	150	<50	30	<200	500	<200	5	67	.6	<2	<2
L0004PS	700	150	<50	20	<200	200	<200	<5	48	.4	<2	<2
L0005AS	700	150	<50	30	<200	300	<200	<5	56	.5	<2	<2
L0005GS	300	200	<50	20	<200	200	<200	5	80	1.0	<2	<2
L0005LS	700	150	<50	30	<200	300	<200	<5	47	.3	<2	<2
L0005PS	300	150	<50	20	<200	200	<200	9	56	.5	<2	<2
L0006GS	500	150	<50	20	<200	200	<200	<5	82	.7	<2	<2
L0006PS	500	150	<50	20	<200	300	<200	<5	52	.5	<2	<2
L0007AS	300	500	<50	20	<200	200	<200	<5	57	.5	<2	<2
L0007GS	500	150	<50	20	<200	300	<200	<5	70	.7	<2	<2
L0007PS	300	100	<50	20	<200	300	<200	<5	52	.5	<2	<2
L0008AS	300	200	<50	20	<200	200	<200	<5	47	.4	<2	<2
L0008GS	300	150	<50	15	<200	300	<200	<5	61	.6	<2	<2
L0008PS	300	150	<50	20	<200	150	<200	<5	56	.5	<2	<2
L0009AS	300	150	<50	20	<200	150	<200	<5	45	.4	<2	<2
L0009GS	500	150	<50	20	<200	300	<200	<5	57	.4	<2	<2
L0009PS	300	100	<50	20	<200	200	<200	<5	52	.5	<2	<2
L0010AS	300	200	<50	20	<200	300	<200	<5	59	.6	<2	<2
L0010GS	500	150	<50	20	<200	500	<200	<5	51	.4	<2	<2
L0010PS	300	150	<50	20	<200	200	<200	<5	73	.7	<2	<2
L0011GS	500	150	<50	30	<200	1,000	<200	<5	66	.6	<2	<2
L0012GS	300	150	<50	20	<200	200	<200	<5	67	.5	<2	<2
L0013GS	500	150	<50	30	<200	300	<200	<5	72	.5	<2	<2
L0014GS	500	150	<50	20	<200	500	<200	<5	46	.3	<2	<2
L0015GS	500	100	<50	20	<200	500	<200	<5	51	.4	<2	<2

Table 8.--Analyses of stream-sediment samples, Juniper Creek Wilderness Study Area (ID-16-52), Owyhee County, Idaho

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

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
JC001MS	42 6 29	116 25 34	3	1.0	1.5	.5	700	<.5	<700	<15	20	1,000
JC002MS	42 6 6	116 24 0	3	1.5	1.5	.3	700	<.5	<700	<15	15	1,000
JC003MS	42 7 19	116 24 15	5	1.5	1.5	.7	700	<.5	<700	<15	20	700
JC004TS	42 7 33	116 23 58	5	2.0	2.0	.7	700	<.5	<700	<15	20	1,000
JC005MS	42 8 18	116 25 33	3	1.5	1.5	.7	700	<.5	<700	<15	20	1,000
JC006TS	42 7 44	116 27 8	3	1.0	1.5	.3	700	<.5	<700	<15	20	1,500
JC007TS	42 7 43	116 27 4	3	1.0	1.5	.3	700	<.5	<700	<15	30	1,500
JC008KS	42 8 48	116 23 42	3	1.5	1.5	.7	1,500	<.5	<700	<15	20	1,000
JC009TS	42 8 54	116 24 19	3	1.5	1.5	.5	700	<.5	<700	<15	30	1,000
JC010MS	42 8 59	116 24 34	3	1.5	1.5	.7	700	<.5	<700	<15	20	700
JC011TS	42 9 12	116 24 42	3	1.5	1.5	.5	700	<.5	<700	<15	30	1,000
JC012TS	42 9 25	116 26 35	3	1.5	1.5	.7	1,500	<.5	<700	<15	15	1,500
JC013DS	42 9 17	116 27 28	3	1.5	1.5	.3	500	<.5	<700	<15	20	1,000
JC014DS	42 9 34	116 28 25	3	1.5	1.5	.7	700	<.5	<700	<15	30	1,000
JC015MS	42 8 36	116 27 12	3	1.5	1.5	.7	1,500	<.5	<700	<15	15	1,500
JC016MS	42 8 32	116 26 58	3	1.5	1.5	.7	1,000	<.5	<700	<15	20	1,500
JC017MS	42 8 26	116 27 6	3	1.0	1.5	.3	700	<.5	<700	<15	30	1,500
JC018TS	42 7 13	116 27 12	3	1.5	1.5	.3	1,000	<.5	<700	<15	15	1,000
JC019TS	42 6 50	116 26 58	3	1.5	1.5	.7	1,000	<.5	<700	<15	30	1,500

Table 8.--Analyses of stream-sediment samples, Juniper Creek Wilderness Study Area (ID-16-52), Owyhee County, Idaho--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
JC001MS	1.5	<10	<30	15	70	30	70	<5	20	30	30
JC002MS	1.5	<10	<30	15	70	30	150	<5	<20	30	20
JC003MS	1.5	<10	<30	20	100	50	70	<5	<20	70	15
JC004TS	1.5	<10	<30	15	150	50	70	<5	20	50	15
JC005MS	1.5	<10	<30	15	70	50	70	<5	20	30	15
JC006TS	2.0	<10	<30	15	30	20	70	<5	20	15	30
JC007TS	2.0	<10	<30	15	70	20	70	<5	<20	20	30
JC008KS	2.0	<10	<30	20	150	30	70	<5	20	30	30
JC009TS	1.5	<10	<30	15	70	70	70	<5	20	30	20
JC010MS	1.5	<10	<30	20	70	30	150	<5	20	30	30
JC011TS	2.0	<10	<30	15	150	30	70	<5	20	30	30
JC012TS	1.5	<10	<30	30	150	20	70	<5	30	30	50
JC013DS	2.0	<10	<30	7	30	30	70	<5	20	15	30
JC014DS	1.5	<10	<30	15	100	50	70	<5	20	30	30
JC015MS	3.0	<10	<30	15	20	15	150	<5	30	15	30
JC016MS	2.0	<10	<30	15	50	150	150	<5	30	30	30
JC017MS	2.0	<10	<30	15	30	30	150	<5	<20	15	20
JC018TS	1.5	<10	<30	15	50	30	70	<5	20	15	30
JC019TS	1.5	<10	<30	15	100	30	70	<5	20	30	30

Table 8.--Analyses of stream-sediment samples, Juniper Creek Wilderness Study Area (ID-16-52), Owyhee County, Idaho--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
JC001MS	<100	10	<10	300	70	<50	30	<200	300	<200
JC002MS	<100	15	<10	300	150	<50	30	<200	300	<200
JC003MS	<100	15	<10	200	150	<50	30	<200	150	<200
JC004TS	<100	15	<10	500	150	<50	30	<200	300	<200
JC005MS	<100	15	<10	300	150	<50	30	<200	300	<200
JC006TS	<100	15	<10	300	70	<50	70	<200	300	<200
JC007TS	<100	10	<10	500	70	<50	30	<200	300	<200
JC008KS	<100	15	<10	300	150	<50	30	<200	700	<200
JC009TS	<100	15	<10	300	150	<50	30	<200	300	<200
JC010MS	<100	15	<10	300	150	<50	70	<200	300	<200
JC011TS	<100	15	<10	300	100	<50	50	<200	300	<200
JC012TS	<100	15	<10	700	150	<50	30	<200	300	<200
JC013DS	<100	10	<10	300	70	<50	30	<200	300	<200
JC014DS	<100	15	<10	300	150	<50	30	<200	300	<200
JC015MS	<100	15	<10	200	70	<50	70	<200	700	<200
JC016MS	<100	15	<10	500	150	<50	50	<200	300	<200
JC017MS	<100	15	<10	300	70	<50	50	<200	300	<200
JC018TS	<100	10	<10	300	100	<50	30	<200	300	<200
JC019TS	<100	15	<10	500	150	<50	50	<200	1,500	<200

Table 9.--Analyses of stream-sediment samples, Owyhee River Canyon Wilderness Study Area (ID-16-488), Owyhee County, Idaho

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

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
LO006AS	42 11 34	116 54 10	3	3.0	3.0	.5	1,500	<.5	<700	<15	<10	200	<1.0
OC003S	42 10 49	116 52 15	3	1.5	1.5	.7	1,000	<.5	<700	<15	30	1,500	3.0
OC004S	42 10 57	116 52 41	3	1.5	1.5	.5	700	<.5	<700	<15	20	1,500	1.5
OC005S	42 11 15	116 53 6	3	2.0	2.0	.5	700	<.5	<700	<15	15	1,500	1.5
OC006S	42 11 52	116 53 15	7	3.0	3.0	.7	1,500	<.5	<700	<15	20	700	1.0
OC007S	42 12 47	116 53 46	3	3.0	3.0	.7	1,500	<.5	<700	<15	30	1,000	1.0
OC008S	42 13 14	116 53 52	2	1.5	1.5	.5	700	<.5	<700	<15	20	1,500	1.0
OC009S	42 13 34	116 53 19	3	3.0	1.5	.7	1,500	<.5	<700	<15	30	1,000	1.5
OC010S	42 13 56	116 54 6	3	1.5	1.5	.5	1,000	<.5	<700	<15	20	1,000	1.5
OC011S	42 14 37	116 54 21	3	1.5	1.5	.7	1,500	<.5	<700	<15	30	1,000	1.5
OC012S	42 15 44	116 54 10	3	1.5	1.5	.7	1,000	<.5	<700	<15	15	1,000	1.5
OC013S	42 15 40	116 54 8	2	1.5	2.0	.5	1,500	<.5	<700	<15	20	1,000	1.5
OC014S	42 15 52	116 53 12	3	1.5	1.5	.5	700	<.5	<700	<15	15	1,500	1.5
OC015S	42 16 29	116 54 28	3	2.0	1.5	.5	700	<.5	<700	<15	15	1,000	1.5
OC016S	42 16 44	116 54 20	3	1.0	1.5	.3	700	<.5	<700	<15	15	1,500	1.5
OC017S	42 17 18	116 55 40	3	1.5	1.5	1.0	700	<.5	<700	<15	30	1,000	2.0
OC018S	42 17 11	116 56 36	3	1.5	1.5	.5	700	<.5	<700	<15	20	1,000	1.5
OC019S	42 17 31	116 57 18	3	1.0	1.5	.3	700	<.5	<700	<15	15	1,000	1.5
OC020S	42 18 12	116 58 37	3	1.5	1.5	.5	1,000	<.5	<700	<15	15	1,000	1.5
OC021S	42 18 18	116 58 49	3	.7	1.0	.5	700	<.5	<700	<15	20	1,000	1.5
OC022S	42 18 21	116 59 32	3	1.5	1.5	.7	1,000	<.5	<700	<15	20	1,000	1.5
OC023S	42 19 21	117 1 8	3	1.0	1.5	.3	700	<.5	<700	<15	15	1,000	1.5
OC253S	42 20 52	116 59 43	3	.5	1.5	.3	700	<.5	<700	<15	15	1,500	1.5
OC254S	42 20 40	116 59 22	5	.7	1.5	1.0	1,000	<.5	<700	<15	10	1,500	1.5
OC255S	42 20 16	116 59 10	3	.7	1.5	.3	1,500	<.5	<700	<15	20	1,000	2.0
OC256S	42 20 5	116 58 48	3	.5	1.5	.3	700	<.5	<700	<15	10	1,000	2.0
OC257S	42 19 15	116 58 42	3	.7	1.5	.5	700	<.5	<700	<15	10	2,000	1.5
OC258S	42 19 13	116 58 26	3	.7	1.5	.3	700	<.5	<700	<15	10	2,000	2.0
OC259S	42 19 8	116 58 24	3	.7	1.5	.3	700	<.5	<700	<15	10	1,500	1.5
OC260S	42 19 24	116 57 7	3	.7	1.5	.5	700	<.5	<700	<15	10	1,500	1.5
OC261S	42 18 47	116 56 31	3	.7	1.5	.5	700	<.5	<700	<15	10	1,500	1.5
OC262S	42 18 48	116 56 22	3	.7	1.5	.5	1,500	<.5	<700	<15	10	2,000	2.0
OC263S	42 18 28	116 56 18	5	.7	1.5	.7	1,500	<.5	<700	<15	10	2,000	2.0
OC264S	42 18 18	116 54 40	3	.7	1.5	.7	700	<.5	<700	<15	<10	1,500	1.5
OC265S	42 18 17	116 54 36	3	.7	1.5	1.0	700	<.5	<700	<15	<10	2,000	1.5
OC266S	42 17 46	116 54 35	3	.7	1.5	.5	1,500	<.5	<700	<15	10	1,500	1.5
OC267S	42 17 17	116 53 15	3	.7	1.5	1.0	1,000	<.5	<700	<15	10	1,500	1.5
OC268S	42 16 13	116 53 14	3	.5	1.5	.3	700	<.5	<700	<15	10	1,500	1.5
OC269S	42 16 12	116 53 7	3	.3	1.5	.5	700	<.5	<700	<15	<10	2,000	1.5
OC270S	42 17 5	116 52 11	3	.7	1.5	.7	700	<.5	<700	<15	10	1,500	1.5
OC271S	42 15 47	116 51 58	3	.7	1.5	.7	700	<.5	<700	<15	10	2,000	1.5
OC501S	42 11 14	116 51 50	3	1.5	1.5	.7	700	<.5	<700	<15	20	1,000	1.5
OC502S	42 11 16	116 51 55	3	1.5	1.5	.5	700	<.5	<700	<15	20	1,000	1.5
OC503S	42 10 52	116 52 11	3	1.5	1.5	.3	700	<.5	<700	<15	30	1,000	1.5
OC504S	42 10 47	116 52 10	3	1.5	1.5	.7	700	<.5	<700	<15	20	1,000	1.5

Table 9.--Analyses of stream-sediment samples, Owyhee River Canyon Wilderness Study Area (ID-16-488), Owyhee County, Idaho--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s
LO006AS	<10	<30	20	70	30	<30	<5	<20	70	10	<100	30	<10
OC003S	<10	<30	15	70	30	70	<5	30	30	30	<100	10	<10
OC004S	<10	<30	10	30	30	70	<5	20	20	30	<100	7	<10
OC005S	<10	<30	15	70	15	70	<5	<20	30	20	<100	15	<10
OC006S	<10	<30	30	100	50	70	<5	<20	100	10	<100	30	<10
OC007S	<10	<30	30	100	70	<30	<5	<20	70	15	<100	20	<10
OC008S	<10	<30	15	100	30	70	<5	<20	30	20	<100	7	<10
OC009S	<10	<30	15	70	50	70	<5	20	30	20	<100	15	<10
OC010S	<10	<30	15	70	70	50	<5	<20	30	20	<100	15	<10
OC011S	<10	<30	15	150	50	30	<5	<20	30	20	<100	10	<10
OC012S	<10	<30	15	100	30	100	<5	20	30	20	<100	10	<10
OC013S	<10	<30	15	100	50	70	<5	<20	30	15	<100	15	15
OC014S	<10	<30	7	150	20	30	<5	20	15	20	<100	7	<10
OC015S	<10	<30	15	150	30	30	<5	<20	30	20	<100	7	20
OC016S	<10	<30	7	50	20	70	<5	20	15	30	<100	7	<10
OC017S	<10	<30	7	30	30	150	5	70	15	20	<100	15	<10
OC018S	<10	<30	10	70	50	70	<5	<20	30	15	<100	15	<10
OC019S	<10	<30	7	20	20	70	<5	30	15	30	<100	7	<10
OC020S	<10	<30	15	70	30	70	<5	20	30	20	<100	15	<10
OC021S	<10	<30	7	30	20	70	<5	30	20	20	<100	7	<10
OC022S	<10	<30	15	300	50	50	<5	20	50	20	<100	15	20
OC023S	<10	<30	7	50	30	70	<5	30	15	20	<100	7	<10
OC253S	<10	<30	10	50	20	100	<5	20	10	20	<100	7	<10
OC254S	<10	<30	10	70	30	100	5	70	15	20	<100	15	10
OC255S	<10	<30	15	50	50	70	<5	<20	20	20	<100	15	<10
OC256S	<10	<30	7	30	30	100	<5	<20	15	20	<100	10	<10
OC257S	<10	<30	7	30	20	100	<5	50	10	20	<100	7	10
OC258S	<10	<30	7	30	30	100	<5	30	10	20	<100	10	<10
OC259S	<10	<30	7	50	30	70	<5	30	10	20	<100	7	<10
OC260S	<10	<30	7	50	20	100	<5	30	10	30	<100	7	<10
OC261S	<10	<30	7	30	30	70	<5	30	10	20	<100	7	<10
OC262S	<10	<30	7	30	20	70	<5	30	10	30	<100	7	<10
OC263S	<10	<30	10	30	50	100	<5	50	10	30	<100	10	<10
OC264S	<10	<30	7	50	20	70	<5	50	10	20	<100	7	<10
OC265S	<10	<30	7	20	15	70	<5	70	7	30	<100	7	<10
OC266S	<10	<30	10	70	30	70	<5	<20	20	20	<100	10	<10
OC267S	<10	<30	7	30	20	70	<5	70	10	30	<100	7	10
OC268S	<10	<30	7	70	30	100	<5	20	15	15	<100	10	<10
OC269S	<10	<30	7	30	15	70	<5	20	10	20	<100	7	<10
OC270S	<10	<30	7	50	20	50	<5	30	10	20	<100	7	<10
OC271S	<10	<30	7	50	20	70	<5	30	10	20	<100	10	<10
OC501S	<10	<30	15	100	30	70	<5	20	15	20	<100	15	<10
OC502S	<10	<30	15	150	30	70	<5	20	15	20	<100	15	<10
OC503S	<10	<30	15	50	30	50	<5	20	15	20	<100	10	<10
OC504S	<10	<30	15	70	30	70	<5	20	15	20	<100	10	<10

