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Analytical results and sample locality map for minus-60-mesh (0.25-mm) stream-sediment samples from the eastern part of the Tonopah 1° x 2° quadrangle, Nevada

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This report presents the results of a geochemical survey of the stream-sediment samples collected in the eastern part of the Tonopah 1° x 2° quadrangle, Nevada. Geochemical samples were collected as one of several multidisciplinary studies associated with the Conterminous United States Mineral Appraisal Program (CUSMAP). Additional support for the eastern part of the quadrangle was provided by the Bureau of Land Management Wilderness Study Area program.

INTRODUCTION

In this report, chemical analyses are presented for minus-60-mesh (0.25-mm) stream-sediment samples collected at 251 sites between June and August 1984, from the eastern part of the Tonopah 1° x 2° quadrangle, Nye County, Nevada (fig. 1). This report will complete the entire regional geochemical data base for the CUSMAP study. The analytical results for the minus-60-mesh (0.25-mm) stream-sediment samples excluding the eastern part of the quadrangle were previously published (Fairfield and others, 1985). The analyses for the nonmagnetic heavy-mineral-concentrate samples collected from the same alluvium as the minus-60-mesh (0.25-mm) stream-sediment samples for the entire Tonopah 1° x 2° quadrangle have also been published (Siems and Marchitti, 1986). More than 2,000 rock samples from mines, prospects, dumps, and altered areas have also been collected as part of other geochemical and geologic studies. The results of these studies are reported in Nash and others (1985a,b,c,d).

The eastern part of the quadrangle sampled for this report comprises about 1,400 mi^2 (3,630 km^2) in west-central Nevada. Topography is characteristic of the Basin and Range Province, and consists of block-faulted mountain ranges separated by broad valleys. Topographic relief is generally about 3,000 ft (914 m), but in some places it is more than 9,000 ft (2,743 m). Most of the area has well-developed drainages in steep-walled canyons occupied by intermittent streams. The climate is arid to semiarid. Pinon pine and juniper grow in most elevations above 6,000 feet (1,829 m), and sagebrush is the most abundant plant at lower elevations. Major access is provided by U.S. Route 6; numerous county-maintained gravel roads and unmaintained jeep trails are also present.

Geology and mineral deposits of the eastern part of the quadrangle are discussed in reports pertinent to Nye County (Kleinhampl and Ziony, 1984; Kral, 1951).

METHODS OF STUDY

Sample Media

Analyses of the minus-60-mesh (0.25-mm) 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. The minus-60-mesh (0.25-mm) fraction was selected on the basis of results from 29 size fraction analyses reported by Siems and others (1984).

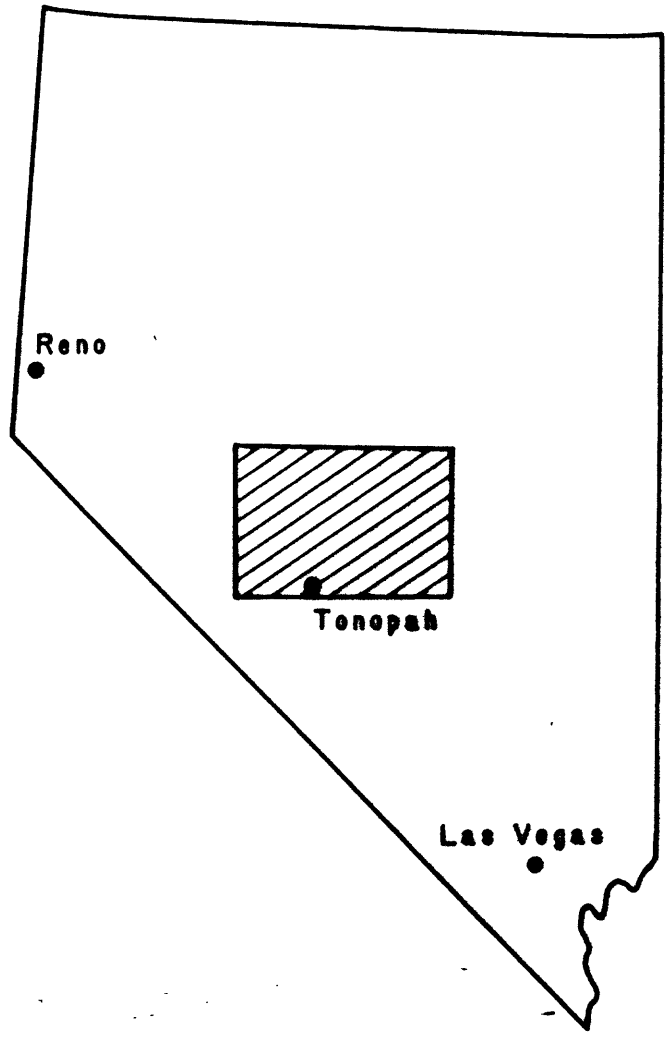

Figure 1. Location of Tonopah 1^{o} x 2^{o} quadrangle, Nevada.

Sample Collection

Stream-sediment samples

Stream-sediment samples were collected at 251 sites (plate 1). Sampling density varied from approximately one sample site/mi^2 (1 site 1.6 km^2) to one site/4 mi^2 (6.4 km^2). First order (unbranched) or second order streams were selected for sampling based on drainage basins evident on 1:24,000 and 1:62,500 scale topographic maps. No site was more than 300 m from bedrock. The stream-sediment samples were taken from active alluvium and composited from several sites or channels within a radius of about 10 m. Contamination is a potential problem due to the numerous prospects and mines in the region. In order to avoid contamination, sample sites were selected upstream from visible disturbance or mining.

Sample Preparation

The stream-sediment samples were air dried, then sieved to minus-60-mesh (0.25-mm) using a stainless steel sieve. The portion of the sediment that passed through the sieve was pulverized in a grinder with ceramic plates to a minus-100-mesh (0.15-mm) size for analysis.

Sample Analysis

Spectrographic method

All samples were analyzed for 31 elements using a semiquantitative, direct-current arc emission spectrographic method (Grimes and Marranzino, 1968). The elements analyzed and their lower limits of determination are listed in table 1. 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 Tonopah 1° x 2° quadrangle are listed in table 3.

Spectrographic results for arsenic, gold, tin, tungsten, bismuth, and cadmium were eliminated from table 3 as there were no detectable values by the emission spectrographic method.

Chemical Methods

Wet chemical methods were employed for certain elements of interest (arsenic, antimony, bismuth, cadmium, and zinc) that have high detection limits by the emission spectrographic method. These elements were determined by atomic absorption spectrophotometry. A summary of the method used, lower limits of determination, percent relative standard deviation, and references are summarized in table 2.

For the elements in table 2, the reporting values vary with the element and with the concentration level for each element. Precision for these methods is reported as a percent relative standard deviation (% RSD), and is based on replicate analysis of samples selected to provide information on varied geological matrices and different concentration levels. The precision for these methods tends to be lowest for elemental concentrations at or near its lower limit of determination.

As an example of interpreting these ranges, one might consider zinc whose range is shown at 0.9-3.4% RSD. This range indicates that a reported zinc value listed in table 3 should be within ±3.4% of the mean value for that sample. One reference sample was analyzed with every 30 field samples to monitor the precision of the analyses.

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 TABLE

Table 3 lists the analytical results for 251 minus-60-mesh stream-sediment samples from the eastern part of the Tonopah 1° x 2° quadrangle. The data are arranged so that column 1 contains the USGS-assigned sample numbers. These numbers correspond to the numbers shown on the sample site location map (plate 1). Columns in which the element headings show the letter "s" below the element symbol are emission spectrographic analyses; "aa" indicates atomic absorption analyses. A letter "N" in the table indicates that a given element was looked for but not detected at the lower limit of determination shown for that element in table 1. If an element was observed but was below the lowest reporting value, a "less than" symbol (<) was entered in the table 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 table in front of the upper limit of determination. Because of the formatting used in the computer program that produced table 3, 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 1.--Limits of determination for the spectrographic analysis of minus-60-mesh (0.25-mm) stream sediments, based on a 10-mg sample

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

Table 2.--Chemical methods used

[AA = atomic absorption; modification of Viets, 1978;
% RSD = percent relative standard deviation]

Element	Method	Determination limit (micrograms/ gram or ppm)	% RSD
Arsenic (As)	AA	5	1.6-6.4
Antimony (Sb)	AA	2	1.1-10
Zinc (Zn)	AA	5	0.9-3.4
Bismuth (Bi)	AA	1	0.0-3.4
Cadmium (Cd)	AA	0.1	0.9-9.8

Table 3. Analytical results for -60 mesh stream-sediment samples from the eastern part of the Tonopah 1 x 2 degree quadrangle, Nevada

