UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

Analytical results and sample-locality map of stream-sediment, heavy-mineral-concentrate, and water samples from the Sulphur Creek (I), Sulphur Creek (M), Sulphur Creek East, and Loon Creek Additions to the Frank Church-River of No Return Wilderness, Custer, Lemhi, and Valley Counties, Idaho

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

1985

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STUDIES RELATED TO WILDERNESS

The Wilderness Act (Public Law 88-577, September 3, 1964) and related acts require the U.S. Geological Survey and the U.S. Bureau of Mines to survey certain areas on Federal lands to determine their mineral 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 a geochemical survey of the Sulphur Creek (I4066), Sulphur Creek (M4066), Sulphur Creek East (E4066), and the Loon Creek (4207) Additions to the Frank Church-River of No Return Wilderness in the Boise and Challis National Forests, Custer, Lemhi, and Valley Counties, Idaho. The area was established as a wilderness by Public Law 96-312, July 23, 1980.

INTRODUCTION

In the summer of 1983 the U.S. Geological Survey conducted a reconnaissance geochemical survey of several additions to the Frank Church-River of No Return Wilderness located in central Idaho. This report presents analytical results for four of those additions, Sulphur Creek (I4066), Sulphur Creek (M4066), Sulphur Creek East (E4066), and Loon Creek (4207) (hereafter collectively referred to as the study areas).

The Sulphur Creek (I4066) Addition comprises about 268 mi^2 (694 km^2) in southeastern Valley and northwestern Custer Counties, Idaho and lies about 17 mi (27 km) northwest of Stanley, Idaho. The Sulphur Creek (M4066) Addition comprises about 52 mi^2 (135 km^2) in northwestern Custer County, Idaho, and lies 17 mi (27 km) north of Stanley. The Sulphur Creek East (E4066) Addition comprises about 210 mi^2 (544 km^2) in northern Custer and southwestern Lemhi Counties, Idaho, and lies about 20 mi (32 km) northeast of Stanley and 14 mi (32 km) west-northwest of Challis, Idaho. The Loon Creek (4207) Addition comprises about 78 mi^2 (202 km^2) in northwestern Custer County, Idaho, and lies about 14 mi (23 km) north of Stanley (see Figure 1). Access to the study areas is provided by improved and unimproved gravel roads from Stanley and Challis. Stanley lies at the intersection of Idaho State Highways 75 and 21, and Challis lies near the intersection of Idaho State Highway 75 and U.S. Highway 93.

The Late Cretaceous Idaho batholith and Tertiary Challis Volcanics comprise the majority of the bedrock within the study areas. The Idaho batholith varies from a leucocratic granite to a biotite granodiorite and hornblende-biotite granodiorite. It is locally porphyritic with microcline metacrysts. The batholith crops out extensively in the Sulphur Creek (I), Sulphur Creek (M), and Loon Creek Additions.

Eocene Challis Volcanics crop out extensively in the Sulphur Creek East Addition, and, to a lesser degree, in the other three additions. The Challis Volcanics are comprised dominantly of tuffs, flows, dikes, and plugs of intermediate to silicic composition and are commonly porphyritic. Intrusive Eocene rocks related to the Challis Volcanics crop out locally within the study areas and include the Casto Pluton (Ross, 1934; Cater and others, 1973), which is a pink granite to light-gray quartz monzonite; and a gray porphyry of intermediate composition exhibiting both intrusive and extrusive characteristics.

Ordovician quartzite, limestone, and dolomite crop out sparsely in the northern parts of the Sulphur Creek (M) and Loon Creek Additions and in the westernmost Sulphur Creek East Addition.

Sporadic roof pendants and xenoliths of schist, quartzite, and calc-silicate rocks of uncertain Precambrian to Paleozoic age crop out in close spatial association with the Idaho batholith.

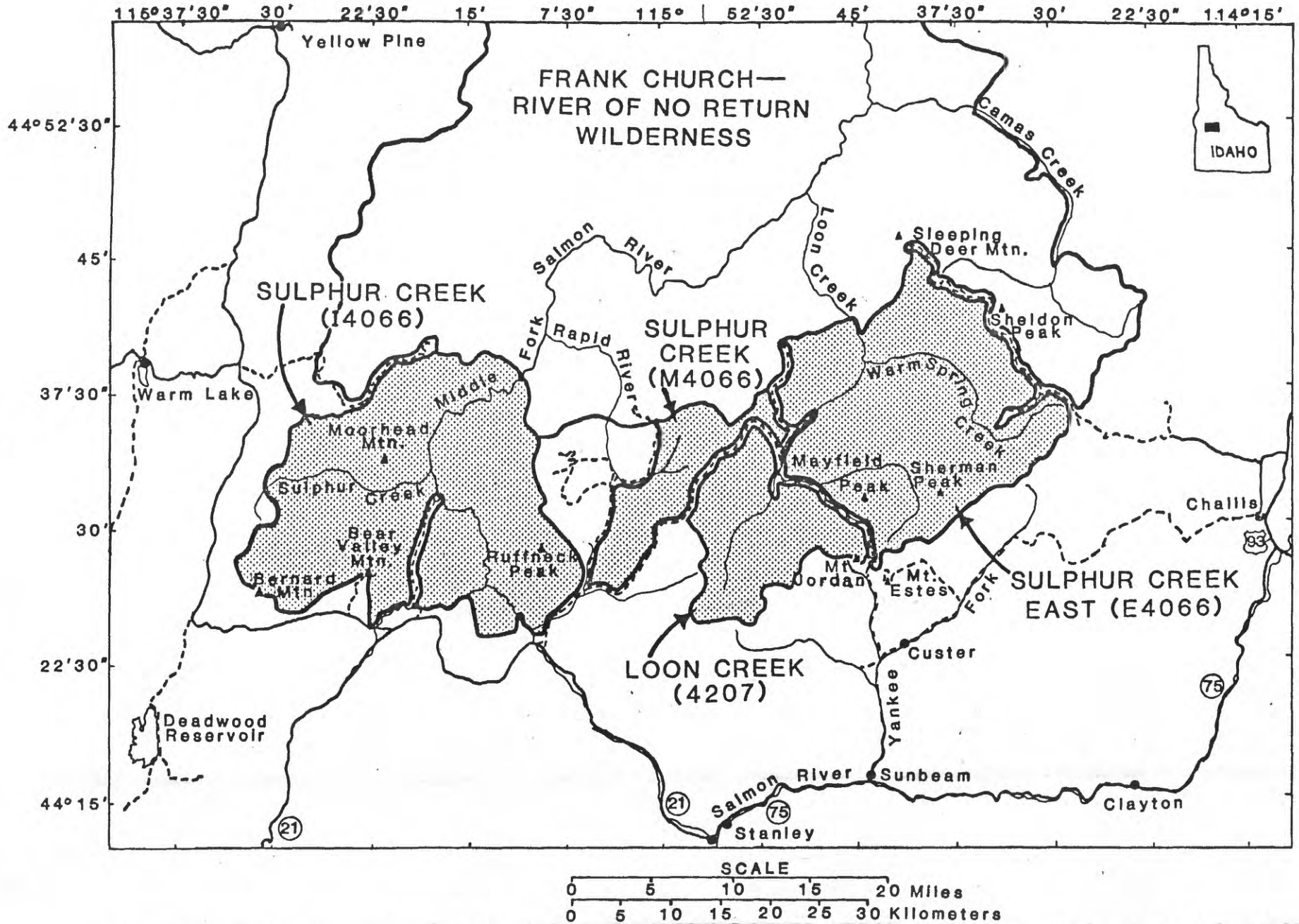

Figure 1. Location map of the Sulphur Creek (I4066), Sulphur Creek (M4066), Sulphur Creek East (E4066), and the Loon Creek (4207) Additions to the Frank Church-River of No Return Wilderness, Custer, Valley, and Lemhi Counties, Idaho.

Faults within and surrounding the study areas are predominantly northeast and northwest trending.

The geologic map of the Challis 1° x 2° quadrangle (Fisher and others, 1983) provides a basic geologic setting for the study areas, although part of the upcoming mineral resource assessment of the wilderness additions is an enlarged, more detailed geologic map and summary.

Topographic relief in the Sulphur Creek (I) Addition ranges from 9,407 ft (2,867 m) at Roughneck Peak to about 5,150 ft (1,570 m) along the Middle Fork of the Salmon River in the northeastern part of the addition. The Sulphur Creek (M) Addition relief ranges from 9,192 ft (2,802 m) at Sheep Mountain, in the northwestern corner of the addition, to about 6,400 ft (1,951 m) along Rapid River. Relief in the Loon Creek Addition ranges from 10,329 ft (3,148 m) at the General, a peak about 1 mile northwest of Mt. Jordan, to about 6,000 ft (1,829 m) along Loon Creek. The Sulphur Creek East Addition relief varies from 9,892 ft (3,015 m) at Sherman Peak to about 4,480 ft (1,475 m) along Loon Creek in the northern part of the addition. Terrain in the study areas ranges from rugged, steep peaks, ridges, and cirques at higher elevations, through locally gentle tree-covered mountains and meadows at intermediate elevations to steep-sided, V-shaped, heavily vegetated canyons at lower elevations. Climatic conditions vary from warm summer days with frequent thunderstorms to bitter cold winter days with frequent heavy snowfall.

Samples were collected by R. G. Eppinger, W. V. Gerstel, J. C. Gray, and J. Kaplin. Analyses were done by B. M. Adrian, T. A. Roemer, J. C. Gray, K. A. Romine, J. D. Sharkey, R. Coringrato, and M. Walter.

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. 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, many of which may be ore-related, permits determination of some elements that are not easily detected in stream-sediment samples.

Sample Collection

Stream-sediment samples were collected at 577 sites. At most of the stream-sediment sample sites, two panned-concentrate samples were collected. The two panned-concentrate samples will be referred to as the heavy-mineral-concentrate sample (570 total), and the raw-panned-concentrate sample (542 total). Water samples (38 total) were collected from hot and cold springs where available. Only three of the water sample sites coincided with stream-sediment sample sites, yielding a total of 612 sample sites (Plate 1). Sampling density was about 1 sample site per square mile.

Stream-sediment samples

The stream-sediment samples consisted of grab samples 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).

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.

Raw-panned-concentrate samples

A 16-inch pan of alluvium was screened with a 2.0 mm (10-mesh) screen and panned until about 10 g remained.

Water samples

Water samples were collected from hot and cold springs. A 250-mL sample was taken at each site and stored in a new untreated plastic bottle. In addition, a 50-mL sample was filtered through a 0.45-micrometer filter, was acidified with reagent-grade concentrated nitric acid to less than pH 2, and was stored in an acid-rinsed polyethylene bottle. The water temperature was measured at each site. The pH of the water was determined at the sample site, using a Corning model 3D pH meter.

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 (at about 25°C), 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, largely ferromagnesian silicates and iron oxides, was saved for analysis/archival storage. The third fraction (the least magnetic material which may include the nonmagnetic ore minerals, zircon, sphene, etc.) was split, when possible, using a Jones splitter. One split was hand-ground for spectrographic analysis; the other split was saved for mineralogical analysis. In cases where the nonmagnetic fraction was too small to split, mineralogical analysis was done before hand grinding. 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.

The raw-panned-concentrate samples were air dried and then analyzed for gold without further preparation.

Sample Analysis

Spectrographic method

The stream-sediment and heavy-mineral-concentrate 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).

Chemical methods

Other methods of analysis used on samples from the study areas are summarized in table 2.

Analytical results for stream-sediment, heavy-mineral-concentrate, raw-panned-concentrate, and water samples are listed in tables 3, 4, 5, and 6, 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, 1976).

DESCRIPTION OF DATA TABLES

Tables 3-6 list the analyses for the samples of stream sediment, heavy-mineral concentrate, raw-panned-concentrate, and water, respectively. For the four tables, the data are arranged so that column 1 contains the USGS-assigned sample identifications. The numeric portions of the identifications (with an "RN" prefix) correspond to the numbers shown on the 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. Some elements were analyzed by both methods and appear in adjacent columns. 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 1. 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 3-6 in place of an analytical value. Because of the formatting used in the computer program that produced tables 3-6, 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.

The lower limit of determination for Au by atomic absorption is 0.05 ppm, based on a 10 g sample (table 2). Because the sample weight for raw-panned concentrates is variable in this study, the lower limit of determination is variable when reported in terms of ppm (table 5).

The spectrographic determinations for Au, Cd, Bi, and Sb in stream-sediment samples were all below the lower limits of determinations shown in table 1; consequently, the columns for these elements have been deleted from table 3.

Latitudes and longitudes listed in tables 3-6 are based on 1:24,000-scale U.S. Geological Survey topographic maps. The listed coordinates may not conform precisely to the locations plotted 1:100,000 scale in plate 1.

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TABLE 1.--Limits of determination for the spectrographic analysis of stream sediments, based on a 10-mg sample

[The spectrographic limits of determination for heavy-mineral-concentrate samples 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	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.--Lower limits of determination for analytical methods other than the spectrographic method

[AA = atomic absorption; FAA = flameless atomic absorption; IC = ion chromotography]

Element, constituent, or property determined	Sample Type	Analytical method	Determination limit	Reference
Gold (Au)	Raw-panned concentrate	AA	0.05[1]	Thompson and others, 1968
Arsenic (As)	Sediments	AA	10 ppm	Modification of Viets, 1978
Antimony (Sb)	"	AA	2 ppm	
Cadmium (Cd)	"	AA	0.1 ppm	
Zinc (Zn)	"	AA	5 ppm	
Fluorine (F)	"	Specific ion	100 ppm	Hopkins, 1977
Uranium(U)	"	Fluorometry	0.05 ppm	Modification of Centanni and others, 1956
pH	Water	pH electrode	--	Skougstad and others, 1979, p. 512
Specific conductance	"	Conductivity bridge	--	Skougstad and others, 1979 p. 511
Sodium (Na)	"	AA	.1 mg/L	Perkin-Elmer, 1976
Potassium (K)	"	AA	"	
Calcium (Ca)	"	AA	"	
Magnesium (Mg)	"	AA	"	
Alkalinity, as bicarbonate	"	Gran's plot titratration with H_2SO_4	1. mg/L	Orion Research Inc., 1975
Fluoride (F^-)	"	IC	.01 mg/L	Fishman and Pyen, 1979
Chloride (Cl^-)	"	IC	.05 mg/L	"
Sulfate (SO_4^{2-})	"	IC	.1 mg/L	"
Nitrate (NO_3^-)	"	IC	.1 mg/L	"
Silica (SiO_2)	"	AA	1. mg/L	Perkin-Elmer, 1976
Aluminum (Al)	"	FAA	1. µg/L	"
Arsenic (As)	"	FAA	.1 µg/L[2]	Aruscavage, 1977
Cobalt (Co)	"	FAA	.1 µg/L[2]	Perkin-Elmer, 1976
Copper (Cu)	"	FAA	.1 µg/L[2]	"
Iron (Fe)	"	FAA	1. µg/L	"
Manganese (Mn)	"	FAA	.5 µg/L	"
Molybdenum (Mo)	"	FAA	.2 µg/L[2]	"
Nickel (Ni)	"	FAA	.2 µg/L[2]	"
Lead (Pb)	"	FAA	.4 µg/L[2]	"
Silver (Ag)	"	FAA	.02µ g/L	"
Uranium (U)		Laser-fluorescence	.01µ g/L	Scintrex Corp., 1978
Zinc (Zn)		FAA	.5 µg/L	Perkin-Elmer, 1976

[1]Based on a 10 g sample.
[2]Values below 1 µg/L for these metals are at or near the sensitivity of the analytical method and should be interpreted accordingly.

TABLE 3.--ANALYSES OF STREAM-SEDIMENT SAMPLES

[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	As-ppm aa	B-ppm s	Ba-ppm s	Be-ppm s
RN0001S	44 27 38	115 18 34	1.50	.50	2.00	1.00	200	N	N	N	20	700	1.0
RN0002S	44 27 4	115 18 21	5.00	1.00	1.50	1.00	700	N	N	N	10	500	2.0
RN0003S	44 24 47	115 12 13	3.00	.70	1.00	.50	700	N	N	N	20	700	2.0
RN0004S	44 25 17	115 11 27	5.00	.70	1.00	.70	700	N	N	N	15	700	1.5
RN0005S	44 25 45	115 11 32	5.00	1.00	1.50	.50	1,000	N	N	N	10	1,000	2.0
RN0006S	44 29 28	115 33 2	1.50	.50	1.00	.30	700	N	N	10	50	700	2.0
RN0007S	44 29 36	115 33 2	1.50	.20	1.50	.50	500	<.5	N	5	30	1,000	1.5
RN0008S	44 29 15	115 34 26	1.00	.15	1.00	.30	1,000	N	N	25	10	1,000	1.5
RN0009S	44 27 16	115 34 3	1.50	.30	1.00	.30	700	N	N	5	20	1,500	2.0
RN0010S	44 26 3	115 32 56	1.50	.30	1.00	.30	1,000	N	N	N	20	1,000	2.0
RN0011S	44 25 30	115 31 0	1.50	.30	1.00	.50	1,000	N	N	N	20	1,000	2.0
RN0012S	44 25 33	115 30 54	1.00	.30	1.00	.50	1,000	N	N	N	20	1,000	1.5
RN0013S	44 25 13	115 28 53	1.00	.20	1.00	.70	2,000	N	N	N	20	1,500	2.0
RN0014S	44 28 11	115 25 56	2.00	.70	1.00	.50	500	N	N	<5	20	700	2.0
RN0015S	44 28 17	115 26 11	1.50	.50	.70	.50	500	N	N	5	15	700	2.0
RN0016S	44 27 37	115 24 37	1.50	.20	1.00	1.00	1,000	N	N	<5	15	500	1.5
RN0017S	44 27 59	115 25 32	1.50	.30	2.00	.70	1,000	N	N	N	10	700	2.0
RN0018S	44 29 23	115 24 41	1.50	.20	1.50	.70	1,000	N	N	N	10	500	3.0
RN0019S	44 29 39	115 24 30	2.00	.50	2.00	1.00	500	N	N	N	20	700	5.0
RN0020S	44 29 16	115 22 43	3.00	.50	2.00	1.00	500	N	N	N	20	700	1.5
RN0021S	44 29 34	115 23 55	3.00	.70	1.50	1.00	500	N	N	N	20	700	1.5
RN0022S	44 29 36	115 23 47	3.00	.50	1.50	1.00	500	N	N	N	20	1,000	2.0
RN0023S	44 30 46	115 19 30	2.00	.50	2.00	1.00	500	N	N	N	20	1,000	2.0
RN0024S	44 30 52	115 19 32	3.00	.50	1.50	1.00	500	N	N	N	15	700	1.5
RN0025S	44 32 16	115 19 56	2.00	.50	1.50	.50	500	.7	N	N	20	1,000	3.0
RN0026S	44 31 53	115 22 55	3.00	.50	2.00	.70	300	N	N	N	20	1,000	3.0
RN0027S	44 31 59	115 24 22	1.50	.30	1.00	.50	500	N	N	N	30	1,500	2.0
RN0028S	44 31 55	115 24 20	3.00	.30	1.00	.70	300	N	N	N	20	1,000	1.5
RN0029S	44 32 51	115 24 20	2.00	.30	.70	.50	500	N	N	5	20	1,500	1.5
RN0030S	44 32 55	115 26 54	2.00	.50	.70	.30	500	.5	N	<5	15	1,500	2.0
RN0031S	44 30 9	115 26 35	3.00	.70	1.00	.50	300	N	N	N	20	700	2.0
RN0032S	44 30 27	115 28 25	1.00	.20	1.00	.50	300	N	N	N	15	1,500	2.0
RN0033S	44 31 16	115 27 58	1.50	.50	1.00	.50	700	N	N	N	20	1,500	2.0
RN0034S	44 31 44	115 30 53	1.50	.50	.30	.20	700	N	N	15	20	1,000	2.0
RN0035S	44 31 44	115 31 8	1.50	.50	5.00	.50	700	N	N	N	10	700	2.0
RN0036S	44 33 46	115 30 44	2.00	.50	.50	.20	700	N	N	N	50	1,500	2.0
RN0037S	44 32 36	115 28 37	2.00	.50	.50	.50	500	N	N	15	15	1,000	2.0
RN0038S	44 37 24	115 25 57	2.00	.30	1.00	.50	500	N	N	N	20	1,000	2.0
RN0039S	44 37 28	115 25 52	10.00	.50	1.00	.70	500	N	N	<5	20	1,000	1.5
RN0040S	44 35 57	115 21 2	1.50	.30	.70	.50	500	<.5	N	N	20	1,000	2.0
RN0041S	44 36 2	115 21 3	2.00	.70	1.00	.70	500	N	N	<5	20	1,000	2.0
RN0043S	44 37 16	115 17 31	2.00	.50	1.00	.50	300	N	N	5	20	700	2.0
RN0044S	44 37 58	115 23 14	5.00	.20	1.00	.50	300	N	N	N	30	700	2.0
RN0045S	44 42 29	115 17 53	2.00	.50	1.00	.70	700	N	N	45	50	700	1.5
RN0046S	44 41 36	115 13 45	2.00	.70	.70	.50	500	N	N	60	30	700	2.0

TABLE 3.--ANALYSES OF STREAM-SEDIMENT SAMPLES--Continued

Sample	Cd-ppm aa	Co-ppm s	Cr-ppm s	Cu-ppm s	F-ppm si	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm aa	Sc-ppm s	Sn-ppm s	Sr-ppm s
RN0001S	N	7	10	<5	1,400	200	N	70	5	20	N	15	N	500
RN0002S	.1	20	100	10	500	50	N	<20	30	20	N	20	N	500
RN0003S	.1	7	10	15	500	200	N	<20	15	30	N	5	N	300
RN0004S	.1	10	20	10	600	200	N	20	30	20	N	10	N	300
RN0005S	N	15	100	15	500	150	N	<20	15	20	N	20	N	300
RN0006S	.3	5	20	15	400	100	N	20	7	30	N	7	N	500
RN0007S	N	5	<10	<5	400	300	N	20	<5	30	N	5	N	700
RN0008S	N	<5	<10	<5	400	150	N	70	<5	30	N	5	N	500
RN0009S	.1	5	<10	<5	200	200	N	50	<5	70	<2	10	N	500
RN0010S	.1	5	15	<5	200	300	N	30	5	50	<2	5	N	700
RN0011S	.1	5	10	N	300	700	N	50	<5	50	N	7	N	500
RN0012S	.1	5	15	N	300	700	N	30	5	50	N	5	N	500
RN0013S	N	5	30	N	300	200	N	70	5	20	N	7	N	700
RN0014S	.2	5	<10	<5	400	200	N	30	<5	20	<2	7	N	700
RN0015S	.2	5	<10	7	200	100	N	30	7	30	<2	7	N	500
RN0016S	N	5	10	N	600	200	N	70	7	20	N	10	N	500
RN0017S	N	5	10	<5	600	500	N	50	5	20	N	10	N	700
RN0018S	N	5	<10	<5	500	150	N	70	<5	30	N	10	N	500
RN0019S	N	5	10	<5	1,400	200	N	70	20	30	N	10	N	500
RN0020S	.1	7	10	<5	800	200	7	100	5	20	N	10	30	700
RN0021S	.1	10	10	<5	1,400	100	N	70	5	30	N	10	15	500
RN0022S	N	7	20	<5	1,000	150	N	50	5	20	N	10	<10	500
RN0023S	N	5	10	N	1,100	300	5	100	5	20	N	15	10	500
RN0024S	N	5	10	<5	900	500	<5	70	5	10	N	10	<10	500
RN0025S	1.2	7	10	15	700	100	<5	30	20	70	N	10	N	500
RN0026S	N	10	20	<5	800	150	<5	50	15	30	N	10	N	500
RN0027S	.1	5	20	5	400	200	N	30	20	30	N	5	N	500
RN0028S	.1	5	10	<5	500	150	N	50	5	30	N	10	N	500
RN0029S	.2	5	10	<5	400	200	N	30	5	30	N	7	N	500
RN0030S	.2	7	20	10	400	100	N	20	7	70	N	7	N	500
RN0031S	.1	7	10	7	600	100	N	30	5	30	N	10	N	500
RN0032S	N	5	<10	N	500	150	N	20	5	20	N	5	N	700
RN0033S	.1	5	10	5	500	200	N	20	7	20	N	5	N	500
RN0034S	.3	5	<10	<5	400	150	<5	20	5	30	<2	5	N	500
RN0035S	N	5	10	50	48,000	200	N	N	10	30	N	5	N	500
RN0036S	N	<5	<10	<5	500	100	N	20	5	50	N	5	N	500
RN0037S	.1	7	10	20	800	100	<5	<20	15	20	N	5	N	300
RN0038S	N	5	20	5	400	100	N	50	15	50	N	7	N	500
RN0039S	.1	10	150	5	500	200	<5	50	10	30	N	10	N	500
RN0040S	.5	7	15	5	400	200	<5	70	20	100	N	7	N	300
RN0041S	N	10	70	7	600	100	N	50	20	50	N	10	N	300
RN0043S	.1	7	30	5	600	150	N	30	7	30	N	10	N	500
RN0044S	.1	5	10	N	600	100	N	50	<5	30	N	7	N	300
RN0045S	N	15	50	7	400	1,000	N	50	15	30	N	10	N	500
RN0046S	.2	10	50	15	700	200	N	20	15	20	N	10	N	300