Table 9.--Analyses of stream-sediment samples, Owyhee River Canyon Wilderness Study Area (ID-16-488), Owyhee County, Idaho--Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	As-ppm icp	Zn-ppm icp	Cd-ppm icp	Bi-ppm icp	Sb-ppm icp
LO006AS	150	300	<50	20	<200	70	<200	<5	56	.7	<2	<2
OC003S	500	150	<50	50	<200	1,000	<200	5	54	.4	<2	<2
OC004S	700	100	<50	30	<200	700	<200	<5	47	.3	<2	<2
OC005S	500	150	<50	30	<200	300	<200	<5	43	.3	<2	<2
OC006S	500	200	<50	30	<200	300	<200	<5	47	.4	<2	<2
OC007S	500	150	<50	30	<200	300	<200	<5	52	.5	<2	<2
OC008S	500	150	<50	30	<200	300	<200	<5	52	.4	<2	<2
OC009S	300	100	<50	50	<200	1,500	<200	<5	67	.6	<2	<2
OC010S	300	150	<50	30	<200	300	<200	<5	67	.5	2	<2
OC011S	300	150	<50	30	<200	300	<200	<5	56	.4	<2	<2
OC012S	300	100	<50	30	<200	300	<200	<5	57	.5	<2	<2
OC013S	300	70	<50	30	<200	300	<200	<5	54	.4	<2	<2
OC014S	700	150	<50	30	<200	500	<200	<5	49	.3	<2	<2
OC015S	300	70	<50	30	<200	500	<200	<5	59	.5	<2	<2
OC016S	300	70	<50	70	<200	500	<200	<5	60	.3	<2	<2
OC017S	300	100	<50	70	<200	3,000	<200	5	69	.4	<2	<2
OC018S	300	70	<50	70	<200	500	<200	5	63	.5	<2	<2
OC019S	300	70	<50	70	<200	1,000	<200	<5	55	.8	<2	<2
OC020S	300	100	<50	50	<200	500	<200	<5	46	.8	<2	<2
OC021S	300	70	<50	70	<200	1,500	<200	<5	63	.3	<2	<2
OC022S	300	150	<50	30	<200	300	<200	<5	64	.3	<2	<2
OC023S	300	70	<50	50	<200	700	<200	<5	53	.3	<2	<2
OC253S	500	100	<50	50	<200	300	<200	<5	34	.1	<2	<2
OC254S	500	150	<50	70	<200	1,500	<200	<5	73	.4	<2	<2
OC255S	300	100	<50	50	<200	300	<200	<5	62	.3	<2	<2
OC256S	300	70	<50	70	<200	300	<200	<5	70	.3	<2	<2
OC257S	300	70	<50	50	<200	1,500	<200	<5	56	.3	<2	<2
OC258S	500	100	<50	70	<200	1,500	<200	<5	58	.4	<2	<2
OC259S	500	100	<50	50	<200	500	<200	<5	54	.3	<2	<2
OC260S	300	70	<50	50	<200	1,000	<200	<5	56	.3	<2	<2
OC261S	300	70	<50	50	<200	1,000	<200	<5	78	.3	<2	<2
OC262S	300	70	<50	70	<200	1,500	<200	<5	56	.3	<2	<2
OC263S	300	100	<50	70	<200	2,000	<200	<5	65	.6	<2	<2
OC264S	300	70	<50	50	<200	1,500	<200	<5	53	.2	<2	<2
OC265S	200	70	<50	50	<200	1,500	<200	<5	92	.4	<2	<2
OC266S	500	150	<50	50	<200	700	<200	5	56	.4	<2	<2
OC267S	300	100	<50	50	<200	1,500	<200	5	67	.3	<2	<2
OC268S	500	100	<50	70	<200	1,000	<200	<5	61	.3	<2	<2
OC269S	300	70	<50	70	<200	300	<200	<5	50	.2	<2	<2
OC270S	300	70	<50	30	<200	1,000	<200	<5	49	.2	<2	<2
OC271S	500	100	<50	50	<200	1,000	<200	<5	57	.2	<2	<2
OC501S	300	70	<50	30	<200	1,000	<200	<5	71	.4	<2	<2
OC502S	300	150	<50	30	<200	300	<200	<5	64	.5	<2	<2
OC503S	300	70	<50	20	<200	300	<200	<5	58	.5	<2	<2
OC504S	500	150	<50	30	<200	1,000	<200	<5	70	.4	<2	<2

Table 9.--Analyses of stream-sediment samples, Owyhee River Canyon Wilderness Study Area (ID-16-488), Owyhee County, Idaho--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
OC505S	42 13 54	116 51 41	3	1.5	1.5	.5	700	<.5	<700	<15	30	1,000	1.5
OC506S	42 13 43	116 52 12	3	1.5	1.5	.3	700	<.5	<700	<15	20	1,000	1.5
OC507S	42 13 32	116 52 27	3	1.5	1.5	.3	500	<.5	<700	<15	15	1,000	1.5
OC508S	42 13 25	116 52 28	3	1.5	1.5	.3	700	<.5	<700	<15	20	1,000	1.5
OC509S	42 12 58	116 52 4	3	1.5	1.5	.3	700	<.5	<700	<15	30	1,000	1.5
OC510S	42 12 38	116 51 30	3	1.5	1.5	.5	1,500	<.5	<700	<15	20	1,000	1.5

Table 9.--Analyses of stream-sediment samples, Owyhee River Canyon Wilderness Study Area (ID-16-48B), Owyhee County, Idaho--Continued

Sample	Bi-ppm S	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Nb-ppm S	Ni-ppm S	Pb-ppm S	Sb-ppm S	Sc-ppm S	Sn-ppm S
OC505S	<10	<30	20	100	50	70	<5	20	100	15	<100	15	<10
OC506S	<10	<30	15	100	30	70	<5	20	30	15	<100	15	<10
OC507S	<10	<30	15	100	30	70	<5	30	15	20	<100	7	<10
OC508S	<10	<30	15	70	30	70	<5	20	30	20	<100	15	<10
OC509S	<10	<30	15	150	30	30	<5	<20	30	15	<100	15	<10
OC510S	<10	<30	15	100	30	50	<5	<20	30	15	<100	15	<10

Table 9.--Analyses of stream-sediment samples, Owyhee River Canyon Wilderness Study Area (ID-16-488), Owyhee County, Idaho--Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	As-ppm icp	Zn-ppm icp	Cd-ppm icp	Bi-ppm icp	Sb-ppm icp
OC505S	500	150	<50	30	<200	300	<200	<5	62	.4	<2	<2
OC506S	300	150	<50	30	<200	300	<200	<5	70	.4	<2	<2
OC507S	300	150	<50	30	<200	300	<200	<5	64	.3	<2	<2
OC508S	300	70	<50	30	<200	300	<200	<5	62	.5	3	<2
OC509S	300	100	<50	20	<200	300	<200	<5	67	.4	<2	<2
OC510S	300	100	<50	30	<200	300	<200	<5	69	.6	<2	<2

Table 10.--Analyses of stream-sediment samples, South Fork Owyhee River Wilderness Study Area (ID-16-53), Owyhee County, Idaho

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

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
SF001DS	42 10 58	116 49 58	3	1.0	1.5	.3	700	<.5	<700	<15	30	1,000	1.5
SF002DS	42 10 55	116 50 42	3	1.5	1.5	.7	700	<.5	<700	<15	30	1,000	1.5
SF003DS	42 10 27	116 50 49	3	1.0	1.5	.3	700	<.5	<700	<15	30	1,000	1.5
SF004DS	42 10 24	116 50 46	3	1.5	1.5	.7	700	<.5	<700	<15	30	1,500	1.5
SF005DS	42 10 4	116 50 10	3	1.0	1.5	.3	700	<.5	<700	<15	30	1,000	1.5
SF006DS	42 10 19	116 50 48	3	1.5	1.5	.3	700	<.5	<700	<15	30	1,500	1.5
SF007DS	42 5 45	116 45 55	3	1.5	2.0	.3	700	<.5	<700	<15	30	700	1.5
SF008DS	42 5 42	116 46 0	3	2.0	1.5	.3	700	<.5	<700	<15	30	1,000	1.5
SF009DS	42 6 25	116 46 55	3	1.5	1.5	.3	700	<.5	<700	<15	30	1,000	2.0
SF010DS	42 6 32	116 46 52	2	1.5	1.5	.3	500	<.5	<700	<15	30	700	2.0
SF011DS	42 0 55	116 39 47	3	1.5	1.5	.3	700	<.5	<700	<15	30	700	1.5
SF012DS	42 1 30	116 41 0	2	1.0	1.5	.3	700	<.5	<700	<15	30	1,000	1.5
SF013DS	42 1 9	116 42 0	3	1.5	1.5	.3	700	<.5	<700	<15	30	1,000	1.5
SF014DS	42 2 37	116 41 37	3	1.0	1.5	.3	700	<.5	<700	<15	30	1,000	1.5
SF201TS	42 8 56	116 47 32	3	1.5	1.5	.3	700	<.5	<700	<15	30	700	1.5
SF202TS	42 8 36	116 47 48	3	.7	1.5	.7	700	<.5	<700	<15	15	1,000	2.0
SF203TS	42 9 6	116 48 31	3	1.5	1.5	.3	700	<.5	<700	<15	30	700	1.5
SF204TS	42 8 31	116 48 38	3	1.5	1.5	.3	700	<.5	<700	<15	30	700	1.5
SF205TS	42 7 57	116 48 36	3	1.0	1.5	.3	700	<.5	<700	<15	30	1,000	1.5
SF206TS	42 8 8	116 48 44	3	.7	1.5	.3	500	<.5	<700	<15	30	1,000	1.5
SF207TS	42 8 17	116 48 46	2	1.0	1.5	.3	700	<.5	<700	<15	30	1,500	1.5
SF208TS	42 2 42	116 43 57	3	1.5	1.5	.3	500	<.5	<700	<15	30	1,000	1.5
SF209TS	42 4 4	116 43 20	3	1.0	1.5	.3	700	<.5	<700	<15	30	1,000	1.5
SF210TS	42 3 46	116 43 5	3	1.5	1.5	.3	700	<.5	<700	<15	30	1,000	1.5
SF211TS	42 4 56	116 44 15	2	1.0	1.5	.3	700	<.5	<700	<15	30	1,000	2.0
SF212TS	42 6 17	116 44 58	3	1.5	1.5	.3	700	<.5	<700	<15	30	1,000	1.5
SD001AS	42 2 16	116 46 21	3	2.0	2.0	.7	1,500	<.5	<700	<15	10	700	1.5
SD002AS	42 4 21	116 47 41	3	1.5	1.5	.5	1,500	<.5	<700	<15	10	700	1.5
SD003AS	42 3 51	116 47 10	3	1.5	1.5	.5	1,000	<.5	<700	<15	10	700	1.5
SD004AS	42 4 47	116 48 26	2	.7	1.5	.3	700	<.5	<700	<15	10	700	1.5
SD005AS	42 5 11	116 48 30	3	1.0	1.5	.5	1,000	<.5	<700	<15	15	700	1.5
SD006AS	42 5 47	116 48 52	3	.7	1.5	.5	700	<.5	<700	<15	10	700	1.5
SD007AS	42 7 11	116 49 18	3	1.0	1.5	.3	700	<.5	<700	<15	10	1,000	1.5
SD008AS	42 7 13	116 49 59	3	1.0	.7	.3	500	<.5	<700	<15	10	700	1.5
SD009AS	42 7 34	116 51 16	2	.7	1.5	.3	700	<.5	<700	<15	10	700	1.5
SD010AS	42 9 34	116 52 20	3	1.5	1.5	.3	700	<.5	<700	<15	10	1,000	1.5
SD011AS	42 9 35	116 52 15	3	1.0	1.5	.3	700	<.5	<700	<15	10	1,000	1.5
SD012AS	42 8 20	116 52 23	3	1.0	1.5	.3	700	<.5	<700	<15	15	700	1.5
SD013AS	42 8 21	116 52 16	3	1.0	1.5	.3	700	<.5	<700	<15	15	700	1.5
SOR001S	42 0 6	116 42 48	2	1.0	1.5	.3	700	<.5	<700	<15	20	1,000	1.5
SOR002S	42 1 17	116 43 38	3	1.5	1.5	.3	700	<.5	<700	<15	20	700	1.5
SOR003S	42 1 13	116 43 56	2	1.0	1.0	.2	300	<.5	<700	<15	50	1,000	2.0
SOR004S	42 2 14	116 44 49	5	3.0	3.0	1.0	1,000	<.5	<700	<15	10	700	1.0
SOR005S	42 2 36	116 45 13	5	2.0	3.0	1.0	1,500	<.5	<700	<15	<10	1,000	1.0
SOR006S	42 2 43	116 45 26	3	1.5	1.5	.3	700	<.5	<700	<15	<10	1,000	1.0

Table 10.--Analyses of stream-sediment samples, South Fork Owyhee River Wilderness Study Area (ID-16-53), Owyhee County, Idaho--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s
SF001DS	<10	<30	15	70	30	70	<5	20	30	15	<100	15	<10	300
SF002DS	<10	<30	20	70	30	70	<5	20	30	20	<100	15	<10	300
SF003DS	<10	<30	15	70	30	70	<5	30	20	15	<100	15	<10	150
SF004DS	<10	<30	20	30	30	70	5	30	15	30	<100	15	<10	300
SF005DS	<10	<30	15	30	50	70	<5	<20	20	30	<100	15	15	300
SF006DS	<10	<30	15	30	30	70	<5	20	15	20	<100	15	<10	500
SF007DS	<10	<30	15	150	30	70	<5	20	30	15	<100	15	<10	300
SF008DS	<10	<30	20	70	30	50	<5	<20	30	20	<100	15	<10	300
SF009DS	<10	<30	15	70	30	50	<5	30	30	20	<100	15	<10	300
SF010DS	<10	<30	7	30	30	70	<5	20	15	20	<100	10	<10	150
SF011DS	<10	<30	15	70	30	30	<5	<20	30	15	<100	15	<10	300
SF012DS	<10	<30	15	50	30	50	<5	20	30	15	<100	15	<10	300
SF013DS	<10	<30	20	70	30	70	<5	<20	30	20	<100	15	<10	300
SF014DS	<10	<30	15	70	30	70	<5	20	30	15	<100	15	<10	500
SF201TS	<10	<30	15	70	30	50	<5	<20	30	15	<100	15	<10	300
SF202TS	<10	<30	15	30	15	150	<5	30	15	20	<100	15	<10	150
SF203TS	<10	<30	15	30	30	70	<5	30	50	15	<100	15	<10	150
SF204TS	<10	<30	15	70	30	50	<5	<20	20	15	<100	15	<10	300
SF205TS	<10	<30	15	30	30	70	<5	20	15	15	<100	10	<10	300
SF206TS	<10	<30	10	30	30	50	<5	30	15	20	<100	7	<10	300
SF207TS	<10	<30	15	30	30	70	<5	20	15	20	<100	10	<10	300
SF208TS	<10	<30	15	30	30	70	<5	<20	30	15	<100	15	<10	300
SF209TS	<10	<30	15	30	30	50	<5	<20	20	15	<100	15	<10	300
SF210TS	<10	<30	15	70	30	70	<5	<20	30	15	<100	15	<10	500
SF211TS	<10	<30	10	70	30	50	<5	20	30	15	<100	15	<10	300
SF212TS	<10	<30	15	50	30	70	<5	<20	30	15	<100	15	<10	150
SD001AS	<10	<30	15	70	30	50	<5	<20	30	15	<100	15	<10	300
SD002AS	<10	<30	15	70	30	30	<5	<20	30	15	<100	7	<10	300
SD003AS	<10	<30	15	70	30	30	<5	<20	30	15	<100	10	<10	300
SD004AS	<10	<30	10	30	20	50	<5	<20	15	15	<100	7	<10	300
SD005AS	<10	<30	15	30	30	30	<5	<20	20	15	<100	7	<10	300
SD006AS	<10	<30	10	30	15	50	<5	<20	15	15	<100	7	<10	300
SD007AS	<10	<30	10	30	30	70	<5	<20	15	15	<100	7	<10	300
SD008AS	<10	<30	7	30	30	70	<5	<20	15	15	<100	7	<10	300
SD009AS	<10	<30	7	30	20	30	<5	<20	15	15	<100	7	<10	300
SD010AS	<10	<30	10	30	20	70	<5	<20	15	15	<100	7	<10	300
SD011AS	<10	<30	10	50	15	70	<5	<20	15	15	<100	7	<10	300
SD012AS	<10	<30	10	70	30	50	<5	<20	20	15	<100	7	<10	300
SD013AS	<10	<30	7	30	30	50	<5	<20	15	15	<100	7	<10	300
SDR001S	<10	<30	15	70	30	50	<5	20	30	20	<100	15	<10	500
SDR002S	<10	<30	15	150	50	<30	<5	<20	30	20	<100	15	<10	300
SDR003S	<10	<30	7	100	50	70	<5	<20	30	20	<100	10	<10	300
SDR004S	<10	<30	20	300	30	30	<5	<20	50	15	<100	30	<10	300
SDR005S	<10	<30	20	150	30	50	<5	<20	30	20	<100	20	<10	300
SDR006S	<10	<30	10	70	30	50	<5	<20	20	20	<100	15	<10	300