[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	B-ppm s	Ba-ppm s	Be-ppm s
LC01S	38 27 14	116 7 55	5.0	.7	1.5	.30	1,000	N	20	500	1.0
LC02S	38 26 34	116 7 46	7.0	.5	1.0	.30	1,000	N	30	700	1.0
LC03S	38 25 47	116 7 43	5.0	.7	1.0	.20	1,000	N	50	1,000	2.0
LC04S	38 24 48	116 8 10	7.0	.7	1.5	.20	1,000	N	30	1,000	1.0
LC05S	38 24 47	116 8 8	3.0	.7	1.0	.20	700	N	30	1,000	1.0
LC06S	38 23 43	116 5 5	5.0	2.0	1.0	.30	1,000	N	50	700	1.0
LC07S	38 23 45	116 5 8	5.0	3.0	1.5	.20	1,000	N	20	700	1.0
LC08S	38 15 0	116 4 27	7.0	2.0	1.5	.30	1,500	N	30	1,000	1.0
LC09S	38 18 44	116 3 39	5.0	2.0	2.0	.30	1,000	N	30	1,000	1.0
LC10S	38 17 7	116 2 35	7.0	1.0	1.0	.20	1,000	N	20	700	2.0
LC11S	38 17 57	116 1 6	10.0	1.0	1.0	.30	1,000	N	20	500	1.5
LC12S	38 23 27	116 11 22	3.0	.7	1.0	.15	700	N	30	1,000	2.0
LC13S	38 25 54	116 10 0	7.0	1.0	1.5	.30	1,000	N	20	700	1.5
LC14S	38 26 27	116 9 34	5.0	1.0	1.5	.30	1,500	N	30	1,000	2.0
LC15S	38 27 43	116 8 59	5.0	1.0	1.5	.20	1,000	N	20	1,000	1.5
LC16SCD	38 27 27	116 9 20	7.0	1.0	1.0	.20	1,000	N	20	500	1.5
LC17SSD	38 27 26	116 9 19	5.0	1.0	2.0	.20	1,000	N	20	1,000	1.0
LC17SXD	38 27 26	116 9 19	5.0	1.0	1.0	.30	1,000	N	30	700	1.5
LC18S	38 24 7	116 7 14	7.0	2.0	1.5	.70	1,000	N	20	700	1.5
LC19S	38 22 9	116 5 33	10.0	2.0	1.0	.50	1,000	N	30	700	1.0
LC20S	38 21 15	116 6 26	10.0	1.5	1.5	.50	1,500	N	10	500	<1.0
LC21S	38 20 43	116 7 3	5.0	1.0	1.0	.20	1,000	N	20	1,000	1.0
LC22S	38 20 52	116 7 48	5.0	1.5	1.5	.20	1,000	N	20	700	1.0
LC23S	38 22 1	116 3 55	5.0	2.0	1.5	.50	1,500	N	20	700	1.0
LC24S	38 21 35	116 5 37	7.0	1.5	1.5	.30	1,000	N	50	500	1.0
LC25S	38 21 33	116 3 36	5.0	2.0	1.0	.30	1,000	N	30	700	1.0
LC26S	38 21 17	116 3 10	7.0	2.0	2.0	.50	1,000	N	20	700	1.0
LC27S	38 19 58	116 3 14	5.0	1.5	1.5	.30	1,000	N	30	700	1.0
LC28SCD	38 20 0	116 3 13	10.0	1.5	1.5	.50	1,500	N	10	300	1.0
LC29SSD	38 20 2	116 3 14	15.0	1.0	1.0	.50	1,500	N	N	500	<1.0
LC29SXD	38 20 2	116 3 14	15.0	1.5	3.0	.70	2,000	N	10	700	<1.0
LC30S	38 20 10	116 2 24	10.0	1.5	1.5	.50	1,500	N	30	700	1.0
LC31S	38 20 23	116 2 27	5.0	1.5	1.5	.20	700	N	50	1,000	1.0
LC32S	38 18 3	116 4 23	7.0	1.5	1.5	.50	1,000	N	50	1,000	2.0
LC33S	38 18 29	116 3 54	10.0	1.0	1.0	.70	1,000	N	20	500	1.5
LC34S	38 15 17	116 4 35	3.0	1.0	1.0	.20	1,000	N	70	700	3.0
LC35S	38 15 17	116 4 34	3.0	1.0	1.0	.20	1,000	N	50	700	2.0
LC36S	38 14 47	116 3 48	7.0	1.5	1.0	.30	1,000	N	30	1,000	1.5
LC37S	38 16 6	116 3 27	5.0	1.5	1.0	.30	1,000	N	50	1,000	1.5
LC38S	38 16 45	116 3 17	7.0	2.0	1.0	.50	1,500	N	20	700	1.0
LC39S	38 16 17	116 1 36	7.0	1.5	1.5	.30	1,000	N	50	1,000	1.5
LC40S	38 15 44	116 2 3	10.0	1.0	1.0	.50	1,500	N	10	500	1.5
LC41S	38 16 20	116 2 23	10.0	1.5	2.0	.50	1,500	N	10	500	1.0
LC42SCD	38 16 10	116 2 20	20.0	1.0	.7	1.00	2,000	N	N	300	N
LC43SSD	38 16 10	116 2 21	10.0	1.0	1.0	.50	1,500	N	15	700	<1.0

Table 3. Analytical results for -60 mesh stream-sediment samples from the eastern part of the Tonopah 1 x 2 degree quadrangle, Nevada--Continued

Sample	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sc-ppm s	Sr-ppm s
LC01S	15	30	5	50	N	N	<5	30	7	500
LC02S	20	30	5	500	N	N	5	20	10	500
LC03S	10	20	15	200	N	<20	7	30	10	500
LC04S	7	30	5	50	N	N	5	20	10	700
LC05S	7	15	5	50	N	N	<5	20	7	500
LC06S	30	70	20	30	N	N	100	30	10	500
LC07S	30	100	15	50	N	N	100	30	10	500
LC08S	50	100	30	50	N	20	100	30	15	500
LC09S	30	70	20	100	N	<20	50	30	15	700
LC10S	20	20	7	50	N	N	5	20	10	500
LC11S	30	50	5	100	N	N	5	20	7	500
LC12S	5	10	<5	30	N	N	<5	50	7	500
LC13S	15	30	<5	100	N	N	5	30	7	500
LC14S	30	50	10	70	N	<20	7	50	10	500
LC15S	10	30	5	150	N	N	5	50	10	500
LC16SCD	15	30	5	200	N	N	5	30	10	500
LC17SSD	10	50	<5	50	N	N	<5	50	10	500
LC17SXD	10	30	<5	200	N	N	5	20	10	500
LC18S	30	70	30	70	N	30	50	30	15	700
LC19S	20	70	30	100	N	20	70	30	10	500
LC20S	50	50	5	100	N	N	5	20	15	500
LC21S	20	20	10	50	N	N	5	30	10	700
LC22S	15	20	7	100	N	N	<5	30	10	700
LC23S	30	100	20	50	N	<20	70	50	15	500
LC24S	20	70	20	70	N	20	50	30	15	500
LC25S	30	100	20	70	N	<20	70	30	10	500
LC26S	30	100	20	50	N	<20	70	20	15	500
LC27S	15	70	15	50	N	<20	10	30	10	500
LC28SCD	20	30	<5	50	N	N	7	20	15	500
LC29SSD	50	70	<5	70	N	N	7	15	10	300
LC29SXD	70	50	5	70	N	N	10	20	15	700
LC30S	30	30	7	100	N	<20	7	20	20	500
LC31S	15	70	20	100	N	<20	50	30	10	500
LC32S	20	20	7	300	N	20	7	30	10	700
LC33S	50	30	7	70	N	20	7	20	15	500
LC34S	10	30	15	50	N	20	10	50	7	300
LC35S	7	20	15	50	N	N	7	30	10	500
LC36S	15	20	7	30	N	N	5	20	10	500
LC37S	10	20	10	50	N	20	5	30	10	500
LC38S	30	30	5	100	N	20	7	30	15	500
LC39S	20	20	7	70	N	N	5	30	15	700
LC40S	30	30	5	50	N	N	5	15	15	500
LC41S	20	30	5	30	N	N	<5	20	15	700
LC42SCD	50	100	5	70	N	N	10	10	10	300
LC43SSD	30	30	<5	50	N	N	5	20	15	500

Table 3. Analytical results for -60 mesh stream-sediment samples from the eastern part of the Tonopah 1 x 2 degree quadrangle, Nevada--Continued

Sample	V-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
LC01S	200	15	N	150	N	85	N	N	N
LC02S	300	20	<200	200	N	130	.1	N	N
LC03S	100	30	N	200	N	55	N	N	N
LC04S	100	20	N	300	N	50	N	N	N
LC05S	100	15	N	150	N	65	.1	N	N
LC06S	150	15	N	200	N	45	.2	N	N
LC07S	150	15	N	200	N	45	N	N	N
LC08S	150	20	N	200	N	50	.2	N	N
LC09S	150	20	N	500	N	40	N	N	N
LC10S	300	20	200	200	N	70	N	N	N
LC11S	300	20	300	300	N	50	N	N	N
LC12S	70	20	N	500	N	35	N	N	N
LC13S	300	20	N	100	N	95	N	N	N
LC14S	150	20	N	200	N	40	N	N	N
LC15S	200	20	N	200	N	40	N	N	N
LC16SCD	200	20	N	300	N	70	N	N	N
LC17SSD	200	20	N	300	N	40	N	N	N
LC17SXD	300	15	N	200	N	45	N	N	N
LC18S	200	20	N	300	N	55	.1	N	N
LC19S	150	20	N	200	N	50	N	N	N
LC20S	500	30	500	300	N	100	N	N	N
LC21S	200	20	N	200	N	40	N	N	N
LC22S	150	20	N	200	N	35	.1	N	N
LC23S	150	30	N	300	N	55	N	N	N
LC24S	150	20	N	200	N	50	.2	N	N
LC25S	100	20	N	200	N	60	N	N	N
LC26S	150	20	N	200	N	55	N	N	N
LC27S	100	20	N	200	N	55	N	N	N
LC28SCD	300	30	500	200	N	35	.1	N	N
LC29SSD	700	30	1,000	300	N	50	N	N	N
LC29SXD	700	30	1,000	300	N	55	N	N	N
LC30S	300	30	300	500	N	30	.1	N	N
LC31S	100	30	N	150	N	40	N	N	N
LC32S	150	30	N	300	N	45	N	N	N
LC33S	300	30	300	500	N	85	N	N	N
LC34S	70	20	N	200	N	45	.1	N	N
LC35S	100	20	N	150	N	55	.1	N	N
LC36S	200	20	<200	200	N	55	N	N	N
LC37S	100	20	N	300	<10	35	N	N	N
LC38S	200	30	300	300	N	60	N	N	N
LC39S	200	30	N	300	N	45	.1	N	N
LC40S	300	30	500	300	N	100	N	N	N
LC41S	500	20	300	500	N	80	N	N	N
LC42SCD	1,000	20	1,000	300	N	210	N	N	N
LC43SSD	500	30	500	500	N	200	N	N	N