TABLE 3.--ANALYSES OF STREAM-SEDIMENT SAMPLES--Continued

Sample	Th-ppm s	U-inst	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zn-ppm aa	Zr-ppm s
RN0001S	N	5.30	50	N	70	N	50	>1,000
RN0002S	N	11.00	150	N	30	N	65	300
RN0003S	N	30.00	100	N	30	N	50	200
RN0004S	N	9.30	150	N	50	N	55	700
RN0005S	N	22.00	100	N	30	N	65	500
RN0006S	N	5.90	50	N	30	N	80	200
RN0007S	N	1.80	30	N	30	N	65	300
RN0008S	N	6.50	30	N	50	N	55	500
RN0009S	N	8.90	50	N	70	N	45	700
RN0010S	N	4.50	30	N	100	N	30	300
RN0011S	200	6.50	50	N	100	N	35	500
RN0012S	100	2.70	50	N	70	N	35	150
RN0013S	N	2.90	50	N	100	N	25	300
RN0014S	N	5.90	50	N	30	N	75	200
RN0015S	N	4.10	30	N	20	N	55	200
RN0016S	<100	14.00	50	N	70	N	60	1,000
RN0017S	N	2.00	50	N	50	N	55	700
RN0018S	N	8.70	50	N	50	N	55	1,000
RN0019S	N	6.30	50	N	50	N	60	>1,000
RN0020S	N	4.90	100	N	100	N	30	1,000
RN0021S	N	4.70	70	N	70	N	70	>1,000
RN0022S	N	3.90	70	N	50	N	75	>1,000
RN0023S	<100	9.90	70	N	100	N	55	>1,000
RN0024S	100	3.70	100	N	100	N	45	>1,000
RN0025S	N	11.00	50	N	30	<200	120	200
RN0026S	N	6.00	70	N	30	N	65	200
RN0027S	N	4.70	30	N	30	N	50	500
RN0028S	N	4.30	70	N	50	N	35	300
RN0029S	N	12.00	50	N	20	N	40	300
RN0030S	N	9.10	50	N	15	N	60	150
RN0031S	N	12.00	70	N	30	N	50	200
RN0032S	N	4.90	20	N	20	N	55	150
RN0033S	N	6.60	50	N	20	N	75	200
RN0034S	N	6.50	30	N	15	N	75	200
RN0035S	N	1.30	30	N	20	N	60	300
RN0036S	N	5.10	20	N	20	N	70	150
RN0037S	N	11.00	50	N	20	N	80	500
RN0038S	N	2.90	50	N	20	N	45	200
RN0039S	N	20.00	100	N	50	N	110	>1,000
RN0040S	N	9.50	50	N	30	300	180	150
RN0041S	N	6.40	70	N	30	N	50	200
RN0043S	N	26.00	20	N	30	N	50	500
RN0044S	N	14.00	100	N	30	N	40	300
RN0045S	150	18.00	100	N	100	N	80	700
RN0046S	N	25.00	100	<50	50	N	65	300

TABLE 3.--ANALYSES OF STREAM-SEDIMENT SAMPLES--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	As-ppm aa	B-ppm s	Ba-ppm s	Be-ppm s
RN0047S	44 41 7	115 15 25	1.00	.20	.50	.20	300	N	N	35	30	1,000	2.0
RN0048S	44 40 56	115 15 58	2.00	1.00	1.00	.30	500	N	N	65	20	1,000	1.5
RN0049S	44 40 57	115 16 1	1.50	.50	.70	.20	300	N	N	70	50	1,500	2.0
RN0050S	44 26 43	115 12 53	10.00	5.00	2.00	.50	700	N	N	<5	N	1,000	<1.0
RN0051S	44 26 0	115 12 9	2.00	1.50	2.00	1.00	700	N	N	N	20	700	2.0
RN0052S	44 26 30	115 12 47	3.00	2.00	1.50	.50	1,000	N	N	N	15	1,000	1.5
RN0053S	44 26 43	115 11 8	3.00	1.00	1.00	.30	700	N	N	10	10	1,500	1.0
RN0054S	44 25 21	115 9 9	5.00	1.50	1.50	.70	700	N	N	N	<10	1,500	1.0
RN0055S	44 25 22	115 9 13	5.00	1.00	1.50	.70	700	N	N	5	10	1,500	1.0
RN0056S	44 24 37	115 11 6	3.00	1.00	1.50	.70	1,000	N	N	N	20	500	1.5
RN0057S	44 28 4	115 6 11	2.00	.50	1.00	1.00	700	N	N	N	15	500	2.0
RN0058S	44 28 29	115 5 40	3.00	.70	1.00	.50	1,000	.5	N	N	20	500	3.0
RN0059S	44 28 58	115 5 21	2.00	.50	.50	.50	1,000	.5	N	10	20	500	3.0
RN0060S	44 25 29	115 7 42	1.50	.50	.70	.50	500	N	N	N	15	700	1.5
RN0061S	44 25 50	115 16 13	2.00	.70	1.50	1.00	500	N	N	N	15	1,000	2.0
RN0062S	44 25 55	115 15 40	3.00	.50	1.00	.70	500	N	N	5	15	1,500	1.5
RN0063S	44 26 13	115 15 2	2.00	.70	1.00	.50	700	N	N	N	20	1,000	2.0
RN0065S	44 27 36	115 13 49	3.00	.70	1.00	.70	1,000	N	N	N	20	500	2.0
RN0066S	44 28 54	115 13 27	2.00	1.00	2.00	.50	1,000	N	N	N	10	300	2.0
RN0067S	44 29 1	115 13 43	3.00	.70	1.00	.50	1,000	N	N	N	10	700	2.0
RN0068S	44 29 56	115 14 24	3.00	.70	1.00	.50	700	N	N	N	20	700	2.0
RN0069S	44 30 21	115 9 58	3.00	.70	1.50	.70	1,000	N	N	N	10	500	2.0
RN0070S	44 30 19	115 9 55	3.00	1.50	2.00	.70	700	N	N	10	<10	700	1.5
RN0071S	44 30 5	115 10 8	1.50	1.00	2.00	.50	500	N	N	25	10	500	1.5
RN0072S	44 38 27	115 5 32	2.00	1.50	1.50	.50	700	<.5	N	5	50	1,000	2.0
RN0073S	44 37 40	115 3 4	3.00	2.00	1.50	.70	1,000	.5	N	20	100	1,000	2.0
RN0074S	44 34 55	115 2 45	3.00	1.00	1.00	.50	700	N	N	10	50	1,500	2.0
RN0075S	44 34 59	115 2 44	2.00	2.00	1.50	.50	500	N	N	10	100	1,000	2.0
RN0076S	44 33 22	115 3 40	2.00	1.00	1.00	.50	300	N	N	20	70	1,000	2.0
RN0077S	44 34 18	114 59 4	2.00	.50	.70	.30	300	N	N	5	30	1,000	2.0
RN0078S	44 28 31	114 58 24	1.00	.30	.20	.20	300	N	N	30	20	700	2.0
RN0079S	44 28 31	114 58 37	2.00	.50	.70	.30	300	N	N	30	50	1,500	2.0
RN0080S	44 28 28	114 58 49	2.00	.50	.70	.50	500	N	N	10	30	1,000	2.0
RN0081S	44 27 48	114 59 0	1.50	.30	.50	.30	200	N	N	10	15	1,000	2.0
RN0082S	44 27 42	114 59 21	2.00	.70	.70	.50	300	N	N	5	15	1,000	2.0
RN0083S	44 27 12	114 58 13	2.00	1.00	.50	.30	300	N	N	10	20	1,500	2.0
RN0084S	44 27 9	114 58 11	2.00	.50	.70	.50	500	N	N	5	15	1,500	2.0
RN0085S	44 26 38	114 59 46	2.00	.70	1.00	.30	700	N	N	30	10	1,000	3.0
RN0086S	44 29 34	114 57 39	1.00	.50	.50	.30	300	N	N	N	50	1,000	2.0
RN0087S	44 29 31	114 57 41	1.00	.30	.30	.20	700	N	N	15	30	1,000	2.0
RN0088S	44 29 41	114 58 43	1.50	.70	.50	.20	500	N	N	N	100	1,500	2.0
RN0089S	44 29 4	114 59 45	3.00	.70	.70	.50	700	N	N	10	20	700	5.0
RN0090S	44 27 12	114 55 1	2.00	1.00	1.00	.50	500	.5	N	5	<10	500	5.0
RN0091S	44 27 10	114 55 3	.70	.15	.20	.07	500	N	N	10	10	150	20.0
RN0092S	44 27 51	114 55 42	1.50	.50	.30	.30	300	N	N	40	50	1,000	2.0

TABLE 3.--ANALYSES OF STREAM-SEDIMENT SAMPLES--Continued

Sample	Cd-ppm aa	Co-ppm s	Cr-ppm s	Cu-ppm s	F-ppm si	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm aa	Sc-ppm s	Sn-ppm s	Sr-ppm s
RN0047S	N	5	70	10	300	200	N	20	7	30	N	5	N	500
RN0048S	.1	10	50	15	400	100	N	<20	20	30	N	10	N	500
RN0049S	N	5	30	10	500	150	N	50	20	70	N	5	N	300
RN0050S	.1	30	200	15	500	200	N	<20	30	10	N	30	N	200
RN0051S	N	10	70	7	500	300	N	30	20	20	N	15	N	500
RN0052S	.1	20	200	15	400	200	N	<20	20	30	N	15	N	300
RN0053S	.2	15	70	10	300	500	N	20	15	20	<2	20	N	500
RN0054S	N	20	150	5	400	1,000	N	50	15	20	N	20	N	500
RN0055S	N	15	100	5	400	1,000	N	50	10	20	N	20	N	500
RN0056S	.2	10	50	30	700	100	N	20	20	20	N	15	N	300
RN0057S	.1	5	10	<5	500	150	N	50	5	15	N	7	N	300
RN0058S	N	7	10	7	600	100	N	30	5	30	N	5	N	300
RN0059S	.2	7	10	15	400	100	N	20	7	50	N	5	N	200
RN0060S	.1	5	10	5	300	70	N	<20	5	10	N	5	N	300
RN0061S	N	10	30	5	800	300	7	70	30	30	N	15	N	500
RN0062S	N	10	50	5	500	1,000	N	70	10	50	N	10	N	500
RN0063S	.1	10	100	10	500	100	<5	20	20	50	N	10	20	500
RN0065S	.1	10	30	15	700	300	N	30	10	15	N	10	N	300
RN0066S	.3	7	20	15	400	100	N	<20	10	10	N	7	N	300
RN0067S	.1	7	<10	10	700	200	N	30	7	20	N	7	N	300
RN0068S	.1	7	<10	7	700	150	N	20	7	20	N	7	N	300
RN0069S	.1	7	<10	5	400	200	N	30	7	20	N	7	N	300
RN0070S	.3	15	50	5	600	200	N	50	10	50	<2	15	N	500
RN0071S	.4	5	70	<5	400	150	N	30	10	10	<2	10	N	300
RN0072S	.1	10	30	10	500	150	<5	30	15	50	<2	10	N	500
RN0073S	1.0	20	70	20	500	200	10	20	50	200	<2	10	N	300
RN0074S	.3	10	50	10	700	150	N	30	15	50	N	10	N	500
RN0075S	.4	10	70	15	700	700	<5	30	20	50	N	10	N	300
RN0076S	.2	10	50	10	700	300	N	30	10	30	<2	7	N	500
RN0077S	.2	5	10	5	400	500	N	30	5	30	N	<5	N	700
RN0078S	.3	5	N	5	100	70	N	20	5	50	<2	5	N	500
RN0079S	.1	5	10	<5	300	150	N	20	N	30	N	7	N	500
RN0080S	.2	5	10	10	300	150	N	20	<5	70	N	7	N	500
RN0081S	.1	<5	<10	<5	300	100	N	20	N	30	N	5	N	500
RN0082S	N	10	30	5	400	100	N	30	5	30	N	7	N	700
RN0083S	N	7	10	5	400	300	7	20	20	50	N	7	N	700
RN0084S	.1	5	15	<5	400	100	7	30	20	30	N	7	N	700
RN0085S	.6	10	20	15	400	100	10	20	30	300	N	10	N	500
RN0086S	.2	5	10	10	400	70	N	<20	10	30	N	5	N	500
RN0087S	.2	<5	<10	<5	400	100	N	<20	5	30	N	5	N	500
RN0088S	.2	5	30	15	500	70	<5	20	15	15	N	5	N	200
RN0089S	.9	7	10	50	400	100	N	N	15	30	N	5	N	300
RN0090S	1.1	10	50	15	400	70	N	30	10	100	<2	10	N	300
RN0091S	2.3	N	N	10	300	50	N	<20	7	50	<2	<5	N	<100
RN0092S	.4	<5	<10	<5	200	100	N	20	5	30	<2	5	N	500

TABLE 3.--ANALYSES OF STREAM-SEDIMENT SAMPLES--Continued

Sample	Th-ppm s	U-inst	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zn-ppm aa	Zr-ppm s
RN0047S	N	--	50	N	50	N	40	200
RN0048S	N	12.00	70	N	30	N	65	150
RN0049S	N	11.00	50	N	30	N	50	200
RN0050S	N	2.60	150	N	50	N	35	300
RN0051S	N	10.00	70	N	50	N	60	300
RN0052S	N	12.00	100	N	50	N	70	300
RN0053S	N	--	70	N	30	N	70	700
RN0054S	N	4.50	100	N	70	N	50	>1,000
RN0055S	<100	3.10	70	N	70	N	50	>1,000
RN0056S	N	5.50	100	N	50	N	90	700
RN0057S	N	11.00	70	N	50	N	50	500
RN0058S	N	17.00	50	N	30	N	60	300
RN0059S	N	16.00	50	N	30	N	50	200
RN0060S	N	7.00	50	N	20	N	30	200
RN0061S	N	4.30	70	N	50	N	70	500
RN0062S	<100	7.80	70	N	100	N	50	200
RN0063S	N	47.00	70	N	20	N	60	200
RN0065S	N	8.30	70	N	50	N	65	300
RN0066S	N	2.20	70	N	30	N	70	200
RN0067S	N	13.00	70	N	50	N	70	300
RN0068S	N	20.00	50	N	30	N	70	200
RN0069S	N	18.00	70	N	30	N	50	500
RN0070S	N	14.00	100	N	50	N	80	500
RN0071S	N	72.00	50	N	30	N	65	200
RN0072S	N	3.90	70	N	30	N	70	300
RN0073S	N	3.00	100	N	30	300	250	200
RN0074S	N	18.00	70	N	30	N	90	200
RN0075S	N	3.90	100	N	20	N	90	150
RN0076S	N	5.40	70	N	50	N	55	200
RN0077S	<100	2.10	50	N	50	N	70	200
RN0078S	N	6.00	30	N	15	N	70	200
RN0079S	N	4.20	50	N	20	N	75	150
RN0080S	N	--	50	N	20	N	80	150
RN0081S	N	14.00	50	N	20	N	55	200
RN0082S	N	9.40	70	N	20	N	70	200
RN0083S	N	18.00	50	N	20	N	65	200
RN0084S	N	24.00	50	N	20	N	60	200
RN0085S	N	6.30	50	N	20	<200	110	150
RN0086S	N	4.40	70	N	20	N	55	200
RN0087S	N	5.60	30	N	20	N	55	150
RN0088S	N	20.00	100	N	20	N	65	150
RN0089S	N	25.00	70	N	50	N	120	200
RN0090S	N	46.00	50	N	50	300	230	200
RN0091S	N	60.00	20	N	50	500	260	100
RN0092S	N	10.00	30	N	15	N	75	200

TABLE 3.--ANALYSES OF STREAM-SEDIMENT SAMPLES--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	As-ppm aa	B-ppm s	Ba-ppm s	Be-ppm s
RN0093S	44 27 48	114 55 41	1.50	.50	1.00	.30	500	N	N	5	20	1,000	2.0
RN0094S	44 28 5	114 55 21	2.00	.50	.70	.30	500	N	N	<5	15	700	7.0
RN0095S	44 28 13	114 55 23	2.00	1.00	.50	.30	500	<.5	N	35	100	1,000	3.0
RN0096S	44 28 32	114 55 3	3.00	1.50	1.00	.50	700	<.5	N	10	20	1,000	2.0
RN0097S	44 28 47	114 54 54	5.00	2.00	1.50	.70	700	N	N	5	10	1,000	1.5
RN0098S	44 29 16	114 54 54	2.00	.50	.50	.20	300	N	N	5	30	1,000	3.0
RN0099S	44 29 23	114 54 43	5.00	1.00	1.50	.50	1,500	N	N	15	10	1,000	2.0
RN0100S	44 30 23	114 53 23	5.00	1.00	1.50	.70	1,500	N	N	15	<10	700	3.0
RN0101S	44 30 47	114 52 38	2.00	1.00	.70	.50	700	N	N	25	10	500	2.0
RN0102S	44 30 14	114 55 23	1.00	.50	.30	.15	500	N	N	20	30	700	2.0
RN0103S	44 30 16	114 55 21	2.00	.70	.30	.15	500	N	N	20	100	700	2.0
RN0104S	44 32 12	114 55 56	2.00	.70	.50	.30	500	N	N	35	50	1,000	2.0
RN0105S	44 30 53	114 59 15	1.50	1.00	.70	.20	300	N	N	70	100	1,000	5.0
RN0106S	44 31 16	114 59 14	1.50	.70	.70	.20	300	N	N	40	50	1,500	2.0
RN0107S	44 31 25	114 59 22	2.00	1.00	1.00	.30	700	N	N	10	50	1,500	3.0
RN0108S	44 32 22	114 59 0	1.50	.50	1.00	.20	500	N	N	10	20	1,000	2.0
RN0109S	44 33 43	114 57 37	1.50	.30	1.00	.20	300	.5	N	<5	50	1,500	2.0
RN0110S	44 33 39	114 57 36	2.00	.70	.50	.20	300	N	N	25	50	1,500	2.0
RN0111S	44 33 28	114 57 53	2.00	1.00	.50	.30	500	N	N	30	70	1,000	2.0
RN0112S	44 33 17	114 58 26	2.00	.50	.70	.30	500	N	N	15	50	700	3.0
RN0113S	44 32 58	114 59 50	3.00	.70	1.00	.50	1,000	N	N	5	100	1,000	2.0
RN0114S	44 32 7	114 54 26	3.00	.50	.50	.70	500	N	N	10	50	1,000	2.0
RN0115S	44 32 8	114 53 16	1.00	.30	.30	.20	500	N	N	10	20	1,000	2.0
RN0116S	44 32 21	114 52 37	2.00	5.00	3.00	.20	500	<.5	N	35	70	500	1.0
RN0117S	44 34 10	115 17 56	1.50	.70	1.00	.50	500	N	N	<5	10	1,000	2.0
RN0118S	44 34 53	115 18 18	2.00	1.50	1.50	.70	1,000	1.5	N	10	10	1,000	2.0
RN0119S	44 35 42	115 17 19	3.00	1.00	1.50	1.00	700	N	N	5	10	1,000	2.0
RN0120S	44 35 43	115 17 39	5.00	1.00	2.00	1.00	700	<.5	N	10	20	1,000	3.0
RN0122S	44 36 18	115 15 35	5.00	1.50	2.00	1.00	700	.7	N	5	15	700	3.0
RN0124S	44 37 8	115 13 38	2.00	1.00	1.00	1.00	700	N	N	5	15	1,000	1.5
RN0128S	44 38 34	115 10 51	2.00	1.00	1.00	.50	500	N	N	10	20	1,000	2.0
RN0130S	44 38 48	115 9 46	3.00	1.50	1.50	.70	700	N	N	N	30	1,000	1.0
RN0131S	44 38 44	115 9 51	2.00	1.00	1.00	.50	500	N	N	N	30	1,000	1.5
RN0132S	44 39 5	115 10 2	2.00	.70	1.00	.70	500	N	N	N	20	700	1.5
RN0133S	44 38 16	114 55 43	5.00	2.00	2.00	1.00	500	N	N	N	10	700	1.0
RN0134S	44 38 32	114 55 14	5.00	1.00	1.50	.70	700	N	N	N	20	500	2.0
RN0135S	44 37 17	114 54 23	3.00	1.00	1.50	.50	1,000	N	N	N	<10	500	1.5
RN0136S	44 37 16	114 54 22	10.00	2.00	2.00	1.00	1,500	N	N	N	10	700	1.0
RN0137S	44 37 53	114 54 0	3.00	.50	1.00	.30	1,000	N	N	N	20	700	3.0
RN0138S	44 37 52	114 54 4	5.00	3.00	2.00	>1.00	700	N	N	N	10	1,000	1.0
RN0139S	44 38 27	114 54 7	2.00	1.00	.70	.50	300	N	N	5	15	1,000	2.0
RN0140S	44 38 23	114 53 58	5.00	1.50	2.00	.70	1,000	N	N	<5	20	1,000	2.0
RN0141S	44 39 23	114 47 30	2.00	1.00	1.00	.50	500	N	N	<5	20	1,000	2.0
RN0142S	44 39 18	114 47 49	3.00	.70	1.00	.50	500	N	N	<5	20	700	2.0
RN0143S	44 39 16	114 47 51	2.00	.50	1.00	.30	500	N	N	<5	20	1,000	3.0