Table 10.--Analyses of stream-sediment samples, South Fork Owyhee River Wilderness Study Area (ID-16-53), Owyhee County, Idaho--Continued

Sample	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Hg-ppm inst	As-ppm icp	Zn-ppm icp	Cd-ppm icp	Bi-ppm icp	Sb-ppm icp
SF001DS	100	<50	30	<200	300	<200	--	<5	41	.4	<2	<2
SF002DS	150	<50	50	<200	500	<200	--	<5	41	.4	<2	<2
SF003DS	100	<50	30	<200	300	<200	--	<5	46	.4	<2	2
SF004DS	150	<50	50	<200	300	<200	--	<5	49	.4	<2	<2
SF005DS	150	<50	30	<200	300	<200	--	<5	46	.4	<2	<2
SF006DS	100	<50	30	<200	300	<200	--	<5	54	.5	<2	<2
SF007DS	150	<50	30	<200	300	<200	--	7	58	.5	<2	2
SF008DS	150	<50	30	<200	150	<200	--	<5	48	.4	<2	2
SF009DS	150	<50	30	<200	300	<200	--	6	54	.4	<2	<2
SF010DS	70	<50	30	<200	150	<200	--	<5	44	.4	<2	<2
SF011DS	150	<50	30	<200	300	<200	--	<5	56	.3	<2	<2
SF012DS	100	<50	30	<200	300	<200	--	<5	55	.4	2	<2
SF013DS	150	<50	30	<200	300	<200	--	<5	41	.5	<2	2
SF014DS	150	<50	30	<200	300	<200	--	<5	46	.3	<2	<2
SF201TS	150	<50	30	<200	200	<200	--	<5	47	.4	<2	<2
SF202TS	150	<50	50	<200	300	<200	--	<5	53	.3	<2	<2
SF203TS	70	<50	30	<200	300	<200	--	<5	52	.3	<2	<2
SF204TS	70	<50	30	<200	300	<200	--	<5	49	.3	<2	<2
SF205TS	70	<50	30	<200	300	<200	--	<5	51	.4	<2	<2
SF206TS	70	<50	30	<200	300	<200	--	<5	49	.4	<2	<2
SF207TS	100	<50	30	<200	700	<200	--	<5	56	.4	<2	<2
SF208TS	70	<50	30	<200	150	<200	--	<5	58	.4	<2	<2
SF209TS	100	<50	30	<200	300	<200	--	<5	54	.3	<2	<2
SF210TS	100	<50	30	<200	200	<200	--	<5	54	.5	<2	<2
SF211TS	70	<50	30	<200	300	<200	--	<5	62	.5	<2	<2
SF212TS	150	<50	30	<200	200	<200	--	<5	46	.4	<2	<2
SD001AS	150	<50	20	<200	300	<200	--	<5	58	.5	<2	<2
SD002AS	150	<50	15	<200	200	<200	--	<5	50	.5	<2	<2
SD003AS	100	<50	15	<200	150	<200	--	<5	56	.4	<2	<2
SD004AS	70	<50	15	<200	150	<200	--	<5	43	.3	<2	<2
SD005AS	70	<50	20	<200	200	<200	--	<5	51	.4	<2	<2
SD006AS	70	<50	15	<200	300	<200	--	<5	31	.2	<2	<2
SD007AS	70	<50	20	<200	300	<200	--	<5	50	.3	<2	<2
SD008AS	70	<50	15	<200	200	<200	--	<5	44	.2	<2	<2
SD009AS	70	<50	15	<200	200	<200	--	<5	40	.2	<2	<2
SD010AS	70	<50	30	<200	200	<200	--	<5	45	.3	<2	<2
SD011AS	70	<50	30	<200	300	<200	--	<5	47	.3	<2	<2
SD012AS	70	<50	20	<200	150	<200	--	<5	52	.3	<2	<2
SD013AS	70	<50	20	<200	300	<200	--	<5	45	.3	<2	<2
SDR001S	150	<50	30	<200	300	<200	.06	<5	56	.6	<2	<2
SDR002S	150	<50	15	<200	100	<200	<.08	6	69	.6	<2	<2
SDR003S	150	<50	20	<200	150	<200	.15	<5	69	.5	<2	<2
SDR004S	300	<50	20	<200	150	<200	.05	9	81	.9	<2	4
SDR005S	200	<50	20	<200	300	<200	.03	<5	52	.5	<2	<2
SDR006S	150	<50	20	<200	200	<200	.07	5	52	.4	<2	2

Table 10.--Analyses of stream-sediment samples, South Fork Owyhee River Wilderness Study Area (ID-16-53), Owyhee County, Idaho--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
SOR007S	42 3 15	116 45 7	5	3.0	3.0	.7	500	<.5	<700	<15	10	500	<1.0
SOR008S	42 3 48	116 45 22	5	2.0	2.0	.7	700	<.5	<700	<15	10	700	1.0
SOR009S	42 4 13	116 45 39	3	2.0	2.0	.5	700	<.5	<700	<15	15	700	1.0
SOR010S	42 4 20	116 46 20	3	1.0	1.5	.3	700	<.5	<700	<15	10	1,000	1.5
SOR011S	42 4 35	116 46 44	3	1.0	1.5	.5	700	<.5	<700	<15	10	1,000	1.5
SOR013HS	42 6 12	116 47 8	2	1.5	1.5	.3	300	<.5	<700	<15	30	1,000	1.5
SOR014S	42 6 18	116 47 30	2	1.5	1.5	.3	700	<.5	<700	<15	20	700	1.5
SOR015S	42 7 38	116 48 53	2	1.0	1.5	.3	700	<.5	<700	<15	15	1,500	1.5
SOR016S	42 7 42	116 49 10	2	.7	1.5	.3	700	<.5	<700	<15	10	1,000	1.5
SOR017S	42 8 18	116 50 17	2	.7	1.5	.3	500	<.5	<700	<15	20	1,500	1.5
SOR018S	42 9 1	116 50 37	2	.7	1.5	.3	500	<.5	<700	<15	15	1,500	1.5
SOR019S	42 9 40	116 50 37	2	1.0	1.5	.3	500	<.5	<700	<15	20	1,000	1.5
SOR020S	42 10 3	116 51 17	2	.7	1.5	.3	700	<.5	<700	<15	20	1,500	1.5
SOR021HS	42 5 55	116 47 13	3	1.5	1.5	.5	1,000	<.5	<700	<15	30	1,000	1.5

Table 10.--Analyses of stream-sediment samples, South Fork Owyhee River Wilderness Study Area (ID-16-53), Owyhee County, Idaho--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s
SDR007S	<10	<30	15	300	50	<30	<5	<20	50	15	<100	15	<10	300
SDR008S	<10	<30	15	200	50	50	<5	<20	30	20	<100	15	<10	300
SDR009S	<10	<30	15	150	50	50	<5	<20	30	20	<100	15	<10	300
SDR010S	<10	<30	10	70	30	70	<5	<20	20	20	<100	10	<10	500
SDR011S	<10	<30	10	70	30	50	<5	<20	15	20	<100	10	<10	500
SDR013HS	<10	<30	15	70	30	70	<5	20	30	20	<100	15	<10	300
SDR014S	<10	<30	7	30	20	150	<5	<20	10	20	<100	7	<10	300
SDR015S	<10	<30	10	50	20	50	<5	<20	15	20	<100	7	<10	500
SDR016S	<10	<30	10	50	20	30	<5	<20	10	15	<100	7	<10	500
SDR017S	<10	<30	7	50	20	50	<5	<20	10	15	<100	7	<10	700
SDR018S	<10	<30	7	50	20	70	<5	<20	10	15	<100	7	<10	500
SDR019S	<10	<30	7	30	20	50	<5	<20	10	15	<100	7	<10	500
SDR020S	<10	<30	10	50	20	50	<5	<20	15	15	<100	10	<10	700
SDR021HS	<10	<30	15	50	30	50	<5	30	20	20	<100	15	<10	200

Table 10.--Analyses of stream-sediment samples, South Fork Owyhee River Wilderness Study Area (ID-16-53), Owyhee County, Idaho--Continued

Sample	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Hg-ppm inst	As-ppm icp	Zn-ppm icp	Cd-ppm icp	Bi-ppm icp	Sb-ppm icp
SOR007S	150	<50	15	<200	100	<200	.03	6	59	.4	<2	<2
SOR008S	150	<50	30	<200	200	<200	.02	6	64	.6	<2	2
SOR009S	150	<50	20	<200	300	<200	.05	<5	55	.4	<2	<2
SOR010S	100	<50	20	<200	200	<200	.04	5	55	.5	<2	<2
SOR011S	150	<50	30	<200	300	<200	.03	<5	56	.3	<2	<2
SOR013HS	100	<50	30	<200	300	<200	--	5	36	.2	<2	<2
SOR014S	70	<50	30	<200	200	<200	.03	<5	34	.3	<2	<2
SOR015S	70	<50	20	<200	200	<200	.03	<5	42	.4	<2	<2
SOR016S	70	<50	20	<200	200	<200	.05	<5	37	.3	<2	<2
SOR017S	100	<50	20	<200	300	<200	.03	<5	47	.3	<2	<2
SOR018S	100	<50	20	<200	200	<200	.05	<5	47	.4	<2	<2
SOR019S	70	<50	15	<200	300	<200	.05	8	48	.4	<2	<2
SOR020S	100	<50	20	<200	200	<200	.04	6	49	.3	<2	<2
SOR021HS	150	<50	30	<200	500	<200	--	7	59	.4	<2	<2

Table 11.--Analyses of stream-sediment samples, Yatahoney Creek Wilderness Study Area (ID-16-49D), Owhyee County, Idaho

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

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
YC001TS	42 11 12	116 30 42	3	.7	1.5	.3	700	<.5	<700	<15	10	700	2.0
YC002TS	42 11 2	116 31 6	3	.7	1.5	.5	700	<.5	<700	<15	15	1,000	2.0
YC003TS	42 12 34	116 33 6	2	.7	1.5	.5	700	<.5	<700	<15	15	700	1.5
YC004TS	42 13 10	116 30 46	7	1.0	1.5	.7	1,000	<.5	<700	<15	<10	1,000	2.0
YC005TS	42 13 12	116 30 35	7	1.0	1.5	.7	1,000	<.5	<700	<15	<10	700	1.5
YC006TS	42 13 52	116 31 27	3	.7	1.5	.5	700	<.5	<700	<15	15	700	2.0
YC007DS	42 13 28	116 28 14	7	.7	1.5	1.0	1,000	<.5	<700	<15	10	700	1.5
YC008DS	42 14 1	116 28 38	3	.7	1.5	.7	700	<.5	<700	<15	15	1,000	2.0
YC009KS	42 14 7	116 28 39	7	.5	1.0	.7	700	<.5	<700	<15	10	700	1.5
YC010KS	42 13 57	116 30 42	3	.7	1.5	.3	500	<.5	<700	<15	10	700	2.0
YC011DS	42 13 59	116 29 31	3	.7	1.5	.3	700	<.5	<700	<15	15	700	2.0
YC012DS	42 14 2	116 29 32	3	.7	1.5	.5	700	<.5	<700	<15	<10	1,000	1.5
YC013KS	42 11 53	116 29 26	3	.7	1.5	.5	1,000	<.5	<700	<15	15	700	1.5
YC014KS	42 13 43	116 30 3	3	.7	1.5	.7	700	<.5	<700	<15	10	700	1.5
YC015KS	42 11 54	116 29 19	3	.7	1.5	.3	700	<.5	<700	<15	10	700	1.5
YC016KS	42 12 37	116 29 48	3	.7	1.5	.3	700	<.5	<700	<15	<10	1,000	2.0
YC017KS	42 12 8	116 29 49	3	1.0	1.5	.5	700	<.5	<700	<15	10	700	1.5

Table 11.--Analyses of stream-sediment samples, Yatahoney Creek Wilderness Study Area (ID-16-49D), Owhyee County, Idaho--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s
YC001TS	<10	<30	10	30	20	70	<5	<20	15	20	<100	7	<10
YC002TS	<10	<30	7	30	20	70	<5	20	10	20	<100	7	<10
YC003TS	<10	<30	10	30	15	70	<5	<20	10	30	<100	7	<10
YC004TS	<10	<30	10	20	15	70	<5	30	7	30	<100	7	<10
YC005TS	<10	<30	15	30	15	70	<5	30	7	30	<100	7	<10
YC006TS	<10	<30	10	20	15	70	<5	20	7	30	<100	7	<10
YC007DS	<10	<30	15	70	7	70	<5	30	10	30	<100	10	<10
YC008DS	<10	<30	10	30	10	70	<5	30	7	30	<100	7	<10
YC009KS	<10	<30	10	20	15	70	<5	30	7	30	<100	7	<10
YC010KS	<10	<30	7	30	15	70	<5	20	10	20	<100	7	<10
YC011DS	<10	<30	7	20	15	70	<5	20	7	30	<100	7	<10
YC012DS	<10	<30	7	15	7	70	<5	30	7	30	<100	7	<10
YC013KS	<10	<30	15	30	30	70	<5	20	20	30	<100	7	<10
YC014KS	<10	<30	7	30	15	70	<5	30	15	30	<100	7	<10
YC015KS	<10	<30	7	15	15	70	<5	20	7	20	<100	7	<10
YC016KS	<10	<30	7	15	10	70	<5	20	7	20	<100	7	<10
YC017KS	<10	<30	10	30	20	70	<5	<20	15	20	<100	7	<10

Table 11.--Analyses of stream-sediment samples, Yatahoney Creek Wilderness Study Area (ID-16-49D), Owhyee County, Idaho--Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	As-ppm icp	Zn-ppm icp	Cd-ppm icp	Bi-ppm icp	Sb-ppm icp
YC001TS	200	50	<50	30	<200	200	<200	8	57	.5	<2	<2
YC002TS	300	70	<50	30	<200	300	<200	7	64	.5	<2	<2
YC003TS	300	70	<50	30	<200	300	<200	6	49	.5	<2	<2
YC004TS	200	150	<50	30	<200	300	<200	<5	90	.6	<2	<2
YC005TS	200	150	<50	30	<200	300	<200	6	106	.7	<2	<2
YC006TS	300	70	<50	30	<200	300	<200	7	71	.5	<2	<2
YC007DS	300	150	<50	30	<200	300	<200	6	81	.7	<2	<2
YC008DS	300	70	<50	30	<200	300	<200	<5	46	.3	<2	<2
YC009KS	150	150	<50	30	<200	300	<200	5	80	.4	<2	<2
YC010KS	300	70	<50	30	<200	300	<200	6	58	.4	<2	<2
YC011DS	300	50	<50	30	<200	300	<200	7	52	.4	<2	<2
YC012DS	200	50	<50	30	<200	300	<200	<5	37	.2	<2	<2
YC013KS	300	70	<50	30	<200	200	<200	9	58	.6	<2	<2
YC014KS	300	70	<50	30	<200	300	<200	<5	52	.3	<2	<2
YC015KS	300	50	<50	30	<200	300	<200	7	47	.3	<2	<2
YC016KS	300	50	<50	30	<200	300	<200	5	42	.3	<2	<2
YC017KS	300	70	<50	30	<200	300	<200	8	58	.5	<2	<2

Table 12.--Analyses of heavy-mineral-concentrate samples, C-2 fraction, Battle Creek Wilderness Study Area (ID-16-49E), Owyhee County, Idaho