Table 3. Analytical results for -60 mesh stream-sediment samples from the eastern part of the Tonopah 1 x 2 degree quadrangle, Nevada--Continued

Sample	Latitude	Longitude	Fe-pct.		Mg-pct.		Ca-pct.		Ti-pct.		Mn-ppm		Ag-ppm		B-ppm		Ba-ppm		Be-ppm	
				s		s		s		s		s		s		s		s		s
LC43SXD	38 16 10	116 2 21	20.0		1.0		1.0		.70		1,500		N		10		500		<1.0	
LC44S	38 28 11	116 8 19	3.0		.5		1.0		.20		700		N		20		1,000		1.0	
LC45S	38 22 58	116 8 16	15.0		1.0		1.0		.50		1,500		N		20		1,000		1.0	
LC46S	38 22 42	116 7 33	15.0		1.5		2.0		.70		2,000		N		10		1,000		1.0	
LC47S	38 16 34	116 4 45	5.0		1.5		1.5		.30		1,000		N		50		700		1.0	
LC48S	38 17 18	116 4 16	10.0		1.5		1.0		.70		1,000		N		15		500		1.0	
LC49SCD	38 17 18	116 4 13	7.0		1.5		1.5		.30		1,000		N		30		700		1.5	
LC50SSD	38 16 57	116 4 15	7.0		1.5		1.0		.30		1,000		N		30		700		1.5	
LC50SXD	38 16 57	116 4 15	7.0		1.5		1.0		.70		1,500		N		30		700		1.0	
LC51S	38 14 8	116 1 20	10.0		1.0		1.5		.50		1,500		N		20		700		1.5	
LC52S	38 13 32	116 2 24	3.0		1.0		1.5		.15		1,000		N		30		1,000		1.0	
LC53S	38 31 1	116 5 23	5.0		.7		1.0		.20		1,000		N		30		1,000		1.5	
LC54S	38 13 13	116 5 21	15.0		1.5		1.0		.50		1,500		N		N		700		<1.0	
LC55S	38 13 2	116 6 7	10.0		1.5		1.5		.50		1,500		N		20		700		1.0	
LC56S	38 12 42	116 6 30	7.0		1.5		1.5		.30		1,000		N		30		1,000		1.0	
LC57S	38 21 33	116 9 7	10.0		.7		.7		1.00		1,500		N		15		700		1.0	
LC58S	38 21 24	116 9 8	10.0		1.5		1.5		.50		1,000		N		20		500		1.0	
LC59S	38 19 14	116 7 55	5.0		1.5		1.5		.20		1,000		N		20		1,000		1.0	
LC60S	38 19 2	116 7 58	5.0		1.5		1.5		.20		1,000		N		30		700		1.0	
LC61S	38 19 2	116 7 48	7.0		1.0		1.5		.50		1,000		N		20		1,000		1.0	
LC62S	38 17 33	116 7 10	7.0		1.5		2.0		.30		1,000		N		20		700		1.0	
LC63S	38 17 8	116 5 49	7.0		.7		.7		.70		1,500		N		30		700		1.5	
LC64S	38 16 27	116 7 14	5.0		1.0		1.0		.20		1,500		N		50		700		1.5	
LC66S	38 18 19	116 0 10	3.0		1.0		1.5		.20		700		N		20		1,000		1.0	
LC67SCD	38 17 56	116 0 10	3.0		1.0		1.5		.15		500		N		30		1,000		2.0	
LC68SSD	38 17 56	116 0 10	5.0		1.0		1.5		.20		1,000		N		30		1,000		2.0	
LC68SXD	38 17 56	116 0 10	3.0		1.0		1.5		.20		700		N		20		700		1.0	
TW101S	38 21 42	116 0 54	7.0		1.5		1.0		.50		1,000		N		50		500		1.0	
TW102S	38 20 46	116 1 18	7.0		2.0		1.0		.30		1,000		N		50		700		1.0	
TW103S	38 21 5	116 0 4	5.0		1.0		1.5		.20		1,000		N		50		700		1.0	
TFS27A02	38 39 25	116 23 40	1.5		.5		1.0		.15		700		N		50		1,000		2.0	
TFS27A10	38 37 30	116 25 20	3.0		.7		1.5		.20		700		N		50		1,000		2.0	
TFS27B01	38 43 27	116 18 21	5.0		1.5		3.0		.20		700		<.5		100		1,500		1.0	
TFS27B03	38 44 54	116 16 38	5.0		1.5		2.0		.30		1,000		.5		100		2,000		2.0	
TFS27B07	38 40 8	116 18 21	5.0		1.0		1.5		.30		1,000		N		50		1,500		3.0	
TFS27B09	38 38 11	116 18 45	3.0		.7		.5		.30		700		N		200		1,000		2.0	
TFS27B11	38 38 15	116 19 27	5.0		1.0		2.0		.30		1,500		N		50		1,500		3.0	
TFS27B13	38 42 20	116 20 25	2.0		2.0		7.0		.20		700		N		50		700		2.0	
TFS27B15	38 39 40	116 15 32	3.0		.7		.7		.30		2,000		N		100		1,000		2.0	
TFS27C03	38 34 5	116 18 35	3.0		1.0		3.0		.20		1,000		N		100		1,000		2.0	
TFS27C04	38 34 10	116 18 20	3.0		.7		.7		.30		1,000		N		50		1,000		2.0	
TFS27C06	38 35 5	116 19 15	2.0		.7		15.0		.20		700		N		50		1,000		1.5	
TFS27C07	38 35 5	116 19 30	3.0		.7		2.0		.30		1,000		N		50		1,500		2.0	
TFS27C12	38 37 25	116 20 25	3.0		.7		2.0		.30		1,000		N		30		1,500		1.5	
TFS27C14	38 36 20	116 19 35	3.0		.2		.5		.20		1,000		N		50		700		2.0	

Table 3. Analytical results for -60 mesh stream-sediment samples from the eastern part of the Tonopah 1 x 2 degree quadrangle, Nevada--Continued

Sample	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sc-ppm s	Sr-ppm s
LC43SXD	50	70	<5	200	N	N	5	15	10	300
LC44S	10	10	<5	50	N	N	<5	20	7	500
LC45S	15	30	5	200	N	N	<5	20	15	500
LC46S	15	50	5	500	N	N	5	50	10	500
LC47S	15	15	<5	50	N	<20	5	20	20	700
LC48S	30	15	5	70	N	<20	5	20	15	500
LC49SCD	15	20	7	70	N	N	5	30	10	700
LC50SSD	20	20	5	70	N	<20	5	20	15	500
LC50SXD	20	20	5	50	N	<20	5	20	15	500
LC51S	20	50	5	70	N	<20	<5	30	15	500
LC52S	7	20	<5	70	N	N	<5	30	10	500
LC53S	7	15	5	100	N	N	<5	20	10	500
LC54S	30	50	<5	70	N	N	<5	20	10	500
LC55S	30	20	<5	500	N	<20	<5	20	20	500
LC56S	20	20	7	100	N	<20	5	30	15	500
LC57S	30	20	<5	100	N	20	<5	20	10	300
LC58S	50	30	10	100	N	<20	5	20	15	500
LC59S	10	15	5	30	N	N	5	30	15	700
LC60S	20	20	10	50	N	N	7	30	15	500
LC61S	10	30	5	150	N	N	<5	30	10	500
LC62S	20	20	7	100	N	N	5	20	10	700
LC63S	20	30	5	200	N	<20	5	50	15	300
LC64S	10	15	5	50	N	<20	<5	50	10	500
LC66S	7	10	<5	30	N	N	<5	30	7	500
LC67SCD	5	20	<5	70	N	N	<5	15	7	500
LC68SSD	10	15	5	70	N	N	<5	30	10	500
LC68SXD	7	15	<5	50	N	N	<5	30	7	700
TW101S	30	50	20	200	N	<20	70	20	10	300
TW102S	30	100	20	30	N	20	100	30	10	500
TW103S	10	20	10	70	N	N	<5	50	7	500
TFS27A02	5	10	<5	70	N	N	<5	30	5	500
TFS27A10	7	10	<5	100	N	<20	<5	30	5	500
TFS27B01	10	50	30	20	5	N	20	20	7	500
TFS27B03	15	70	50	100	10	N	30	30	15	500
TFS27B07	7	20	7	70	N	20	<5	50	10	500
TFS27B09	7	30	15	70	7	<20	7	30	7	200
TFS27B11	7	20	10	150	N	<20	5	50	10	500
TFS27B13	7	30	15	100	N	N	15	30	10	300
TFS27B15	7	20	10	50	N	N	<5	50	7	200
TFS27C03	10	20	20	70	N	<20	7	50	7	300
TFS27C04	10	15	20	100	N	20	5	50	7	300
TFS27C06	7	10	5	70	N	<20	<5	30	7	700
TFS27C07	7	15	<5	100	N	N	<5	50	7	500
TFS27C12	7	10	<5	500	N	N	<5	30	10	500
TFS27C14	7	15	<5	50	N	N	<5	20	7	200