TABLE 3.--ANALYSES OF STREAM-SEDIMENT SAMPLES--Continued

Sample	Cd-ppm aa	Co-ppm s	Cr-ppm s	Cu-ppm s	F-ppm si	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm aa	Sc-ppm s	Sn-ppm s	Sr-ppm s
RN0093S	.5	<5	30	10	300	150	N	20	7	50	N	7	N	700
RN0094S	.7	10	50	10	300	100	<5	30	7	70	N	10	N	300
RN0095S	.5	10	20	20	500	100	N	<20	15	100	N	5	N	300
RN0096S	.3	15	70	15	600	100	5	20	20	70	N	10	N	300
RN0097S	.2	20	100	10	600	200	N	20	15	50	N	15	N	500
RN0098S	.4	5	10	10	300	100	N	30	5	50	N	5	N	700
RN0099S	.2	10	20	30	400	200	N	<20	20	30	N	10	N	500
RN0100S	.2	10	20	30	600	200	<5	20	15	30	N	10	N	300
RN0101S	.5	15	100	15	400	150	5	30	30	50	<2	10	N	200
RN0102S	.5	N	10	15	500	150	N	50	10	30	<2	5	N	200
RN0103S	.2	10	50	20	400	70	N	20	30	10	<2	7	N	<100
RN0104S	.2	10	20	10	500	500	N	30	10	30	<2	7	N	700
RN0105S	.5	10	50	20	700	100	<5	30	20	20	2	10	N	200
RN0106S	.1	5	30	15	500	150	<5	30	10	20	N	7	N	500
RN0107S	.7	10	50	20	400	100	N	20	20	50	N	10	N	500
RN0108S	.2	5	10	10	300	200	N	20	7	30	N	5	N	700
RN0109S	N	5	70	<5	400	>1,000	N	50	10	20	N	5	N	500
RN0110S	N	7	10	10	600	1,000	7	30	7	20	N	N	N	500
RN0111S	N	7	100	<5	600	500	7	30	20	20	<2	5	N	500
RN0112S	.2	5	<10	5	500	200	N	<20	5	15	N	<5	N	500
RN0113S	.1	5	10	10	500	300	<5	<20	7	10	N	<5	N	500
RN0114S	.1	5	<10	5	700	300	N	20	5	<10	N	<5	N	500
RN0115S	.2	<5	N	5	400	200	N	20	5	20	<2	5	N	500
RN0116S	1.8	10	20	15	400	50	7	<20	30	50	2	10	N	200
RN0117S	1.3	10	20	15	700	200	N	50	7	70	N	10	N	500
RN0118S	4.1	15	70	20	600	100	N	50	30	200	N	15	N	500
RN0119S	.5	10	50	5	700	500	10	100	20	50	N	15	N	500
RN0120S	1.0	20	100	10	700	300	N	50	30	150	N	15	N	500
RN0122S	.6	15	50	15	1,000	100	<5	50	7	70	N	15	N	500
RN0124S	.2	10	50	10	200	500	N	50	15	20	N	15	N	500
RN0128S	.3	10	50	10	300	70	N	20	10	50	N	10	N	500
RN0130S	N	15	70	100	500	200	N	30	20	50	N	15	N	500
RN0131S	N	10	50	10	500	500	N	30	15	15	N	7	N	500
RN0132S	N	10	50	5	400	200	N	20	10	15	N	15	N	500
RN0133S	N	20	100	10	500	70	N	20	30	20	N	20	N	700
RN0134S	N	10	100	7	900	100	N	20	15	10	N	10	N	500
RN0135S	N	10	100	5	400	50	N	N	10	<10	N	15	N	300
RN0136S	N	20	300	5	300	100	N	<20	20	15	N	30	N	500
RN0137S	N	5	50	<5	200	70	N	<20	7	15	N	5	N	200
RN0138S	.1	30	200	10	200	100	N	50	20	10	N	30	N	700
RN0139S	.1	15	30	15	600	100	N	30	10	30	N	10	N	500
RN0140S	N	20	100	<5	400	150	N	20	15	50	N	20	N	700
RN0141S	N	15	100	10	400	50	N	<20	30	30	N	15	N	500
RN0142S	N	15	70	10	300	150	<5	20	15	50	N	15	N	500
RN0143S	N	5	10	5	200	300	N	20	10	50	N	5	N	500

TABLE 3.--ANALYSES OF STREAM-SEDIMENT SAMPLES--Continued

Sample	Th-ppm s	U-inst	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zn-ppm aa	Zr-ppm s
RN0093S	N	>100.00	50	N	30	N	75	300
RN0094S	N	20.00	50	N	50	300	270	200
RN0095S	N	23.00	70	N	70	N	100	200
RN0096S	N	44.00	100	N	30	N	85	200
RN0097S	N	56.00	100	N	50	N	60	300
RN0098S	N	6.30	30	N	30	N	45	150
RN0099S	N	8.00	70	N	20	<200	100	500
RN0100S	N	35.00	100	N	30	N	70	500
RN0101S	N	35.00	50	N	30	N	85	200
RN0102S	N	10.00	50	N	30	N	55	200
RN0103S	N	3.10	100	N	30	N	35	150
RN0104S	N	5.90	50	N	50	N	65	300
RN0105S	N	8.60	100	N	50	<200	120	200
RN0106S	N	18.00	70	N	30	N	70	200
RN0107S	N	13.00	70	N	20	N	110	200
RN0108S	N	19.00	50	N	50	N	60	200
RN0109S	150	3.00	50	N	100	N	45	200
RN0110S	100	4.70	50	N	70	N	50	300
RN0111S	N	3.70	50	N	50	N	55	300
RN0112S	N	5.30	20	N	50	N	55	300
RN0113S	N	3.60	50	N	50	N	55	300
RN0114S	<100	6.20	50	N	50	N	60	300
RN0115S	N	3.50	20	N	20	N	70	200
RN0116S	N	2.90	100	N	20	N	190	300
RN0117S	<100	30.00	50	N	50	N	120	500
RN0118S	N	15.00	70	N	30	500	450	200
RN0119S	N	9.90	70	N	70	N	65	300
RN0120S	N	12.00	150	N	50	<200	150	300
RN0122S	N	17.00	70	N	50	N	100	200
RN0124S	N	13.00	70	100	50	N	50	1,000
RN0128S	N	30.00	70	N	30	N	60	200
RN0130S	N	2.10	100	N	20	N	70	700
RN0131S	N	3.90	70	N	70	N	75	500
RN0132S	N	6.90	50	N	70	N	50	500
RN0133S	N	.90	100	N	20	N	75	150
RN0134S	N	1.80	100	N	20	N	65	500
RN0135S	N	1.50	70	N	15	N	50	200
RN0136S	N	.60	300	N	20	N	60	500
RN0137S	N	1.10	20	N	15	N	35	300
RN0138S	N	2.50	150	N	30	N	70	300
RN0139S	N	1.70	70	N	20	N	90	200
RN0140S	N	1.60	100	N	50	N	50	200
RN0141S	N	3.70	70	N	30	N	65	500
RN0142S	N	2.10	70	N	30	N	60	200
RN0143S	N	2.10	30	N	30	N	40	500

TABLE 3.--ANALYSES OF STREAM-SEDIMENT SAMPLES--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	As-ppm aa	B-ppm s	Ba-ppm s	Be-ppm s
RN0144S	44 29 8	114 51 17	2.00	1.00	.50	.20	500	N	N	5	<10	500	10.0
RN0145S	44 27 29	114 51 2	3.00	.50	.50	.30	700	<.5	N	55	20	700	5.0
RN0146S	44 27 33	114 51 9	1.50	.50	.50	.30	300	N	N	15	30	1,000	3.0
RN0147S	44 28 41	114 50 35	2.00	.70	1.00	.50	500	N	N	35	70	700	3.0
RN0148S	44 28 38	114 50 41	2.00	.50	.30	.20	500	N	N	15	20	700	2.0
RN0150S	44 39 47	114 47 8	2.00	.70	.70	.50	300	N	N	<5	30	1,000	2.0
RN0151S	44 39 56	114 47 12	3.00	.70	.70	.70	500	N	N	N	20	1,000	2.0
RN0152S	44 40 50	114 46 10	2.00	.50	.50	.30	300	N	N	N	20	1,000	2.0
RN0153S	44 40 12	114 49 8	3.00	1.50	1.50	.70	1,000	N	N	N	15	1,000	2.0
RN0155S	44 27 27	114 51 5	2.00	.70	.70	.30	700	N	N	30	20	700	5.0
RN0156S	44 34 59	114 45 53	5.00	.70	1.00	.50	1,000	N	N	N	20	500	3.0
RN0157S	44 34 50	114 45 53	7.00	1.00	1.50	1.00	1,000	N	N	N	10	700	1.5
RN0158S	44 35 32	114 45 55	5.00	1.00	.70	.70	1,000	N	N	N	10	500	2.0
RN0159S	44 35 39	114 45 50	2.00	.50	1.50	.50	1,000	N	N	N	10	700	3.0
RN0160S	44 35 1	114 48 48	2.00	2.00	1.50	.30	500	N	N	5	70	1,000	1.5
RN0161S	44 32 53	114 54 15	1.50	.50	.50	.30	300	.5	N	15	50	1,000	1.5
RN0162S	44 32 54	114 54 13	2.00	.70	.50	.50	500	N	N	20	70	1,000	1.5
RN0163S	44 32 18	114 52 57	2.00	.70	.50	.50	300	N	N	10	70	1,000	1.5
RN0164S	44 34 2	114 52 58	3.00	1.50	1.50	.70	500	N	N	45	70	700	2.0
RN0165S	44 34 6	114 52 59	5.00	1.50	1.00	.70	700	N	N	35	50	700	2.0
RN0166S	44 33 2	114 51 36	2.00	5.00	3.00	.20	500	.5	N	20	150	500	1.0
RN0167S	44 33 7	114 51 33	5.00	1.50	1.50	.70	700	N	N	50	50	700	1.5
RN0168S	44 31 38	114 51 16	3.00	1.50	1.50	.70	700	N	N	5	15	1,000	2.0
RN0169S	44 31 18	114 52 0	3.00	1.00	.50	.50	1,000	N	N	5	150	700	3.0
RN0170S	44 31 38	114 40 10	1.00	.15	.30	.30	300	N	N	N	15	300	3.0
RN0171S	44 31 36	114 40 21	1.00	.15	.50	.15	500	N	N	N	20	200	15.0
RN0172S	44 32 13	114 40 22	1.50	.07	.20	.70	500	N	N	N	10	200	3.0
RN0173S	44 32 22	114 40 38	1.00	.10	.30	.20	200	N	N	N	15	300	3.0
RN0174S	44 32 44	114 40 58	3.00	.50	.70	.70	500	N	N	N	<10	500	3.0
RN0175S	44 33 2	114 40 57	2.00	.10	.50	.30	700	N	N	N	20	200	5.0
RN0176S	44 33 18	114 41 8	2.00	.20	1.00	.50	700	N	N	N	<10	500	2.0
RN0177S	44 29 33	114 49 20	1.50	.50	.30	.20	500	N	N	10	20	1,000	1.5
RN0178S	44 29 34	114 49 30	2.00	.70	1.00	.50	500	<.5	N	15	20	1,000	2.0
RN0179S	44 30 4	114 49 44	3.00	1.00	1.00	.50	700	1.0	N	10	20	700	3.0
RN0180S	44 30 33	114 50 2	1.50	.50	1.00	.30	500	N	N	<5	50	700	1.5
RN0181S	44 30 38	114 51 24	2.00	1.00	1.50	.50	500	N	N	10	20	700	1.5
RN0182S	44 29 11	114 50 53	2.00	.70	1.00	.30	700	<.5	N	25	20	1,000	3.0
RN0183S	44 27 29	114 44 52	3.00	1.00	.30	.50	700	N	N	N	<10	1,000	3.0
RN0184S	44 28 33	114 43 47	3.00	.10	.10	.30	1,000	N	N	10	10	1,000	7.0
RN0185S	44 29 49	114 43 58	5.00	1.00	1.00	.50	1,000	N	N	N	10	500	5.0
RN0186S	44 30 6	114 44 12	5.00	1.50	1.50	.50	700	N	N	N	10	700	2.0
RN0187S	44 30 12	114 44 24	10.00	5.00	2.00	1.00	1,000	N	N	N	10	500	1.0
RN0188S	44 31 37	114 41 37	1.50	.30	.30	.15	500	N	N	<5	<10	300	7.0
RN0189S	44 31 38	114 41 37	5.00	.50	1.50	1.00	700	N	N	<5	15	1,500	2.0
RN0190S	44 31 52	114 41 16	2.00	.15	1.00	.20	700	N	N	<5	10	300	5.0

TABLE 3.--ANALYSES OF STREAM-SEDIMENT SAMPLES--Continued

Sample	Cd-ppm aa	Co-ppm s	Cr-ppm s	Cu-ppm s	F-ppm si	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm aa	Sc-ppm s	Sn-ppm s	Sr-ppm s
RN0144S	1.0	10	50	15	200	150	N	50	15	50	<2	10	70	200
RN0145S	.8	15	70	50	600	100	100	20	20	70	N	10	N	500
RN0146S	.2	5	10	10	300	70	N	20	5	15	N	5	N	300
RN0147S	1.3	7	30	20	500	100	N	20	30	50	N	7	N	300
RN0148S	.7	5	10	15	400	200	10	20	5	30	N	5	N	300
RN0150S	N	10	70	7	400	50	N	20	10	30	N	10	N	300
RN0151S	N	15	100	10	400	100	N	20	10	50	N	10	N	300
RN0152S	.1	7	10	10	600	100	N	20	7	50	N	10	N	200
RN0153S	N	20	150	10	400	200	N	20	15	50	N	15	N	500
RN0155S	1.0	10	50	15	400	150	10	50	15	50	N	7	N	300
RN0156S	.1	10	10	10	1,200	70	N	20	7	20	N	7	N	300
RN0157S	N	10	30	7	400	100	N	20	10	15	N	15	N	300
RN0158S	.1	10	20	7	500	50	N	<20	10	15	N	7	N	200
RN0159S	.1	5	20	5	300	200	N	N	5	20	N	5	N	500
RN0160S	1.3	10	50	15	400	100	N	20	20	20	<2	10	N	500
RN0161S	.2	5	10	10	300	150	N	20	5	20	<2	5	N	500
RN0162S	.2	10	30	10	500	300	N	50	10	20	<2	10	N	500
RN0163S	.2	5	10	5	600	150	N	30	7	15	N	7	N	500
RN0164S	.1	15	50	15	700	100	N	30	20	15	N	10	N	500
RN0165S	N	15	70	10	700	200	10	50	30	20	N	20	N	500
RN0166S	1.6	7	70	15	600	50	5	N	30	10	N	7	N	<100
RN0167S	.1	20	70	15	200	150	N	30	20	20	N	15	N	500
RN0168S	.2	15	50	10	600	100	N	50	15	50	N	15	N	700
RN0169S	.2	10	20	10	500	100	N	50	7	50	N	10	N	500
RN0170S	.1	<5	10	<5	400	150	N	70	<5	50	N	<5	N	N
RN0171S	.6	<5	<10	10	200	200	N	50	5	100	N	<5	N	N
RN0172S	N	N	N	N	100	100	N	150	<5	50	N	5	N	N
RN0173S	N	N	N	5	100	100	N	50	5	50	N	<5	N	N
RN0174S	.2	5	N	10	300	70	N	N	<5	10	N	5	N	<100
RN0175S	.1	<5	N	N	200	70	N	20	N	30	N	<5	N	N
RN0176S	.1	5	<10	N	300	70	N	N	N	N	N	5	N	150
RN0177S	.4	5	N	7	500	150	N	30	5	50	<2	5	N	500
RN0178S	1.3	10	20	15	500	300	<5	50	10	30	N	10	N	300
RN0179S	2.1	15	20	100	700	100	N	50	10	150	N	10	N	500
RN0180S	.2	5	10	10	500	100	N	20	7	20	N	5	N	500
RN0181S	.4	10	20	15	700	200	N	50	10	20	N	10	N	500
RN0182S	1.1	7	50	15	500	150	7	20	10	70	N	7	N	500
RN0183S	.1	15	30	10	1,500	70	N	20	5	20	N	15	N	<100
RN0184S	.2	<5	N	5	400	50	<5	30	5	50	N	5	N	N
RN0185S	.1	10	50	10	300	50	N	20	10	20	N	10	N	200
RN0186S	N	15	100	10	200	100	N	N	30	15	N	20	N	300
RN0187S	N	20	150	20	300	50	N	N	100	10	N	30	N	300
RN0188S	.3	5	<10	5	300	150	N	50	<5	50	<2	5	N	<100
RN0189S	.2	15	50	7	300	500	N	50	7	30	<2	15	N	500
RN0190S	.3	<5	10	5	100	300	N	50	5	70	<2	5	N	150

TABLE 3.--ANALYSES OF STREAM-SEDIMENT SAMPLES--Continued

Sample	Th-ppm s	U-inst	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zn-ppm aa	Zr-ppm s
RN0144S	N	14.00	50	N	50	300	210	500
RN0145S	N	30.00	70	N	50	<200	110	150
RN0146S	N	8.70	30	N	20	N	60	200
RN0147S	N	6.40	70	N	30	<200	160	200
RN0148S	N	4.70	50	N	30	N	80	200
RN0150S	N	2.10	50	N	20	N	55	300
RN0151S	N	.80	70	N	20	N	60	200
RN0152S	N	2.00	50	N	30	N	50	300
RN0153S	N	.55	100	N	30	N	70	300
RN0155S	N	48.00	50	N	100	N	95	200
RN0156S	N	4.70	50	N	20	N	65	300
RN0157S	N	6.40	200	N	20	N	65	700
RN0158S	N	.95	100	N	10	N	65	500
RN0159S	N	4.00	20	N	20	N	20	500
RN0160S	N	1.90	70	N	15	N	65	200
RN0161S	N	6.40	50	N	20	N	55	150
RN0162S	N	6.10	70	N	50	N	75	500
RN0163S	N	3.20	50	N	20	N	60	200
RN0164S	N	5.30	100	50	30	N	75	500
RN0165S	N	14.00	100	50	50	N	75	1,000
RN0166S	N	3.00	200	N	20	300	230	300
RN0167S	N	19.00	70	N	30	N	70	500
RN0168S	N	29.00	70	N	50	N	90	150
RN0169S	N	4.20	70	N	30	N	90	150
RN0170S	N	2.30	20	N	50	N	60	200
RN0171S	N	44.00	15	N	300	N	90	200
RN0172S	N	2.50	10	N	70	N	80	1,000
RN0173S	N	3.40	10	N	70	N	60	200
RN0174S	N	10.00	30	N	50	N	70	500
RN0175S	N	.95	10	N	30	N	30	500
RN0176S	N	.75	20	N	20	N	65	300
RN0177S	N	6.60	30	N	30	N	75	200
RN0178S	N	19.00	50	N	50	N	140	300
RN0179S	N	7.30	70	N	30	<200	220	200
RN0180S	N	7.50	30	N	20	N	75	200
RN0181S	N	8.30	70	N	50	N	95	500
RN0182S	N	12.00	70	N	30	<200	110	150
RN0183S	N	.50	70	N	30	N	80	200
RN0184S	N	.60	<10	N	30	N	80	500
RN0185S	N	5.00	100	N	50	N	70	500
RN0186S	N	.75	100	N	20	N	50	500
RN0187S	N	1.70	200	N	20	N	55	200
RN0188S	N	6.40	30	N	50	N	65	200
RN0189S	N	1.50	70	N	50	N	40	1,000
RN0190S	N	1.90	20	N	50	N	35	700

TABLE 3.--ANALYSES OF STREAM-SEDIMENT SAMPLES--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	As-ppm aa	B-ppm s	Ba-ppm s	Be-ppm s
RN0191S	44 32 18	114 43 34	3.00	1.50	2.00	1.00	700	N	N	N	10	700	1.5
RN0192S	44 32 17	114 43 39	3.00	2.00	2.00	.50	700	N	N	N	10	1,000	1.5
RN0193S	44 30 25	114 38 22	2.00	.20	.30	.20	500	N	N	5	20	100	7.0
RN0194S	44 30 59	114 38 57	1.50	.05	.10	.20	500	N	N	N	20	20	7.0
RN0195S	44 30 56	114 39 2	2.00	.20	.30	.20	700	N	N	5	20	300	7.0
RN0196S	44 31 11	114 39 22	1.50	.20	.50	.20	700	N	N	5	20	500	7.0
RN0197S	44 39 7	114 37 43	2.00	.30	.70	.30	500	N	N	<5	20	2,000	2.0
RN0198S	44 39 27	114 39 5	1.50	.20	.30	.30	300	N	N	N	20	1,500	1.5
RN0201S	44 39 32	114 40 57	1.50	.30	.30	.20	500	.7	N	10	20	1,000	3.0
RN0202S	44 33 14	114 38 39	1.50	.10	.20	.15	300	N	N	N	10	500	3.0
RN0203S	44 33 17	114 38 30	1.50	.20	.50	.20	500	N	N	N	10	300	3.0
RN0204S	44 33 26	114 38 27	1.50	.10	.30	.50	700	.5	N	N	<10	500	2.0
RN0205S	44 32 58	114 38 44	2.00	.20	.50	.20	700	N	N	N	15	700	5.0
RN0206S	44 33 43	114 37 55	2.00	.30	.50	.30	1,000	N	N	N	15	1,500	3.0
RN0207S	44 33 39	114 37 40	3.00	.70	1.50	.50	700	N	N	N	10	1,500	2.0
RN0208S	44 34 42	114 38 59	1.50	.15	1.00	.15	700	N	N	N	15	1,000	2.0
RN0209S	44 34 38	114 38 58	2.00	.30	1.00	.30	1,000	N	N	N	15	1,000	3.0
RN0210S	44 34 27	114 36 55	2.00	.50	.70	.20	700	.5	N	N	20	700	3.0
RN0213S	44 35 28	114 36 36	1.50	.15	.50	.20	500	N	N	N	10	700	3.0
RN0214S	44 34 28	114 39 56	1.50	.20	.50	.10	700	N	N	N	10	1,000	2.0
RN0215S	44 34 31	114 41 48	2.00	.50	.50	.20	300	N	N	N	10	1,500	2.0
RN0216S	44 34 33	114 42 0	1.50	.20	.20	.20	700	N	N	N	15	1,000	2.0
RN0217S	44 35 11	114 37 38	1.00	.15	.30	.10	500	N	N	N	15	200	10.0
RN0218S	44 35 8	114 37 37	1.50	.15	.70	.20	700	N	N	N	10	1,000	2.0
RN0219S	44 34 22	114 42 16	1.50	.20	.15	.15	500	N	N	N	10	1,000	2.0
RN0220S	44 33 59	114 42 28	5.00	1.00	1.00	.50	1,000	N	N	N	10	700	2.0
RN0221S	44 36 18	114 41 4	3.00	.50	1.00	.50	500	N	N	N	10	1,000	2.0
RN0222S	44 36 20	114 40 55	3.00	.50	.50	.50	700	N	N	N	10	1,000	2.0
RN0223S	44 36 12	114 38 38	5.00	.50	1.00	.70	1,500	N	N	N	10	1,000	3.0
RN0224S	44 36 13	114 38 39	2.00	.20	1.50	.20	1,000	1.0	N	<5	15	2,000	2.0
RN0225S	44 36 25	114 38 7	3.00	1.00	2.00	.50	700	N	N	<5	10	500	3.0
RN0226S	44 36 34	114 36 52	2.00	.20	1.50	.50	1,000	N	N	N	10	2,000	2.0
RN0227S	44 37 6	114 39 10	2.00	.30	.70	.20	700	<.5	N	<5	15	2,000	3.0
RN0228S	44 37 7	114 39 14	2.00	.50	.70	.20	500	N	N	N	15	2,000	2.0
RN0229S	44 37 23	114 38 46	1.50	.30	1.00	.50	500	N	N	N	10	2,000	2.0
RN0230S	44 37 58	114 38 55	2.00	.50	.50	.30	1,000	<.5	N	N	20	1,500	3.0
RN0231S	44 41 1	114 38 28	1.50	.30	.20	.20	300	N	N	N	15	1,000	2.0
RN0232S	44 41 22	114 38 5	1.50	.20	.50	.15	500	N	N	N	15	1,500	2.0
RN0233S	44 41 44	114 37 21	1.50	.15	.20	.15	500	.5	N	<5	20	1,500	2.0
RN0234S	44 41 57	114 36 44	2.00	.50	.30	.30	700	.7	N	<5	20	1,000	5.0
RN0235S	44 41 55	114 36 42	1.00	.30	.20	.15	500	N	N	N	10	1,000	2.0
RN0236S	44 42 3	114 35 52	1.50	.30	.20	.20	700	<.5	N	N	15	1,500	3.0
RN0237S	44 42 6	114 35 53	1.50	.30	.20	.15	300	<.5	N	N	20	700	2.0
RN0238S	44 44 33	114 42 34	1.50	.70	.20	.20	300	N	N	N	10	1,000	2.0
RN0239S	44 44 31	114 42 33	1.50	.50	.30	.15	300	N	N	<5	10	1,000	2.0