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

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
BC001HC2	42 22 52	116 21 55	50	.7	.2	>2	3,000	N	N	N	100	200
BC002DC2	42 22 36	116 22 22	50	1.0	.3	>2	3,000	N	N	N	100	500
BC003HC2	42 21 52	116 21 22	30	2.0	2.0	>2	3,000	N	N	N	50	150
BC004DC2	42 21 46	116 21 47	50	.5	.2	>2	3,000	N	N	N	100	700
BC005DC2	42 20 3	116 21 15	50	2.0	2.0	>2	5,000	N	N	N	100	300
BC006HC2	42 19 40	116 20 26	50	7.0	3.0	>2	3,000	N	N	N	100	200
BC007HC2	42 21 7	116 21 40	50	.5	.3	>2	3,000	N	N	N	150	500
BC008HC2	42 20 1	116 21 38	50	2.0	1.0	>2	10,000	N	N	N	70	700
BC009HC2	42 19 28	116 22 55	20	7.0	5.0	2	5,000	N	N	N	50	1,000
BC010HC2	42 19 13	116 23 14	50	.5	.2	>2	5,000	N	N	N	100	300
BC011HC2	42 19 10	116 23 39	30	7.0	.2	>2	7,000	N	N	N	50	1,500
BC012HC2	42 19 5	116 24 41	30	3.0	2.0	>2	7,000	N	N	N	100	700
BC013HC2	42 19 12	116 25 2	30	.7	3.0	>2	3,000	N	N	N	100	300
BC014HC2	42 18 57	116 25 46	50	1.0	2.0	>2	5,000	N	N	N	100	300
BC015HC2	42 18 18	116 26 32	50	1.0	.5	>2	7,000	N	N	N	100	500
BC016HC2	42 17 57	116 26 32	30	5.0	2.0	>2	10,000	N	N	N	50	1,000
BC017HC2	42 17 5	116 28 16	50	.7	2.0	>2	2,000	N	N	N	70	500
BC018HC2	42 16 46	116 28 46	50	1.5	1.0	>2	5,000	N	N	N	100	1,000
BC019HC2	42 16 48	116 28 10	30	3.0	3.0	>2	5,000	N	N	N	50	300
BC020HC2	42 16 39	116 29 13	50	1.0	.5	>2	5,000	N	N	N	70	500
BC021HC2	42 16 28	116 29 47	50	1.5	2.0	>2	5,000	N	N	N	100	500
BC022HC2	42 16 1	116 30 39	50	3.0	5.0	>2	5,000	N	N	N	100	300
BC023HC2	42 15 37	116 31 4	30	1.0	1.0	>2	5,000	N	N	N	100	500
BC024HC2	42 14 44	116 30 48	50	2.0	.7	>2	5,000	N	N	N	100	500
BC025HC2	42 14 27	116 31 32	50	1.5	.3	>2	>10,000	N	N	N	100	7,000
BC026HC2	42 14 13	116 31 56	50	1.5	2.0	>2	7,000	N	N	N	100	500
BC100DC2	42 15 58	116 27 34	20	2.0	5.0	2	7,000	N	N	N	50	200
BC101KC2	42 16 4	116 27 26	50	3.0	3.0	>2	5,000	N	N	N	50	200
BC102DC2	42 15 59	116 27 27	50	1.5	.5	>2	3,000	N	N	N	150	300
BC103KC2	42 15 34	116 26 50	50	1.5	1.5	>2	5,000	N	N	N	100	300
BC104DC2	42 15 34	116 25 30	30	5.0	5.0	>2	5,000	N	N	N	70	300
BC105DC2	42 15 4	116 24 52	20	5.0	5.0	>2	7,000	N	N	N	70	1,500
BC106HC2	42 17 1	116 25 53	30	2.0	2.0	>2	7,000	N	N	N	70	300
BC107KC2	42 16 37	116 26 45	20	3.0	5.0	>2	>10,000	N	N	N	70	3,000
BC108KC2	42 16 33	116 27 41	15	7.0	7.0	>2	3,000	N	N	N	50	500
BC109KC2	42 16 50	116 24 23	20	5.0	.3	>2	>10,000	N	N	N	50	2,000
BC110KC2	42 14 42	116 29 42	50	3.0	2.0	>2	5,000	N	N	N	100	200
BC201TC2	42 20 44	116 24 14	50	.1	5.0	>2	1,500	N	N	N	100	100
BC202TC2	42 20 0	116 23 12	50	.5	.2	>2	2,000	N	N	N	100	100
BC203TC2	42 18 18	116 28 25	50	1.0	.3	>2	3,000	N	N	N	100	200
BC204TC2	42 18 16	116 28 28	50	.5	.2	>2	3,000	N	N	N	150	200
BC205TC2	42 17 49	116 28 48	50	.7	.2	>2	2,000	N	N	N	100	200
BC206TC2	42 17 44	116 28 15	50	2.0	2.0	>2	5,000	N	N	N	100	300
BC301DC2	42 17 10	116 31 11	50	.7	.2	>2	2,000	N	N	N	50	100
BC302HC2	42 17 11	116 31 15	50	1.0	.3	>2	3,000	N	N	N	200	300

Table 12.--Analyses of heavy-mineral-concentrate samples, C-2 fraction, Battle Creek Wilderness Study Area (ID-16-49E), Owyhee County, Idaho--Continued

Sample	Be-ppm S	Bi-ppm S	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Nb-ppm S	Ni-ppm S	Pb-ppm S
BC001HC2	N	N	N	100	200	100	100	20	100	20	N
BC002DC2	N	N	N	70	150	70	200	20	100	20	N
BC003HC2	N	N	N	70	300	50	70	10	70	30	N
BC004DC2	N	N	N	70	200	100	200	20	70	30	N
BC005DC2	N	N	N	70	500	100	200	15	<50	50	N
BC006HC2	N	N	N	70	500	70	500	20	50	200	N
BC007MC2	N	N	N	70	200	70	70	30	100	30	N
BC008MC2	N	N	N	70	100	70	150	15	70	30	N
BC009MC2	N	N	N	100	1,500	70	200	<10	50	200	N
BC010MC2	N	N	N	70	150	70	100	15	100	20	N
BC011MC2	N	N	N	50	500	70	200	15	50	200	N
BC012MC2	N	N	N	70	300	70	100	15	50	100	N
BC013MC2	N	N	N	70	200	70	100	10	70	20	N
BC014MC2	N	N	N	70	150	50	100	20	100	50	N
BC015MC2	N	N	N	70	200	70	300	30	100	30	N
BC016MC2	N	N	N	50	500	70	300	20	70	200	N
BC017MC2	N	N	N	100	150	70	<50	20	50	30	N
BC018MC2	N	N	N	70	200	70	150	20	70	15	N
BC019MC2	N	N	N	50	200	50	100	10	50	30	N
BC020MC2	N	N	N	70	100	70	150	20	50	20	N
BC021MC2	N	N	N	100	100	100	200	20	70	30	N
BC022MC2	N	N	N	70	50	20	150	15	50	15	N
BC023MC2	N	N	N	100	100	70	100	20	50	15	N
BC024MC2	N	N	N	100	100	50	200	20	100	50	N
BC025MC2	5	N	N	70	100	100	300	30	70	20	N
BC026MC2	N	N	N	70	100	50	300	20	100	50	N
BC100DC2	N	N	N	30	50	15	<50	<10	50	15	N
BC101KC2	N	N	N	50	500	50	300	20	70	100	N
BC102DC2	N	N	N	70	200	70	200	20	50	50	N
BC103KC2	N	N	N	100	200	70	150	20	70	50	N
BC104DC2	N	N	N	70	500	50	500	10	70	100	N
BC105DC2	N	N	N	70	1,500	70	200	10	50	200	N
BC106HC2	N	N	N	70	1,000	100	2,000	10	100	50	N
BC107KC2	N	N	N	100	1,000	100	1,000	15	100	50	N
BC108KC2	N	N	N	70	700	70	100	<10	<50	200	N
BC109KC2	N	N	N	70	1,500	70	300	<10	70	200	N
BC110KC2	N	N	N	70	500	70	500	20	100	50	N
BC201TC2	N	N	N	70	100	100	100	20	70	20	N
BC202TC2	N	N	N	70	200	100	100	20	50	20	N
BC203TC2	N	N	N	70	150	50	100	20	100	30	N
BC204TC2	N	N	N	70	200	100	50	30	100	30	N
BC205TC2	N	N	N	100	150	70	<50	20	100	20	N
BC206TC2	N	N	N	70	100	70	200	30	70	30	N
BC301DC2	N	N	N	70	150	100	50	15	50	30	N
BC302HC2	N	N	N	70	150	70	50	20	50	20	<20

Table 12.--Analyses of heavy-mineral-concentrate samples, C-2 fraction, Battle Creek Wilderness Study Area (ID-16-49E), Owyhee County, Idaho--Continued

Sample	Sb-ppm 5	Sc-ppm 5	Sn-ppm 5	Sr-ppm 5	V-ppm 5	W-ppm 5	Y-ppm 5	Zn-ppm 5	Zr-ppm 5	Th-ppm 5
BC001HC2	N	50	N	N	500	N	150	N	>2,000	N
BC002DC2	N	50	N	N	500	N	150	N	2,000	N
BC003HC2	N	70	N	N	500	N	70	N	2,000	N
BC004DC2	N	100	70	N	500	N	300	N	>2,000	N
BC005DC2	N	100	N	N	500	N	200	N	1,500	N
BC006HC2	N	100	N	N	500	N	100	N	700	N
BC007MC2	N	100	N	N	1,000	N	150	N	700	N
BC008MC2	N	150	N	N	300	N	300	N	1,000	N
BC009MC2	N	50	50	N	300	N	70	N	2,000	N
BC010MC2	N	50	N	N	500	N	100	N	1,500	N
BC011MC2	N	70	N	N	300	N	300	N	2,000	N
BC012MC2	N	100	N	N	300	N	200	N	1,500	N
BC013MC2	N	50	30	N	500	N	100	N	1,000	N
BC014MC2	N	50	N	N	100	N	200	N	2,000	N
BC015MC2	N	100	N	N	1,000	N	200	N	700	N
BC016MC2	N	50	N	N	500	N	200	N	2,000	N
BC017MC2	N	70	N	N	700	N	100	N	2,000	N
BC018MC2	N	70	N	N	700	N	150	N	2,000	N
BC019MC2	N	70	N	N	300	N	150	N	1,000	N
BC020MC2	N	100	N	N	500	N	200	N	1,500	N
BC021MC2	N	100	N	N	700	N	200	N	1,000	N
BC022MC2	N	70	N	N	300	N	150	N	>2,000	N
BC023MC2	N	50	N	N	500	N	150	N	2,000	N
BC024MC2	N	70	N	N	500	N	200	N	2,000	N
BC025MC2	N	100	<20	N	500	<100	500	N	500	N
BC026MC2	N	70	N	N	700	N	200	N	2,000	N
BC100DC2	N	50	N	N	200	N	100	N	1,500	N
BC101KC2	N	100	N	N	500	N	150	N	1,000	N
BC102DC2	N	150	N	N	500	N	200	N	1,000	N
BC103KC2	N	70	70	N	500	N	200	N	2,000	N
BC104DC2	N	100	N	N	300	N	150	N	2,000	N
BC105DC2	N	100	N	N	500	N	100	N	1,000	N
BC106HC2	N	150	20	N	500	N	200	N	>2,000	N
BC107KC2	N	100	<20	N	300	N	100	N	1,500	200
BC108KC2	N	50	N	N	700	N	70	N	2,000	N
BC109KC2	N	70	N	N	500	N	100	N	>2,000	N
BC110KC2	N	100	N	N	700	N	150	N	1,000	N
BC201TC2	N	50	N	N	1,000	N	100	N	>2,000	N
BC202TC2	N	50	N	N	200	N	150	N	1,500	N
BC203TC2	N	50	N	N	700	N	150	N	2,000	N
BC204TC2	N	70	N	N	1,000	N	100	N	500	N
BC205TC2	N	70	N	N	1,000	N	100	N	1,500	N
BC206TC2	N	70	100	N	500	N	150	N	1,500	N
BC301DC2	N	100	N	N	700	N	150	N	1,500	N
BC302HC2	N	150	N	N	700	<100	100	N	500	N

Table 12.--Analyses of heavy-mineral-concentrate samples, C-2 fraction, Battle Creek Wilderness Study Area (ID-16-49E), Owyhee County, Idaho--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
BC303DC2	42 16 48	116 31 22	50	1.0	.5	>2	3,000	N	N	N	100	200
BC304HC2	42 16 47	116 31 26	50	1.0	.2	>2	3,000	N	N	N	100	200
BC305DC2	42 16 26	116 31 27	30	5.0	5.0	2	>10,000	N	N	N	70	150
BC306HC2	42 16 27	116 31 37	30	1.5	2.0	>2	3,000	N	N	N	50	200
BC307DC2	42 15 42	116 31 45	20	5.0	5.0	2	10,000	N	N	N	50	200
BC308HC2	42 15 46	116 31 46	50	2.0	2.0	>2	5,000	N	N	N	100	500
BC701KC2	42 19 48	116 24 59	50	.5	.2	>2	3,000	N	N	N	100	300
BC702KC2	42 18 35	116 29 53	50	.7	.3	>2	3,000	N	N	N	150	200
BC703KC2	42 19 8	116 27 50	50	.2	.3	>2	2,000	N	N	N	100	100

Table 12.--Analyses of heavy-mineral-concentrate samples, C-2 fraction, Battle Creek Wilderness Study Area (ID-16-49E), Owyhee County, Idaho--Continued

Sample	Be-ppm S	Bi-ppm S	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Nb-ppm S	Ni-ppm S	Pb-ppm S
BC303DC2	N	N	N	50	150	50	100	20	100	30	N
BC304HC2	N	N	N	70	150	70	<50	50	70	30	N
BC305DC2	N	N	N	50	30	10	50	10	<50	20	N
BC306HC2	N	N	N	70	50	30	100	15	50	15	N
BC307DC2	N	N	N	50	50	20	70	10	<50	20	N
BC308HC2	N	N	N	70	100	70	150	20	50	20	N
BC701KC2	N	N	N	70	150	50	100	20	100	20	N
BC702KC2	N	N	N	100	200	100	50	20	70	30	N
BC703KC2	N	N	N	100	200	70	100	20	50	15	N

Table 12.--Analyses of heavy-mineral-concentrate samples, C-2 fraction, Battle Creek Wilderness Study Area (ID-16-49E), Owyhee County, Idaho--Continued

Sample	Sb-ppm 5	Sc-ppm 5	Sn-ppm 5	Sr-ppm 5	V-ppm 5	W-ppm 5	Y-ppm 5	Zn-ppm 5	Zr-ppm 5	Th-ppm 5
BC303DC2	N	50	N	N	500	N	150	N	2,000	N
BC304HC2	N	70	N	N	700	N	150	N	500	N
BC305DC2	N	100	N	N	100	N	150	N	2,000	N
BC306HC2	N	50	N	N	300	N	150	N	2,000	N
BC307DC2	N	70	N	N	200	N	150	N	2,000	N
BC308HC2	N	200	50	N	500	N	200	N	1,500	N
BC701KC2	N	50	N	N	500	N	100	N	2,000	N
BC702KC2	N	150	N	N	700	N	100	N	1,000	N
BC703KC2	N	50	N	N	700	N	100	N	1,000	N

Table 13.--Analyses of heavy-mineral-concentrate samples, C-3 fraction, Battle Creek Wilderness Study Area (ID-16-49E), Owyhee County, Idaho

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

Sample	Latitude	Longitude	Fe-pct. 5	Mg-pct. 5	Ca-pct. 5	Ti-pct. 5	Mn-ppm 5	Ag-ppm 5	As-ppm 5	Au-ppm 5	B-ppm 5	Ba-ppm 5
BC002DC3	42 22 36	116 22 32	.7	.07	2	.7	200	N	N	N	70	1,500
BC003HC3	42 21 52	116 21 22	.5	.10	3	.3	150	N	N	N	20	1,500
BC015MC3	42 18 18	116 26 32	1.0	.10	5	.1	100	N	N	N	20	5,000
BC017MC3	42 17 5	116 28 16	.5	.05	1	.2	50	N	N	N	20	1,000
BC023MC3	42 15 37	116 31 4	.5	.05	3	.2	200	N	N	N	20	2,000
BC026MC3	42 14 13	116 31 56	.3	.07	5	.7	100	N	N	N	50	1,500
BC101KC3	42 16 4	116 27 26	.7	.07	2	.3	50	N	N	N	20	2,000
BC104DC3	42 15 34	116 25 30	.3	.10	2	2.0	100	N	N	N	50	1,500
BC106KC3	42 17 1	116 25 53	.3	.05	1	2.0	100	N	N	N	20	700
BC108KC3	42 16 33	116 27 41	.2	.15	1	>2.0	100	N	N	N	50	5,000
BC109KC3	42 16 50	116 24 23	.3	.10	1	>2.0	100	N	N	N	30	5,000
BC1102C3	42 14 42	116 29 42	.7	.10	2	1.0	150	N	N	N	100	1,000
BC202TC3	42 20 0	116 23 12	.7	.07	2	.7	200	N	N	N	100	1,500
BC302HC3	42 17 11	116 31 15	1.0	.20	2	.2	100	N	N	N	20	1,500
BC303DC3	42 16 48	116 31 22	1.0	.15	5	.5	150	N	N	N	50	2,000
BC701KC3	42 19 48	116 24 59	2.0	.10	1	2.0	150	N	N	N	30	1,000