Table 3. Analytical results for -60 mesh stream-sediment samples from the eastern part of the Tonopah 1 x 2 degree quadrangle, Nevada--Continued

Sample	V-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
LC43SXD	500	30	700	200	N	200	N	N	N
LC44S	100	20	N	200	N	65	N	N	N
LC45S	200	30	300	500	<10	80	N	N	N
LC46S	200	50	500	500	N	55	N	N	N
LC47S	100	20	N	200	N	35	.1	N	N
LC48S	300	20	500	100	N	180	.1	N	N
LC49SCD	100	30	N	300	N	30	N	N	N
LC50SSD	150	20	200	300	N	60	N	N	N
LC50SXD	200	20	200	200	N	55	N	N	N
LC51S	300	30	300	300	N	150	N	N	N
LC52S	100	30	N	700	N	40	N	N	N
LC53S	100	20	N	200	N	70	.1	N	N
LC54S	500	20	500	300	N	200	N	N	N
LC55S	500	50	500	500	N	200	.1	N	N
LC56S	200	30	200	300	N	130	N	N	N
LC57S	200	30	700	1,000	N	230	N	N	N
LC58S	300	30	300	700	N	65	N	N	N
LC59S	150	20	N	200	N	35	N	N	N
LC60S	100	30	N	200	N	35	N	N	N
LC61S	200	20	200	200	N	80	N	N	N
LC62S	200	20	N	200	N	30	N	N	N
LC63S	200	30	300	300	N	190	N	N	N
LC64S	150	20	N	300	N	50	N	N	N
LC66S	100	20	N	200	N	50	N	N	N
LC67SCD	50	15	N	100	N	15	N	N	N
LC68SSD	100	20	N	200	10	25	N	N	N
LC68SXD	100	15	N	100	N	25	N	N	N
TW101S	200	30	N	300	N	75	N	N	N
TW102S	150	20	N	150	N	60	.1	N	N
TW103S	150	20	N	500	N	70	N	N	N
TFS27A02	50	15	N	200	5	20	.1	N	N
TFS27A10	70	20	N	150	5	35	.1	N	N
TFS27B01	150	20	N	700	10	45	.1	N	N
TFS27B03	150	30	N	150	20	80	.7	N	N
TFS27B07	70	50	N	300	<5	50	.1	N	N
TFS27B09	150	30	N	500	25	80	.2	1	<2
TFS27B11	100	50	N	700	5	80	.2	N	<2
TFS27B13	100	30	N	200	20	80	.4	N	4
TFS27B15	70	20	N	300	30	120	.7	1	<2
TFS27C03	100	30	N	150	15	55	.2	N	<2
TFS27C04	100	30	N	700	10	60	.2	N	N
TFS27C06	70	20	N	300	10	40	.1	1	N
TFS27C07	70	20	N	200	<5	50	.1	N	<2
TFS27C12	70	30	N	1,000	N	35	.1	N	2
TFS27C14	100	15	N	1,000	10	55	.1	N	<2

Table 3. Analytical results for -60 mesh stream-sediment samples from the eastern part of the Tonopah 1 x 2 degree quadrangle, Nevada--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
TFS27C15	38 35 45	116 16 5	3.0	1.5	5.0	.30	1,000	.5	100	1,500	5.0
TFS27C18	38 33 55	116 21 20	2.0	.7	7.0	.20	700	N	50	1,000	1.5
TFS27C30	38 34 35	116 16 45	5.0	1.0	2.0	.30	700	N	70	1,000	2.0
TFS27C32	38 39 0	116 21 55	3.0	5.0	7.0	.15	700	N	100	500	1.5
TFS27C38	38 35 1	116 16 2	7.0	.7	1.0	.50	1,000	N	20	1,500	2.0
TFS27D01	38 36 55	116 24 12	5.0	.5	2.0	.50	1,000	N	30	1,000	1.5
TFS27D02	38 36 52	116 24 18	10.0	.5	1.5	1.00	150	N	20	1,000	2.0
TFS27D03	38 37 19	116 24 55	5.0	.5	2.0	.50	1,000	N	30	1,500	2.0
TFS27D04	38 32 18	116 25 56	2.0	1.5	5.0	.15	700	N	100	1,000	2.0
TFS27D06	38 32 43	116 26 36	2.0	2.0	3.0	.15	1,000	.5	50	1,000	2.0
TFS27D08	38 32 56	116 26 45	2.0	.7	1.5	.30	1,000	N	50	1,000	1.5
TFS27D10	38 33 21	116 26 50	5.0	.3	1.0	.30	1,000	N	30	1,000	2.0
TFS28A02	38 39 18	116 14 49	3.0	.5	.7	.20	700	N	70	700	2.0
TFS28A04	38 40 34	116 9 51	5.0	.7	1.5	.20	1,000	N	50	1,500	1.5
TFS28A06	38 40 15	116 9 45	3.0	.7	1.5	.20	1,000	N	50	1,500	3.0
TFS28A08	38 39 44	116 9 23	5.0	1.5	3.0	.30	1,500	N	50	1,500	2.0
TFS28A10	38 39 9	116 9 11	2.0	.7	2.0	.30	1,000	N	50	1,500	2.0
TFS28A12	38 39 3	116 9 12	3.0	.7	1.5	.20	1,000	N	30	1,000	2.0
TFS28A14	38 41 58	116 12 32	3.0	1.0	1.5	.15	1,000	N	70	1,500	2.0
TFS28A16	38 42 24	116 12 54	1.5	.7	1.0	.15	700	N	50	700	2.0
TFS28A18	38 41 17	116 14 47	3.0	1.0	2.0	.20	1,000	N	70	1,500	2.0
TFS28A19	38 43 48	116 11 52	2.0	.7	1.5	.15	700	N	30	1,000	2.0
TFS28A20	38 44 53	116 12 25	3.0	2.0	2.0	.20	1,000	N	70	1,000	2.0
TFS26A30	38 37 56	116 14 26	3.0	.7	1.5	.30	700	N	70	1,000	1.5
TFS28A32	38 37 38	116 14 22	5.0	1.0	1.0	.50	1,000	N	100	1,500	1.5
TFS28A34	38 38 52	116 14 46	3.0	.5	2.0	.30	700	N	100	1,000	2.0
TFS28A36	38 38 14	116 13 58	5.0	.7	1.0	.30	700	N	100	1,000	2.0
TFS28B01	38 40 8	116 4 22	3.0	.7	2.0	.20	1,000	N	30	1,000	2.0
TFS28B04	38 41 8	116 4 45	3.0	.7	2.0	.20	700	N	30	1,000	2.0
TFS28B05	38 43 15	116 3 56	5.0	1.0	2.0	.30	700	N	30	1,500	3.0
TFS28B06	38 44 3	116 3 54	2.0	.5	1.5	.20	700	N	30	1,000	2.0
TFS28B07	38 44 29	116 4 58	3.0	.7	1.5	.20	700	N	100	1,000	2.0
TFS28B08	38 44 23	116 4 38	3.0	1.0	3.0	.30	1,000	N	70	1,000	1.5
TFS28D02	38 36 54	116 14 52	5.0	.7	.7	.30	700	N	70	1,000	2.0
TFS28D03	38 32 39	116 7 32	3.0	.7	1.5	.20	700	N	30	700	2.0
TFS28D04	38 37 27	116 13 42	3.0	1.5	1.5	.30	1,000	N	100	1,000	2.0
TFS35C01	38 15 25	116 50 48	3.0	.7	1.5	.20	1,000	N	50	1,000	2.0
TFS35C12	38 15 10	116 50 40	2.0	.5	1.0	.20	1,000	N	50	1,000	3.0
TFS35D11	38 16 20	116 53 20	3.0	.5	1.0	.20	1,000	N	30	1,000	2.0
TFS45A01	38 11 10	116 53 5	3.0	1.0	2.0	.30	1,000	N	50	1,500	2.0
TFS45B01	38 10 15	116 52 5	3.0	.7	1.5	.30	1,000	N	50	1,500	2.0
TFS45B02	38 12 50	116 49 35	2.0	.7	1.0	.20	700	N	30	1,000	1.5
TFS45D01	38 4 10	116 57 0	3.0	1.0	1.0	.20	1,000	N	50	1,500	3.0
TFS45D03	38 6 10	116 52 45	2.0	.7	1.5	.20	700	N	50	1,000	1.5
TFS46A02	38 13 10	116 42 0	3.0	.7	1.0	.30	700	N	50	1,500	2.0