TABLE 3.--ANALYSES OF STREAM-SEDIMENT SAMPLES--Continued

Sample	Cd-ppm aa	Co-ppm s	Cr-ppm s	Cu-ppm s	F-ppm si	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm aa	Sc-ppm s	Sn-ppm s	Sr-ppm s
RN0191S	N	20	100	15	400	100	N	<20	20	20	N	20	N	500
RN0192S	N	20	70	10	500	50	N	<20	15	20	N	15	N	500
RN0193S	.3	N	N	7	200	100	<5	30	<5	50	N	N	N	N
RN0194S	.2	N	N	<5	100	70	N	50	<5	30	N	N	N	N
RN0195S	.3	5	<10	5	200	150	N	50	5	30	<2	5	N	150
RN0196S	.4	5	<10	7	200	100	N	50	5	50	<2	5	N	150
RN0197S	.2	5	10	5	400	200	N	20	N	20	<2	10	N	500
RN0198S	N	<5	<10	<5	600	50	N	30	N	15	N	7	N	200
RN0201S	.1	<5	<10	10	1,200	150	<5	20	<5	50	N	7	N	<100
RN0202S	.3	N	N	<5	300	150	N	50	N	50	N	<5	N	N
RN0203S	N	<5	N	<5	200	150	N	50	N	30	N	5	N	<100
RN0204S	.2	N	N	<5	200	200	<5	70	N	70	N	7	N	N
RN0205S	.2	<5	10	7	200	150	N	50	<5	70	N	7	N	<100
RN0206S	.1	5	10	5	200	100	N	50	<5	50	N	10	N	200
RN0207S	N	15	10	5	200	200	N	30	<5	50	N	15	N	300
RN0208S	.1	5	N	<5	600	150	N	20	<5	50	N	<5	N	500
RN0209S	.2	5	N	<5	800	200	N	30	<5	50	N	5	N	500
RN0210S	.2	5	10	15	500	100	N	20	5	50	N	10	N	200
RN0213S	N	<5	<10	<5	300	200	N	50	N	50	N	5	N	200
RN0214S	.1	N	<10	<5	300	70	N	20	N	30	N	<5	N	200
RN0215S	N	5	10	7	300	100	N	20	<5	50	N	7	N	300
RN0216S	.1	5	<10	5	300	100	N	30	N	50	N	7	N	200
RN0217S	.1	N	<10	7	300	100	N	50	<5	70	N	N	N	<100
RN0218S	N	N	<10	N	200	300	N	20	N	50	N	<5	N	200
RN0219S	N	N	<10	<5	400	70	N	20	<5	50	N	5	N	<100
RN0220S	.2	10	50	15	500	100	N	<20	10	50	N	10	N	200
RN0221S	.1	5	<10	<5	400	300	<5	<20	5	20	N	10	N	500
RN0222S	.1	5	<10	<5	400	200	<5	20	5	20	N	10	N	200
RN0223S	.2	<5	<10	5	200	200	<5	20	5	30	N	5	N	200
RN0224S	.3	5	<10	<5	200	300	N	20	N	50	<2	7	N	500
RN0225S	.3	20	20	15	200	100	N	50	10	50	<2	15	N	500
RN0226S	.2	5	30	<5	200	300	N	30	<5	50	<2	10	N	500
RN0227S	.2	5	<10	7	300	150	N	20	<5	50	<2	10	N	500
RN0228S	.1	5	<10	5	500	150	N	20	N	50	N	10	N	500
RN0229S	N	5	<10	<5	400	200	N	20	N	30	N	10	N	500
RN0230S	.2	5	10	7	500	70	<5	20	<5	50	<2	10	N	200
RN0231S	.1	5	10	5	800	50	N	20	5	30	N	7	N	200
RN0232S	.1	<5	N	5	600	100	N	20	<5	30	N	7	N	200
RN0233S	.2	<5	<10	10	600	70	N	20	5	50	N	7	N	<100
RN0234S	.6	10	50	15	400	100	N	20	15	70	N	10	N	300
RN0235S	N	<5	10	<5	400	70	N	20	<5	50	N	<5	N	200
RN0236S	N	<5	<10	5	400	70	N	20	<5	30	N	7	N	200
RN0237S	N	5	10	5	400	50	N	20	5	50	N	5	N	<100
RN0238S	N	7	20	5	400	100	N	<20	10	20	N	7	N	300
RN0239S	N	7	20	5	400	100	N	<20	10	20	N	7	N	200

TABLE 3.--ANALYSES OF STREAM-SEDIMENT SAMPLES--Continued

Sample	Th-ppm s	U-inst	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zn-ppm aa	Zr-ppm s
RN0191S	N	1.30	100	N	20	N	65	300
RN0192S	N	2.70	70	N	20	N	65	200
RN0193S	N	4.30	15	N	50	N	70	500
RN0194S	N	2.00	<10	N	50	N	60	500
RN0195S	N	4.60	30	N	50	N	65	300
RN0196S	N	7.10	30	N	50	N	80	200
RN0197S	N	.75	30	N	30	N	50	300
RN0198S	N	.85	20	N	20	N	40	300
RN0201S	N	4.60	20	N	50	N	55	200
RN0202S	N	1.80	<10	N	50	N	65	500
RN0203S	N	1.90	20	N	50	N	45	300
RN0204S	N	2.30	10	N	50	N	85	1,000
RN0205S	N	4.60	30	N	50	N	80	300
RN0206S	N	2.10	30	N	50	N	70	300
RN0207S	N	2.10	50	N	30	N	80	300
RN0208S	N	2.10	20	N	30	N	40	200
RN0209S	N	1.50	30	N	50	N	25	300
RN0210S	N	--	50	N	50	N	65	300
RN0213S	N	2.10	15	N	50	N	55	700
RN0214S	N	.80	10	N	20	N	50	200
RN0215S	N	4.70	30	N	30	N	80	300
RN0216S	N	3.10	15	N	20	N	40	200
RN0217S	N	5.70	10	N	70	N	60	200
RN0218S	N	3.50	20	N	30	N	50	700
RN0219S	N	.80	10	N	20	N	45	150
RN0220S	N	7.00	70	N	30	N	60	300
RN0221S	N	1.20	30	N	20	N	60	1,000
RN0222S	N	1.10	30	N	20	N	40	1,000
RN0223S	N	3.80	30	N	30	N	90	700
RN0224S	N	1.10	20	N	30	N	45	300
RN0225S	N	6.10	100	N	50	N	65	200
RN0226S	N	20.00	50	N	30	N	65	500
RN0227S	N	1.30	30	N	30	N	55	300
RN0228S	N	1.30	30	N	30	N	45	300
RN0229S	N	2.20	30	N	30	N	50	300
RN0230S	N	2.00	30	N	30	N	55	300
RN0231S	N	1.90	30	N	20	N	40	300
RN0232S	N	6.70	20	N	30	N	40	150
RN0233S	N	4.70	20	N	30	N	40	150
RN0234S	N	8.90	50	N	70	<200	90	200
RN0235S	N	3.50	30	N	20	N	45	1,000
RN0236S	N	3.90	30	N	30	N	50	300
RN0237S	N	3.70	20	N	30	N	55	300
RN0238S	N	3.90	50	N	20	N	55	500
RN0239S	N	8.30	50	N	20	N	50	300

TABLE 3.--ANALYSES OF STREAM-SEDIMENT SAMPLES--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	As-ppm aa	B-ppm s	Ba-ppm s	Be-ppm s
RN0240S	44 44 23	114 42 33	1.50	.50	.50	.20	300	.7	N	10	15	1,000	2.0
RN0241S	44 42 51	114 42 52	2.00	.30	1.00	.30	500	N	N	N	15	1,500	2.0
RN0242S	44 42 23	114 40 49	2.00	.70	.50	.50	500	N	N	5	10	1,000	2.0
RN0243S	44 42 22	114 40 47	1.50	.30	.30	.30	300	N	N	N	15	1,500	2.0
RN0244S	44 42 54	114 42 55	2.00	.50	.20	.50	300	.5	N	N	10	1,000	1.5
RN0245S	44 41 34	114 44 58	3.00	.70	.30	.50	700	N	N	N	10	1,000	2.0
RN0246S	44 40 28	114 44 21	3.00	.50	.30	.50	500	N	N	N	10	1,000	3.0
RN0247S	44 41 24	114 42 30	3.00	.50	.50	.50	500	N	N	N	20	700	3.0
RN0248S	44 40 10	114 40 13	2.00	.30	.20	.50	1,000	.5	N	10	50	700	5.0
RN0250S	44 38 19	114 36 22	1.00	.15	.10	.15	300	<.5	N	5	20	500	3.0
RN0251S	44 37 21	114 32 50	2.00	.30	.30	.50	700	.5	N	5	15	1,000	2.0
RN0252S	44 37 22	114 32 46	5.00	1.00	.70	1.00	700	N	N	5	10	1,000	2.0
RN0253S	44 37 43	114 32 49	3.00	1.00	1.00	1.00	1,000	N	N	<5	10	1,500	3.0
RN0254S	44 38 1	114 33 1	1.50	.70	.30	.15	300	N	N	N	15	1,000	1.5
RN0255S	44 38 16	114 33 52	2.00	.70	.30	.15	500	N	N	N	20	700	2.0
RN0256S	44 38 14	114 33 51	2.00	.70	.50	.70	300	N	N	N	10	1,000	2.0
RN0257S	44 36 28	114 35 44	1.00	.15	.30	.10	200	N	N	5	20	500	3.0
RN0258S	44 36 26	114 35 47	2.00	.30	1.00	.50	500	N	N	N	20	2,000	2.0
RN0259S	44 34 4	114 32 12	1.00	.07	.20	.30	700	N	N	N	10	200	5.0
RN0260S	44 33 59	114 32 22	1.50	.05	.15	.30	700	N	N	N	15	200	7.0
RN0261S	44 34 0	114 32 27	2.00	.05	.15	.50	700	N	N	N	15	200	5.0
RN0262S	44 34 6	114 32 34	1.00	.05	.10	.10	500	N	N	<5	10	200	5.0
RN0263S	44 34 32	114 32 37	1.50	.05	.15	.30	500	.5	N	<5	10	150	5.0
RN0264S	44 36 7	114 33 45	2.00	.20	.30	.50	500	N	N	30	15	1,000	3.0
RN0265S	44 36 3	114 33 44	10.00	.20	.30	.50	5,000	5.0	N	50	20	1,000	10.0
RN0267S	44 35 59	114 30 42	2.00	.50	.20	.50	700	<.5	N	15	20	700	5.0
RN0268S	44 35 58	114 30 43	.07	.02	<.05	.10	200	N	N	20	10	50	5.0
RN0269S	44 36 31	114 30 29	2.00	.50	.50	.50	500	N	N	<5	<10	700	2.0
RN0270S	44 36 30	114 30 28	1.00	.10	.10	.15	300	N	N	5	10	500	3.0
RN0271S	44 34 30	114 31 17	1.50	.02	.05	.30	500	N	N	N	10	50	5.0
RN0272S	44 35 58	114 31 32	3.00	.50	.30	.70	1,000	N	N	15	10	700	5.0
RN0273S	44 33 26	114 32 42	1.50	.05	.05	.15	200	N	N	N	10	100	7.0
RN0274S	44 34 47	114 34 33	3.00	.20	.50	.50	300	N	N	N	10	300	3.0
RN0275S	44 35 1	114 34 25	2.00	.30	.50	.70	1,000	2.0	N	10	10	1,000	3.0
RN0276S	44 35 16	114 34 41	2.00	.30	.30	.30	1,000	2.0	N	20	20	1,500	5.0
RN0278S	44 30 8	114 35 56	1.00	.03	.05	.10	200	N	N	<5	10	<20	7.0
RN0279S	44 30 7	114 35 53	1.50	.10	.30	.15	500	N	N	<5	30	200	7.0
RN0280S	44 31 53	114 31 24	1.00	.10	.20	.30	300	N	N	N	10	500	3.0
RN0281S	44 34 59	114 24 54	1.00	.10	.20	.50	500	N	N	N	10	500	3.0
RN0282S	44 34 59	114 25 9	1.00	.10	.15	.15	500	N	N	N	10	300	3.0
RN0283S	44 30 18	114 45 14	2.00	1.00	.50	.50	700	N	N	N	20	1,000	3.0
RN0284S	44 31 2	114 46 30	2.00	1.50	.10	.50	700	N	N	N	20	1,000	2.0
RN0285S	44 32 28	114 50 9	1.50	.50	.50	.30	300	N	N	N	30	1,500	1.0
RN0286S	44 37 12	114 51 32	2.00	1.50	2.00	.20	1,000	N	N	5	10	1,500	2.0
RN0287S	44 37 12	114 51 29	5.00	.70	1.00	.70	700	N	N	N	20	700	2.0

TABLE 3.--ANALYSES OF STREAM-SEDIMENT SAMPLES--Continued

Sample	Cd-ppm aa	Co-ppm s	Cr-ppm s	Cu-ppm s	F-ppm si	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm aa	Sc-ppm s	Sn-ppm s	Sr-ppm s
RN0240S	N	5	30	5	300	70	N	20	7	20	N	10	N	200
RN0241S	.1	5	10	5	300	150	N	20	N	50	N	10	N	700
RN0242S	.1	10	50	5	300	150	N	30	10	30	N	10	N	200
RN0243S	.1	5	15	5	300	100	N	30	7	50	N	7	N	200
RN0244S	N	7	30	<5	300	70	N	20	5	20	N	10	N	200
RN0245S	.1	5	10	7	400	70	<5	<20	5	20	N	5	N	200
RN0246S	.1	<5	<10	5	400	50	N	<20	<5	15	N	5	N	200
RN0247S	N	<5	20	<5	300	100	5	20	15	10	N	5	N	150
RN0248S	.1	<5	<10	10	1,400	100	<5	20	5	20	N	5	N	<100
RN0250S	.2	<5	<10	5	400	70	N	70	<5	50	<2	<5	N	<100
RN0251S	.3	7	10	10	600	70	5	20	15	30	<2	10	N	200
RN0252S	.3	20	20	10	600	100	7	30	20	50	N	15	N	500
RN0253S	.2	15	10	10	600	150	N	30	15	50	<2	15	N	500
RN0254S	N	10	50	5	400	70	N	<20	10	20	N	10	N	200
RN0255S	.1	7	30	10	500	70	N	<20	10	20	N	10	N	200
RN0256S	N	15	20	5	600	100	N	20	5	20	N	10	N	300
RN0257S	.2	N	<10	5	1,000	150	N	<20	<5	10	N	7	N	N
RN0258S	N	5	10	<5	200	300	N	30	<5	50	N	10	N	700
RN0259S	.1	<5	N	<5	200	70	N	70	<5	70	N	<5	N	N
RN0260S	.2	N	N	<5	300	50	N	70	N	30	N	N	N	N
RN0261S	.1	N	N	7	200	70	<5	70	5	20	N	N	N	N
RN0262S	.3	N	N	<5	200	100	N	70	10	50	<2	<5	N	N
RN0263S	.2	N	N	N	200	150	5	100	15	70	<2	<5	N	N
RN0264S	.2	10	<10	10	600	100	10	20	20	30	2	10	N	150
RN0265S	.9	100	20	20	600	100	20	20	20	50	2	10	N	200
RN0267S	.5	10	15	10	500	100	N	50	5	50	<2	10	N	150
RN0268S	.1	N	N	N	300	N	N	100	N	50	N	N	N	N
RN0269S	.2	15	<10	10	500	100	N	20	<5	50	N	10	N	150
RN0270S	.1	N	<10	<5	200	70	N	50	N	30	N	<5	N	<100
RN0271S	.1	N	N	N	200	70	N	70	N	50	N	<5	N	N
RN0272S	.3	20	15	10	600	100	5	50	5	50	N	15	N	150
RN0273S	N	N	N	<5	100	50	N	70	N	50	N	<5	N	N
RN0274S	.1	10	<10	5	600	70	<5	<20	10	N	N	5	N	<100
RN0275S	.3	20	<10	15	500	100	<5	30	15	30	<2	10	N	150
RN0276S	.3	15	10	10	500	100	7	20	15	30	<2	7	N	150
RN0278S	.2	N	N	<5	200	500	<5	70	15	50	<2	N	N	N
RN0279S	.3	N	N	7	200	200	<5	70	15	70	<2	N	N	<100
RN0280S	.1	N	<10	N	200	100	N	50	N	30	N	7	N	<100
RN0281S	.1	N	<10	7	100	150	N	70	N	50	N	7	N	<100
RN0282S	.2	N	<10	5	100	100	N	50	<5	30	N	<5	N	N
RN0283S	.4	15	50	10	500	150	<5	50	15	50	N	10	N	500
RN0284S	.5	10	100	20	500	150	N	50	20	70	N	10	N	500
RN0285S	N	5	<10	<5	400	700	N	30	5	15	N	5	N	700
RN0286S	.2	15	300	5	200	150	N	<20	30	50	N	15	N	500
RN0287S	.1	10	50	7	400	150	<5	<20	10	20	N	10	N	300

TABLE 3.--ANALYSES OF STREAM-SEDIMENT SAMPLES--Continued

Sample	Th-ppm s	U-inst	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zn-ppm aa	Zr-ppm s
RN0240S	N	6.60	50	N	30	N	55	300
RN0241S	N	7.30	30	N	30	N	70	500
RN0242S	N	3.60	50	N	20	N	70	500
RN0243S	N	5.90	30	N	50	N	30	150
RN0244S	N	1.70	50	N	20	N	45	1,000
RN0245S	N	3.60	30	N	15	N	45	1,000
RN0246S	N	2.70	20	N	10	N	40	500
RN0247S	N	1.90	30	N	20	N	50	>1,000
RN0248S	N	2.30	20	N	50	N	55	300
RN0250S	N	4.30	20	N	50	N	60	700
RN0251S	N	2.50	50	N	30	N	50	300
RN0252S	N	1.70	100	N	30	N	95	200
RN0253S	N	.35	100	N	30	N	90	300
RN0254S	N	1.70	50	N	20	N	55	500
RN0255S	N	3.40	50	N	30	N	60	200
RN0256S	N	5.80	70	N	20	N	75	300
RN0257S	N	3.80	20	N	50	N	60	200
RN0258S	N	1.40	30	N	30	N	60	700
RN0259S	N	2.30	10	N	50	N	85	700
RN0260S	N	1.00	N	N	50	N	55	1,000
RN0261S	N	2.70	N	N	50	N	45	1,000
RN0262S	N	4.30	<10	N	30	N	75	500
RN0263S	N	1.90	<10	N	70	N	75	500
RN0264S	N	.85	70	N	30	N	45	500
RN0265S	N	2.10	70	N	70	700	420	300
RN0267S	N	.40	50	N	50	200	160	300
RN0268S	N	1.10	N	N	50	N	70	500
RN0269S	N	1.10	70	N	30	N	90	200
RN0270S	N	1.50	10	N	30	N	85	500
RN0271S	N	2.50	N	N	30	N	120	700
RN0272S	N	--	100	N	50	<200	40	300
RN0273S	N	.75	<10	N	50	N	110	500
RN0274S	N	1.40	70	N	20	N	70	200
RN0275S	N	1.90	70	N	50	200	95	200
RN0276S	N	1.50	50	N	30	<200	95	300
RN0278S	N	1.70	<10	N	30	N	55	300
RN0279S	N	2.50	15	N	100	<200	55	300
RN0280S	N	2.00	10	N	30	N	70	1,000
RN0281S	N	3.70	10	N	50	N	95	1,000
RN0282S	N	2.60	10	N	30	N	60	300
RN0283S	N	11.00	70	N	50	N	100	300
RN0284S	N	22.00	70	N	50	N	100	300
RN0285S	N	2.80	30	N	50	N	45	200
RN0286S	N	N	20	N	30	N	45	200
RN0287S	N	2.20	70	N	20	N	55	1,000

TABLE 3.--ANALYSES OF STREAM-SEDIMENT SAMPLES--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	As-ppm aa	B-ppm s	Ba-ppm s	Be-ppm s
RN0288S	44 37 13	114 51 11	3.00	1.00	1.50	1.00	700	N	N	5	10	1,000	2.0
RN0289S	44 36 48	114 51 33	3.00	1.00	1.00	.50	700	N	N	5	50	1,000	3.0
RN0290S	44 36 53	114 51 1	3.00	1.00	1.00	.70	500	N	N	5	20	700	2.0
RN0291S	44 35 58	114 51 13	3.00	1.00	1.50	.70	700	.5	N	5	30	1,000	2.0
RN0292S	44 35 14	114 50 3	2.00	.50	1.00	.50	500	N	N	N	30	1,000	2.0
RN0293S	44 33 34	114 50 44	5.00	2.00	1.00	.50	700	N	N	<5	200	700	2.0
RN0294S	44 33 48	114 50 44	2.00	.10	2.00	.20	500	.7	N	N	100	500	2.0
RN0295S	44 34 52	114 49 56	3.00	1.00	.70	.50	1,000	N	N	<5	20	700	3.0
RN0296S	44 34 11	115 8 0	2.00	1.00	1.00	.30	500	N	N	30	20	1,000	1.5
RN0297S	44 34 15	115 8 2	2.00	.70	1.00	.30	500	N	N	55	30	1,500	1.5
RN0298S	44 33 27	115 6 58	2.00	1.00	1.50	.50	500	<.5	N	20	20	1,000	1.5
RN0299S	44 33 29	115 7 4	2.00	.70	.70	.50	500	<.5	N	15	20	1,500	1.5
RN0300S	44 27 33	115 19 37	5.00	.20	1.50	1.00	2,000	N	N	N	10	500	1.5
RN0301S	44 27 52	115 20 8	2.00	.50	1.50	1.00	2,000	N	N	<5	10	700	1.5
RN0302S	44 27 54	115 20 14	5.00	.50	1.50	1.00	700	N	N	10	50	700	1.5
RN0303S	44 27 49	115 21 30	2.00	.50	2.00	>1.00	1,500	N	N	5	10	500	1.0
RN0304S	44 27 45	115 21 32	1.50	.70	1.50	1.00	500	N	N	5	30	700	2.0
RN0306S	44 28 46	115 19 11	1.50	.50	2.00	1.00	300	N	N	N	20	700	1.5
RN0307S	44 28 46	115 18 37	2.00	.70	1.00	.70	500	N	N	<5	20	1,000	2.0
RN0308S	44 28 48	115 18 37	3.00	.70	1.00	.70	500	N	N	25	30	1,000	2.0
RN0309S	44 29 32	115 18 57	2.00	.70	1.50	1.00	700	N	N	<5	20	1,000	2.0
RN0310S	44 25 4	115 17 20	1.50	.70	1.50	.70	500	N	N	N	15	700	1.5
RN0311S	44 29 9	115 29 51	1.00	.30	.70	.50	300	N	N	N	15	1,500	1.5
RN0312S	44 29 8	115 29 52	1.50	.50	1.00	.50	500	N	N	5	30	1,000	2.0
RN0313S	44 29 28	115 29 21	1.50	.50	1.50	.50	500	N	N	N	10	1,500	1.0
RN0314S	44 29 33	115 28 43	3.00	.70	1.00	.70	500	N	N	N	20	700	3.0
RN0315S	44 28 18	115 28 22	2.00	.30	1.00	.70	500	N	N	N	10	700	2.0
RN0316S	44 28 41	115 28 18	5.00	.70	1.50	1.00	1,000	N	N	N	10	500	2.0
RN0317S	44 27 35	115 28 55	2.00	.50	1.50	1.00	700	N	N	N	10	500	2.0
RN0318S	44 27 43	115 30 42	1.50	.70	1.00	.70	700	N	N	15	15	2,000	2.0
RN0319S	44 27 42	115 30 47	1.50	1.50	1.50	.50	700	N	N	35	30	1,000	2.0
RN0320S	44 25 50	115 17 11	1.50	.50	.50	.50	300	N	N	N	20	700	1.0
RN0322S	44 26 6	115 27 57	1.00	.50	1.50	.50	1,000	.5	N	5	30	1,500	2.0
RN0323S	44 25 21	115 26 47	1.50	.50	1.00	.70	1,000	<.5	N	40	30	1,000	2.0
RN0324S	44 25 46	115 26 6	1.00	.30	1.00	.30	300	N	N	N	20	1,500	2.0
RN0325S	44 26 25	115 25 5	1.50	.50	1.50	1.00	700	N	N	5	20	700	2.0
RN0326S	44 26 28	115 25 9	1.50	.50	1.50	.50	1,000	N	N	5	20	1,000	1.5
RN0327S	44 25 6	115 23 28	2.00	.50	.70	.50	1,000	N	N	5	30	700	2.0
RN0328S	44 26 57	115 26 16	1.50	.30	1.00	.70	2,000	N	N	N	10	500	3.0
RN0329S	44 26 4	115 24 14	1.00	.30	1.50	.70	1,000	N	N	<5	20	1,000	2.0
RN0330S	44 26 23	115 23 3	3.00	.50	2.00	>1.00	700	N	N	<5	30	500	2.0
RN0331S	44 25 24	115 22 2	1.50	.50	2.00	>1.00	1,000	N	N	<5	20	700	1.0
RN0332S	44 26 34	115 20 41	2.00	.70	2.00	1.00	1,000	N	N	<5	20	700	2.0
RN0333S	44 26 21	115 17 55	1.50	.50	1.00	.50	500	N	N	N	30	700	1.0
RN0335S	44 26 49	115 16 32	2.00	.50	.30	.50	500	N	N	10	20	1,000	1.5