Table 13.--Analyses of heavy-mineral-concentrate samples, C-3 fraction, Battle Creek Wilderness Study Area (ID-16-49E), Owyhee County, Idaho--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
BC002DC3	5	N	N	N	50	N	100	N	N	100	N
BC003HC3	5	N	N	N	<20	N	100	N	N	20	N
BC015MC3	<2	N	N	N	20	<10	<50	N	N	10	30
BC017MC3	3	N	N	N	20	N	<50	N	N	20	N
BC023MC3	3	N	N	N	<20	N	70	N	N	<10	N
BC026MC3	5	N	N	N	<20	<10	100	N	N	20	N
BC101KC3	N	N	N	N	20	<10	N	N	N	10	N
BC104DC3	3	N	N	N	50	<10	100	N	N	30	N
BC106KC3	N	N	N	N	30	10	N	N	N	30	N
BC108KC3	7	N	N	N	20	15	100	N	N	50	N
BC109KC3	3	N	N	N	50	<10	70	N	N	30	N
BC1102C3	N	N	N	N	30	<10	N	N	N	10	N
BC202TC3	7	N	N	N	<50	N	<100	N	N	70	N
BC302HC3	N	N	N	N	20	<10	N	N	N	20	N
BC303DC3	5	N	N	N	<20	<10	100	N	N	20	N
BC701KC3	5	N	N	N	<20	<10	N	N	N	30	N

Table 13.--Analyses of heavy-mineral-concentrate samples, C-3 fraction, Battle Creek Wilderness Study Area (ID-16-49E), Owyhee County, Idaho--Continued

Sample	Sb-ppm 5	Sc-ppm 5	Sn-ppm 5	Sr-ppm 5	V-ppm 5	W-ppm 5	Y-ppm 5	Zn-ppm 5	Zr-ppm 5	Th-ppm 5
BC002DC3	N	N	N	1,000	70	<200	300	N	>5,000	N
BC003HC3	N	N	N	1,000	30	N	150	N	>2,000	N
BC015MC3	N	<10	N	700	<20	N	100	N	>2,000	N
BC017MC3	N	N	150	500	20	<100	100	N	>2,000	N
BC023MC3	N	N	N	700	30	<100	200	N	>2,000	N
BC026MC3	N	N	100	1,000	50	N	200	N	>2,000	N
BC101KC3	N	<10	N	500	<20	N	200	N	>2,000	N
BC104DC3	N	N	300	1,000	70	N	500	N	>2,000	N
BC106KC3	N	<10	100	500	100	N	2,000	N	N	N
BC108KC3	N	<10	150	700	100	N	500	N	>2,000	N
BC109KC3	N	10	30	1,000	100	<100	1,000	N	>2,000	N
BC1102C3	N	<10	300	300	70	N	1,000	N	>2,000	N
BC202TC3	N	N	700	1,000	100	<200	700	N	>5,000	N
BC302HC3	N	<10	N	500	50	N	700	N	>2,000	N
BC303DC3	N	N	N	1,000	50	N	150	N	>2,000	N
BC701KC3	N	N	N	1,000	100	N	700	N	>2,000	N

Table 14.--Analyses of heavy-mineral-concentrate samples, C-3 fraction, Deep Creek-Owyhee River Wilderness Study Area (ID-16-49A), Owyhee County, Idaho

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

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
DC001KC3	42 13 3	116 33 37	1.0	.50	7.0	>2.00	700	N	N	N	70	700
DC002KC3	42 20 16	116 36 53	1.0	.10	3.0	.10	100	N	N	N	20	2,000
DC004KC3	42 19 27	116 36 0	3.0	.50	5.0	1.00	300	N	N	N	50	2,000
DC006KC3	42 18 51	116 36 29	3.0	.70	1.0	1.50	500	N	N	N	20	200
DC007KC3	42 18 28	116 37 12	2.0	1.00	3.0	.50	1,000	N	N	N	20	1,000
DC009DC3	42 17 39	116 37 8	2.0	.50	3.0	.70	300	N	N	N	20	1,500
DC012KC3	42 16 23	116 37 59	3.0	1.00	3.0	>2.00	700	N	N	N	20	500
DC014KC3	42 15 58	116 38 28	1.5	.70	1.0	1.00	500	N	N	N	20	700
DC016TC3	42 13 32	116 33 59	1.0	.70	10.0	2.00	500	N	N	N	20	1,000
DC017TC3	42 13 52	116 34 24	2.0	.30	5.0	>2.00	1,000	N	N	N	100	1,000
DC018TC3	42 14 23	116 35 7	1.0	.20	20.0	>2.00	1,000	N	N	N	100	500
DC020TC3	42 15 5	116 35 38	.5	.10	15.0	1.50	500	N	N	N	100	70
DC022KC3	42 15 14	116 37 27	.5	.10	20.0	1.50	1,000	N	N	N	20	1,000
DC023TC3	42 15 32	116 38 25	2.0	.50	5.0	1.50	300	N	N	N	30	1,000
DC025TC3	42 16 10	116 39 43	.7	.20	3.0	.20	70	N	N	N	20	1,000
DC027TC3	42 15 23	116 40 0	1.0	.70	2.0	1.00	300	N	N	N	30	500
DC028TC3	42 15 32	116 41 7	.5	.07	2.0	.70	70	N	N	N	20	500
DC030KC3	42 14 55	116 41 52	.5	.30	10.0	.50	150	N	N	N	50	3,000
DC031KC3	42 14 53	116 44 7	.7	.30	5.0	.30	150	N	N	N	20	500
DC032TC3	42 14 50	116 44 28	1.0	1.50	5.0	1.00	200	N	N	N	20	700
DC034KC3	42 15 38	116 47 9	1.5	.10	5.0	1.50	200	N	N	N	20	5,000
DC035TC3	42 15 42	116 47 15	.5	.05	1.0	.50	200	N	N	N	20	200
DC036KC3	42 16 21	116 47 54	2.0	1.00	2.0	2.00	500	N	N	N	70	1,500
DC039TC3	42 17 3	116 50 16	1.0	.05	.5	.20	70	N	N	N	<20	200
DC040TC3	42 16 21	116 50 42	1.5	.50	5.0	>2.00	500	20	N	N	70	2,000
DC100TC3	42 13 14	116 36 38	1.5	.30	2.0	2.00	200	N	N	N	100	100
DC102TC3	42 13 41	116 37 49	1.0	.50	2.0	1.00	500	N	N	N	30	2,000
DC107TC3	42 14 30	116 38 56	2.0	.70	10.0	>2.00	700	N	N	N	50	1,000
DC109TC3	42 14 16	116 39 51	1.0	.50	5.0	>2.00	300	N	N	N	70	1,500
DC111DC3	42 14 6	116 32 35	1.5	.20	10.0	>2.00	700	N	N	N	70	1,500
DC112DC3	42 15 35	116 52 6	.5	.15	2.0	2.00	500	N	N	N	50	700
DC301DC3	42 15 17	116 36 27	.7	.50	5.0	>2.00	500	N	N	N	30	1,000
DC303DC3	42 16 44	116 35 33	3.0	.70	5.0	2.00	500	N	N	N	100	2,000
DC304DC3	42 20 4	116 34 28	1.5	.20	3.0	.70	150	N	N	N	50	700
DC305DC3	42 19 56	116 33 3	3.0	.15	5.0	2.00	200	N	N	N	20	1,500
DC306HC3	42 24 28	116 33 37	2.0	1.50	5.0	1.00	300	N	N	N	20	700
DC307HC3	42 24 1	116 34 23	1.5	.50	3.0	.20	300	N	N	N	50	2,000
DC309HC3	42 23 8	116 36 4	2.0	.30	1.5	.70	200	N	N	N	20	500
DC310HC3	42 21 47	116 36 22	3.0	1.00	2.0	2.00	500	N	N	N	20	500
DC311HC3	42 18 49	116 50 24	1.0	.10	1.0	.70	200	N	N	N	20	500
DC312HC3	42 18 52	116 50 26	.7	.05	.5	.30	70	N	N	N	20	150
DC313HC3	42 19 48	116 50 55	2.0	.20	.5	1.00	500	N	N	N	70	500
DC314HC3	42 19 48	116 51 1	2.0	.10	.5	.20	300	N	N	N	<20	150
DC701KC3	42 19 9	116 35 1	10.0	.50	.5	2.00	2,000	N	N	N	<50	500
DC703KC3	42 19 17	116 34 9	1.0	.10	2.0	.50	70	N	N	N	20	1,000

Table 14.--Analyses of heavy-mineral-concentrate samples, C-3 fraction, Deep Creek-Owyhee River Wilderness Study Area (ID-16-49A), Owyhee County, Idaho--Continued

Sample	Be-ppm S	Bi-ppm S	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Nb-ppm S	Ni-ppm S	Pb-ppm S
DC001KC3	3	N	N	N	100	20	200	N	70	15	N
DC002KC3	5	N	N	N	N	<10	N	N	N	20	N
DC004KC3	3	N	N	N	20	10	<50	N	N	10	20
DC006KC3	10	N	N	N	20	10	<50	N	N	50	N
DC007KC3	<2	N	N	N	70	<10	300	N	N	30	N
DC009DC3	<2	N	N	N	20	<10	150	N	N	15	N
DC012KC3	15	N	N	N	30	10	300	N	N	20	N
DC014KC3	5	N	N	N	20	N	<50	N	<50	30	N
DC016TC3	2	N	N	N	70	<10	100	N	N	<10	N
DC017TC3	5	N	N	N	100	20	300	N	70	20	200
DC018TC3	5	N	N	N	100	15	300	N	<50	30	N
DC020TC3	7	N	N	N	20	<10	100	N	N	15	N
DC022KC3	<2	N	N	N	20	<10	300	N	N	10	N
DC023TC3	5	N	N	N	70	<10	150	N	N	20	N
DC025TC3	<2	N	N	N	N	<10	N	N	N	<10	N
DC027TC3	<2	N	N	N	150	<10	<50	N	N	<10	N
DC028TC3	<2	N	N	N	<20	N	100	N	N	15	N
DC030KC3	3	N	N	N	20	N	200	N	N	<10	N
DC031KC3	2	N	N	N	70	<10	<50	N	N	<10	N
DC032TC3	5	N	N	N	100	<10	200	N	N	70	N
DC034KC3	2	N	N	N	20	N	<50	N	N	20	N
DC035TC3	15	N	N	N	30	N	<50	N	N	50	N
DC036KC3	7	N	N	N	200	15	150	N	N	20	N
DC039TC3	30	N	N	N	N	10	N	N	N	20	N
DC040TC3	7	N	N	N	150	150	300	N	50	30	N
DC100TC3	<2	<20	N	N	20	30	150	N	<50	10	50
DC102TC3	2	N	N	N	50	N	<50	N	<50	50	N
DC107TC3	2	N	N	N	100	15	200	N	<50	20	N
DC109TC3	5	N	N	N	100	N	150	N	N	20	N
DC111DC3	3	N	N	N	50	15	200	N	N	20	N
DC112DC3	10	N	N	N	50	15	100	N	<50	20	N
DC301DC3	3	N	N	N	50	N	100	N	<50	20	N
DC303DC3	7	N	N	N	N	10	<50	N	N	30	N
DC304DC3	30	N	N	N	20	<10	<50	N	N	10	N
DC305DC3	5	N	N	N	N	<10	200	N	N	20	N
DC306HC3	<2	N	N	N	100	<10	70	N	N	20	N
DC307HC3	2	N	N	N	<20	<10	<50	N	N	<10	N
DC309HC3	3	N	N	N	50	10	200	N	N	10	N
DC310HC3	10	N	N	N	100	10	500	N	N	20	N
DC311HC3	30	N	N	N	<20	15	200	N	N	20	N
DC312HC3	20	N	N	N	<20	10	N	N	N	10	N
DC313HC3	5	N	N	N	<20	<10	500	N	N	30	N
DC314HC3	5	N	N	N	N	20	300	N	N	30	N
DC701KC3	2	N	N	N	150	<20	200	N	N	20	N
DC703KC3	2	N	N	N	N	<10	N	N	N	<10	N

Table 14.--Analyses of heavy-mineral-concentrate samples, C-3 fraction, Deep Creek-Owyhee River Wilderness Study Area (ID-16-49A), Owyhee County, Idaho--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
DC001KC3	N	<10	N	200	150	<100	1,000	N	0	N
DC002KC3	N	<10	1,500	500	<20	N	200	N	>2,000	N
DC004KC3	N	<10	1,500	500	50	N	200	N	>2,000	N
DC006KC3	N	<10	N	<200	100	<100	1,000	N	>2,000	N
DC007KC3	N	<10	N	700	50	N	300	N	>2,000	N
DC009DC3	N	<10	N	500	50	N	1,000	N	>2,000	N
DC012KC3	N	<10	>2,000	<200	100	N	1,000	N	>2,000	N
DC014KC3	N	N	500	500	50	<100	1,000	N	>2,000	N
DC016TC3	N	<10	N	500	100	N	200	N	>2,000	N
DC017TC3	N	<10	>2,000	500	150	N	1,000	N	>2,000	N
DC018TC3	N	<10	>2,000	300	200	<100	1,500	N	>2,000	N
DC020TC3	N	<10	>2,000	200	50	<100	1,000	N	>2,000	300
DC022KC3	N	<10	N	300	100	<100	1,000	N	>2,000	N
DC023TC3	N	<10	700	700	70	N	300	N	>2,000	N
DC025TC3	N	<10	N	200	<20	N	50	N	2,000	N
DC027TC3	N	<10	1,000	300	50	N	500	N	>2,000	N
DC028TC3	N	<10	N	200	20	<100	1,500	N	>2,000	N
DC030KC3	N	<10	N	500	20	<100	500	N	>2,000	N
DC031KC3	N	<10	N	200	20	N	300	N	>2,000	N
DC032TC3	N	<10	N	300	70	N	700	N	>2,000	N
DC034KC3	N	N	N	500	50	<100	700	N	>2,000	N
DC035TC3	N	<10	N	300	50	<100	2,000	N	>2,000	N
DC036KC3	N	<10	200	200	100	N	1,000	N	>2,000	N
DC039TC3	N	<10	N	N	<20	N	1,000	N	>2,000	N
DC040TC3	N	<10	>2,000	300	100	<100	1,500	N	>2,000	N
DC100TC3	200	<10	>2,000	200	100	N	700	N	>2,000	N
DC102TC3	N	<10	N	500	50	<100	1,000	N	>2,000	N
DC107TC3	N	<10	2,000	500	150	<100	1,000	N	>2,000	N
DC109TC3	N	<10	N	500	200	<100	1,000	N	>2,000	N
DC111DC3	N	<10	N	500	150	<100	1,000	N	>2,000	N
DC112DC3	N	<10	1,000	<200	100	<100	2,000	N	>2,000	N
DC301DC3	N	N	700	500	100	<100	1,000	N	>2,000	N
DC303DC3	N	<10	300	1,000	100	N	300	N	>2,000	N
DC304DC3	N	<10	N	500	70	N	500	N	>2,000	N
DC305DC3	N	<10	>2,000	500	100	N	500	N	>2,000	N
DC306HC3	N	<10	N	500	100	N	150	N	>2,000	N
DC307HC3	N	<10	N	500	20	N	700	N	>2,000	N
DC309HC3	N	<10	500	200	70	N	500	N	>2,000	N
DC310HC3	N	<10	>2,000	N	100	N	700	N	>2,000	N
DC311HC3	N	<10	N	<200	50	<100	1,500	N	>2,000	N
DC312HC3	N	<10	N	<200	20	N	1,500	N	>2,000	N
DC313HC3	N	<10	2,000	300	70	<100	2,000	N	>2,000	N
DC314HC3	N	<10	N	<200	70	N	2,000	N	>2,000	N
DC701KC3	N	<10	100	N	150	N	500	N	>2,000	N
DC703KC3	N	<10	N	<200	20	N	300	N	>2,000	N

Table 14.--Analyses of heavy-mineral-concentrate samples, C-3 fraction, Deep Creek-Owyhee River Wilderness Study Area (ID-16-49A), Owyhee County, Idaho--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
DC704KC3	42 21 17	116 34 54	1.0	.50	10.0	2.00	200	N	N	N	50	1,000
DC705DC3	42 20 43	116 35 38	1.5	.70	3.0	1.50	700	N	N	N	70	1,000
DC711KC3	42 18 42	116 37 35	3.0	1.50	5.0	1.00	700	N	N	N	30	1,000
DC713KC3	42 18 16	116 41 5	1.5	.50	5.0	1.00	200	N	N	N	50	500
DC714KC3	42 17 23	116 41 0	.5	.20	2.0	1.00	200	N	N	N	50	100
DC715KC3	42 16 44	116 39 53	1.5	1.50	7.0	>2.00	500	N	N	N	50	1,500
DC716KC3	42 16 45	116 39 50	1.0	.15	3.0	.20	200	N	N	N	50	1,500
DC717KC3	42 16 58	116 40 5	5.0	1.50	2.0	.70	2,000	N	N	N	<50	500
DC722MC3	42 17 2	116 50 47	.7	.05	.5	.10	200	N	N	N	20	200
DC723MC3	42 17 32	116 50 33	2.0	<.05	.3	.50	200	N	N	N	20	100
DC724KC3	42 18 29	116 52 35	3.0	.30	.7	1.00	500	N	N	N	70	200
DC725KC3	42 19 16	116 51 55	.5	.07	.3	.07	70	N	N	N	20	100
DC726KC3	42 19 15	116 51 46	1.5	.07	.7	.70	100	N	N	N	<20	300
DC727KC3	42 18 59	116 51 30	2.0	.15	.5	.50	200	N	N	N	50	500