Table 3. Analytical results for -60 mesh stream-sediment samples from the eastern part of the Tonopah 1 x 2 degree quadrangle, Nevada--Continued

Sample	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sc-ppm s	Sr-ppm s
TFS27C15	10	15	10	100	N	N	7	100	10	700
TFS27C18	5	10	5	70	N	N	<5	30	7	500
TFS27C30	10	20	10	100	N	N	5	50	10	500
TFS27C32	10	30	15	50	N	N	10	30	10	200
TFS27C38	15	20	7	150	N	N	<5	30	10	500
TFS27D01	7	30	5	500	N	N	<5	30	10	500
TFS27D02	20	30	<5	500	N	20	5	30	15	500
TFS27D03	10	30	<5	500	N	<20	<5	50	7	700
TFS27D04	7	20	15	100	N	N	10	50	7	200
TFS27D06	7	20	10	100	N	N	7	30	5	200
TFS27D08	7	20	10	70	N	20	5	30	7	300
TFS27D10	10	20	<5	200	N	N	<5	20	7	300
TFS28A02	7	10	5	70	N	N	<5	30	10	200
TFS28A04	10	30	5	200	N	N	<5	30	10	500
TFS28A06	7	15	<5	70	N	N	<5	30	7	500
TFS28A08	7	20	5	200	N	N	<5	50	10	500
TFS28A10	7	20	5	100	N	<20	<5	30	10	500
TFS28A12	7	20	<5	500	N	N	<5	30	10	700
TFS28A14	7	50	20	150	N	N	7	50	10	500
TFS28A16	7	20	10	50	N	N	5	20	7	300
TFS28A18	10	30	10	100	N	N	5	50	10	500
TFS28A19	7	20	5	70	N	N	5	20	10	500
TFS28A20	15	30	15	100	7	N	20	30	10	300
TFS28A30	7	20	10	70	N	<20	<5	30	10	300
TFS28A32	10	20	10	100	N	<20	<5	30	10	300
TFS28A34	10	15	7	100	N	N	<5	20	7	300
TFS28A36	10	15	10	70	N	N	5	30	10	300
TFS28B01	7	15	<5	200	N	N	<5	30	7	500
TFS28B04	7	10	<5	70	N	N	<5	20	7	500
TFS28B05	10	15	5	100	N	N	<5	30	10	500
TFS28B06	7	<10	<5	100	N	N	<5	20	7	500
TFS28B07	10	50	20	70	N	N	20	20	10	300
TFS28B08	10	30	20	200	N	N	10	50	7	700
TFS28D02	10	15	7	150	N	N	7	30	10	300
TFS28D03	7	15	<5	100	N	N	<5	20	7	500
TFS28D04	10	30	20	100	N	N	7	100	10	300
TFS35C01	10	30	10	150	N	N	7	30	10	500
TFS35C12	7	20	7	100	N	N	5	20	7	500
TFS35D11	10	30	15	70	N	N	5	30	7	500
TFS45A01	10	30	10	100	5	<20	7	50	10	500
TFS45B01	10	30	10	150	N	N	7	20	10	500
TFS45B02	7	20	5	70	N	N	5	30	7	1,000
TFS45D01	10	30	5	70	N	N	10	30	10	500
TFS45D03	7	30	5	70	N	N	<5	30	7	500
TFS46A02	7	20	5	100	N	<20	20	30	7	1,000

Table 3. Analytical results for -60 mesh stream-sediment samples from the eastern part of the Tonopah 1 x 2 degree quadrangle, Nevada--Continued

Sample	V-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
TFS27C15	150	20	N	200	10	90	.3	N	<2
TFS27C18	70	20	N	200	N	30	N	N	<2
TFS27C30	150	20	N	300	10	60	N	<1	N
TFS27C32	70	20	N	150	20	50	.1	N	2
TFS27C38	200	20	N	200	5	85	.1	1	N
TFS27D01	150	50	N	1,000	N	60	.1	N	<2
TFS27D02	300	30	300	1,000	N	1,500	<.1	1	<2
TFS27D03	200	20	N	700	N	60	N	N	<2
TFS27D04	100	30	N	200	740	55	.2	N	4
TFS27D06	70	20	N	200	80	45	.1	N	18
TFS27D08	100	30	N	300	40	45	.1	1	3
TFS27D10	150	30	N	500	5	100	N	N	N
TFS28A02	100	20	N	>1,000	45	100	.4	N	2
TFS28A04	150	30	N	500	N	30	N	N	N
TFS28A06	70	20	N	200	N	35	N	N	<2
TFS28A08	100	30	N	300	N	40	N	N	N
TFS28A10	70	30	N	200	5	30	.1	N	N
TFS28A12	100	30	N	200	5	50	N	N	N
TFS28A14	100	30	N	200	<5	50	N	N	<2
TFS28A16	70	20	N	200	5	60	.1	N	<2
TFS28A18	100	30	N	300	<5	25	.2	N	N
TFS28A19	100	15	N	150	10	75	.2	N	<2
TFS28A20	100	20	N	500	10	45	.7	N	3
TFS28A30	100	20	N	300	10	75	.2	N	<2
TFS28A32	150	30	N	500	5	70	.1	N	<2
TFS28A34	100	20	N	200	<5	50	.2	N	N
TFS28A36	150	20	N	200	5	70	.1	N	<2
TFS28B01	70	30	N	1,000	<5	35	N	N	<2
TFS28B04	100	20	N	200	5	50	N	N	<2
TFS28B05	100	20	N	300	N	50	N	N	<2
TFS28B06	70	15	N	150	5	50	N	N	N
TFS28B07	150	20	N	300	5	90	.1	N	2
TFS28B08	150	20	N	200	15	70	.2	N	<2
TFS28D02	100	20	N	300	5	65	.1	N	N
TFS28D03	100	15	N	200	5	35	.2	N	N
TFS28D04	100	20	N	300	10	75	.1	N	N
TFS35C01	100	30	N	150	N	25	.2	N	<2
TFS35C12	70	20	N	300	N	65	.2	N	<2
TFS35D11	100	20	N	200	N	65	.1	N	N
TFS45A01	100	20	N	300	5	20	.2	N	N
TFS45B01	100	20	N	200	5	35	.1	N	<2
TFS45B02	70	20	N	200	5	25	N	N	<2
TFS45D01	100	20	N	200	5	35	.1	N	<2
TFS45D03	70	20	N	500	<5	15	.1	N	N
TFS46A02	70	20	N	300	5	20	N	N	N

Table 3. Analytical results for -60 mesh stream-sediment samples from the eastern part of the Tonopah 1 x 2 degree quadrangle, Nevada--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
TFS46A04	38 9 25	116 42 5	5.0	1.0	1.5	.30	1,000	N	30	1,500	1.0
TFS46B02	38 12 35	116 31 0	5.0	1.5	5.0	.30	1,000	N	30	3,000	1.0
TFS46D01	38 6 35	116 43 15	5.0	1.0	1.0	.30	700	N	70	1,500	2.0
TFS48A02	38 11 53	116 11 1	2.0	.7	1.5	.15	1,000	N	30	1,000	2.0
TFS48A04	38 10 32	116 8 52	5.0	1.5	1.5	.20	1,000	N	50	1,000	2.0
TFS48A06	38 10 23	116 14 50	7.0	3.0	7.0	1.00	1,500	N	20	1,500	1.0
TFS48A08	38 9 28	116 14 28	7.0	2.0	2.0	.50	1,500	N	30	1,000	1.0
TFS48A10	38 8 47	116 14 40	3.0	.7	2.0	.20	700	N	30	700	2.0
TFS48A12	38 8 21	116 15 0	5.0	1.5	5.0	.50	1,000	N	30	1,000	1.5
TFS48C01	38 6 31	116 5 50	5.0	1.5	2.0	.50	1,000	N	30	1,000	2.0
TFS48C03	38 6 0	116 7 10	5.0	2.0	1.5	.70	1,500	N	30	1,000	1.5
TFS48C04	38 2 57	116 7 11	5.0	2.0	2.0	.30	1,000	.7	50	1,000	2.0
TFS48C06	38 3 49	116 5 50	5.0	1.5	1.5	.50	700	N	30	1,000	1.5
TFS48C08	38 1 45	116 6 8	3.0	1.0	1.0	.20	1,000	N	50	700	2.0
TFS48D02	38 2 43	116 9 26	5.0	2.0	3.0	.30	700	N	30	700	1.5
TFS48D04	38 6 52	116 14 57	7.0	2.0	7.0	.50	1,500	N	20	1,500	1.0
TFS48D06	38 1 24	116 13 50	5.0	1.5	2.0	.30	700	.5	30	1,000	1.5
TFS48D08	38 0 10	116 11 58	3.0	3.0	10.0	.15	500	10.0	30	300	1.0
TFS48D10	38 3 25	116 14 58	7.0	2.0	3.0	.50	1,000	N	30	1,000	2.0
TGS27A06	38 39 38	116 22 28	7.0	.7	1.0	.50	1,500	1.0	30	1,000	1.5
TGS27A07	38 40 10	116 23 50	2.0	.7	1.0	.20	1,000	N	70	1,000	3.0
TGS27B17	38 39 30	116 22 12	3.0	.7	1.5	.20	700	N	50	1,000	2.0
TGS27B19	38 39 24	116 22 15	2.0	1.0	5.0	.50	1,000	N	10	1,500	<1.0
TGS28D06	38 31 54	116 9 42	3.0	.5	1.0	.20	1,000	N	50	1,000	3.0
TGS38A01	38 29 56	116 9 45	2.0	.5	1.0	.20	1,000	N	20	1,500	1.5
TGS48A16	38 9 0	116 8 9	3.0	1.0	1.0	.20	1,000	N	50	1,000	1.5
TNS01504	38 44 26	116 22 12	2.0	5.0	7.0	.20	1,000	N	70	5,000	3.0
TNS01512	38 43 18	116 20 10	1.5	10.0	15.0	.15	1,000	N	70	>5,000	1.5
TNS01513	38 43 20	116 20 14	2.0	7.0	10.0	.20	1,000	N	100	1,500	3.0
TNS01514	38 40 54	116 21 15	2.0	.5	1.5	.20	1,000	N	100	1,500	5.0
TNS01515	38 41 12	116 21 38	3.0	.7	2.0	.30	1,000	N	100	2,000	3.0
TNS01518	38 42 33	116 19 12	1.5	5.0	7.0	.15	1,000	N	100	1,500	3.0
TNS01531	38 38 18	116 18 39	5.0	1.0	10.0	.30	700	N	150	1,500	2.0
TNS01532	38 38 25	116 18 35	5.0	.7	1.0	.50	1,000	N	200	1,500	5.0
TNS01533	38 38 8	116 19 5	3.0	.5	1.5	.30	1,500	N	30	2,000	5.0
TNS01534	38 37 10	116 19 20	3.0	.7	1.0	.30	1,000	N	200	1,500	5.0
TNS01535	38 36 35	116 19 20	5.0	.7	1.5	.50	1,000	N	200	1,500	3.0
TNS01536	38 37 0	116 21 45	2.0	.5	1.5	.20	1,000	N	70	2,000	3.0
TNS01537	38 36 25	116 20 45	3.0	.5	1.5	.20	1,000	N	70	2,000	3.0
TNS01538	38 36 10	116 19 50	2.0	.5	1.0	.20	1,000	N	70	2,000	3.0
TNS01542	38 34 5	116 20 35	5.0	1.0	1.5	.30	1,500	N	100	2,000	3.0
TNS01543	38 34 5	116 20 43	3.0	.7	3.0	.20	1,000	N	50	2,000	3.0
TNS01544	38 32 10	116 21 5	3.0	1.0	2.0	.30	1,500	.7	100	1,500	5.0
TNS01548	38 39 23	116 15 16	2.0	.5	1.0	.30	1,500	N	200	1,000	3.0
TNS01574	38 41 54	116 18 57	2.0	10.0	15.0	.15	1,000	N	50	700	2.0