TABLE 3.--ANALYSES OF STREAM-SEDIMENT SAMPLES--Continued

Sample	Cd-ppm aa	Co-ppm s	Cr-ppm s	Cu-ppm s	F-ppm si	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm aa	Sc-ppm s	Sn-ppm s	Sr-ppm s
RN0288S	.2	15	70	10	300	100	N	20	10	50	<2	15	N	700
RN0289S	.5	15	50	15	500	100	N	30	15	150	<2	10	N	700
RN0290S	.5	15	70	15	400	150	N	30	15	70	<2	15	N	500
RN0291S	.3	15	100	15	400	300	N	70	15	100	<2	15	N	500
RN0292S	.1	10	50	7	500	200	N	30	10	50	N	10	N	500
RN0293S	.1	30	100	50	300	100	N	<20	50	10	N	20	N	150
RN0294S	.2	15	70	50	200	50	N	N	30	20	N	10	N	200
RN0295S	.2	15	20	15	400	100	N	50	10	30	N	10	N	300
RN0296S	.4	5	20	10	400	100	N	20	10	50	N	7	N	500
RN0297S	.3	7	30	10	600	300	N	50	15	50	N	7	N	700
RN0298S	.2	10	50	10	500	150	<5	30	10	50	N	10	N	500
RN0299S	.2	10	10	10	600	150	N	30	7	50	N	10	N	500
RN0300S	N	5	30	<5	800	1,000	5	150	10	10	N	10	N	300
RN0301S	.2	10	10	N	600	500	N	100	7	20	N	7	N	500
RN0302S	.2	10	20	N	800	300	N	100	5	15	<2	7	N	500
RN0303S	.2	7	10	7	1,200	500	<5	200	5	15	<2	7	30	500
RN0304S	.2	5	<10	N	800	200	N	70	<5	20	<2	10	N	500
RN0306S	N	5	<10	5	800	200	N	50	N	20	N	10	N	500
RN0307S	N	7	10	N	700	150	N	50	5	20	N	7	N	500
RN0308S	.1	10	50	7	800	700	N	50	10	50	N	7	N	500
RN0309S	N	10	20	<5	700	500	N	70	7	30	N	15	N	500
RN0310S	N	10	70	<5	400	150	N	50	7	20	N	15	N	700
RN0311S	N	5	<10	N	500	100	N	20	5	15	N	5	N	500
RN0312S	.2	5	<10	<5	600	150	N	20	5	30	<2	7	N	500
RN0313S	N	5	N	7	700	500	N	30	<5	30	N	7	N	700
RN0314S	N	<5	N	<5	600	100	N	<20	<5	10	N	5	N	500
RN0315S	N	<5	N	N	600	300	N	30	<5	10	N	5	N	500
RN0316S	N	5	N	5	600	1,000	N	30	<5	10	N	5	N	500
RN0317S	N	5	10	<5	400	100	N	70	<5	10	N	10	N	500
RN0318S	.5	5	10	5	600	150	N	50	5	30	<2	7	N	500
RN0319S	.4	5	50	10	400	150	N	50	10	30	<2	10	N	200
RN0320S	N	7	20	5	500	70	N	20	7	30	N	10	N	300
RN0322S	.5	5	100	5	400	100	N	30	10	20	<2	7	N	200
RN0323S	.4	7	20	10	300	200	N	70	10	30	<2	15	N	500
RN0324S	.2	<5	<10	<5	400	70	N	20	5	50	N	5	N	700
RN0325S	.1	5	<10	5	400	150	N	50	5	30	N	7	N	500
RN0326S	.1	5	<10	N	300	300	N	30	5	30	N	7	N	700
RN0327S	.1	5	10	7	400	70	<5	20	5	20	N	5	N	300
RN0328S	N	N	N	<5	300	300	N	50	<5	20	N	5	N	500
RN0329S	.2	<5	N	N	400	150	N	50	N	50	<2	5	N	700
RN0330S	.2	5	10	<5	900	300	N	100	N	20	<2	7	15	500
RN0331S	.2	5	20	N	800	200	<5	100	5	20	<2	7	15	500
RN0332S	.2	7	10	<5	800	150	N	70	5	20	<2	7	<10	500
RN0333S	N	7	10	5	700	150	N	30	5	30	N	10	N	300
RN0335S	.3	10	30	15	--	200	N	50	5	70	N	10	N	200

TABLE 3.--ANALYSES OF STREAM-SEDIMENT SAMPLES--Continued

Sample	Th-ppm s	U-inst	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zn-ppm aa	Zr-ppm s
RN0288S	N	8.40	50	N	20	N	70	200
RN0289S	N	1.10	70	N	20	N	95	150
RN0290S	N	1.10	70	N	50	N	95	200
RN0291S	N	1.70	70	N	50	N	75	500
RN0292S	N	3.90	50	N	30	N	70	200
RN0293S	N	.80	100	N	30	<200	60	150
RN0294S	N	22.00	70	N	30	N	45	200
RN0295S	N	7.10	70	N	50	N	70	150
RN0296S	N	8.10	70	N	20	N	45	150
RN0297S	N	2.90	70	N	100	N	80	150
RN0298S	N	22.00	70	N	50	N	70	150
RN0299S	N	7.10	50	N	50	N	75	300
RN0300S	100	6.90	50	N	150	N	25	>1,000
RN0301S	N	5.10	50	N	100	N	55	>1,000
RN0302S	<100	8.30	100	N	100	N	60	>1,000
RN0303S	<100	9.10	70	N	200	N	45	>1,000
RN0304S	N	4.70	50	N	50	N	60	700
RN0306S	N	4.70	50	N	50	N	60	300
RN0307S	N	13.00	70	N	20	N	75	300
RN0308S	<100	8.90	70	N	100	N	75	300
RN0309S	<100	12.00	70	N	100	N	60	500
RN0310S	N	7.10	50	N	50	N	35	500
RN0311S	N	1.90	30	N	20	N	50	500
RN0312S	N	3.90	50	N	20	N	65	500
RN0313S	N	3.60	50	N	50	N	55	>1,000
RN0314S	N	3.60	30	N	10	N	75	1,000
RN0315S	N	2.00	30	N	50	N	40	>1,000
RN0316S	<100	7.20	50	N	50	N	55	>1,000
RN0317S	N	3.20	50	N	70	N	45	500
RN0318S	N	2.40	70	N	50	N	75	300
RN0319S	N	14.00	100	N	50	N	75	200
RN0320S	N	4.10	50	N	20	N	65	200
RN0322S	N	4.10	70	N	50	N	60	300
RN0323S	N	5.20	70	N	70	N	60	500
RN0324S	N	2.10	30	N	20	N	25	150
RN0325S	N	8.90	50	N	50	N	40	300
RN0326S	N	2.80	50	N	70	N	50	500
RN0327S	N	2.00	30	N	30	N	45	300
RN0328S	<100	2.00	20	N	70	N	20	>1,000
RN0329S	N	3.70	20	N	30	N	35	200
RN0330S	100	16.00	100	N	100	N	60	>1,000
RN0331S	N	12.00	50	N	100	N	40	1,000
RN0332S	N	6.30	70	N	100	N	60	>1,000
RN0333S	N	2.20	50	N	30	N	80	200
RN0335S	<100	--	70	N	50	N	120	300

TABLE 3.--ANALYSES OF STREAM-SEDIMENT SAMPLES--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	As-ppm aa	B-ppm s	Ba-ppm s	Be-ppm s
RN0338S	44 27 52	115 15 28	3.00	2.00	1.50	.70	1,000	N	N	10	10	1,000	1.5
RN0339S	44 27 54	115 15 28	2.00	.70	1.00	.50	500	N	N	5	50	1,000	1.5
RN0340S	44 29 31	115 17 45	2.00	.70	1.00	.70	500	N	N	<5	20	1,000	1.5
RN0341S	44 29 30	115 17 42	2.00	.70	1.50	.70	500	N	N	--	100	1,500	2.0
RN0342S	44 36 18	115 29 54	1.50	.15	.30	.70	2,000	N	N	N	20	500	3.0
RN0343S	44 36 30	115 29 50	1.00	.15	.50	.70	2,000	N	N	N	20	1,000	2.0
RN0344S	44 35 15	115 29 52	1.00	.20	.50	.20	500	N	N	N	30	1,000	2.0
RN0345S	44 35 19	115 30 10	1.00	.15	.50	.20	700	N	N	<5	20	1,500	2.0
RN0346S	44 37 0	115 27 46	1.50	.50	.70	.20	700	N	N	<5	20	1,000	3.0
RN0347S	44 34 52	115 27 47	1.00	.20	.30	.10	700	N	N	5	30	1,000	3.0
RN0348S	44 34 47	115 27 42	1.00	.20	.50	.15	1,000	N	N	5	30	1,000	5.0
RN0349S	44 33 59	115 27 32	1.50	.20	.20	.10	500	N	N	20	70	1,500	2.0
RN0350S	44 33 50	115 27 26	1.50	.30	.30	.20	500	.7	N	100	50	1,500	2.0
RN0351S	44 33 42	115 27 3	1.00	.20	.20	.10	500	N	N	N	50	1,000	1.0
RN0352S	44 33 38	115 19 15	2.00	.50	1.00	.50	1,000	2.0	N	10	10	1,500	2.0
RN0353S	44 32 58	115 20 10	3.00	.70	1.50	1.00	1,000	.5	N	5	10	1,500	2.0
RN0354S	44 32 23	115 22 22	3.00	.50	.70	.50	700	<.5	N	N	10	1,500	1.5
RN0355S	44 33 59	115 25 8	2.00	.50	.50	.30	1,000	N	N	N	20	1,500	1.5
RN0356S	44 34 0	115 25 0	1.50	.20	.50	.15	300	<.5	N	N	30	1,000	2.0
RN0357S	44 33 39	115 24 24	2.00	.20	.50	.30	500	N	N	N	20	1,000	2.0
RN0358S	44 33 14	115 24 5	2.00	.30	.50	.50	700	1.0	N	N	20	700	2.0
RN0359S	44 39 37	115 22 17	5.00	.70	1.00	.70	300	N	N	N	100	1,000	2.0
RN0360S	44 41 23	115 19 12	3.00	.70	.70	.50	1,000	N	N	40	70	1,000	2.0
RN0361S	44 40 44	115 20 6	5.00	1.00	1.00	.70	700	N	N	15	50	700	2.0
RN0362S	44 40 45	115 19 50	2.00	.50	.50	.50	300	N	N	25	30	1,000	2.0
RN0363S	44 36 33	115 9 37	5.00	1.00	1.00	1.00	1,500	N	N	15	30	700	2.0
RN0364S	44 36 32	115 9 31	2.00	1.00	.50	.20	300	N	N	40	70	1,500	2.0
RN0365S	44 37 31	115 9 12	2.00	1.00	.70	.50	500	N	N	20	50	1,500	1.5
RN0367S	44 28 8	115 10 32	5.00	2.00	2.00	.50	1,000	N	N	15	10	2,000	1.5
RN0368S	44 28 7	115 10 29	5.00	1.50	1.50	.50	1,000	N	N	5	10	1,000	1.0
RN0369S	44 28 32	115 10 24	3.00	1.50	2.00	.70	1,000	N	N	10	10	1,000	1.0
RN0370S	44 28 57	115 10 27	3.00	1.50	1.50	.70	500	N	N	5	10	1,000	1.5
RN0371S	44 29 44	115 11 14	3.00	1.50	1.50	1.00	700	<.5	N	60	100	500	2.0
RN0372S	44 29 53	115 11 42	2.00	2.00	2.00	.50	700	N	N	70	15	700	3.0
RN0373S	44 30 10	115 0 0	2.00	.70	.70	.50	500	N	N	20	70	1,000	2.0
RN0374S	44 29 49	115 0 26	5.00	.10	1.00	.50	1,000	N	N	55	100	700	3.0
RN0375S	44 28 46	115 0 45	2.00	1.00	1.00	.50	1,000	<.5	N	15	20	700	5.0
RN0376S	44 28 53	115 0 47	3.00	2.00	1.50	.70	1,000	N	N	20	30	1,000	5.0
RN0377S	44 28 33	115 1 15	2.00	.70	1.50	.10	700	N	N	25	10	700	1.5
RN0378S	44 27 51	115 1 35	2.00	.50	.50	.30	300	N	N	<5	10	700	1.5
RN0379S	44 26 33	115 2 38	2.00	.50	1.00	.30	700	.7	N	15	20	700	3.0
RN0380S	44 26 48	115 6 45	5.00	2.00	1.50	.70	1,000	N	N	<5	10	1,000	1.5
RN0381S	44 27 48	115 7 2	3.00	1.00	1.50	1.00	500	N	N	10	20	700	1.5
RN0382S	44 27 47	115 7 4	3.00	1.50	1.50	.70	700	N	N	15	20	1,000	2.0
RN0383S	44 26 39	115 5 26	2.00	.50	1.50	1.00	500	N	N	N	15	1,000	1.0

TABLE 3.--ANALYSES OF STREAM-SEDIMENT SAMPLES--Continued

Sample	Cd-ppm aa	Co-ppm s	Cr-ppm s	Cu-ppm s	F-ppm si	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm aa	Sc-ppm s	Sn-ppm s	Sr-ppm s
RN0338S	.1	20	100	15	600	100	N	30	20	50	N	20	N	500
RN0339S	.1	10	30	15	1,000	200	N	30	5	50	N	10	N	500
RN0340S	N	7	20	N	1,100	200	N	50	5	30	N	10	N	500
RN0341S	--	10	20	7	600	200	N	50	5	70	--	10	<10	700
RN0342S	.1	N	<10	<5	200	100	N	20	<5	15	N	<5	N	200
RN0343S	.1	N	N	<5	300	200	N	50	5	15	N	<5	N	200
RN0344S	.1	N	N	<5	200	<20	5	N	5	15	N	N	N	200
RN0345S	.2	<5	<10	N	200	150	N	<20	<5	30	<2	<5	N	500
RN0346S	.2	5	N	<5	300	100	N	20	<5	30	<2	<5	N	300
RN0347S	.2	<5	<10	5	300	50	N	20	<5	30	<2	N	N	200
RN0348S	.2	5	<10	<5	300	50	N	30	<5	50	<2	<5	N	200
RN0349S	.2	<5	<10	5	600	100	N	<20	<5	30	N	<5	N	500
RN0350S	.2	5	10	10	600	100	N	<20	10	30	N	7	N	500
RN0351S	.1	<5	<10	5	400	70	N	<20	5	30	N	<5	N	300
RN0352S	3.8	5	20	50	400	200	5	20	5	300	<2	7	N	500
RN0353S	1.7	10	20	15	400	200	N	50	5	150	N	10	N	500
RN0354S	.9	10	30	10	400	200	N	30	10	100	N	5	N	500
RN0355S	N	5	30	N	400	100	N	30	10	30	N	5	N	500
RN0356S	.1	<5	15	<5	300	100	N	N	5	50	N	<5	N	300
RN0357S	.1	N	N	<5	200	100	N	<20	N	20	N	N	N	300
RN0358S	.1	N	<10	10	200	200	<5	20	5	30	N	<5	N	200
RN0359S	.1	N	10	7	800	100	5	30	10	15	N	7	N	300
RN0360S	.3	N	10	10	400	70	N	<20	10	50	N	5	N	300
RN0361S	.2	10	20	7	500	70	7	50	15	15	N	10	N	300
RN0362S	.2	<5	N	<5	400	200	<5	<20	7	50	N	<5	N	500
RN0363S	.1	10	20	15	500	200	N	30	15	20	N	7	N	300
RN0364S	.2	10	10	10	400	200	N	20	10	20	2	5	N	500
RN0365S	.4	10	30	15	300	100	N	20	15	20	<2	10	N	500
RN0367S	.4	20	70	15	500	700	<5	20	15	50	<2	20	N	500
RN0368S	.1	20	70	10	300	500	N	20	15	50	N	20	N	500
RN0369S	.2	20	100	10	200	200	N	30	20	30	N	20	N	500
RN0370S	.2	10	70	5	800	150	N	50	15	20	N	15	N	500
RN0371S	.5	15	100	10	1,200	150	<5	50	20	30	N	15	N	200
RN0372S	.5	10	50	15	100	100	N	30	20	70	N	10	N	700
RN0373S	.3	<5	10	15	400	100	N	<20	10	15	N	5	N	300
RN0374S	.8	7	20	30	400	50	<5	N	30	30	N	7	N	200
RN0375S	.5	10	50	15	500	150	N	20	15	50	<2	10	N	200
RN0376S	.5	15	70	15	600	150	N	70	20	50	<2	15	N	500
RN0377S	.1	7	50	<5	400	150	N	50	15	20	N	15	N	500
RN0378S	.2	5	20	<5	500	70	N	20	5	20	N	7	N	500
RN0379S	.5	10	20	50	400	100	N	30	10	70	N	10	N	300
RN0380S	.1	20	200	5	400	500	N	20	30	20	N	20	N	500
RN0381S	.2	15	50	15	200	150	N	50	15	30	N	10	N	500
RN0382S	.2	15	70	10	200	200	N	30	10	50	N	15	N	500
RN0383S	.1	7	50	15	700	150	N	50	7	30	N	10	N	500

TABLE 3.--ANALYSES OF STREAM-SEDIMENT SAMPLES--Continued

Sample	Th-ppm s	U-inst	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zn-ppm aa	Zr-ppm s
RN0338S	N	17.00	100	N	50	N	80	200
RN0339S	N	18.00	70	N	50	N	75	200
RN0340S	<100	10.00	70	N	50	N	90	300
RN0341S	N	--	70	N	70	N	--	200
RN0342S	N	2.00	20	N	200	N	20	500
RN0343S	N	1.60	15	N	70	N	20	300
RN0344S	N	3.50	10	N	50	N	25	200
RN0345S	N	2.00	20	N	200	N	30	200
RN0346S	N	10.00	30	N	20	N	40	200
RN0347S	N	3.70	20	N	70	N	40	100
RN0348S	N	7.70	20	N	70	N	40	150
RN0349S	N	11.00	20	N	20	N	70	200
RN0350S	N	17.00	50	N	20	N	90	200
RN0351S	N	14.00	20	N	30	N	55	200
RN0352S	N	5.00	50	N	50	500	400	200
RN0353S	N	11.00	70	N	70	200	200	200
RN0354S	N	14.00	70	N	50	200	120	500
RN0355S	N	8.30	50	N	70	N	40	300
RN0356S	N	9.70	30	N	15	N	35	150
RN0357S	N	1.90	20	N	20	N	40	500
RN0358S	N	46.00	20	N	50	N	50	700
RN0359S	N	21.00	70	N	15	N	60	700
RN0360S	N	24.00	50	N	15	N	65	300
RN0361S	N	28.00	70	N	20	N	70	700
RN0362S	N	6.40	20	N	30	N	55	500
RN0363S	N	15.00	100	N	50	N	80	500
RN0364S	N	4.10	50	N	30	N	65	150
RN0365S	N	4.70	70	N	20	N	100	200
RN0367S	N	5.30	100	N	50	N	90	>1,000
RN0368S	N	5.50	70	N	100	N	55	1,000
RN0369S	N	25.00	70	N	70	N	50	500
RN0370S	N	10.00	70	N	30	N	60	200
RN0371S	N	20.00	70	N	50	<200	80	300
RN0372S	N	12.00	50	N	50	N	90	150
RN0373S	N	5.30	100	N	20	N	75	300
RN0374S	N	8.90	200	N	20	<200	140	200
RN0375S	N	29.00	70	N	50	N	85	200
RN0376S	N	20.00	100	N	50	N	90	300
RN0377S	N	9.90	70	N	50	N	55	300
RN0378S	N	8.10	50	N	20	N	70	300
RN0379S	N	21.00	50	N	50	<200	100	150
RN0380S	<100	6.80	100	N	50	N	60	700
RN0381S	N	3.10	70	N	50	N	50	200
RN0382S	N	14.00	70	N	50	N	50	500
RN0383S	N	1.80	70	N	50	N	50	300