Table 14.--Analyses of heavy-mineral-concentrate samples, C-3 fraction, Deep Creek-Owyhee River Wilderness Study Area (ID-16-49A), Owyhee County, Idaho--Continued

Sample	Be-ppm S	Bi-ppm S	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Nb-ppm S	Ni-ppm S	Pb-ppm S
DC704KC3	3	N	N	N	100	N	100	N	N	30	N
DC705DC3	2	N	N	N	100	30	<50	N	N	10	N
DC711KC3	30	N	N	N	20	10	70	N	N	20	N
DC713KC3	10	N	N	N	200	30	200	N	N	50	N
DC714KC3	10	N	N	N	200	<20	N	N	N	10	N
DC715KC3	2	N	N	N	300	10	100	N	<50	20	N
DC716KC3	<2	N	N	N	20	<10	100	N	N	<10	N
DC717KC3	50	N	N	N	50	<20	N	N	N	<20	N
DC722MC3	100	N	N	N	<20	N	<50	N	N	30	N
DC723MC3	7	N	N	N	<20	15	200	N	N	10	N
DC724KC3	30	N	N	N	30	30	100	N	<50	20	N
DC725KC3	2	N	N	N	N	15	N	N	<50	30	N
DC726KC3	30	N	N	N	N	15	70	N	N	20	N
DC727KC3	50	N	N	N	20	<10	500	N	N	20	N

Table 14.--Analyses of heavy-mineral-concentrate samples, C-3 fraction, Deep Creek-Owyhee River Wilderness Study Area (ID-16-49A), Owyhee County, Idaho--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
DC704KC3	N	N	300	700	70	<100	1,000	N	>2,000	N
DC705DC3	N	<10	N	700	100	<100	500	N	>2,000	N
DC711KC3	N	<10	N	700	50	N	500	N	>2,000	N
DC713KC3	N	<10	>5,000	<500	150	N	1,000	N	>5,000	N
DC714KC3	N	<20	N	<500	70	N	500	N	>5,000	N
DC715KC3	N	<10	<20	500	150	N	1,000	N	>2,000	N
DC716KC3	N	<10	N	700	20	<100	200	N	>2,000	N
DC717KC3	N	<20	N	<500	50	N	700	N	>5,000	N
DC722MC3	N	<10	N	200	30	<100	3,000	N	>2,000	N
DC723MC3	N	<10	N	N	30	N	1,500	N	>2,000	N
DC724KC3	N	<10	N	200	70	<100	5,000	N	>2,000	N
DC725KC3	N	<10	N	<200	20	N	1,000	N	>2,000	N
DC726KC3	N	<10	2,000	<200	20	N	2,000	N	>2,000	N
DC727KC3	N	<10	2,000	200	50	<100	2,000	N	>2,000	N

Table 15.--Analyses of heavy-mineral-concentrate samples, C-3 fraction, Juniper Creek Wilderness Study Area (ID-16-52), Owhyee County, Idaho

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

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
JC001MC3	42 6 29	116 25 34	2.0	1.00	7	2	500	N	N	N	100	1,000
JC002MC3	42 6 6	116 24 0	3.0	1.00	2	2	500	N	N	N	30	>10,000
JC004TC3	42 7 33	116 23 58	1.0	.50	5	2	300	N	N	N	50	2,000
JC006TC3	42 7 44	116 27 8	2.0	.50	5	>2	500	N	N	N	100	3,000
JC008KC3	42 8 48	116 23 42	1.0	.20	3	>2	300	N	N	N	100	2,000
JC011TC3	42 9 12	116 24 42	.3	.05	1	2	70	N	N	N	20	500
JC012TC3	42 9 25	116 26 35	1.5	.30	7	>2	500	N	N	N	100	3,000
JC013DC3	42 9 17	116 27 28	5.0	1.50	5	>2	1,500	N	N	N	50	1,000
JC014DC3	42 9 34	116 28 25	2.0	.70	5	>2	500	N	N	N	100	10,000
JC017MC3	42 8 26	116 27 6	2.0	.50	2	>2	200	N	N	N	100	2,000
JC019TC3	42 6 50	116 26 58	1.0	.15	2	>2	200	N	N	N	50	1,500

Table 15.--Analyses of heavy-mineral-concentrate samples, C-3 fraction, Juniper Creek Wilderness Study Area (ID-16-52), Owhyee County, Idaho--Continued

Sample	Be-ppm S	Bi-ppm S	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Nb-ppm S	Ni-ppm S	Pb-ppm S
JC001MC3	N	N	N	N	150	10	500	N	70	30	200
JC002MC3	N	N	N	N	200	10	150	N	<50	30	N
JC004TC3	N	N	N	N	50	15	200	N	N	20	N
JC006TC3	N	N	N	N	100	10	200	N	N	20	N
JC008KC3	N	N	N	N	150	15	100	N	N	30	N
JC011TC3	N	N	N	N	20	<10	N	N	N	30	N
JC012TC3	N	N	N	N	200	15	200	N	50	20	N
JC013DC3	N	N	N	10	300	20	200	N	70	30	N
JC014DC3	N	N	N	N	200	10	100	N	N	20	N
JC017MC3	N	N	N	N	100	15	100	N	N	30	N
JC019TC3	N	N	N	N	100	15	150	N	50	30	N

Table 15.--Analyses of heavy-mineral-concentrate samples, C-3 fraction, Juniper Creek Wilderness Study Area (ID-16-52), Owhyee County, Idaho--Continued

Sample	Sb-ppm S	Sc-ppm S	Sn-ppm S	Sr-ppm S	V-ppm S	W-ppm S	Y-ppm S	Zn-ppm S	Zr-ppm S	Th-ppm S
JC001MC3	N	<10	700	200	150	N	1,000	N	>2,000	N
JC002MC3	N	<10	700	500	100	N	1,000	N	>2,000	N
JC004TC3	N	<10	500	300	200	N	1,000	N	>2,000	N
JC006TC3	N	<10	200	200	200	N	1,500	N	>2,000	N
JC008KC3	N	<10	300	200	200	N	1,500	N	>2,000	N
JC011TC3	N	<10	70	200	100	N	2,000	N	>2,000	N
JC012TC3	N	<10	N	500	300	N	1,000	N	>2,000	N
JC013DC3	N	<10	<20	200	300	N	1,000	N	>2,000	N
JC014DC3	N	<10	<20	300	200	N	1,000	N	>2,000	N
JC017MC3	N	<10	>2,000	200	200	N	1,500	N	>2,000	N
JC019TC3	N	<10	>2,000	<200	200	N	1,500	N	>2,000	N

Table 16.--Analyses of heavy-mineral-concentrate samples, C-3 fraction, Little Owyhee River Wilderness Study Area (ID-16-48C), Owyhee County, Idaho

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

Sample	Latitude	Longitude	Fe-pct.	Mg-pct.	Ca-pct.	Ti-pct.	Mn-ppm	Ag-ppm	As-ppm	Au-ppm	B-ppm	Ba-ppm
			s	s	s	s	s	s	s	s	s	s
L0001AC	42 4 5	116 54 28	.5	.10	1.5	.20	100	N	N	N	20	2,000
L0001BC	42 2 58	116 55 30	.7	.15	2.0	.30	70	N	N	N	20	1,500
L0001LC	42 3 57	116 54 23	.7	.15	3.0	.15	70	N	N	N	N	1,500
L0001PC	42 3 19	116 54 25	.5	.15	3.0	.10	70	N	N	N	N	1,500
L0002BC	42 3 29	116 55 43	.7	.20	2.0	.30	100	N	N	N	30	1,500
L0002LC	42 4 2	116 53 29	.7	.15	3.0	.15	70	N	N	N	<20	1,500
L0003AC	42 4 57	116 57 24	.5	.15	1.5	.70	100	N	N	N	70	1,500
L0003BC	42 4 57	116 57 24	1.0	.15	1.5	.70	70	N	N	N	<20	2,000
L0003LC	42 3 5	116 55 15	1.0	.20	3.0	.15	100	N	N	N	20	3,000
L0004AC	42 9 22	116 58 0	1.0	.50	2.0	2.00	200	N	N	N	20	700
L0004BC	42 5 33	116 56 10	1.5	.30	2.0	1.50	150	N	N	N	<20	700
L0005BC	42 5 20	116 55 30	.7	.15	2.0	.50	70	N	N	N	N	1,500
L0007AC	42 11 30	116 54 15	1.0	.70	3.0	2.00	200	N	N	N	70	3,000
L0008AC	42 11 5	116 53 47	.5	.20	2.0	1.50	150	N	N	N	30	1,000
L0008BC	42 5 8	116 55 5	.5	.15	3.0	.30	70	N	N	N	N	1,500
L0008PC	42 11 8	116 55 10	.7	.20	3.0	.70	70	N	N	N	20	1,000
L0009AC	42 10 42	116 53 37	1.5	1.00	3.0	1.50	300	N	N	N	30	2,000
L0010AC	42 10 16	116 53 14	.5	.15	1.5	.50	70	N	N	N	20	1,000
L0010BC	42 3 7	116 54 43	1.0	.20	2.0	.70	200	N	N	N	20	2,000
L0010PC	42 10 13	116 57 22	.7	.15	3.0	1.00	70	N	N	N	N	1,000
L0011BC	42 2 39	116 54 56	1.0	.15	2.0	.70	150	N	N	N	<20	2,000
L0012BC	42 5 33	116 54 15	.5	.15	2.0	.20	50	N	N	N	N	1,500
L0013BC	42 6 27	116 53 52	.7	.20	2.0	1.50	70	N	N	N	N	700
L0015BC	42 9 13	116 53 14	.5	.10	2.0	.15	70	N	N	N	N	1,500

Table 16.--Analyses of heavy-mineral-concentrate samples, C-3 fraction, Little Owyhee River Wilderness Study Area (ID-16-48C), Owyhee County, Idaho-Continued

Sample	Be-ppm S	Bi-ppm S	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Nb-ppm S	Ni-ppm S	Pb-ppm S
L0001AC	<2	N	N	N	30	<10	50	N	N	N	20
L0001BC	<2	N	N	N	30	<10	50	N	N	N	<20
L0001LC	<2	N	N	N	<20	<10	<50	N	N	N	<20
L0001PC	<2	N	N	N	<20	<10	<50	N	N	N	<20
L0002BC	<2	N	N	N	<20	<10	50	N	N	N	N
L0002LC	<2	N	N	N	<20	<10	50	N	N	N	<20
L0003AC	<2	--	N	N	30	<10	50	N	N	N	20
L0003BC	<2	N	N	N	70	<10	50	N	N	N	N
L0003LC	2	N	N	N	N	<10	50	N	N	N	20
L0004AC	<2	N	N	N	200	<10	70	N	N	50	N
L0004BC	3	N	N	N	150	<10	50	N	N	N	N
L0005BC	<2	N	N	N	50	<10	50	N	N	N	<20
L0007AC	<2	--	N	N	100	<10	150	N	N	15	N
L0008AC	<2	N	N	N	50	<10	70	N	N	<10	N
L0008BC	<2	N	N	N	50	<10	50	N	N	N	20
L0008PC	<2	N	N	N	50	<10	70	N	N	N	N
L0009AC	<2	N	N	N	100	10	500	N	N	20	N
L0010AC	<2	N	N	N	30	<10	50	N	N	N	N
L0010BC	<2	N	N	N	30	<10	50	N	N	<10	N
L0010PC	<2	N	N	N	70	<10	70	N	N	N	<20
L0011BC	<2	N	N	N	20	10	50	N	N	N	<20
L0012BC	<2	N	N	N	70	15	50	N	N	N	<20
L0013BC	2	N	N	N	50	<10	50	N	N	N	N
L0015BC	<2	N	N	N	<20	<10	50	N	N	N	<20

Table 16.--Analyses of heavy-mineral-concentrate samples, Little Owyhee River Wilderness Study Area (ID-16-48C), Owyhee County, Idaho--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
L0001AC	N	<10	N	700	50	N	150	N	>2,000	N
L0001BC	N	<10	N	500	30	N	300	N	>2,000	N
L0001LC	N	15	N	700	20	N	100	N	>2,000	N
L0001PC	N	<10	N	700	20	N	100	N	>2,000	N
L0002BC	N	N	500	300	50	N	500	N	>2,000	N
L0002LC	N	<10	300	500	20	N	300	N	>2,000	N
L0003AC	N	<10	N	700	70	N	200	N	>2,000	N
L0003BC	N	<10	N	300	70	N	500	N	>2,000	N
L0003LC	N	15	N	700	20	N	70	N	>2,000	N
L0004AC	N	15	1,000	500	100	N	300	N	>2,000	N
L0004BC	N	<10	N	<200	150	N	500	N	>2,000	N
L0005BC	N	<10	500	500	50	N	150	N	>2,000	N
L0007AC	N	20	N	<200	150	N	700	N	>2,000	N
L0008AC	N	20	N	N	100	N	700	N	>2,000	N
L0008BC	N	10	N	500	50	N	100	N	>2,000	N
L0008PC	N	20	N	500	70	N	500	N	>2,000	N
L0009AC	N	50	N	N	150	N	1,000	N	>2,000	N
L0010AC	N	15	N	N	50	N	700	N	>2,000	N
L0010BC	N	<10	300	<200	70	N	700	N	>2,000	N
L0010PC	N	30	1,000	<200	70	N	700	N	>2,000	N
L0011BC	N	<10	150	<200	50	N	700	N	>2,000	N
L0012BC	N	10	N	300	30	N	300	N	>2,000	N
L0013BC	N	30	N	N	70	N	1,000	N	>2,000	N
L0015BC	N	<10	N	<200	30	N	500	N	>2,000	N

Table 1.—Analyses of heavy-mineral-concentrate samples, C-3 fraction, Owyhee River Canyon Wilderness Study Area (ID-16-488), Owyhee County, Idaho--Continued

Sample	Be-ppm S	Bi-ppm S	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Nb-ppm S	Ni-ppm S	Pb-ppm S
OC003C3	N	N	N	N	20	15	200	N	N	20	3,000
OC004C3	N	N	N	N	20	<10	N	N	N	20	N
OC005C3	<2	N	N	N	20	10	N	N	N	30	N
OC007C3	<2	N	N	N	50	15	150	N	N	30	N
OC008C3	N	N	N	N	20	<10	<50	N	N	20	N
OC009C3	N	N	N	N	20	15	<50	N	N	30	N
OC011C3	N	N	N	N	20	<10	<50	N	N	15	N
OC012C3	N	N	N	N	20	10	N	N	N	20	N
OC013C3	N	N	N	N	50	10	<50	N	N	20	N
OC014C3	N	N	N	N	<20	<10	N	N	N	30	N
OC016C3	N	N	N	N	<20	<10	N	N	N	20	N
OC017C3	N	100	N	N	<20	10	<50	N	N	20	N
OC019C3	N	N	N	N	<20	15	<50	N	N	30	N
OC020C3	N	N	N	N	<20	<10	N	N	N	20	N
OC022C3	N	N	N	N	<20	<10	100	N	N	20	N
OC253C3	5	N	N	N	<20	<10	<50	N	N	20	N
OC254C3	5	N	N	N	N	<10	N	N	N	15	N
OC255C3	15	N	N	N	N	20	150	N	N	20	N
OC256C3	15	N	N	N	N	100	150	N	N	15	N
OC257C3	7	N	N	N	N	<10	N	N	N	10	N
OC259C3	15	N	N	N	N	20	100	N	N	20	20
OC260C3	20	1,000	N	N	N	20	100	N	N	20	150
OC261C3	20	200	N	N	20	15	100	N	N	30	N
OC262C3	20	N	N	N	N	15	100	N	N	20	50
OC263C3	20	N	N	N	<20	15	70	N	N	20	N
OC264C3	15	N	N	N	N	15	<50	N	N	15	N
OC265C3	10	N	N	N	<20	10	N	N	N	50	50
OC267C3	15	N	N	N	<20	20	150	N	N	70	N
OC268C3	10	N	N	N	<20	20	100	N	N	30	N
OC269C3	15	N	N	N	<20	15	100	N	N	30	N
OC270C3	10	N	N	N	<20	15	70	N	N	30	N
OC271C3	10	N	N	N	<20	15	100	N	N	50	N
OC501C3	N	N	N	N	100	20	100	N	<50	70	2,000
OC502C3	N	N	N	<10	100	15	1,500	N	<50	50	100
OC503C3	N	N	N	N	100	15	700	N	N	50	N
OC504C3	N	N	N	N	50	15	1,000	N	N	50	100
OC506C3	N	N	N	N	100	15	200	N	<50	50	N
OC507C3	N	N	N	N	30	10	100	N	N	30	N
OC509C3	N	N	N	N	500	15	200	N	N	50	N