Table 3. Analytical results for -60 mesh stream-sediment samples from the eastern part of the Tonopah 1 x 2 degree quadrangle, Nevada--Continued

Sample	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sc-ppm s	Sr-ppm s
TFS46A04	10	50	5	100	N	<20	7	30	7	1,500
TFS46B02	7	30	7	200	N	<20	7	50	15	1,000
TFS46D01	10	30	7	100	N	N	5	30	10	1,000
TFS48A02	7	20	5	70	N	N	5	20	7	500
TFS48A04	10	50	15	100	N	<20	5	50	10	500
TFS48A06	30	70	15	100	N	20	30	30	20	1,000
TFS48A08	50	70	30	150	N	20	50	30	20	500
TFS48A10	10	30	5	70	N	<20	30	20	7	500
TFS48A12	20	70	10	100	N	<20	30	20	10	700
TFS48C01	20	50	15	50	N	20	20	20	10	500
TFS48C03	30	70	20	100	N	20	30	30	15	700
TFS48C04	10	30	15	70	N	N	7	30	10	500
TFS48C06	20	50	20	70	N	<20	50	20	10	500
TFS48C08	7	20	10	70	N	N	20	30	7	300
TFS48D02	10	15	7	70	7	N	10	30	10	300
TFS48D04	30	70	20	100	N	20	30	50	15	1,000
TFS48D06	10	30	5	150	N	N	<5	30	10	700
TFS48D08	7	20	20	50	N	N	7	10,000	5	200
TFS48D10	30	50	20	200	10	20	30	50	15	700
TGS27A06	15	50	5	200	N	<20	5	50	10	500
TGS27A07	7	20	10	70	N	<20	5	30	7	500
TGS27B17	7	20	10	100	N	N	5	30	7	700
TGS27B19	7	20	<5	200	N	N	<5	50	10	1,000
TGS28D06	7	15	10	70	5	N	10	50	5	500
TGS38A01	5	20	<5	150	N	N	7	30	7	700
TGS48A16	7	20	10	100	N	<20	<5	30	7	500
TNS01504	7	30	10	100	5	N	20	50	7	500
TNS01512	10	70	15	30	N	N	20	50	7	300
TNS01513	5	50	7	300	N	N	15	50	7	500
TNS01514	7	15	7	70	N	<20	<5	30	7	500
TNS01515	7	20	5	200	N	<20	<5	50	7	700
TNS01518	5	50	10	150	N	N	10	50	5	700
TNS01531	10	20	7	50	N	N	<5	30	7	700
TNS01532	7	20	7	70	N	<20	<5	70	7	300
TNS01533	5	10	<5	>1,000	N	N	N	50	5	700
TNS01534	5	70	7	50	N	20	<5	50	5	300
TNS01535	7	15	<5	50	N	30	<5	30	7	500
TNS01536	5	15	5	300	N	N	<5	30	5	500
TNS01537	5	15	5	100	N	N	<5	30	5	500
TNS01538	5	10	5	50	N	<20	<5	30	<5	500
TNS01542	7	30	10	500	N	N	5	50	7	500
TNS01543	5	15	5	100	N	<20	<5	30	5	700
TNS01544	10	20	7	70	N	<20	5	50	7	500
TNS01548	5	15	5	30	N	N	<5	30	5	200
TNS01574	10	70	20	20	20	N	N	70	5	200

Table 3. Analytical results for -60 mesh stream-sediment samples from the eastern part of the Tonopah 1 x 2 degree quadrangle, Nevada--Continued

Sample	V-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
TFS46A04	100	20	N	500	5	50	N	N	<2
TFS46B02	100	30	N	500	<5	75	.4	N	N
TFS46D01	100	20	N	200	5	30	N	N	N
TFS48A02	70	20	N	200	10	35	.1	N	N
TFS48A04	100	30	N	200	10	40	.2	N	N
TFS48A06	150	50	N	200	5	50	N	N	<2
TFS48A08	150	20	N	300	5	55	.1	N	<2
TFS48A10	100	20	N	200	15	30	.1	N	3
TFS48A12	100	30	N	200	5	40	N	N	<2
TFS48C01	150	30	N	200	5	30	.1	N	N
TFS48C03	100	30	N	300	<5	30	N	N	N
TFS48C04	100	20	N	150	10	25	.1	N	N
TFS48C06	100	30	N	300	5	110	.1	N	<2
TFS48C08	70	30	N	200	5	30	N	1	N
TFS48D02	100	20	N	500	10	40	.2	N	N
TFS48D04	150	50	N	200	5	50	N	N	<2
TFS48D06	200	20	N	200	10	65	.1	N	2
TFS48D08	70	20	N	200	75	70	.4	N	54
TFS48D10	150	30	N	300	5	45	.2	N	<2
TGS27A06	200	30	200	300	<5	180	N	N	<2
TGS27A07	70	20	N	500	5	30	N	<1	<2
TGS27B17	70	20	N	200	5	25	N	N	2
TGS27B19	70	20	N	200	5	35	N	<1	<2
TGS28D06	70	20	N	700	5	30	N	<1	<2
TGS38A01	100	15	N	500	10	30	N	N	2
TGS48A16	100	20	N	500	<5	35	N	N	<2
TNS01504	100	20	N	200	10	50	.4	1	2
TNS01512	100	10	N	70	15	85	.1	N	<2
TNS01513	70	20	N	700	15	65	N	N	4
TNS01514	50	20	N	500	N	45	N	1	<2
TNS01515	70	30	N	200	N	40	.1	N	N
TNS01518	70	20	N	100	15	35	N	N	4
TNS01531	100	20	N	200	5	55	N	N	N
TNS01532	100	20	N	200	5	50	N	2	<2
TNS01533	50	50	N	>1,000	N	40	N	N	<2
TNS01534	70	20	N	500	10	55	N	<1	<2
TNS01535	100	20	N	300	10	60	N	1	N
TNS01536	50	20	N	1,000	N	30	N	N	N
TNS01537	50	15	N	700	N	30	N	N	N
TNS01538	50	20	N	500	N	30	N	<1	N
TNS01542	70	30	N	700	N	60	.1	1	<2
TNS01543	50	20	N	300	N	35	N	N	N
TNS01544	70	20	N	150	N	40	.1	1	<2
TNS01548	50	20	N	200	40	55	.1	1	2
TNS01574	70	20	N	70	20	55	.5	N	7