TABLE 3.--ANALYSES OF STREAM-SEDIMENT SAMPLES--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	As-ppm aa	B-ppm s	Ba-ppm s	Be-ppm s
RN0384S	44 26 29	115 5 14	1.50	.70	1.00	.50	700	N	N	N	30	1,500	1.5
RN0385S	44 27 14	115 4 54	2.00	.70	2.00	1.00	500	N	N	N	10	1,000	1.5
RN0386S	44 27 13	115 4 53	2.00	.50	1.50	1.00	500	N	N	N	20	700	1.0
RN0387S	44 26 3	115 2 48	1.50	.50	1.00	.30	300	N	N	N	20	700	1.5
RN0388S	44 32 58	115 16 53	2.00	.50	1.50	.70	500	N	N	5	10	1,000	2.0
RN0389S	44 32 59	115 16 57	2.00	.70	2.00	1.00	500	N	N	<5	10	1,000	2.0
RN0390S	44 34 59	115 13 28	2.00	.50	1.00	1.00	700	N	N	15	10	700	1.5
RN0391S	44 35 57	115 12 16	2.00	.70	.70	.50	300	N	N	20	50	700	2.0
RN0392S	44 32 18	115 11 28	1.50	.50	1.00	.50	500	N	N	5	15	700	2.0
RN0393S	44 32 20	115 11 30	2.00	.70	1.50	.70	500	.5	N	10	10	500	2.0
RN0394S	44 34 42	115 7 40	2.00	.50	.70	.50	500	1.0	200	270	100	1,000	2.0
RN0395S	44 36 30	115 4 3	2.00	.70	1.00	.30	500	N	N	5	50	1,000	1.5
RN0396S	44 35 35	115 4 28	1.50	.50	1.00	.30	300	N	N	N	50	1,000	1.5
RN0397S	44 32 23	115 9 27	2.00	.70	1.50	.70	300	N	N	15	10	700	2.0
RN0398S	44 32 22	115 9 17	3.00	.70	2.00	.70	700	.7	N	35	10	1,000	2.0
RN0399S	44 30 59	115 7 5	3.00	.70	1.00	.50	1,500	N	N	25	20	300	7.0
RN0400S	44 31 0	115 7 14	3.00	.70	1.00	1.00	1,000	N	N	5	10	500	2.0
RN0401S	44 31 45	115 7 53	3.00	.70	1.00	.70	1,000	.5	N	25	20	500	5.0
RN0402S	44 23 37	115 12 53	5.00	1.00	1.50	1.00	1,000	N	N	10	10	700	2.0
RN0403S	44 30 16	115 6 11	5.00	1.00	1.50	1.00	1,500	N	N	20	20	500	5.0
RN0404S	44 25 21	115 7 12	5.00	.70	1.50	.70	700	N	N	5	10	700	1.5
RN0405S	44 26 14	115 4 9	1.00	.30	1.00	.30	500	N	N	5	10	1,000	1.5
RN0406S	44 25 37	114 57 8	3.00	.70	1.00	.50	500	N	N	<5	10	1,000	2.0
RN0407S	44 25 36	114 57 8	2.00	.70	.70	.50	700	N	N	5	20	700	2.0
RN0408S	44 25 33	114 57 38	2.00	.50	1.00	.50	500	N	N	5	10	1,000	2.0
RN0409S	44 25 29	114 57 28	2.00	.50	1.00	.50	300	N	N	N	10	1,000	1.0
RN0410S	44 25 25	114 58 10	5.00	.70	1.00	.70	500	N	N	5	20	700	2.0
RN0411S	44 25 8	114 59 6	3.00	.50	1.00	.50	500	N	N	<5	10	700	2.0
RN0412S	44 24 24	114 56 40	2.00	.70	.70	.50	700	N	N	N	50	700	3.0
RN0413S	44 24 3	114 52 55	3.00	.30	.50	.50	1,000	N	N	90	10	700	3.0
RN0414S	44 24 2	114 54 23	5.00	.70	1.00	.70	1,500	N	N	--	20	500	20.0
RN0415S	44 25 30	114 55 54	2.00	.50	.70	.50	700	N	N	N	<10	200	20.0
RN0416S	44 26 57	114 52 54	3.00	.15	.15	.20	1,000	.5	N	N	10	50	30.0
RN0417S	44 27 33	114 52 35	3.00	.70	.50	.30	1,000	N	N	N	10	100	20.0
RN0418S	44 27 34	114 52 37	7.00	2.00	2.00	.50	1,000	<.5	N	5	10	700	5.0
RN0419S	44 25 41	114 52 55	1.50	.15	.10	.10	1,000	3.0	N	5	15	100	10.0
RN0420S	44 25 39	114 52 54	1.00	.10	.05	.05	1,000	N	N	10	20	100	70.0
RN0421S	44 25 38	114 52 34	1.50	.20	.15	.10	1,000	<.5	N	5	15	200	15.0
RN0422S	44 25 16	114 51 45	2.00	.70	.30	.30	1,000	.5	N	15	10	700	5.0
RN0423S	44 25 18	114 51 48	1.00	.20	.30	.15	700	N	N	5	10	500	10.0
RN0424S	44 25 41	114 52 17	2.00	.70	.70	.20	1,000	.5	N	<5	N	700	5.0
RN0425S	44 31 3	114 56 58	2.00	.70	.70	.30	500	N	N	N	50	1,000	2.0
RN0426S	44 31 0	114 56 53	1.00	.50	.50	.20	300	N	N	N	30	700	2.0
RN0428S	44 32 15	114 56 40	2.00	.70	.50	.50	500	N	N	N	50	1,000	2.0
RN0429S	44 32 16	114 56 47	2.00	.50	1.00	.50	700	N	N	15	50	500	2.0

TABLE 3.--ANALYSES OF STREAM-SEDIMENT SAMPLES--Continued

Sample	Cd-ppm aa	Co-ppm s	Cr-ppm s	Cu-ppm s	F-ppm si	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm aa	Sc-ppm s	Sn-ppm s	Sr-ppm s
RN0384S	N	5	20	5	400	100	N	50	7	20	N	5	N	500
RN0385S	N	7	50	10	400	150	N	30	10	20	N	10	N	500
RN0386S	N	7	70	10	300	200	N	70	7	15	N	15	N	500
RN0387S	.1	10	10	5	300	150	N	20	5	15	N	7	N	500
RN0388S	.3	7	10	5	600	700	N	50	5	20	<2	10	N	500
RN0389S	.4	10	30	15	600	300	N	50	10	30	<2	10	N	500
RN0390S	.6	7	20	7	700	300	N	70	10	30	N	10	N	500
RN0391S	.1	7	20	5	700	150	N	20	7	20	N	10	N	300
RN0392S	.8	5	10	7	600	200	N	50	5	50	N	7	N	300
RN0393S	2.2	7	10	15	700	200	5	50	5	70	N	10	N	500
RN0394S	.6	10	<10	10	400	500	N	30	10	100	8	7	N	300
RN0395S	.1	10	20	10	500	200	N	20	10	50	N	7	N	500
RN0396S	N	5	10	5	400	500	N	20	7	20	N	5	N	700
RN0397S	.2	7	10	15	600	150	15	50	7	70	N	10	N	500
RN0398S	.7	10	30	15	600	200	5	50	10	100	<2	10	N	500
RN0399S	1.2	5	15	20	400	70	<5	20	20	50	N	7	N	200
RN0400S	.5	5	20	5	300	100	5	50	7	20	N	5	N	200
RN0401S	.6	5	<10	20	200	100	N	30	5	30	N	5	N	200
RN0402S	.2	5	50	5	600	200	<5	20	10	10	N	5	N	200
RN0403S	.2	7	15	30	400	70	<5	30	10	70	N	7	N	500
RN0404S	N	7	70	5	300	70	<5	N	15	<10	N	5	N	500
RN0405S	.2	5	<10	5	200	200	N	20	<5	20	<2	<5	N	500
RN0406S	.3	7	10	<5	400	150	N	50	7	50	<2	7	N	500
RN0407S	.9	5	<10	<5	500	150	N	20	<5	30	<2	5	N	500
RN0408S	.5	7	10	5	400	150	N	30	<5	50	N	7	N	500
RN0409S	.1	5	10	15	600	100	N	30	5	20	N	7	N	500
RN0410S	.1	10	20	7	600	150	N	50	5	50	N	10	N	500
RN0411S	.2	7	20	5	400	100	N	30	5	50	N	7	N	500
RN0412S	.7	10	15	10	400	150	N	20	7	50	N	7	N	300
RN0413S	.6	7	30	5	400	100	5	30	7	50	N	10	N	200
RN0414S	--	7	10	10	700	150	<5	70	7	50	--	5	N	200
RN0415S	1.6	5	10	<5	200	50	N	N	7	<10	N	5	N	<100
RN0416S	.8	N	N	70	200	50	5	70	5	70	N	N	15	N
RN0417S	.8	5	20	20	200	<20	<5	30	5	50	N	<5	<10	N
RN0418S	1.1	20	100	20	400	100	<5	30	20	100	<2	20	10	500
RN0419S	2.0	<5	<10	50	500	50	70	50	<5	500	N	N	50	N
RN0420S	1.3	N	N	20	1,000	100	N	<20	<5	100	N	<5	N	N
RN0421S	1.0	<5	<10	50	500	150	5	50	5	200	N	<5	10	N
RN0422S	.7	15	50	15	500	100	10	30	15	50	N	10	N	200
RN0423S	.8	5	<10	15	300	70	<5	30	5	70	N	<5	N	<100
RN0424S	.6	15	30	50	500	100	N	20	15	150	N	7	N	<100
RN0425S	.8	7	70	10	500	200	N	20	10	50	N	7	N	500
RN0426S	.3	<5	<10	5	400	100	N	20	7	20	N	5	N	500
RN0428S	N	5	30	5	500	200	N	20	5	30	N	7	N	700
RN0429S	.1	5	<10	5	400	1,000	5	30	7	20	N	7	N	500

TABLE 3.--ANALYSES OF STREAM-SEDIMENT SAMPLES--Continued

Sample	Th-ppm s	U-inst	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zn-ppm aa	Zr-ppm s
RN0384S	N	8.10	70	N	30	N	50	300
RN0385S	N	4.30	50	N	30	N	45	200
RN0386S	N	9.10	70	N	50	N	40	300
RN0387S	N	28.00	50	N	20	N	40	150
RN0388S	<100	--	50	N	70	N	60	300
RN0389S	N	3.70	50	N	50	N	70	500
RN0390S	N	20.00	50	N	50	N	75	300
RN0391S	N	12.00	70	N	30	N	110	200
RN0392S	N	18.00	50	N	50	N	70	200
RN0393S	N	78.00	70	N	50	N	130	200
RN0394S	N	3.60	50	N	50	<200	130	200
RN0395S	N	1.90	70	N	50	N	60	200
RN0396S	N	3.30	50	N	50	N	50	300
RN0397S	N	12.00	50	N	50	N	55	500
RN0398S	N	>100.00	70	N	50	N	50	300
RN0399S	N	110.00	70	N	50	N	100	300
RN0400S	N	17.00	70	N	50	N	50	1,000
RN0401S	N	57.00	70	N	50	N	45	500
RN0402S	N	6.00	100	N	20	N	65	1,000
RN0403S	N	66.00	150	N	50	N	65	1,000
RN0404S	N	7.80	70	N	<10	N	55	500
RN0405S	N	5.00	30	N	20	N	30	200
RN0406S	N	100.00	50	N	20	N	55	200
RN0407S	N	33.00	50	N	20	200	150	150
RN0408S	N	9.10	50	N	20	N	85	150
RN0409S	N	32.00	50	N	20	N	40	200
RN0410S	N	86.00	70	N	30	N	80	300
RN0411S	N	10.00	70	N	30	N	60	200
RN0412S	N	22.00	50	N	50	N	110	200
RN0413S	N	2.20	50	N	30	200	190	300
RN0414S	N	25.00	100	N	50	500	--	1,000
RN0415S	N	5.80	50	N	20	N	200	300
RN0416S	N	16.00	15	N	100	500	280	1,000
RN0417S	N	11.00	20	N	50	700	220	1,000
RN0418S	N	14.00	100	N	70	N	200	300
RN0419S	N	18.00	15	N	70	700	960	200
RN0420S	N	22.00	15	N	70	300	230	100
RN0421S	N	1.20	20	N	100	500	410	200
RN0422S	N	7.70	50	N	30	300	250	200
RN0423S	N	16.00	20	N	50	700	250	300
RN0424S	N	4.50	50	N	30	N	110	200
RN0425S	N	14.00	50	N	30	N	95	150
RN0426S	N	5.50	50	N	50	N	50	150
RN0428S	N	4.90	50	N	50	N	60	200
RN0429S	100	20.00	50	N	70	N	70	300

TABLE 3.--ANALYSES OF STREAM-SEDIMENT SAMPLES--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	As-ppm aa	B-ppm s	Ba-ppm s	Be-ppm s
RN0430S	44 32 14	114 54 59	2.00	.50	.50	.30	700	N	N	45	150	500	3.0
RN0432S	44 35 30	114 56 15	2.00	1.50	2.00	.50	500	N	N	10	70	1,000	1.5
RN0433S	44 35 32	114 56 14	5.00	2.00	2.00	1.00	700	N	N	N	30	1,000	2.0
RN0434S	44 35 35	114 57 8	5.00	1.50	1.00	.70	500	N	N	5	30	1,000	1.5
RN0435S	44 35 42	114 57 33	2.00	1.50	1.50	.30	500	N	N	N	20	1,500	2.0
RN0436S	44 35 38	114 57 55	5.00	1.50	1.50	1.00	500	N	N	<5	70	1,000	1.5
RN0437S	44 35 33	114 57 47	3.00	1.00	1.00	.70	300	N	N	N	20	700	1.0
RN0438S	44 35 29	114 58 20	2.00	1.00	.70	.50	300	N	N	N	30	700	1.5
RN0439S	44 35 16	114 58 37	3.00	1.00	1.00	.70	700	N	N	20	50	700	2.0
RN0440S	44 34 48	114 59 8	3.00	2.00	1.50	.30	700	<.5	N	20	100	1,500	2.0
RN0441S	44 34 50	114 59 7	2.00	5.00	2.00	.30	500	N	N	15	100	700	1.5
RN0442S	44 34 11	114 59 15	2.00	.70	.50	.50	300	N	N	10	70	1,000	1.5
RN0443S	44 33 47	114 59 30	2.00	.50	.30	.30	200	N	N	10	50	1,000	1.5
RN0445S	44 37 24	114 58 57	3.00	1.50	1.00	.70	500	N	N	5	20	1,000	2.0
RN0446S	44 37 21	114 59 0	5.00	1.00	1.50	1.00	500	N	N	15	30	1,000	2.0
RN0447S	44 37 44	114 57 56	3.00	1.00	1.00	.50	700	N	N	10	30	1,000	2.0
RN0448S	44 37 42	114 57 54	3.00	1.00	1.00	.50	500	N	N	5	10	1,000	1.0
RN0449S	44 38 0	114 57 0	2.00	1.00	1.00	.50	500	N	N	5	70	700	1.0
RN0450S	44 38 1	114 56 54	2.00	1.50	1.00	.50	500	N	N	5	15	700	1.5
RN0451S	44 38 56	114 52 21	3.00	1.00	1.50	.70	700	N	N	<5	10	1,000	2.0
RN0452S	44 39 40	114 51 38	2.00	.50	1.00	.70	500	N	N	<5	10	1,000	2.0
RN0453S	44 40 40	114 52 4	5.00	1.00	1.00	.50	500	N	N	5	10	1,000	2.0
RN0454S	44 40 42	114 52 3	10.00	1.50	1.50	1.00	700	N	N	<5	20	1,500	1.5
RN0455S	44 41 23	114 47 34	3.00	.50	1.00	.50	500	N	N	N	10	700	1.5
RN0456S	44 41 20	114 47 34	2.00	.50	.30	.50	500	.7	N	N	10	1,000	1.5
RN0457S	44 26 8	114 51 12	3.00	.70	.50	.50	700	N	N	20	20	500	3.0
RN0458S	44 26 8	114 51 15	3.00	.70	.50	.50	1,000	N	N	25	50	700	3.0
RN0459S	44 25 14	114 50 56	5.00	1.00	.50	.50	1,000	N	N	N	10	700	3.0
RN0460S	44 24 30	114 50 24	3.00	.20	.15	.30	1,500	N	N	15	<10	500	7.0
RN0461S	44 28 7	114 47 56	5.00	1.50	.50	.50	500	N	N	40	50	1,000	3.0
RN0462S	44 28 5	114 47 53	2.00	1.00	.70	.30	700	<.5	N	30	30	700	3.0
RN0463S	44 37 49	114 48 13	2.00	.30	.50	.30	700	N	N	5	10	700	3.0
RN0464S	44 37 43	114 48 10	2.00	1.00	.70	.50	500	N	N	5	15	1,000	2.0
RN0466S	44 41 44	114 45 38	3.00	.70	1.00	.30	500	N	N	<5	15	700	2.0
RN0467S	44 36 36	114 47 42	2.00	1.00	1.00	.30	500	.5	N	<5	30	1,000	3.0
RN0468S	44 36 48	114 47 21	2.00	.50	.30	.50	300	N	N	N	<10	1,000	1.5
RN0469S	44 37 0	114 46 50	2.00	.50	.50	.20	1,000	N	N	N	10	1,000	2.0
RN0470S	44 37 36	114 45 26	2.00	.50	.50	.20	200	.5	N	N	20	700	1.5
RN0471S	44 34 44	114 48 15	3.00	1.00	1.00	.70	300	N	N	N	20	700	1.5
RN0472S	44 34 42	114 48 16	5.00	1.50	1.00	.70	500	N	N	N	20	700	1.5
RN0473S	44 32 25	114 47 25	2.00	1.00	1.50	.70	500	N	N	--	20	700	1.0
RN0474S	44 32 31	114 46 56	2.00	1.00	1.00	.50	1,000	N	N	N	30	1,000	2.0
RN0475S	44 30 46	114 45 22	3.00	1.50	1.50	.50	500	N	N	N	10	1,000	1.0
RN0476S	44 30 7	114 46 52	2.00	.50	.70	.20	700	<.5	N	10	30	700	3.0
RN0477S	44 30 7	114 46 54	2.00	.70	1.00	.30	700	N	N	15	30	700	3.0

TABLE 3.--ANALYSES OF STREAM-SEDIMENT SAMPLES--Continued

Sample	Cd-ppm aa	Co-ppm s	Cr-ppm s	Cu-ppm s	F-ppm si	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm aa	Sc-ppm s	Sn-ppm s	Sr-ppm s
RN0430S	.1	<5	N	10	500	200	N	N	N	20	N	<5	N	500
RN0432S	.1	15	50	15	400	300	N	20	20	20	N	10	N	700
RN0433S	.1	20	100	10	500	50	N	20	20	50	N	20	N	500
RN0434S	.1	20	150	15	500	200	5	30	20	20	N	15	N	500
RN0435S	.1	15	70	10	600	50	N	<20	10	30	N	10	N	700
RN0436S	.1	20	150	15	400	200	N	30	20	30	N	15	N	700
RN0437S	N	15	50	10	500	200	N	30	10	10	N	15	N	500
RN0438S	.2	10	50	10	600	100	N	20	15	10	N	7	N	300
RN0439S	.2	15	50	15	500	100	N	30	15	20	<2	10	N	300
RN0440S	.5	10	20	15	600	200	N	20	20	50	<2	7	N	500
RN0441S	.1	10	50	15	700	70	<5	N	30	50	N	10	N	200
RN0442S	N	5	30	<5	500	500	N	30	7	20	N	7	N	300
RN0443S	N	5	10	<5	500	300	N	20	5	20	N	5	N	500
RN0445S	.2	15	50	10	600	100	N	30	10	30	<2	15	N	500
RN0446S	.2	20	70	10	900	200	N	50	10	30	<2	15	N	500
RN0447S	.2	20	50	10	600	100	N	30	10	50	<2	10	N	700
RN0448S	N	20	100	7	700	70	N	30	15	20	N	7	N	500
RN0449S	N	15	50	15	400	70	N	20	10	20	N	10	N	300
RN0450S	N	20	100	5	500	100	N	20	20	30	N	15	N	500
RN0451S	.1	15	100	5	400	300	N	30	10	50	N	15	N	500
RN0452S	N	10	50	N	600	300	N	30	5	30	N	10	N	500
RN0453S	.1	15	50	10	500	150	N	20	15	30	N	15	N	200
RN0454S	.1	20	100	15	700	150	N	30	15	30	N	20	N	500
RN0455S	.1	7	50	<5	400	500	N	20	10	30	N	15	N	300
RN0456S	.1	7	50	N	400	200	N	20	10	30	N	7	N	200
RN0457S	.3	5	15	15	300	70	N	N	5	15	N	7	N	200
RN0458S	1.0	10	15	50	500	70	7	<20	7	100	N	7	N	200
RN0459S	N	10	100	15	500	50	N	<20	10	20	N	10	N	200
RN0460S	.2	<5	<10	15	200	70	<5	50	N	30	N	<5	N	N
RN0461S	1.2	20	100	50	500	100	<5	30	50	50	<2	10	N	150
RN0462S	1.3	10	50	20	600	150	10	30	30	70	<2	10	N	200
RN0463S	.1	5	<10	7	600	150	N	50	<5	50	N	5	N	300
RN0464S	.1	15	70	15	800	70	N	20	15	50	N	10	N	500
RN0466S	.1	7	50	5	700	300	N	20	10	30	N	10	N	300
RN0467S	.2	7	50	15	100	150	<5	30	10	50	N	10	N	500
RN0468S	N	5	20	<5	300	100	N	30	5	30	N	7	N	300
RN0469S	.6	7	10	20	600	100	N	<20	10	50	N	10	N	300
RN0470S	N	10	50	10	300	50	N	N	10	30	N	10	N	300
RN0471S	N	15	50	7	600	100	N	30	10	20	N	10	N	500
RN0472S	N	20	70	15	600	150	N	30	15	20	N	15	N	500
RN0473S	--	15	70	10	900	150	N	70	10	30	--	15	N	700
RN0474S	.8	15	30	50	800	100	N	30	10	50	N	15	N	700
RN0475S	N	20	100	10	500	50	N	N	15	20	N	15	N	700
RN0476S	2.0	5	<10	20	500	150	20	20	<5	200	N	5	N	700
RN0477S	1.6	10	20	50	400	100	<5	50	10	100	N	7	N	700

TABLE 3.--ANALYSES OF STREAM-SEDIMENT SAMPLES--Continued

Sample	Th-ppm s	U-inst	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zn-ppm aa	Zr-ppm s
RN0430S	N	12.00	30	N	20	N	75	300
RN0432S	N	4.40	100	N	30	N	65	200
RN0433S	N	1.30	100	N	20	N	80	150
RN0434S	N	1.70	100	N	50	N	80	>1,000
RN0435S	N	.80	50	N	20	N	60	150
RN0436S	N	2.30	100	N	30	N	40	500
RN0437S	N	3.80	50	N	30	N	70	500
RN0438S	N	1.90	70	N	20	N	70	200
RN0439S	N	3.40	50	N	30	N	65	300
RN0440S	N	2.90	100	N	30	N	100	200
RN0441S	N	2.90	100	N	20	N	65	200
RN0442S	N	2.50	50	N	50	N	60	200
RN0443S	N	3.10	50	N	50	N	70	200
RN0445S	N	2.50	70	N	20	N	75	500
RN0446S	N	9.50	100	N	50	N	75	500
RN0447S	N	12.00	70	N	20	200	75	200
RN0448S	N	1.10	70	N	15	N	80	200
RN0449S	N	1.40	70	N	20	N	70	200
RN0450S	N	2.70	70	N	20	N	70	200
RN0451S	N	1.30	70	N	30	N	40	300
RN0452S	N	1.70	70	N	50	N	30	300
RN0453S	N	2.50	150	N	50	N	60	300
RN0454S	N	2.70	150	N	50	N	60	1,000
RN0455S	N	8.50	50	N	50	N	70	1,000
RN0456S	N	2.10	50	N	30	N	80	700
RN0457S	N	6.00	50	N	20	N	70	500
RN0458S	N	4.00	70	N	10	N	100	300
RN0459S	N	4.00	70	N	15	N	40	300
RN0460S	N	.50	15	N	30	N	95	700
RN0461S	N	7.40	100	N	20	300	190	150
RN0462S	N	33.00	100	N	50	N	200	200
RN0463S	N	5.70	20	N	50	N	50	300
RN0464S	N	12.00	50	N	20	N	50	150
RN0466S	N	2.80	50	N	50	N	50	300
RN0467S	N	24.00	50	N	70	N	65	200
RN0468S	N	4.10	30	N	20	N	60	700
RN0469S	N	6.20	30	N	30	N	95	150
RN0470S	N	3.30	50	N	20	N	50	200
RN0471S	N	1.50	70	N	20	N	80	150
RN0472S	N	3.80	70	N	30	N	75	200
RN0473S	N	5.10	70	N	70	N	--	200
RN0474S	N	2.30	50	N	30	N	130	200
RN0475S	N	.85	100	N	20	N	80	150
RN0476S	N	32.00	50	N	30	N	120	150
RN0477S	N	80.00	50	N	30	<200	100	150