Table 17.--Analyses of heavy-mineral-concentrate samples, C-3 fraction, Owhyee River Canyon Wilderness Study Area (ID-16-488), Owyhee County, Idaho

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

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
OC003C3	42 10 49	116 52 15	1.0	.30	5.0	.50	300	N	N	N	20	3,000
OC004C3	42 10 57	116 52 41	1.0	.10	2.0	.30	150	N	N	N	<20	1,000
OC005C3	42 11 15	116 53 6	.7	.10	2.0	.20	100	N	N	N	<20	2,000
OC007C3	42 12 47	116 53 46	1.0	.50	3.0	1.00	200	N	N	N	20	2,000
OC008C3	42 13 14	116 53 52	.7	.10	2.0	1.00	150	N	N	N	30	2,000
OC009C3	42 13 34	116 53 19	1.0	.50	3.0	1.00	300	N	N	N	30	3,000
OC011C3	42 14 37	116 54 21	.7	.20	2.0	.20	70	N	N	N	20	2,000
OC012C3	42 15 44	116 54 10	1.5	.20	2.0	.50	150	N	N	N	20	2,000
OC013C3	42 15 40	116 54 8	1.0	.30	3.0	1.00	200	N	N	N	30	3,000
OC014C3	42 15 52	116 53 12	.3	.10	.5	1.00	70	N	N	N	<20	1,000
OC016C3	42 16 44	116 54 20	.5	.10	1.0	.10	70	N	N	N	20	3,000
OC017C3	42 17 18	116 55 40	1.0	.10	.5	.15	100	N	N	N	20	2,000
OC019C3	42 17 31	116 57 18	.7	.10	1.0	.20	150	N	N	N	20	1,500
OC020C3	42 18 12	116 58 37	.7	.10	1.0	.20	100	N	N	N	20	3,000
OC022C3	42 18 21	116 59 32	1.0	.20	5.0	1.00	150	N	N	N	20	3,000
OC253C3	42 20 52	116 59 43	.7	.05	.5	.20	100	N	N	N	<20	1,500
OC254C3	42 20 40	116 59 22	.7	.05	.3	.15	70	N	N	N	<20	1,500
OC255C3	42 20 16	116 59 10	1.5	.10	.3	.70	200	N	N	N	<20	1,000
OC256C3	42 20 5	116 58 48	2.0	.20	.5	.50	300	N	N	N	<20	1,500
OC257C3	42 19 15	116 58 42	.7	<.05	.3	.20	50	N	N	N	<20	1,500
OC259C3	42 19 8	116 58 24	2.0	.10	.7	.50	200	N	N	N	<20	2,000
OC260C3	42 19 24	116 57 7	2.0	.05	.3	.50	200	N	N	N	<20	1,000
OC261C3	42 18 47	116 56 31	1.0	.05	.3	.20	150	N	N	N	<20	700
OC262C3	42 18 48	116 56 22	1.5	.10	1.0	.30	200	N	N	N	<20	1,000
OC263C3	42 18 28	116 56 18	1.5	.10	.5	.50	200	N	N	N	<20	1,500
OC264C3	42 18 18	116 54 40	1.0	.05	.2	.10	50	N	N	N	<20	1,000
OC265C3	42 18 17	116 54 36	1.0	.07	.5	.50	150	N	N	N	20	1,500
OC267C3	42 17 17	116 53 15	1.5	.20	.7	.30	300	N	N	N	20	700
OC268C3	42 16 13	116 53 14	2.0	.10	.3	.50	300	N	N	N	<20	700
OC269C3	42 16 12	116 53 7	1.5	.10	.7	.50	200	N	N	N	<20	700
OC270C3	42 17 5	116 52 11	1.5	.07	.5	.30	100	N	N	N	<20	1,000
OC271C3	42 15 47	116 51 58	1.5	.10	1.0	.70	300	N	N	N	<20	1,000
OC501C3	42 11 14	116 51 50	3.0	1.00	3.0	2.00	1,000	N	N	N	30	1,500
OC502C3	42 11 16	116 51 55	2.0	1.50	15.0	>2.00	1,000	N	N	N	30	1,000
OC503C3	42 10 52	116 52 11	2.0	.70	15.0	2.00	1,000	N	N	N	100	1,000
OC504C3	42 10 47	116 52 10	2.0	.50	10.0	1.50	1,500	N	N	N	30	1,000
OC506C3	42 13 43	116 52 12	2.0	1.00	10.0	>2.00	500	<1	N	N	50	1,500
OC507C3	42 13 32	116 52 27	1.0	.20	2.0	1.50	200	N	N	N	50	10,000
OC509C3	42 12 58	116 52 4	2.0	.50	5.0	2.00	300	N	N	N	50	2,000

Table 17.--Analyses of heavy-mineral-concentrate samples, C-3 fraction, Owhyee River Canyon Wilderness Study Area (ID-16-488), Owyhee County, Idaho--Continued

Sample	Sb-ppm 5	Sc-ppm 5	Sn-ppm 5	Sr-ppm 5	V-ppm 5	W-ppm 5	Y-ppm 5	Zn-ppm 5	Zr-ppm 5	Th-ppm 5
OC003C3	N	<10	1,500	500	50	N	1,000	N	>2,000	N
OC004C3	N	<10	N	200	30	N	1,000	N	>2,000	N
OC005C3	N	<10	300	300	50	N	1,000	N	>2,000	N
OC007C3	N	<10	>2,000	700	100	N	1,000	N	>2,000	N
OC008C3	N	<10	N	500	70	N	1,500	N	>2,000	N
OC009C3	N	<10	N	500	70	N	1,000	N	>2,000	N
OC011C3	N	<10	N	500	<20	N	500	N	>2,000	N
OC012C3	N	<10	N	500	50	N	700	N	>2,000	N
OC013C3	N	<10	N	700	100	N	700	N	>2,000	N
OC014C3	N	<10	300	200	70	N	1,500	N	>2,000	N
OC016C3	N	<10	1,000	200	20	N	1,500	N	>2,000	N
OC017C3	N	<10	>2,000	<200	200	N	2,000	N	>2,000	N
OC019C3	N	<10	N	<200	30	N	2,000	N	>2,000	N
OC020C3	N	<10	N	200	20	N	700	N	>2,000	N
OC022C3	N	<10	N	700	70	N	700	N	>2,000	N
OC253C3	N	<10	100	<200	20	N	1,500	N	>2,000	N
OC254C3	N	<10	>2,000	N	<20	N	700	N	>2,000	N
OC255C3	N	<10	>2,000	N	30	N	2,000	N	>2,000	N
OC256C3	N	<10	50	N	30	N	1,500	N	>2,000	N
OC257C3	N	<10	100	N	<20	N	700	N	>2,000	N
OC259C3	N	<10	300	N	30	N	1,000	N	>2,000	N
OC260C3	N	<10	>2,000	N	200	N	2,000	N	>2,000	N
OC261C3	N	<10	1,500	N	100	N	2,000	N	>2,000	N
OC262C3	N	<10	>2,000	N	30	N	1,500	N	>2,000	N
OC263C3	N	<10	1,500	N	20	N	1,000	N	>2,000	N
OC264C3	N	<10	>2,000	N	<20	N	1,500	N	>2,000	N
OC265C3	N	<10	200	<200	20	N	1,500	N	>2,000	N
OC267C3	N	<10	200	<200	50	N	2,000	N	>2,000	N
OC268C3	N	<10	200	<200	20	N	3,000	N	>2,000	N
OC269C3	N	<10	150	<200	50	N	2,000	N	>2,000	N
OC270C3	N	<10	1,500	<200	30	N	1,500	N	>2,000	N
OC271C3	N	<10	1,000	<200	50	N	1,500	N	>2,000	N
OC501C3	N	<10	N	500	150	N	1,000	N	>2,000	N
OC502C3	N	<10	N	500	150	N	1,500	N	>2,000	N
OC503C3	N	<10	N	700	150	N	2,000	N	>2,000	N
OC504C3	N	<10	200	500	100	N	1,500	N	>2,000	N
OC506C3	N	<10	300	1,000	200	<100	1,000	N	>2,000	N
OC507C3	N	<10	500	700	100	N	1,500	N	>2,000	N
OC509C3	N	<10	>2,000	1,000	200	N	1,000	N	>2,000	N

Table 18.--Analyses of heavy-mineral-concentrate samples, C-2 fraction, South Fork/Owyhee River Wilderness Study Area (ID-16-53), Owyhee County, Idaho

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

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
SOR003C2	42 1 13	116 43 56	10	10.0	7.0	2	3,000	N	N	N	20	1,000
SOR008C2	42 3 48	116 45 22	10	10.0	3.0	>2	2,000	N	N	N	20	300
SOR016C2	42 7 42	116 49 10	30	2.0	.7	>2	3,000	N	N	N	20	1,000
SOR001C2	42 0 6	116 42 48	20	10.0	5.0	>2	3,000	N	N	N	50	1,000
SOR006C2	42 2 43	116 45 26	15	7.0	5.0	>2	3,000	N	N	N	20	300
SOR011C2	42 4 35	116 46 44	20	7.0	5.0	>2	3,000	N	N	N	20	1,000
SOR014C2	42 6 18	116 47 30	20	10.0	3.0	>2	2,000	N	N	N	30	200
SOR019C2	42 9 40	116 50 37	50	1.5	.2	>2	5,000	N	N	N	20	700
SOR004C2	42 2 14	116 44 49	20	15.0	5.0	2	2,000	N	N	N	30	200
SOR009C2	42 4 13	116 45 39	15	10.0	5.0	>2	2,000	N	N	N	20	500
SOR017C2	42 8 18	116 50 17	30	5.0	3.0	>2	5,000	N	N	N	50	1,500
SOR002C2	42 1 17	116 43 38	15	10.0	5.0	2	2,000	N	N	N	20	500
SOR007C2	42 3 15	116 45 7	10	10.0	5.0	2	2,000	N	N	N	20	500
SOR012C2	42 5 34	116 47 17	20	7.0	3.0	>2	3,000	N	N	N	20	300
SOR015C2	42 7 38	116 48 53	20	10.0	3.0	>2	5,000	N	N	N	20	1,500
SOR020C2	42 10 3	116 51 17	50	1.5	.2	>2	3,000	N	N	N	30	1,000
SOR005C2	42 2 36	116 45 13	20	7.0	3.0	>2	2,000	N	N	N	20	100
SOR010C2	42 4 20	116 46 20	30	5.0	3.0	>2	2,000	N	N	N	30	200
SOR018C2	42 9 1	116 50 37	50	1.5	.2	>2	3,000	N	N	N	20	700

Table 18.--Analyses of heavy-mineral-concentrate samples, C-2 fraction, South Fork/Owyhee River Wilderness Study Area (ID-16-53), Owyhee County, Idaho--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
SOR003C2	N	N	N	100	700	20	N	N	N	300	N
SOR008C2	N	N	N	100	500	15	N	N	70	300	N
SOR016C2	N	N	N	100	100	20	100	<10	150	50	30
SOR001C2	N	N	N	100	500	20	500	N	100	200	<20
SOR006C2	N	N	N	100	500	15	N	N	70	150	N
SOR011C2	N	N	N	100	500	10	100	N	150	200	N
SOR014C2	N	N	N	100	700	20	500	15	150	1,000	N
SOR019C2	2	N	N	100	150	30	300	20	150	50	20
SOR004C2	N	N	N	150	1,000	30	<50	N	N	300	N
SOR009C2	N	N	N	100	700	20	<50	N	50	500	N
SOR017C2	<2	N	N	100	200	20	150	10	150	100	50
SOR002C2	N	N	N	100	700	30	N	N	N	300	<20
SOR007C2	N	N	N	70	500	10	N	N	N	200	N
SOR012C2	N	N	N	70	200	15	200	N	150	200	N
SOR015C2	<2	N	N	100	500	20	100	N	100	150	30
SOR020C2	3	N	N	100	200	30	200	50	150	70	20
SOR005C2	N	N	N	100	500	15	<50	N	150	200	N
SOR010C2	N	N	N	100	300	30	100	N	150	200	N
SOR018C2	<2	N	N	100	150	20	150	20	150	50	20

Table 18.--Analyses of heavy-mineral-concentrate samples, C-2 fraction, South Fork/Owyhee River Wilderness Study Area (ID-16-53), Owyhee County, Idaho--Continued

Sample	Sb-ppm S	Sc-ppm S	Sn-ppm S	Sr-ppm S	V-ppm S	W-ppm S	Y-ppm S	Zn-ppm S	Zr-ppm S	Th-ppm S
SOR003C2	N	70	N	N	500	N	50	N	200	N
SOR008C2	N	50	N	N	500	N	50	N	200	N
SOR016C2	N	50	<20	N	500	N	150	N	1,500	N
SOR001C2	N	70	N	N	500	N	100	<500	500	N
SOR006C2	N	70	N	N	500	N	70	<500	500	N
SOR011C2	N	70	N	N	500	N	100	N	1,500	N
SOR014C2	N	50	N	N	500	N	100	N	1,500	N
SOR019C2	N	70	<20	N	500	N	200	N	2,000	N
SOR004C2	N	50	N	N	500	N	50	<500	200	N
SOR009C2	N	50	70	N	500	N	70	N	300	N
SOR017C2	N	70	N	N	500	N	200	N	2,000	N
SOR002C2	N	50	N	N	500	N	50	N	200	N
SOR007C2	N	50	N	N	500	N	50	N	200	N
SOR012C2	N	70	N	N	500	N	150	N	1,000	N
SOR015C2	N	70	N	N	500	N	150	N	2,000	N
SOR020C2	N	70	N	N	700	N	200	N	1,500	N
SOR005C2	N	70	N	N	500	N	70	N	1,000	N
SOR010C2	N	70	N	N	500	N	150	N	1,500	N
SOR018C2	N	70	<20	N	500	N	200	N	2,000	N

Table 19.--Analyses of heavy-mineral-concentrate samples, C-3 fraction, South Fork/Owyhee River Wilderness Study Area (ID-16-53), Owyhee County, Idaho