Table 3. Analytical results for -60 mesh stream-sediment samples from the eastern part of the Tonopah 1 x 2 degree quadrangle, Nevada--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
TNS01582	38 40 27	116 16 37	3.0	2.0	7.0	.30	2,000	N	150	1,500	5.0
TNS01596	38 42 20	116 20 20	2.0	3.0	5.0	.50	1,000	N	50	1,000	3.0
TNS01619	38 32 35	116 21 15	2.0	1.5	5.0	.20	700	N	100	1,500	2.0
TSS27A01	38 38 45	116 25 27	10.0	1.0	3.0	1.00	5,000	N	10	1,500	<1.0
TSS27A03	38 39 20	116 23 45	5.0	.7	2.0	.50	1,500	N	50	1,000	2.0
TSS27A05	38 40 45	116 23 50	2.0	.5	.5	.20	500	N	150	1,000	1.5
TSS27A09	38 42 45	116 22 48	2.0	1.0	1.0	.30	500	N	50	1,000	1.0
TSS27A10	38 43 5	116 22 45	2.0	5.0	7.0	.15	700	N	70	700	1.0
TSS27A11	38 43 22	116 22 30	2.0	5.0	7.0	.15	700	N	100	1,500	1.5
TSS27A12	38 43 50	116 22 48	2.0	7.0	10.0	.15	700	N	70	3,000	1.0
TSS27B02	38 43 52	116 18 2	1.5	.3	1.0	.10	300	N	70	1,500	1.0
TSS27B04	38 43 3	116 18 17	1.0	10.0	10.0	.07	500	N	30	300	1.0
TSS27B05	38 43 24	116 16 35	2.0	5.0	5.0	.15	500	N	30	700	1.5
TSS27B06	38 41 32	116 18 3	3.0	5.0	7.0	.20	1,000	N	50	700	2.0
TSS27B08	38 39 5	116 18 37	2.0	.5	1.5	.20	1,000	N	30	700	2.0
TSS27B10	38 38 12	116 19 33	3.0	.5	1.0	.20	1,000	N	30	1,000	3.0
TSS27B12	38 42 7	116 19 50	2.0	5.0	7.0	.15	700	N	70	300	2.0
TSS27C05	38 34 40	116 19 0	3.0	.7	.7	.20	1,000	N	100	1,000	2.0
TSS27C09	38 35 35	116 19 25	3.0	.7	1.5	.30	1,000	N	100	1,000	2.0
TSS27C10	38 35 35	116 19 45	3.0	1.0	1.0	.20	1,500	N	30	2,000	2.0
TSS27C11	38 37 25	116 20 30	3.0	.5	1.0	.15	1,000	N	20	1,000	2.0
TSS27C13	38 36 38	116 19 52	1.5	.5	1.0	.15	700	N	30	700	2.0
TSS27C16	38 35 45	116 15 55	3.0	1.0	1.0	.30	1,000	.5	50	1,000	5.0
TSS27C17	38 33 5	116 19 45	2.0	.5	10.0	.20	700	N	15	1,000	1.0
TSS27C19	38 35 15	116 21 55	5.0	1.0	1.5	.30	1,000	N	30	1,500	1.5
TSS27C20	38 35 25	116 22 5	3.0	.5	1.5	.20	1,000	N	20	1,000	2.0
TSS27C21	38 35 30	116 22 30	5.0	.7	1.5	.50	1,000	N	20	1,000	1.5
TSS27C22	38 35 35	116 22 30	5.0	.7	1.5	.30	1,000	N	20	1,000	1.5
TSS27C31	38 34 15	116 16 55	5.0	1.0	3.0	.30	1,000	N	50	1,500	1.5
TSS27D05	38 32 1	116 24 33	3.0	1.5	5.0	.20	700	N	100	1,500	2.0
TSS27D07	38 31 28	116 27 22	5.0	.5	2.0	.50	1,000	5.0	30	1,500	2.0
TSS27D09	38 31 31	116 27 20	3.0	.7	1.0	.20	1,000	N	70	1,000	2.0
TSS28A01	38 39 16	116 14 50	2.0	.3	.5	.20	700	N	70	500	1.5
TSS28A03	38 42 17	116 8 32	2.0	1.0	5.0	.15	1,000	N	30	1,000	2.0
TSS28A05	38 42 10	116 8 39	2.0	.5	1.0	.15	700	N	30	700	2.0
TSS28A07	38 42 55	116 9 57	2.0	.3	1.0	.15	500	N	20	700	2.0
TSS28A09	38 43 19	116 10 3	5.0	1.5	3.0	.20	1,000	N	20	1,500	1.0
TSS28A11	38 43 43	116 10 53	3.0	.7	1.0	.20	1,000	N	50	1,000	1.5
TSS28A13	38 44 50	116 11 48	3.0	.7	2.0	.50	700	N	20	1,000	1.5
TSS28A15	38 42 28	116 12 51	2.0	.7	1.5	.15	700	N	50	700	2.0
TSS28A17	38 41 22	116 14 45	3.0	1.0	2.0	.20	1,000	N	70	1,000	2.0
TSS28B02	38 40 42	116 4 30	2.0	.5	1.5	.15	700	N	30	700	2.0
TSS28B03	38 41 6	116 4 46	3.0	1.0	2.0	.20	1,000	N	50	1,000	2.0
TSS28C01	38 36 57	116 6 5	3.0	1.0	1.5	.20	1,000	N	50	1,000	2.0
TSS28D01	38 30 3	116 7 45	3.0	.7	2.0	.15	700	N	50	1,000	3.0

Table 3. Analytical results for -60 mesh stream-sediment samples from the eastern part of the Tonopah 1 x 2 degree quadrangle, Nevada--Continued

Sample	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sc-ppm s	Sr-ppm s
TNS01582	7	50	15	50	N	<20	5	70	10	300
TNS01596	5	30	7	150	5	N	10	50	7	300
TNS01619	7	50	10	100	N	N	10	30	5	300
TSS27A01	30	70	7	500	N	N	10	50	20	1,000
TSS27A03	10	20	7	200	10	20	10	50	10	500
TSS27A05	7	50	20	50	N	N	10	30	5	200
TSS27A09	7	15	5	200	N	N	5	30	7	300
TSS27A10	7	50	10	30	N	N	7	30	5	200
TSS27A11	7	50	15	30	N	N	7	30	5	200
TSS27A12	7	50	15	50	N	N	10	30	7	200
TSS27B02	5	15	15	70	N	N	5	<10	5	500
TSS27B04	5	30	10	<20	15	N	10	20	<5	150
TSS27B05	5	30	10	30	N	N	5	30	5	200
TSS27B06	7	15	7	70	N	N	<5	50	5	200
TSS27B08	7	<10	10	200	N	N	<5	20	7	300
TSS27B10	7	10	10	200	N	N	<5	30	7	500
TSS27B12	10	50	20	50	5	N	15	30	7	200
TSS27C05	7	15	10	100	N	<20	<5	50	10	200
TSS27C09	10	10	5	70	N	<20	5	30	10	500
TSS27C10	7	20	5	70	N	20	7	100	7	500
TSS27C11	5	<10	N	500	N	N	<5	20	5	500
TSS27C13	5	15	5	70	N	N	<5	30	5	300
TSS27C16	10	15	15	70	N	N	5	100	10	500
TSS27C17	7	<10	<5	20	N	N	<5	30	5	700
TSS27C19	10	20	10	100	N	<20	7	70	10	500
TSS27C20	7	10	5	200	N	N	<5	50	7	500
TSS27C21	10	20	5	500	N	N	<5	30	10	500
TSS27C22	7	15	<5	700	N	N	<5	30	7	500
TSS27C31	10	15	10	70	5	<20	5	50	10	500
TSS27D05	7	20	7	50	N	N	7	30	7	200
TSS27D07	10	20	<5	300	10	N	7	30	10	500
TSS27D09	10	20	20	70	N	<20	5	50	10	500
TSS28A01	5	10	<5	50	N	N	<5	15	5	200
TSS28A03	7	<10	<5	50	N	N	<5	30	7	300
TSS28A05	7	10	5	70	N	N	<5	20	7	300
TSS28A07	7	<10	<5	50	N	N	10	10	5	300
TSS28A09	10	10	5	70	15	N	<5	30	10	500
TSS28A11	10	20	10	100	7	<20	10	50	7	300
TSS28A13	10	20	<5	100	N	<20	5	30	10	700
TSS28A15	7	15	10	70	N	N	5	30	10	300
TSS28A17	7	15	10	100	N	N	5	30	10	500
TSS28B02	5	10	<5	100	N	N	<5	20	5	300
TSS28B03	10	20	10	200	5	<20	5	50	10	500
TSS28C01	7	20	10	70	N	N	<5	30	7	500
TSS28D01	7	10	5	70	N	<20	5	30	5	300

Table 3. Analytical results for -60 mesh stream-sediment samples from the eastern part of the Tonopah 1 x 2 degree quadrangle, Nevada--Continued