TABLE 3.--ANALYSES OF STREAM-SEDIMENT SAMPLES--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	As-ppm aa	B-ppm s	Ba-ppm s	Be-ppm s
RN0478S	44 32 47	114 45 40	7.00	.70	1.00	.70	1,500	N	N	<5	100	300	3.0
RN0479S	44 32 54	114 45 42	2.00	1.00	.70	.30	1,000	N	N	5	20	1,000	2.0
RN0481S	44 33 8	114 44 3	5.00	2.00	2.00	1.00	700	N	N	<5	20	1,000	1.5
RN0482S	44 33 13	114 43 4	3.00	2.00	1.50	.50	700	N	N	<5	20	1,000	2.0
RN0483S	44 33 22	114 42 9	7.00	3.00	2.00	>1.00	700	N	N	<5	20	1,000	1.0
RN0484S	44 27 14	114 45 2	1.50	.50	.20	.20	700	N	N	30	10	1,000	5.0
RN0485S	44 27 24	114 45 9	5.00	1.50	.50	.50	700	N	N	15	10	1,000	2.0
RN0486S	44 27 27	114 45 8	3.00	1.50	.50	.50	700	N	N	10	10	1,000	3.0
RN0487S	44 27 12	114 47 0	5.00	1.50	.50	.70	1,000	N	N	15	15	700	2.0
RN0488S	44 29 17	114 45 36	2.00	.50	.50	.30	700	<.5	N	10	20	700	7.0
RN0489S	44 29 18	114 45 40	2.00	.70	.70	.50	700	<.5	N	15	20	700	3.0
RN0490S	44 29 28	114 45 34	3.00	1.00	1.00	.50	1,000	<.5	N	10	30	700	2.0
RN0491S	44 26 56	114 44 0	2.00	.20	.20	.20	3,000	7.0	N	N	10	500	10.0
RN0492S	44 27 14	114 44 30	2.00	.50	.50	.30	500	.5	N	N	10	1,000	5.0
RN0493S	44 28 29	114 43 49	1.00	.20	.10	.15	500	N	N	15	10	500	5.0
RN0494S	44 28 48	114 43 54	7.00	1.00	1.00	.70	1,500	N	N	10	<10	500	7.0
RN0495S	44 29 28	114 44 4	3.00	1.00	.50	.70	1,000	N	N	N	50	1,000	2.0
RN0496S	44 29 11	114 38 7	2.00	.70	.70	.70	700	N	N	N	<10	500	1.5
RN0497S	44 29 4	114 37 40	1.00	.20	.50	.07	200	N	N	N	10	700	2.0
RN0498S	44 28 4	114 39 19	2.00	.70	1.50	.70	500	N	N	N	10	700	3.0
RN0499S	44 27 59	114 39 17	2.00	.30	1.00	1.00	1,000	N	N	N	10	1,500	2.0
RN0500S	44 27 26	114 41 39	3.00	1.00	.30	.70	700	50.0	N	120	10	1,000	2.0
RN0501S	44 29 34	114 42 11	1.50	.50	.50	.15	300	N	N	5	<10	700	5.0
RN0502S	44 29 31	114 42 11	2.00	.30	.20	.30	500	N	N	10	15	500	3.0
RN0503S	44 29 30	114 42 5	2.00	.20	.50	.30	700	N	N	5	10	700	3.0
RN0504S	44 29 48	114 42 1	1.00	.10	.30	.10	300	N	N	N	20	200	5.0
RN0505S	44 29 56	114 41 52	1.50	.15	.30	.15	500	N	N	N	15	500	5.0
RN0506S	44 30 3	114 41 35	1.00	.15	.20	.15	500	N	N	N	10	300	5.0
RN0507S	44 30 3	114 41 18	2.00	.20	.70	.30	500	N	N	N	<10	700	2.0
RN0509S	44 37 59	114 44 48	2.00	1.00	1.00	.50	500	N	N	<5	20	1,000	2.0
RN0512S	44 28 8	114 42 1	2.00	.20	.30	.20	500	N	N	5	15	700	5.0
RN0513S	44 28 5	114 42 2	2.00	.30	.20	.20	300	N	N	5	10	700	2.0
RN0514S	44 27 55	114 41 45	5.00	1.00	.20	.50	500	.7	N	N	10	1,000	2.0
RN0515S	44 27 56	114 41 39	1.50	.30	.50	.15	500	N	N	N	10	500	3.0
RN0516S	44 28 34	114 40 6	1.50	.10	.30	.20	500	N	N	N	20	200	3.0
RN0517S	44 30 37	114 51 24	2.00	1.00	1.00	.70	500	N	N	N	10	1,000	5.0
RN0518S	44 33 33	114 41 40	2.00	.50	1.00	.30	700	N	N	N	10	2,000	2.0
RN0520S	44 30 28	114 39 23	2.00	.30	.50	.30	1,000	N	N	N	<10	200	7.0
RN0521S	44 30 48	114 39 40	3.00	1.00	1.50	.50	700	N	N	<5	10	1,000	2.0
RN0522S	44 30 9	114 40 41	3.00	.50	.70	.20	700	N	N	5	10	500	5.0
RN0523S	44 30 14	114 40 38	3.00	.50	.70	.20	700	N	N	5	20	500	10.0
RN0524S	44 30 54	114 40 35	1.50	.15	.70	.10	500	N	N	N	10	150	15.0
RN0525S	44 26 42	114 48 40	3.00	1.00	.30	.30	500	N	N	80	50	700	2.0
RN0526S	44 27 45	114 48 13	5.00	1.50	.50	.50	700	N	N	40	70	1,000	2.0
RN0527S	44 27 15	114 48 46	2.00	1.00	.30	.30	500	N	N	20	70	1,000	3.0

TABLE 3.--ANALYSES OF STREAM-SEDIMENT SAMPLES--Continued

Sample	Cd-ppm aa	Co-ppm s	Cr-ppm s	Cu-ppm s	F-ppm si	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm aa	Sc-ppm s	Sn-ppm s	Sr-ppm s
RN0478S	.1	10	50	20	400	100	N	50	15	<10	N	10	N	300
RN0479S	.5	10	10	15	600	100	N	30	5	50	<2	10	N	700
RN0481S	.2	30	200	10	300	100	N	20	30	15	<2	20	N	700
RN0482S	.2	20	70	10	300	70	N	N	20	50	<2	10	N	700
RN0483S	.2	50	200	15	300	150	N	30	30	20	<2	30	N	700
RN0484S	.2	10	15	10	800	100	7	30	5	30	N	7	N	N
RN0485S	.1	20	50	15	600	70	N	<20	10	50	N	20	N	200
RN0486S	.3	20	70	15	1,000	100	N	20	10	50	N	15	N	<100
RN0487S	.3	20	100	15	300	50	N	20	20	30	N	15	N	200
RN0488S	.7	10	20	10	300	200	5	30	7	50	N	7	N	200
RN0489S	.7	10	20	15	400	150	7	50	7	70	N	10	N	300
RN0490S	.3	15	50	15	400	100	N	30	15	70	N	15	N	300
RN0491S	6.7	50	<10	150	400	150	15	50	10	150	N	5	N	N
RN0492S	.2	10	20	15	500	100	10	<20	10	70	N	10	N	200
RN0493S	.3	N	<10	10	200	100	5	50	5	50	N	<5	N	N
RN0494S	.3	15	50	20	400	70	N	<20	7	30	N	10	N	300
RN0495S	.2	15	70	15	500	150	N	20	15	50	N	10	N	300
RN0496S	N	10	10	N	400	300	N	70	<5	50	N	10	N	200
RN0497S	N	5	N	N	200	<20	N	N	N	20	N	<5	N	200
RN0498S	N	10	50	5	100	200	N	50	7	50	N	15	N	300
RN0499S	.1	7	30	<5	100	500	N	70	5	100	N	15	N	300
RN0500S	2.2	20	100	200	500	100	5	20	15	70	4	20	N	200
RN0501S	.2	5	<10	5	500	100	N	<20	5	20	N	7	N	300
RN0502S	.2	7	10	10	400	100	5	30	7	50	N	10	N	<100
RN0503S	.2	5	10	10	600	200	<5	50	5	70	N	7	N	200
RN0504S	.1	<5	N	<5	400	150	<5	50	<5	70	N	N	N	N
RN0505S	.2	<5	N	5	400	150	<5	50	<5	70	N	<5	N	N
RN0506S	N	N	N	N	200	70	N	50	N	50	N	<5	N	N
RN0507S	.1	5	N	<5	300	100	N	30	<5	50	N	5	N	200
RN0509S	.2	10	50	10	200	70	N	20	7	50	<2	10	N	300
RN0512S	.1	5	10	7	800	150	5	30	5	50	N	7	N	<100
RN0513S	.4	5	30	10	500	100	N	20	10	50	N	7	N	<100
RN0514S	.9	20	50	15	800	70	N	<20	10	50	N	15	N	<100
RN0515S	N	5	N	<5	400	100	N	30	<5	50	N	<5	N	200
RN0516S	N	<5	N	<5	200	150	N	50	N	70	N	<5	N	N
RN0517S	.5	10	50	15	400	200	<5	30	15	50	N	10	N	500
RN0518S	.1	5	15	<5	400	100	N	20	7	30	N	7	N	500
RN0520S	.2	N	N	5	100	70	N	30	N	30	N	N	N	N
RN0521S	.3	15	50	10	400	150	N	20	10	50	<2	15	N	500
RN0522S	.2	<5	N	5	200	150	N	50	<5	50	<2	5	N	150
RN0523S	.4	5	10	15	300	300	N	30	10	100	<2	10	N	150
RN0524S	.4	N	N	5	100	150	N	50	N	100	<2	N	N	N
RN0525S	.7	15	100	15	600	50	N	<20	15	30	<2	15	N	200
RN0526S	.4	30	150	70	600	100	<5	20	50	50	N	15	N	200
RN0527S	.8	10	50	30	500	150	5	30	20	50	N	10	N	200

TABLE 3.--ANALYSES OF STREAM-SEDIMENT SAMPLES--Continued

Sample	Th-ppm s	U-inst	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zn-ppm aa	Zr-ppm s
RN0478S	N	5.00	100	N	50	N	70	500
RN0479S	N	4.80	50	N	30	N	70	150
RN0481S	N	.90	100	N	20	N	55	200
RN0482S	N	2.60	50	N	20	N	60	150
RN0483S	N	2.90	150	N	30	N	70	500
RN0484S	N	.90	50	N	50	<200	110	300
RN0485S	N	1.00	100	N	30	N	90	200
RN0486S	N	2.10	100	N	30	<200	120	200
RN0487S	N	1.70	100	N	30	200	120	200
RN0488S	N	14.00	50	N	70	200	170	200
RN0489S	N	25.00	50	N	50	N	100	300
RN0490S	N	2.20	70	N	50	N	100	200
RN0491S	N	15.00	30	N	70	500	210	300
RN0492S	N	3.90	50	N	50	N	90	150
RN0493S	N	3.60	20	N	50	N	90	500
RN0494S	N	5.30	150	N	30	N	100	500
RN0495S	N	5.10	70	N	30	N	85	200
RN0496S	N	1.30	50	N	50	N	45	500
RN0497S	N	1.10	15	N	15	N	20	100
RN0498S	N	2.30	70	N	50	N	60	500
RN0499S	N	3.90	50	N	50	N	110	700
RN0500S	N	1.00	100	N	50	200	130	300
RN0501S	N	7.70	50	N	50	N	80	150
RN0502S	N	1.70	50	N	50	N	65	200
RN0503S	N	1.60	50	N	50	N	60	300
RN0504S	N	5.40	10	N	50	N	50	200
RN0505S	N	3.30	15	N	70	N	50	300
RN0506S	N	1.70	15	N	50	N	70	300
RN0507S	N	1.20	20	N	50	N	50	300
RN0509S	N	1.20	70	N	30	N	45	500
RN0512S	N	3.70	30	N	50	N	50	300
RN0513S	N	1.10	50	N	50	N	100	500
RN0514S	N	1.10	100	N	30	N	190	300
RN0515S	N	.75	20	N	50	N	40	300
RN0516S	N	.70	15	N	50	N	15	300
RN0517S	N	8.30	100	N	50	200	190	700
RN0518S	N	.90	30	N	20	N	65	200
RN0520S	N	1.40	20	N	50	N	75	700
RN0521S	N	2.00	70	N	30	N	55	300
RN0522S	N	1.70	30	N	50	N	70	500
RN0523S	N	29.00	50	N	150	N	75	200
RN0524S	N	17.00	10	N	100	N	50	200
RN0525S	N	3.80	70	N	20	<200	180	300
RN0526S	N	2.40	100	N	30	<200	120	150
RN0527S	N	4.20	70	N	30	<200	150	150

TABLE 3.--ANALYSES OF STREAM-SEDIMENT SAMPLES--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	As-ppm aa	B-ppm s	Ba-ppm s	Be-ppm s
RN0528S	44 27 12	114 48 37	3.00	1.00	.30	.50	700	<.5	N	60	50	700	2.0
RN0529S	44 37 14	114 45 31	2.00	.50	.50	.30	500	N	N	N	20	1,500	2.0
RN0530S	44 37 13	114 45 35	2.00	.70	1.50	.50	500	N	N	N	10	1,000	1.5
RN0531S	44 36 4	114 43 28	2.00	.50	.50	.30	500	N	N	N	20	1,000	1.5
RN0532S	44 36 32	114 41 24	1.50	.30	.30	.15	300	1.0	N	N	15	1,000	2.0
RN0533S	44 36 41	114 41 48	1.50	.30	.20	.15	500	N	N	N	15	1,500	1.5
RN0534S	44 36 48	114 41 47	2.00	.30	.30	.30	500	.5	N	N	20	1,500	3.0
RN0535S	44 37 2	114 42 57	1.50	.50	.30	.30	300	N	N	N	30	1,000	2.0
RN0536S	44 36 47	114 43 53	2.00	.70	.50	.50	500	N	N	N	20	1,000	2.0
RN0537S	44 36 44	114 43 58	2.00	.70	1.00	.50	500	N	N	N	15	1,500	2.0
RN0538S	44 36 46	114 44 45	1.50	.70	1.00	.20	300	N	N	N	20	1,000	2.0
RN0539S	44 39 15	114 41 50	2.00	.50	.20	.20	500	N	N	N	15	1,500	1.5
RN0540S	44 38 20	114 41 6	3.00	.50	.30	.70	1,000	N	N	N	10	1,000	3.0
RN0541S	44 38 19	114 41 9	2.00	.30	.30	.30	1,000	N	N	N	20	1,000	3.0
RN0542S	44 38 25	114 41 3	3.00	.50	.50	.50	1,000	<.5	N	N	50	700	5.0
RN0543S	44 38 34	114 41 31	2.00	.50	.50	.20	1,000	.5	N	<5	30	1,500	2.0
RN0544S	44 41 4	114 42 44	1.00	.15	.50	.07	500	2.0	N	10	50	300	7.0
RN0545S	44 44 18	114 39 43	3.00	1.00	1.00	.50	1,000	N	N	15	20	1,000	2.0
RN0546S	44 44 21	114 39 48	2.00	.70	.50	.50	500	N	N	<5	20	1,000	2.0
RN0547S	44 43 50	114 40 28	2.00	.70	.70	.50	500	N	N	5	20	1,000	2.0
RN0550S	44 42 24	114 39 22	1.50	.50	.30	.15	500	<.5	N	N	15	1,000	2.0
RN0551S	44 42 23	114 39 18	1.50	.50	.30	.15	300	N	N	N	15	1,000	1.5
RN0553S	44 39 41	114 34 0	1.50	.15	.20	.20	300	N	N	N	20	500	3.0
RN0554S	44 39 44	114 34 3	1.50	.10	.10	.15	300	N	N	N	30	500	5.0
RN0555S	44 39 4	114 35 13	1.00	.15	.10	.10	200	N	N	N	20	500	5.0
RN0556S	44 38 27	114 35 43	1.50	.70	.20	.50	200	N	N	N	20	700	1.5
RN0558S	44 40 44	114 35 43	2.00	.20	.20	.30	500	N	N	<5	20	1,500	5.0
RN0559S	44 40 46	114 35 47	1.50	.20	.30	.20	700	N	N	N	30	1,500	5.0
RN0560S	44 40 31	114 35 56	1.50	.20	.50	.20	500	.7	N	<5	30	1,000	10.0
RN0561S	44 40 26	114 36 56	1.50	.20	.30	.15	700	<.5	N	<5	30	1,000	5.0
RN0562S	44 40 24	114 36 52	1.50	.20	.30	.20	500	<.5	N	N	30	1,500	3.0
RN0563S	44 39 27	114 37 13	1.50	.30	.30	.50	700	.5	N	5	30	1,000	7.0
RN0564S	44 38 23	114 36 51	2.00	.50	.50	.50	500	<.5	N	<5	20	1,500	2.0
RN0565S	44 33 33	114 34 2	2.00	.10	.20	.70	500	N	N	N	<10	1,000	1.0
RN0566S	44 33 49	114 35 36	2.00	.10	.20	1.00	500	N	N	N	<10	700	1.0
RN0567S	44 32 22	114 35 41	2.00	.03	.10	.20	500	N	N	N	30	100	10.0
RN0569S	44 30 34	114 37 3	1.50	.10	.30	.20	300	N	N	N	20	150	3.0
RN0570S	44 30 34	114 37 6	1.50	.15	.20	.15	700	N	N	<5	20	200	7.0
RN0571S	44 30 52	114 36 54	1.00	.07	.20	.05	500	N	N	N	30	100	10.0
RN0572S	44 31 6	114 37 16	2.00	.15	.20	.10	1,000	N	N	N	20	500	10.0
RN0573S	44 31 57	114 36 47	1.00	.05	.10	.15	300	N	N	N	20	70	7.0
RN0574S	44 31 56	114 36 47	1.00	.02	.05	.10	200	N	N	N	10	30	7.0
RN0575S	44 32 0	114 36 28	1.50	.07	.20	.10	300	N	N	N	20	150	5.0
RN0576S	44 37 8	114 34 35	2.00	.30	.50	.30	500	.5	N	N	30	1,000	2.0
RN0577S	44 37 34	114 34 58	3.00	.70	.50	.50	1,000	N	N	<5	10	700	5.0

TABLE 3.--ANALYSES OF STREAM-SEDIMENT SAMPLES--Continued

Sample	Cd-ppm aa	Co-ppm s	Cr-ppm s	Cu-ppm s	F-ppm si	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm aa	Sc-ppm s	Sn-ppm s	Sr-ppm s
RN0528S	.4	20	70	50	600	70	<5	N	30	30	N	15	N	<100
RN0529S	.1	7	20	5	400	100	N	20	5	30	N	10	N	500
RN0530S	.1	10	50	5	600	100	N	20	10	30	N	15	N	700
RN0531S	.1	10	50	10	600	150	N	20	10	50	N	10	N	300
RN0532S	.1	<5	<10	7	400	150	N	<20	N	50	N	5	N	200
RN0533S	N	<5	<10	5	400	50	N	<20	N	30	N	<5	N	200
RN0534S	.1	5	20	10	500	100	N	20	5	50	N	10	N	200
RN0535S	N	7	10	7	500	50	N	20	5	30	N	7	N	200
RN0536S	.1	7	50	10	200	100	N	20	7	50	N	10	N	500
RN0537S	N	10	50	5	200	100	N	20	7	30	N	10	N	700
RN0538S	.1	5	10	7	300	150	N	20	5	50	N	7	N	700
RN0539S	N	5	30	<5	400	70	N	20	5	20	N	10	N	200
RN0540S	.1	N	N	7	400	50	N	N	N	15	N	5	N	150
RN0541S	.1	N	N	5	400	50	N	<20	N	10	N	5	N	<100
RN0542S	.1	5	10	30	400	50	N	N	<5	20	N	7	N	200
RN0543S	.2	5	10	10	500	100	N	20	5	70	<2	10	N	150
RN0544S	.7	N	N	50	600	500	N	N	5	50	<2	5	N	N
RN0545S	.3	20	100	10	400	200	5	20	20	50	<2	15	N	500
RN0546S	.2	15	50	10	400	100	N	20	10	50	<2	10	N	500
RN0547S	.3	15	70	10	400	100	N	20	20	50	<2	10	N	300
RN0550S	.1	<5	<10	5	400	100	N	20	<5	50	N	5	N	200
RN0551S	N	<5	<10	5	400	70	N	20	<5	30	N	<5	N	200
RN0553S	.1	<5	10	<5	500	70	N	50	<5	50	N	<5	N	<100
RN0554S	.1	<5	N	<5	500	50	N	70	<5	100	N	<5	N	N
RN0555S	N	<5	N	<5	400	50	N	50	<5	50	N	<5	N	N
RN0556S	N	10	70	7	500	<20	N	20	20	20	N	10	N	200
RN0558S	N	5	<10	5	300	100	N	30	<5	70	N	7	N	200
RN0559S	.1	<5	10	7	300	150	N	30	5	50	N	7	N	200
RN0560S	.1	5	10	15	500	150	N	30	5	50	N	5	N	200
RN0561S	.2	<5	<10	10	500	100	N	20	5	50	N	7	N	150
RN0562S	.1	<5	<10	<5	500	100	N	20	<5	30	N	5	N	150
RN0563S	.2	5	10	15	300	200	N	50	<5	70	N	7	N	200
RN0564S	.1	5	10	7	600	200	N	20	<5	50	N	7	N	300
RN0565S	N	<5	N	N	100	200	N	70	N	30	N	7	N	<100
RN0566S	N	<5	N	N	<100	300	<5	100	N	30	N	15	N	<100
RN0567S	.1	N	N	<5	N	70	N	50	N	20	N	N	N	N
RN0569S	N	<5	<10	7	<100	200	<5	70	N	50	N	<5	N	N
RN0570S	.2	N	<10	5	100	150	<5	70	N	50	N	N	N	N
RN0571S	.2	N	N	<5	500	50	N	50	<5	30	N	N	N	N
RN0572S	.2	N	<10	7	400	70	N	70	<5	70	N	<5	N	N
RN0573S	.1	N	N	5	400	50	<5	70	N	50	N	N	N	N
RN0574S	.1	N	N	N	400	100	N	70	<5	30	N	N	N	N
RN0575S	.1	N	N	<5	100	70	N	50	N	30	N	N	N	N
RN0576S	.1	5	10	10	500	100	N	20	5	30	N	10	N	200
RN0577S	.1	10	10	10	500	50	N	N	<5	20	N	7	N	200