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

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
SF002DC3	42 10 55	116 50 42	15.0	7.00	10.0	>2.00	5,000	N	N	N	<20	2,000
SF006D3	42 10 19	116 50 48	1.0	.20	20.0	1.00	1,500	N	N	N	50	2,000
SF007DC3	42 5 45	116 45 55	10.0	5.00	15.0	>2.00	1,000	N	N	N	100	1,500
SF008DC3	42 5 42	116 46 0	5.0	5.00	20.0	2.00	1,000	N	N	N	<20	700
SF009D3	42 6 25	116 46 55	1.5	1.00	20.0	2.00	300	N	N	N	150	>10,000
SF010DC3	42 6 32	116 46 52	15.0	5.00	15.0	>2.00	2,000	N	N	N	100	1,000
SF011DC3	42 0 55	116 39 47	15.0	7.00	15.0	2.00	2,000	N	N	N	50	700
SF012D3	42 1 30	116 41 0	1.0	.70	5.0	.50	200	N	N	N	150	1,500
SF013DC3	42 1 9	116 42 0	10.0	5.00	7.0	2.00	2,000	N	N	N	50	1,000
SF014D3	42 2 37	116 41 37	1.5	.50	10.0	>2.00	500	N	N	N	150	1,000
SF021HC3	42 5 55	116 47 13	5.0	3.00	5.0	2.00	1,000	N	N	N	100	3,000
SF004DC3	42 10 24	116 50 46	30.0	1.00	1.5	>2.00	5,000	N	N	N	N	2,000
SF201TC3	42 8 56	116 47 32	30.0	15.00	15.0	2.00	3,000	N	N	N	20	300
SF203TC3	42 9 6	116 48 31	10.0	2.00	3.0	>2.00	2,000	N	N	N	70	3,000
SF204RC3	42 8 31	116 48 38	30.0	5.00	7.0	>2.00	5,000	N	N	N	30	3,000
SF205T3	42 7 57	116 48 36	2.0	.50	5.0	.30	700	N	N	N	100	5,000
SF206TC3	42 8 8	116 48 44	10.0	2.00	10.0	>2.00	5,000	N	N	N	50	2,000
SF207TC3	42 8 17	116 48 46	1.0	.50	10.0	1.50	700	N	N	N	100	3,000
SF209T3	42 4 4	116 43 20	2.0	.70	10.0	>2.00	700	N	N	N	100	700
SD001AC	42 2 16	116 46 21	3.0	1.50	10.0	.70	700	N	N	N	30	3,000
SD002AC	42 4 21	116 47 41	3.0	1.00	2.0	.70	500	N	N	N	20	3,000
SD003AC	42 3 51	116 47 10	5.0	5.00	3.0	2.00	1,000	N	N	N	50	1,500
SD004AC	42 4 47	116 48 26	3.0	1.00	2.0	2.00	700	N	N	N	30	1,500
SD005AC	42 5 11	116 48 30	2.0	.10	1.0	.50	100	N	N	N	30	2,000
SD006AC	42 5 47	116 48 52	2.0	1.00	3.0	2.00	500	N	N	N	50	1,500
SD007AC	42 7 11	116 49 18	7.0	1.00	2.0	2.00	1,000	N	N	N	20	1,500
SD008AC	42 7 13	116 49 59	10.0	.50	2.0	2.00	2,000	N	N	N	20	>10,000
SD009AC	42 7 34	116 51 16	5.0	.50	2.0	1.00	500	N	N	N	30	3,000
SD011AC	42 9 35	116 52 15	3.0	1.50	3.0	1.00	700	N	N	N	30	2,000
SD012AC	42 8 20	116 52 23	3.0	3.00	7.0	2.00	1,000	N	N	N	50	1,000
SD013AC	42 8 21	116 52 16	20.0	2.00	2.0	>2.00	1,500	N	N	N	20	300
SDR001C3	42 0 6	116 42 48	1.0	.30	7.0	.70	150	N	N	N	70	>10,000
SDR002C3	42 1 17	116 43 38	1.0	.20	5.0	.50	100	N	N	N	50	5,000
SDR003C3	42 1 13	116 43 56	1.5	.70	7.0	.50	200	N	N	N	50	>10,000
SDR004C3	42 2 14	116 44 49	1.0	.30	5.0	.50	150	N	N	N	70	10,000
SDR005C3	42 2 36	116 45 13	1.0	.10	5.0	.30	150	N	N	N	50	2,000
SDR006C3	42 2 43	116 45 26	1.0	.20	3.0	.30	150	N	N	N	50	2,000
SDR007C3	42 3 15	116 45 7	1.5	1.00	5.0	1.00	200	N	N	N	70	2,000
SDR008C3	42 3 48	116 45 22	1.5	1.00	5.0	.70	300	N	N	N	50	3,000
SDR009C3	42 4 13	116 45 39	1.0	.50	5.0	.50	200	N	N	N	50	1,500
SDR010C3	42 4 20	116 46 20	.7	.20	3.0	.30	100	N	N	N	50	1,500
SDR011C3	42 4 35	116 46 44	1.0	.20	2.0	.20	150	N	N	N	50	1,500
SDR012C3	42 5 34	116 47 17	1.0	.50	5.0	2.00	200	N	N	N	50	3,000
SDR013H3	42 6 12	116 47 8	1.0	.70	2.0	1.50	300	N	N	N	100	2,000
SDR014C3	42 6 18	116 47 30	.5	.10	1.0	.15	50	N	N	N	50	1,000

Table 19.--Analyses of heavy-mineral-concentrate samples, C-3 fraction, South Fork/Owyhee River Wilderness Study Area (ID-16-53), Owyhee County, Idaho--Continued

Sample	Be-ppm 5	Bi-ppm 5	Cd-ppm 5	Co-ppm 5	Cr-ppm 5	Cu-ppm 5	La-ppm 5	Mo-ppm 5	Nb-ppm 5	Ni-ppm 5	Pb-ppm 5
SF002DC3	5	N	N	50	200	200	50	N	N	200	70
SF006D3	15	N	N	N	20	15	200	N	N	30	N
SF007DC3	<2	N	N	30	300	50	2,000	N	N	100	N
SF008DC3	<2	N	N	30	500	30	300	N	N	50	N
SF009D3	2	N	N	N	100	15	300	N	N	30	100
SF010DC3	<2	N	N	70	500	70	1,000	10	N	70	<20
SF011DC3	<2	N	N	70	2,000	30	100	N	N	200	30
SF012D3	<2	N	N	N	50	10	150	N	N	20	N
SF013DC3	2	N	N	50	2,000	20	500	N	N	50	30
SF014D3	3	N	N	N	100	20	300	N	<50	50	200
SF021HC3	<2	N	N	30	200	20	150	N	N	30	100
SF004DC3	5	N	N	70	100	150	100	200	50	20	30
SF201TC3	<2	N	N	100	2,000	100	500	N	N	200	N
SF203TC3	<2	N	N	50	500	70	300	N	<50	50	50
SF204RC3	2	N	N	50	500	100	500	N	N	50	30
SF205T3	3	N	N	N	20	30	200	N	N	30	70
SF206TC3	7	N	N	30	200	70	500	N	<50	30	70
SF207TC3	5	N	N	N	50	20	200	N	<50	30	70
SF209T3	3	N	N	N	150	20	500	N	N	30	N
SD001AC	N	N	N	10	300	<10	<50	N	N	50	N
SD002AC	N	N	N	<10	70	<10	N	N	N	50	N
SD003AC	N	N	N	50	500	15	150	N	<50	150	N
SD004AC	<2	N	N	N	70	10	200	N	<50	30	N
SD005AC	N	N	N	N	<20	<10	N	N	N	20	N
SD006AC	<2	N	N	N	100	15	200	N	<50	30	N
SD007AC	N	N	N	10	50	15	100	N	<50	20	N
SD008AC	N	N	N	10	50	20	<50	N	<50	20	N
SD009AC	N	N	N	N	50	<10	N	N	N	15	30
SD011AC	2	N	N	N	150	20	200	N	N	30	N
SD012AC	2	N	N	20	700	20	300	N	N	50	N
SD013AC	N	N	N	70	200	30	150	10	100	70	20
SDR001C3	<2	N	N	N	<20	<10	300	N	N	<10	<20
SDR002C3	<2	N	N	N	N	N	200	N	N	10	N
SDR003C3	2	N	N	<10	<20	N	500	N	N	20	150
SDR004C3	N	N	N	<10	<20	N	100	N	N	<10	N
SDR005C3	<2	N	N	<10	N	N	150	N	N	10	N
SDR006C3	N	N	N	N	N	N	100	N	N	10	<20
SDR007C3	<2	N	N	<10	<20	N	200	N	N	15	N
SDR008C3	N	N	N	<10	50	N	200	N	N	15	N
SDR009C3	3	<20	N	N	N	<10	300	N	N	<10	20
SDR010C3	3	N	N	N	N	N	100	N	N	15	N
SDR011C3	2	N	N	N	N	N	200	N	N	<10	N
SDR012C3	3	N	N	N	<20	N	500	N	N	10	N
SDR013H3	15	N	N	N	150	20	200	N	<50	50	N
SDR014C3	N	N	N	N	N	N	<50	N	N	N	N

Table 19.--Analyses of heavy-mineral-concentrate samples, C-3 fraction, South Fork/Owyhee River Wilderness Study Area (ID-16-53), Owyhee County, Idaho--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
SF002DC3	N	<10	20	200	300	N	1,000	N	>2,000	N
SF006D3	N	<10	100	300	100	<100	1,000	N	>2,000	N
SF007DC3	N	<10	N	700	300	N	1,000	N	>2,000	N
SF008DC3	N	<10	N	1,000	300	N	700	N	>2,000	N
SF009D3	N	<10	500	3,000	150	<100	700	N	>2,000	N
SF010DC3	N	<10	N	300	300	N	700	N	>2,000	N
SF011DC3	N	<10	N	200	500	N	300	N	>2,000	N
SF012D3	N	<10	N	1,000	50	<100	300	N	>2,000	N
SF013DC3	N	<10	<20	300	300	N	700	N	>2,000	N
SF014D3	N	<10	300	1,000	150	<100	1,500	N	>2,000	N
SF021HC3	N	<10	N	1,000	150	<100	1,000	N	>2,000	N
SF004DC3	N	<10	N	200	700	N	1,000	N	>2,000	N
SF201TC3	N	<10	N	<200	1,000	N	300	N	>2,000	N
SF203TC3	N	<10	500	700	200	N	500	N	>2,000	N
SF204RC3	N	<10	N	200	300	N	700	N	>2,000	N
SF205T3	N	<10	1,500	500	100	<100	1,000	N	>2,000	N
SF206TC3	N	<10	70	200	300	N	1,500	N	>2,000	N
SF207TC3	N	<10	1,000	500	100	<100	1,500	N	>2,000	N
SF209T3	N	<10	N	700	150	<100	1,500	N	>2,000	N
SD001AC	N	<10	200	1,000	150	N	200	N	>2,000	N
SD002AC	N	<10	N	500	100	N	100	N	>2,000	N
SD003AC	N	<10	700	300	200	N	500	N	>2,000	N
SD004AC	N	<10	150	700	100	N	700	N	>2,000	N
SD005AC	N	<10	700	500	50	N	200	N	>2,000	N
SD006AC	N	<10	150	500	100	N	300	N	>2,000	N
SD007AC	N	<10	200	500	100	N	300	N	>2,000	N
SD008AC	N	<10	100	1,500	100	N	700	N	>2,000	N
SD009AC	N	<10	700	500	100	N	100	N	>2,000	N
SD011AC	N	<10	>2,000	300	150	N	1,000	N	>2,000	N
SD012AC	N	<10	N	500	200	N	1,000	N	>2,000	N
SD013AC	N	<10	500	<200	200	N	300	N	>2,000	N
SDR001C3	N	N	100	1,500	100	N	700	N	>2,000	N
SDR002C3	N	N	N	1,000	70	N	500	N	>2,000	N
SDR003C3	N	N	N	2,000	100	N	700	N	>2,000	N
SDR004C3	N	N	N	1,000	70	N	200	N	>2,000	N
SDR005C3	N	N	N	700	50	N	500	N	>2,000	N
SDR006C3	N	N	N	700	50	N	200	N	>2,000	N
SDR007C3	N	N	N	1,000	70	N	300	N	>2,000	N
SDR008C3	N	N	N	700	100	N	300	N	>2,000	N
SDR009C3	N	N	>2,000	1,000	50	N	700	N	>2,000	N
SDR010C3	N	N	30	700	50	N	500	N	>2,000	N
SDR011C3	N	N	100	500	30	N	500	N	>2,000	N
SDR012C3	N	N	N	700	100	N	700	N	>2,000	N
SDR013H3	N	<10	1,500	500	100	<100	1,500	N	>2,000	N
SDR014C3	N	N	N	N	20	N	300	N	>2,000	N

Table 19.--Analyses of heavy-mineral-concentrate samples, C-3 fraction, South Fork/Owyhee River Wilderness Study Area (ID-16-53), Owyhee County, Idaho--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
SOR015C3	42 7 38	116 48 53	.7	.20	5.0	1.50	200	N	N	N	70	1,000
SOR016C3	42 7 42	116 49 10	.5	.10	3.0	.50	150	N	N	N	50	2,000
SOR017C3	42 8 18	116 50 17	5.0	2.00	3.0	>2.00	500	N	N	N	70	1,000
SOR018C3	42 9 1	116 50 37	.7	.10	3.0	.30	200	N	N	N	50	1,500
SOR019C3	42 9 40	116 50 37	.5	.15	3.0	1.00	100	N	N	N	50	2,000
SOR020C3	42 10 3	116 51 17	.7	.20	5.0	2.00	300	N	N	N	50	5,000

Table 19.--Analyses of heavy-mineral-concentrate samples, C-3 fraction, South Fork/Owyhee River Wilderness Study Area (ID-16-53), Owyhee County, Idaho--Continued

Sample	Be-ppm S	Bi-ppm S	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Nb-ppm S	Ni-ppm S	Pb-ppm S
SOR015C3	5	N	N	N	N	N	200	N	N	15	N
SOR016C3	3	N	N	N	N	N	200	N	N	10	N
SOR017C3	2	N	N	20	300	<10	700	N	N	30	<20
SOR018C3	5	N	N	N	N	N	150	N	N	15	N
SOR019C3	5	N	N	N	N	N	150	N	N	20	N
SOR020C3	7	N	N	N	N	N	200	N	N	10	<20

Table 19.--Analyses of heavy-mineral-concentrate samples, C-3 fraction, South Fork/Owyhee River Wilderness Study Area (ID-16-53), Owyhee County, Idaho--Continued

Sample	Sb-ppm	Sc-ppm	Sn-ppm	Sr-ppm	V-ppm	W-ppm	Y-ppm	Zn-ppm	Zr-ppm	Th-ppm
	5	5	5	5	5	5	5	5	5	5
SOR015C3	N	30	N	N	70	N	1,000	N	>2,000	N
SOR016C3	N	30	300	N	50	N	1,000	N	>2,000	N
SOR017C3	N	70	N	N	20	N	1,000	N	>2,000	N
SOR018C3	N	50	N	N	30	N	1,000	N	>2,000	N
SOR019C3	N	50	N	N	50	N	1,000	N	>2,000	N
SOR020C3	N	50	N	N	50	N	1,000	N	>2,000	N

Table 20-Analyses of heavy-mineral-concentrate samples, C-3 fraction,
Yatahoney Creek Wilderness Study Area (ID-16-49D), Owyhee County, Idaho

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

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
YC001TC3	42 11 12	116 30 42	10	5.0	5	2	1,500	N	N	N	100	1,500
YC002TC3	42 11 2	116 31 6	5	1.5	5	2	1,000	N	N	N	50	1,500
YC003TC3	42 12 34	116 33 6	20	1.5	15	>2	2,000	N	N	N	50	300
YC007DC3	42 13 28	116 28 14	10	1.0	5	>2	1,500	N	N	N	50	300
YC008DC3	42 14 1	116 28 38	30	3.0	5	>2	5,000	N	N	N	50	300
YC009KC3	42 14 7	116 28 39	7	1.0	5	2	2,000	N	N	N	20	1,000
YC010KC3	42 13 57	116 30 42	3	1.0	10	>2	1,500	N	N	N	50	700
YC012DC3	42 14 2	116 29 32	20	3.0	5	2	2,000	N	N	N	70	50
YC013KC3	42 11 53	116 29 26	15	5.0	10	>2	2,000	N	N	N	100	1,000
YC015KC3	42 11 54	116 29 19	7	1.5	5	2	1,000	N	N	N	100	700
YC016KC3	42 12 37	116 29 48	7	1.5	15	>2	2,000	N	N	N	100	1,000
YC017KC3	42 12 8	116 29 49	10	5.0	10	2	2,000	N	N	N	100	1,000

Table 20-Analyses of heavy-mineral-concentrate samples, C-3-fraction,
Yatahoney Creek Wilderness Study Area (ID-16-49D), Owyhee County, Idaho--Continued

Sample	Be-ppm 5	Bi-ppm 5	Cd-ppm 5	Co-ppm 5	Cr-ppm 5	Cu-ppm 5	La-ppm 5	Mo-ppm 5	Nb-ppm 5	Ni-ppm 5	Pb-ppm 5
YC001TC3	N	N	N	50	500	15	2,000	N	50	100	N
YC002TC3	N	N	N	N	70	<10	150	N	<50	20	N
YC003TC3	N	N	N	30	500	20	500	10	100	30	<20
YC007DC3	<2	N	N	30	200	15	300	<10	50	30	N
YC008DC3	N	N	N	70	300	20	500	N	70	50	N
YC009KC3	N	N	N	N	30	<10	100	N	<50	20	20
YC010KC3	N	N	N	10	50	20	700	10	150	20	N
YC012DC3	<2	N	N	50	50	50	500	N	50	20	30
YC013KC3	2	N	N	50	500	20	300	N	50	100	N
YC015KC3	N	N	N	<10	100	10	300	N	<50	30	N
YC016KC3	N	N	N	10	100	20	700	N	50	20	50
YC017KC3	N	N	N	50	500	20	500	N	50	100	20

Table 20-Analyses of heavy-mineral-concentrate samples, C-3-fraction,
Yatahoney Creek Wilderness Study Area (ID-16-49D), Owyhee County, Idaho--Continued

Sample	Sb-ppm S	Sc-ppm S	Sn-ppm S	Sr-ppm S	V-ppm S	W-ppm S	Y-ppm S	Zn-ppm S	Zr-ppm S	Th-ppm S
YC001TC3	N	<10	N	500	200	N	700	N	>2,000	N
YC002TC3	N	<10	N	500	100	N	1,000	N	>2,000	N
YC003TC3	N	<10	150	500	300	N	1,000	N	>2,000	N
YC007DC3	N	<10	1,000	300	300	N	1,000	N	>2,000	N
YC008DC3	N	<10	N	N	500	N	500	N	>2,000	N
YC009KC3	N	<10	500	500	150	N	500	N	>2,000	N
YC010KC3	N	<10	70	300	200	N	1,500	N	>2,000	N
YC012DC3	N	<10	20	500	500	N	1,000	N	>2,000	N
YC013KC3	N	<10	<20	500	500	N	1,000	N	>2,000	N
YC015KC3	N	<10	20	500	150	N	700	N	>2,000	N
YC016KC3	N	<10	200	300	200	N	1,500	N	>2,000	N
YC017KC3	N	<10	700	300	200	N	700	N	>2,000	N