Sample	V-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
TNS01582	100	30	N	300	10	55	.2	N	N
TNS01596	70	20	N	500	15	70	.3	N	3
TNS01619	100	20	N	200	25	50	.1	1	5
TSS27A01	500	30	200	300	5	220	N	N	N
TSS27A03	200	30	N	500	<5	95	N	N	N
TSS27A05	150	15	N	100	10	60	N	N	4
TSS27A09	70	30	N	700	5	35	N	<1	N
TSS27A10	70	20	N	150	10	25	N	N	N
TSS27A11	70	15	N	100	5	25	N	N	N
TSS27A12	100	15	N	70	10	50	N	N	N
TSS27B02	100	15	N	200	<5	70	.1	N	N
TSS27B04	30	10	N	50	N	45	.1	<1	N
TSS27B05	70	20	N	100	N	25	.1	N	N
TSS27B06	70	20	N	300	N	50	.1	N	N
TSS27B08	50	20	N	150	N	25	N	N	N
TSS27B10	70	20	N	500	10	110	.3	N	N
TSS27B12	70	20	N	150	N	35	.2	N	<2
TSS27C05	100	30	N	200	N	25	.1	N	<2
TSS27C09	100	20	N	300	N	35	.1	N	2
TSS27C10	70	30	N	300	10	45	.1	1	<2
TSS27C11	50	30	N	300	10	50	.2	N	<2
TSS27C13	50	20	N	200	20	45	.4	<1	7
TSS27C16	150	20	N	500	5	40	.2	N	<2
TSS27C17	70	20	N	500	5	120	.1	<1	<2
TSS27C19	100	30	N	300	10	35	.1	N	2
TSS27C20	70	20	N	700	10	40	.3	<1	2
TSS27C21	100	50	N	>1,000	20	35	.3	N	8
TSS27C22	100	50	N	1,000	5	30	N	N	N
TSS27C31	150	20	N	700	10	50	N	N	<2
TSS27D05	70	20	N	300	35	50	.2	N	N
TSS27D07	150	30	N	500	10	60	N	N	N
TSS27D09	100	20	N	300	10	45	N	N	<2
TSS28A01	70	15	N	150	10	85	N	<1	N
TSS28A03	70	20	N	200	5	10	N	1	N
TSS28A05	70	20	N	300	<5	25	N	N	<2
TSS28A07	70	15	N	200	5	35	.1	1	2
TSS28A09	100	30	N	700	10	25	N	N	<2
TSS28A11	100	20	N	200	5	50	.2	N	<2
TSS28A13	150	20	N	200	5	35	.1	N	2
TSS28A15	100	20	N	200	10	35	.1	<1	2
TSS28A17	100	30	N	200	15	55	.1	N	3
TSS28B02	70	20	N	150	15	50	.1	N	2
TSS28B03	100	30	N	500	10	25	<.1	N	<2
TSS28C01	70	30	N	150	N	40	.1	N	<2
TSS28D01	70	20	N	300	5	25	N	N	N

Table 3. Analytical results for -60 mesh stream-sediment samples from the eastern part of the Tonopah 1 x 2 degree quadrangle, Nevada--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
TSS28D05	38 32 35	116 7 53	3.0	1.0	3.0	.30	1,000	N	20	1,500	2.0
TSS35C02	38 15 10	116 48 36	3.0	.7	1.0	.20	1,000	N	50	1,000	2.0
TSS35D10	38 16 23	116 53 20	5.0	.7	1.5	.30	1,000	N	30	1,000	1.0
TSS35D12	38 16 20	116 54 10	5.0	.5	1.0	.50	1,000	N	30	1,000	1.5
TSS35D13	38 16 12	116 55 48	2.0	.7	1.0	.15	1,000	N	100	300	3.0
TSS45A02	38 11 20	116 52 55	3.0	1.0	2.0	.20	1,000	N	50	1,000	2.0
TSS45B01	38 10 55	116 47 30	7.0	.5	1.0	.30	1,000	N	20	1,000	1.5
TSS45B02	38 9 45	116 51 50	3.0	1.0	1.5	.30	1,500	N	50	1,500	2.0
TSS45C01	38 4 20	116 49 15	5.0	.7	1.0	.30	700	N	50	1,000	1.5
TSS45D02	38 5 35	116 56 40	3.0	1.5	1.5	.20	1,000	N	70	1,000	3.0
TSS46A01	38 7 40	116 42 30	3.0	1.0	2.0	.30	1,000	N	50	2,000	1.5
TSS46A03	38 10 35	116 41 45	3.0	1.0	1.0	.20	700	N	50	1,500	2.0
TSS46A05	38 10 15	116 41 55	3.0	1.0	1.5	.30	1,000	N	30	2,000	1.5
TSS46B03	38 13 20	116 31 35	3.0	.7	1.5	.20	500	N	30	1,500	1.5
TSS46D01	38 10 15	116 30 50	3.0	1.5	3.0	.20	1,000	N	70	1,500	2.0
TSS46D02	38 4 5	116 42 20	5.0	1.0	2.0	.30	700	.5	30	1,500	1.0
TSS48A01	38 12 9	116 12 15	5.0	2.0	10.0	.30	1,000	5.0	70	1,500	2.0
TSS48A03	38 11 30	116 10 5	3.0	.7	2.0	.20	1,000	N	30	1,000	2.0
TSS48A17	38 8 45	116 9 16	5.0	1.5	5.0	.30	1,000	N	30	2,000	1.0
TSS48A18	38 11 9	116 13 32	5.0	1.5	2.0	.30	1,000	N	50	1,000	1.5
TSS48B01	38 8 55	116 6 55	7.0	1.5	3.0	.50	1,000	N	30	1,000	2.0
TSS48C02	38 6 2	116 7 12	5.0	1.5	2.0	.30	1,000	N	50	1,000	3.0
TSS48C05	38 2 59	116 7 12	7.0	2.0	7.0	.50	1,500	N	20	1,500	1.5
TSS48C07	38 2 19	116 6 10	5.0	1.5	2.0	.30	1,000	N	50	1,000	2.0
TSS48D01	38 5 48	116 9 56	3.0	1.0	1.5	.15	1,000	N	50	700	2.0
TSS48D03	38 2 37	116 9 10	3.0	1.5	2.0	.20	1,000	N	50	1,000	3.0

Table 3. Analytical results for -60 mesh stream-sediment samples from the eastern part of the Tonopah 1 x 2 degree quadrangle, Nevada--Continued

Sample	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sc-ppm s	Sr-ppm s
TSS28D05	7	10	<5	50	N	N	<5	30	10	700
TSS35C02	7	15	7	100	N	N	<5	30	7	500
TSS35D10	7	20	7	150	5	N	5	30	10	700
TSS35D12	15	30	7	70	N	N	5	20	10	500
TSS35D13	5	<10	<5	70	N	<20	<5	50	5	200
TSS45A02	10	30	5	70	N	N	7	20	10	500
TSS45B01	10	20	5	100	N	<20	<5	30	10	500
TSS45B02	10	30	15	150	N	<20	7	50	10	500
TSS45C01	20	30	7	100	N	N	7	15	10	500
TSS45D02	10	20	15	70	N	N	7	30	10	500
TSS46A01	10	20	7	70	N	N	7	30	10	700
TSS46A03	7	20	10	70	N	N	7	30	7	700
TSS46A05	10	30	7	100	N	N	7	50	10	700
TSS46B03	7	20	<5	150	N	N	7	20	7	500
TSS46D01	10	30	10	100	N	N	5	50	10	700
TSS46D02	15	30	7	200	N	N	5	30	10	500
TSS48A01	15	70	10	200	N	20	5	50	15	1,500
TSS48A03	10	10	<5	70	N	N	5	20	5	500
TSS48A17	10	50	5	100	N	<20	5	50	10	1,000
TSS48A18	20	50	15	200	5	20	30	30	10	700
TSS48B01	30	50	20	70	N	20	50	30	10	500
TSS48C02	20	50	15	100	7	20	30	70	10	1,000
TSS48C05	15	70	10	150	N	<20	20	50	15	1,000
TSS48C07	20	50	20	70	N	<20	15	50	10	300
TSS48D01	7	20	7	70	N	N	5	30	7	300
TSS48D03	10	20	7	150	N	<20	5	30	7	500

Table 3. Analytical results for -60 mesh stream-sediment samples from the eastern part of the Tonopah 1 x 2 degree quadrangle, Nevada--Continued

Sample	V-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
TSS28D05	100	20	N	200	<5	15	N	N	N
TSS35C02	70	15	N	200	5	40	.1	<1	<2
TSS35D10	150	30	N	200	10	55	.1	1	N
TSS35D12	200	15	N	500	N	50	.1	1	N
TSS35D13	50	20	N	150	N	35	.1	1	N
TSS45A02	100	20	N	200	5	10	N	N	N
TSS45B01	150	20	N	500	30	65	.3	N	3
TSS45B02	100	20	N	300	5	25	.1	N	N
TSS45C01	150	20	N	700	5	45	.4	N	N
TSS45D02	100	20	N	300	5	25	.2	N	N
TSS46A01	100	20	N	300	5	30	N	N	N
TSS46A03	100	20	N	200	5	25	N	N	N
TSS46A05	150	20	N	300	5	45	N	N	N
TSS46B03	70	20	N	200	5	20	.2	N	<2
TSS46D01	100	20	N	700	10	40	.2	N	<2
TSS46D02	150	20	N	300	10	35	N	N	N
TSS48A01	100	50	N	200	35	60	N	N	<2
TSS48A03	70	20	N	200	10	40	N	N	N
TSS48A17	100	30	N	500	5	40	.1	N	<2
TSS48A18	100	30	N	500	5	35	.2	N	<2
TSS48B01	100	30	N	200	5	45	.1	N	N
TSS48C02	100	50	N	200	15	55	N	N	N
TSS48C05	150	50	N	200	10	50	.1	N	<2
TSS48C07	100	20	N	200	15	30	.1	N	2
TSS48D01	70	20	N	200	<5	10	N	N	N
TSS48D03	100	30	N	300	20	45	N	N	2