TABLE 3.--ANALYSES OF STREAM-SEDIMENT SAMPLES--Continued

Sample	Th-ppm s	U-inst	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zn-ppm aa	Zr-ppm s
RN0528S	N	1.50	100	N	20	<200	90	150
RN0529S	N	.75	50	N	30	N	35	300
RN0530S	N	2.30	70	N	20	N	120	200
RN0531S	N	6.10	70	N	30	N	40	300
RN0532S	N	8.10	20	N	30	N	45	200
RN0533S	N	2.50	20	N	20	N	45	300
RN0534S	N	1.80	30	N	30	N	50	300
RN0535S	N	2.80	50	N	30	N	50	300
RN0536S	N	7.60	50	N	20	N	45	300
RN0537S	N	3.30	70	N	20	N	50	200
RN0538S	N	5.30	30	N	20	N	40	300
RN0539S	N	.80	50	N	30	N	40	300
RN0540S	N	2.20	20	N	15	N	40	700
RN0541S	N	2.40	20	N	15	N	35	500
RN0542S	N	3.00	50	N	20	N	45	500
RN0543S	N	2.10	50	N	50	N	50	300
RN0544S	N	88.00	15	N	150	N	60	100
RN0545S	N	18.00	100	N	30	N	60	700
RN0546S	N	9.90	70	N	30	N	50	1,000
RN0547S	N	14.00	70	N	30	N	55	1,000
RN0550S	N	9.50	20	N	30	N	50	300
RN0551S	N	3.60	30	N	20	N	45	300
RN0553S	N	.90	20	N	50	N	40	300
RN0554S	N	1.90	15	N	50	N	30	300
RN0555S	N	1.20	15	N	50	N	45	500
RN0556S	N	2.70	50	N	20	N	40	200
RN0558S	N	--	30	N	70	N	40	500
RN0559S	N	11.00	30	N	50	N	35	200
RN0560S	N	34.00	30	N	100	N	35	200
RN0561S	N	14.00	30	N	50	N	20	200
RN0562S	N	5.20	30	N	50	N	30	200
RN0563S	N	5.50	30	N	100	N	80	300
RN0564S	N	2.90	50	N	50	N	40	300
RN0565S	N	1.30	10	N	50	N	80	1,000
RN0566S	N	1.40	10	N	50	N	65	>1,000
RN0567S	N	4.70	N	N	50	<200	55	500
RN0569S	N	1.40	15	N	50	N	70	300
RN0570S	N	3.50	15	N	70	N	60	300
RN0571S	N	5.90	10	N	50	N	25	200
RN0572S	N	2.10	15	N	70	<200	110	200
RN0573S	N	.80	<10	N	50	N	50	300
RN0574S	N	1.30	<10	N	50	N	70	200
RN0575S	N	2.70	<10	N	70	N	50	200
RN0576S	N	.80	30	N	30	N	60	200
RN0577S	N	1.80	70	N	15	N	70	300

TABLE 3.--ANALYSES OF STREAM-SEDIMENT SAMPLES--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	As-ppm aa	B-ppm s	Ba-ppm s	Be-ppm s
RN0578S	44 37 32	114 35 0	3.00	.50	.50	.50	1,000	N	N	10	20	700	5.0
RN0579S	44 37 43	114 36 22	2.00	.15	.20	.50	500	N	N	5	30	200	7.0
RN0580S	44 29 3	114 37 20	5.00	1.00	1.50	.50	1,000	N	N	N	30	700	3.0
RN0581S	44 29 8	114 37 11	5.00	2.00	2.00	.70	1,000	N	N	<5	20	700	3.0
RN0582S	44 31 22	114 34 41	1.00	.15	.20	.20	500	N	N	N	15	200	2.0
RN0583S	44 31 23	114 34 40	2.00	.20	.30	.20	700	N	N	N	20	300	7.0
RN0584S	44 31 29	114 34 8	1.50	.15	.30	.30	700	N	N	N	15	500	5.0
RN0585S	44 31 20	114 33 38	3.00	.15	.20	1.00	1,000	N	N	N	10	500	2.0
RN0586S	44 32 36	114 30 27	2.00	.15	.20	.70	1,000	N	N	N	15	500	5.0
RN0587S	44 32 13	114 48 12	5.00	2.00	2.00	.70	700	<.5	N	10	10	700	2.0
RN0588S	44 32 13	114 48 11	3.00	1.00	1.00	.50	700	<.5	N	10	20	1,000	2.0
RN0589S	44 32 31	114 48 29	5.00	1.50	1.50	.70	700	N	N	5	50	1,000	2.0
RN0590S	44 32 34	114 49 28	3.00	1.50	1.50	.70	700	N	N	<5	20	700	1.5
RN0591S	44 36 9	114 48 26	3.00	1.00	1.00	.70	700	N	N	N	20	1,500	2.0
RN0592S	44 35 48	114 48 52	5.00	1.00	2.00	1.00	300	N	N	N	20	1,000	2.0
RN0593S	44 35 41	114 49 9	7.00	1.00	1.00	.70	700	N	N	10	30	700	2.0
RN0594S	44 35 14	114 49 22	5.00	1.00	1.50	.70	500	N	N	N	30	700	2.0
RN0595S	44 35 9	114 54 7	3.00	.70	.30	.50	500	N	N	10	150	700	2.0
RN0596S	44 35 52	114 52 58	2.00	.70	1.00	.50	500	N	N	5	50	700	2.0
RN0597S	44 35 22	114 52 18	3.00	1.00	.30	.30	500	N	N	10	200	500	2.0
RN0598S	44 34 24	114 51 26	5.00	1.00	1.00	.50	500	2.0	N	5	50	1,000	2.0
RN0599S	44 34 19	114 51 25	3.00	2.00	2.00	.50	500	N	N	15	100	500	1.0
RN0600S	44 35 12	115 4 6	1.50	.50	.50	.30	200	N	N	N	30	1,000	2.0
RN0601S	44 34 30	115 4 14	2.00	1.50	1.00	.30	500	<.5	N	15	50	700	1.5
RN0602S	44 33 30	115 4 7	2.00	1.00	.70	.50	500	.5	N	10	30	700	2.0
RN0603S	44 33 38	115 1 0	1.50	.50	.50	.50	500	<.5	N	10	70	1,000	1.5
RN0604S	44 33 36	115 1 8	3.00	.50	.70	.30	300	<.5	N	20	100	700	2.0
RN0605S	44 33 7	115 1 5	2.00	.70	1.00	.50	500	N	N	30	50	1,000	1.5
RN0606S	44 32 44	115 1 28	2.00	.50	1.00	.30	500	N	N	20	30	1,500	2.0
RN0607S	44 32 33	115 1 58	2.00	.70	1.00	.70	500	N	N	5	20	1,500	1.5
RN0608S	44 32 2	115 6 11	2.00	.70	1.00	.50	500	N	N	15	20	1,000	1.0
RN0609S	44 32 8	115 4 27	2.00	.70	1.00	.50	500	N	N	20	20	1,000	2.0
RN0610S	44 33 43	115 5 41	2.00	.70	.70	.50	300	<.5	N	15	30	1,000	3.0
RN0611S	44 29 29	115 5 9	2.00	1.00	1.00	.70	700	<.5	N	20	20	700	2.0
RN0612S	44 29 25	115 5 4	3.00	1.00	.70	.70	500	N	N	N	20	700	1.5
RN0613S	44 29 58	115 4 17	5.00	1.50	1.50	1.00	500	N	N	45	20	700	1.5
RN0614S	44 30 59	115 3 56	3.00	1.00	1.50	.70	700	N	N	20	30	1,000	1.5

TABLE 3.--ANALYSES OF STREAM-SEDIMENT SAMPLES--Continued

Sample	Cd-ppm aa	Co-ppm s	Cr-ppm s	Cu-ppm s	F-ppm si	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm aa	Sc-ppm s	Sn-ppm s	Sr-ppm s
RN0578S	.1	5	<10	15	1,800	50	N	<20	N	20	N	5	N	<100
RN0579S	.1	N	N	5	300	50	N	20	N	20	N	N	N	N
RN0580S	.1	10	100	15	300	70	N	N	7	20	N	15	N	300
RN0581S	.2	30	200	15	400	150	N	50	30	50	<2	20	N	300
RN0582S	N	N	N	N	200	150	N	70	N	30	N	<5	N	N
RN0583S	.3	<5	<10	15	100	150	N	70	5	100	N	5	N	N
RN0584S	.2	N	<10	5	200	100	N	70	5	70	N	5	N	N
RN0585S	.2	<5	10	7	200	100	7	150	5	50	N	15	N	N
RN0586S	.3	N	<10	5	700	150	5	100	5	50	N	7	N	N
RN0587S	.4	20	100	15	300	150	<5	50	20	20	N	20	10	700
RN0588S	.5	10	50	15	500	150	N	30	15	70	N	10	N	700
RN0589S	.1	15	70	20	400	100	N	50	20	30	N	15	N	700
RN0590S	.1	15	70	7	800	150	N	50	15	30	N	15	N	700
RN0591S	.2	15	50	10	400	200	N	20	10	50	N	15	N	500
RN0592S	N	15	50	5	900	200	<5	30	10	15	N	15	N	700
RN0593S	.1	10	20	10	500	70	N	<20	7	20	N	10	N	300
RN0594S	.1	10	30	20	400	70	N	<20	7	20	N	10	N	500
RN0595S	N	15	70	15	600	100	N	20	30	10	N	15	N	200
RN0596S	N	15	50	15	400	100	<5	20	10	30	N	15	N	500
RN0597S	N	20	100	20	300	70	N	20	50	10	N	15	N	150
RN0598S	N	20	70	200	300	50	N	20	20	30	N	15	N	500
RN0599S	.1	15	50	15	300	150	N	20	30	50	<2	7	N	<100
RN0600S	N	5	10	5	600	500	N	30	5	20	N	5	N	500
RN0601S	.2	10	50	15	700	200	N	30	15	30	N	10	N	500
RN0602S	.2	7	20	15	800	200	N	20	10	50	N	10	N	500
RN0603S	.1	10	20	10	600	500	N	30	7	20	N	7	N	500
RN0604S	.3	10	50	10	400	700	N	30	10	100	N	7	N	500
RN0605S	.1	10	100	10	500	1,000	N	50	10	50	N	7	N	500
RN0606S	.3	5	10	5	300	300	N	30	5	50	N	5	N	700
RN0607S	.1	7	15	5	500	200	N	20	10	30	N	7	N	700
RN0608S	.6	5	10	<5	300	300	N	30	7	50	N	7	N	500
RN0609S	.1	7	50	7	400	150	N	20	15	50	N	7	N	500
RN0610S	.2	5	20	10	500	300	N	20	15	50	N	7	N	300
RN0611S	.2	10	50	10	300	100	N	50	15	70	N	10	N	500
RN0612S	.3	10	50	7	700	100	N	30	10	50	N	15	N	300
RN0613S	.1	20	70	7	800	150	<5	50	15	30	N	15	N	700
RN0614S	.2	15	50	5	700	200	N	50	10	50	N	15	N	700

TABLE 3.--ANALYSES OF STREAM-SEDIMENT SAMPLES--Continued

Sample	Th-ppm s	U-inst	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zn-ppm aa	Zr-ppm s
RN0578S	N	1.50	50	N	20	N	60	500
RN0579S	N	3.30	20	N	50	N	55	500
RN0580S	N	2.60	100	N	20	N	45	500
RN0581S	N	3.10	100	N	50	N	55	200
RN0582S	N	1.70	10	N	50	N	35	500
RN0583S	N	9.30	20	N	100	N	80	300
RN0584S	N	4.80	20	N	70	<200	55	500
RN0585S	N	1.40	30	N	70	500	180	>1,000
RN0586S	N	--	20	N	50	N	75	700
RN0587S	N	48.00	100	N	50	N	50	300
RN0588S	N	24.00	70	N	30	N	40	150
RN0589S	N	3.40	100	N	50	N	50	200
RN0590S	N	49.00	100	N	50	N	50	300
RN0591S	N	2.70	70	N	30	N	90	200
RN0592S	N	2.30	100	N	30	N	65	500
RN0593S	N	1.90	100	N	20	N	85	300
RN0594S	N	5.30	100	N	15	N	60	300
RN0595S	N	5.90	70	N	30	N	75	300
RN0596S	N	1.70	70	N	20	N	50	300
RN0597S	N	1.40	70	N	30	N	50	200
RN0598S	N	2.20	70	N	30	N	35	200
RN0599S	N	.80	70	N	30	N	45	1,000
RN0600S	N	2.10	50	N	50	N	60	300
RN0601S	N	4.10	70	N	30	N	75	200
RN0602S	N	13.00	70	N	50	N	100	200
RN0603S	N	4.70	70	N	50	N	65	200
RN0604S	<100	4.90	50	N	70	N	100	300
RN0605S	100	2.60	70	N	100	N	40	500
RN0606S	N	2.50	50	N	30	N	80	200
RN0607S	N	2.10	50	N	30	N	60	300
RN0608S	N	2.00	70	N	30	N	50	150
RN0609S	N	4.70	70	N	30	N	40	200
RN0610S	N	3.60	50	N	50	N	110	150
RN0611S	N	39.00	70	N	50	N	65	500
RN0612S	N	22.00	70	N	20	N	100	300
RN0613S	N	12.00	100	N	15	N	85	200
RN0614S	N	17.00	100	N	50	N	35	300

TABLE 4.--ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES

[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	Be-ppm
			s	s	s	s	s	s	s	s	s	s	s
RN0001H	44 27 38	115 18 34	1.00	.20	7.0	>2.00	1,000	N	N	N	N	<50	N
RN0002H	44 27 4	115 18 21	1.00	.50	15.0	>2.00	500	N	N	N	N	<50	N
RN0003H	44 24 47	115 12 13	1.00	.50	15.0	>2.00	500	N	N	N	<20	300	<2
RN0004H	44 25 17	115 11 27	1.00	1.00	10.0	>2.00	500	N	N	N	<20	150	<2
RN0005H	44 25 45	115 11 32	1.00	.70	3.0	>2.00	300	N	N	N	<20	200	N
RN0006H	44 29 28	115 33 2	1.00	3.00	10.0	>2.00	700	20	N	N	70	<50	N
RN0007H	44 29 36	115 33 2	.30	<.05	5.0	>2.00	500	70	N	70	20	100	N
RN0008H	44 29 15	115 34 26	.70	1.50	15.0	>2.00	700	N	N	N	100	<50	N
RN0009H	44 27 16	115 34 3	.20	.10	.7	>2.00	200	N	N	N	20	200	N
RN0010H	44 26 3	115 32 56	.50	.50	1.0	>2.00	300	N	N	N	20	200	3
RN0011H	44 25 30	115 31 0	1.50	1.00	5.0	2.00	700	N	N	N	50	70	15
RN0012H	44 25 33	115 30 54	.70	.50	5.0	>2.00	300	N	N	N	20	100	5
RN0013H	44 25 13	115 28 53	1.50	.70	10.0	>2.00	1,000	N	N	N	150	700	7
RN0014H	44 28 11	115 25 56	.30	<.05	5.0	>2.00	200	N	N	N	20	150	N
RN0015H	44 28 17	115 26 11	.30	.05	3.0	>2.00	300	N	N	N	20	500	<2
RN0016H	44 27 37	115 24 37	1.00	.05	10.0	>2.00	1,000	N	N	N	N	N	N
RN0017H	44 27 59	115 25 32	.50	.05	7.0	>2.00	500	N	N	N	N	N	N
RN0018H	44 29 23	115 24 41	.50	<.05	5.0	>2.00	500	N	N	N	N	<50	N
RN0019H	44 29 39	115 24 30	.50	.05	5.0	>2.00	700	N	N	N	N	N	<2
RN0020H	44 29 16	115 22 43	.70	.05	7.0	>2.00	700	N	N	N	N	N	N
RN0021H	44 29 34	115 23 55	1.00	.05	10.0	>2.00	700	N	N	N	N	N	N
RN0022H	44 29 36	115 23 47	1.00	.15	7.0	>2.00	700	N	N	N	N	200	N
RN0023H	44 30 46	115 19 30	1.50	.15	10.0	>2.00	1,000	N	N	N	N	N	N
RN0024H	44 30 52	115 19 32	1.50	.10	7.0	>2.00	700	N	N	N	N	N	N
RN0025H	44 32 16	115 19 56	1.00	.10	10.0	>2.00	1,000	N	N	N	N	<50	<2
RN0026H	44 31 53	115 22 55	.70	.10	10.0	>2.00	500	N	N	N	N	150	<2
RN0027H	44 31 59	115 24 22	1.00	.10	5.0	>2.00	500	N	N	N	N	300	<2
RN0028H	44 31 55	115 24 20	.70	.07	20.0	>2.00	700	50	N	70	30	150	N
RN0029H	44 32 51	115 24 20	.70	.20	10.0	>2.00	700	100	N	100	30	500	<2
RN0030H	44 32 55	115 26 54	1.00	.20	10.0	>2.00	700	N	N	N	30	300	2
RN0031H	44 30 9	115 26 35	.50	.05	7.0	>2.00	700	N	N	N	20	<50	N
RN0032H	44 30 27	115 28 25	1.00	.30	5.0	>2.00	700	N	N	N	<20	700	3
RN0033H	44 31 16	115 27 58	1.00	.50	5.0	>2.00	700	N	N	N	50	70	3
RN0034H	44 31 44	115 30 53	.70	.07	7.0	>2.00	700	N	N	N	30	700	2
RN0035H	44 31 44	115 31 8	.50	.15	50.0	1.50	100	N	N	N	N	N	3
RN0036H	44 33 46	115 30 44	2.00	.30	5.0	>2.00	500	N	N	N	70	1,000	5
RN0037H	44 32 36	115 28 37	1.50	.20	5.0	>2.00	300	100	N	150	<20	150	3
RN0038H	44 37 24	115 25 57	1.00	.15	5.0	>2.00	500	N	N	N	N	200	<2
RN0039H	44 37 28	115 25 52	.50	<.05	5.0	2.00	300	N	N	N	N	500	<2
RN0040H	44 35 57	115 21 2	.70	.07	7.0	>2.00	500	100	N	150	N	150	2
RN0041H	44 36 2	115 21 3	.50	.05	10.0	2.00	500	15	N	N	N	700	<2
RN0043H	44 37 16	115 17 31	1.00	.10	15.0	>2.00	500	N	N	N	50	100	<2
RN0044H	44 37 58	115 23 14	1.00	.10	20.0	>2.00	700	N	N	N	30	100	N
RN0045H	44 42 29	115 17 53	.30	.05	30.0	2.00	1,000	50	N	100	<20	<50	N
RN0046H	44 41 36	115 13 45	.70	.20	20.0	>2.00	500	N	N	N	20	200	2

TABLE 4.--ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES--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
BN0001H	N	N	10	N	N	2,000	10	300	N	N	N	<10	70	N
BN0002H	N	N	10	150	N	700	N	300	10	N	N	<10	50	<200
BN0003H	N	N	10	<20	N	700	N	200	10	30	N	N	N	<200
BN0004H	N	N	15	100	N	1,000	N	300	10	N	N	<10	30	N
BN0005H	N	N	N	N	N	500	N	50	10	N	N	15	N	N
BN0006H	50	N	10	20	N	200	N	300	N	N	N	N	70	N
BN0007H	50	N	N	N	N	200	N	200	<10	N	N	30	50	N
BN0008H	20	N	N	30	N	500	N	200	N	N	N	30	70	N
BN0009H	N	N	<10	N	N	200	N	100	30	N	N	200	N	N
BN0010H	N	N	20	100	10	>2,000	N	150	30	<20	N	200	N	N
BN0011H	N	N	10	700	N	700	N	100	10	N	N	<10	N	N
BN0012H	N	N	15	100	N	1,000	N	300	15	N	N	20	<20	N
BN0013H	N	N	N	500	N	>2,000	N	500	15	N	N	20	20	N
BN0014H	N	N	N	N	N	150	N	100	15	N	N	50	70	N
BN0015H	N	N	N	N	N	200	N	150	10	N	N	30	70	N
BN0016H	N	N	10	N	10	700	15	500	N	N	N	30	150	N
BN0017H	N	N	N	N	N	150	N	200	N	N	N	30	150	N
BN0018H	N	N	15	N	10	150	N	200	N	N	N	30	150	N
BN0019H	N	N	10	N	<10	500	N	500	10	N	N	<10	100	N
BN0020H	N	N	15	N	N	700	20	500	N	N	N	<10	100	N
BN0021H	N	N	10	N	N	500	10	300	N	N	N	N	100	N
BN0022H	N	N	15	N	N	500	20	700	N	N	N	<10	70	N
BN0023H	N	N	15	N	N	>2,000	20	300	N	<20	N	N	150	N
BN0024H	N	N	20	N	N	2,000	20	300	N	<20	N	<10	70	N
BN0025H	N	N	10	N	N	2,000	20	700	N	N	N	20	100	N
BN0026H	N	N	10	N	N	500	10	500	<10	N	N	N	70	<200
BN0027H	N	N	N	N	N	1,000	N	700	N	<20	N	N	70	N
BN0028H	N	N	10	N	N	500	<10	300	<10	N	N	<10	100	N
BN0029H	N	N	10	<20	N	500	<10	200	<10	20	N	<10	70	N
BN0030H	N	N	10	<20	N	500	15	500	N	30	N	<10	100	N
BN0031H	N	N	20	N	N	500	N	200	10	N	N	70	150	N
BN0032H	N	N	10	N	N	500	N	700	N	<20	N	N	100	N
BN0033H	N	N	15	N	N	700	N	500	N	N	N	N	70	N
BN0034H	N	N	10	N	N	300	N	500	N	<20	N	<10	70	N
BN0035H	N	N	N	N	N	500	70	100	N	300	N	N	N	500
BN0036H	N	N	10	20	<10	>2,000	N	200	15	70	N	<10	N	N
BN0037H	N	N	15	N	30	700	N	200	20	50	N	<10	70	N
BN0038H	N	N	10	N	<10	1,000	10	500	N	50	N	N	50	N
BN0039H	N	N	20	N	15	200	N	200	10	<20	N	20	<20	300
BN0040H	N	N	15	N	10	500	N	700	N	70	N	N	50	N
BN0041H	N	N	N	N	<10	500	N	300	10	200	N	N	<20	300
BN0043H	50	N	15	N	N	500	15	500	N	20	N	<10	70	<200
BN0044H	N	N	15	N	<10	700	10	200	<10	20	N	20	50	N
BN0045H	N	N	N	N	N	700	N	50	<10	700	N	<10	N	<200
BN0046H	N	N	<10	100	N	500	<10	150	<10	N	N	N	N	<200

TABLE 4.--ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES--Continued

Sample	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s
RN0001H	300	150	N	500	N	>2,000
RN0002H	<200	150	N	300	N	>2,000
RN0003H	N	100	100	300	N	>2,000
RN0004H	200	100	<100	300	N	>2,000
RN0005H	N	100	<100	300	N	>2,000
RN0006H	N	150	<100	500	N	>2,000
RN0007H	N	100	N	500	N	>2,000
RN0008H	300	200	N	700	N	>2,000
RN0009H	1,000	100	N	700	N	>2,000
RN0010H	2,000	50	N	1,000	N	>2,000
RN0011H	1,000	70	N	200	N	>2,000
RN0012H	500	300	N	200	N	>2,000
RN0013H	500	300	<100	500	N	>2,000
RN0014H	700	70	N	500	N	>2,000
RN0015H	N	70	N	300	N	>2,000
RN0016H	1,000	200	N	700	N	>2,000
RN0017H	N	150	N	500	N	>2,000
RN0018H	1,500	100	N	500	N	>2,000
RN0019H	700	150	N	700	N	>2,000
RN0020H	N	200	N	300	N	>2,000
RN0021H	500	150	N	300	N	>2,000
RN0022H	200	150	100	300	N	>2,000
RN0023H	700	200	N	1,000	N	>2,000
RN0024H	1,000	150	N	500	N	>2,000
RN0025H	200	200	N	500	N	1,000
RN0026H	<200	150	N	300	N	>2,000
RN0027H	200	150	N	500	N	>2,000
RN0028H	<200	100	N	300	N	>2,000
RN0029H	<200	100	100	300	N	>2,000
RN0030H	N	150	100	500	N	>2,000
RN0031H	700	100	N	500	N	>2,000
RN0032H	N	100	100	700	N	>2,000
RN0033H	N	100	N	500	N	>2,000
RN0034H	N	100	N	300	N	>2,000
RN0035H	N	20	N	150	N	>2,000
RN0036H	1,000	70	N	700	N	>2,000
RN0037H	<200	100	<100	500	N	>2,000
RN0038H	1,500	150	N	500	N	>2,000
RN0039H	5,000	50	N	200	N	>2,000
RN0040H	2,000	100	150	300	N	>2,000
RN0041H	1,500	70	<100	300	N	>2,000
RN0043H	300	150	500	200	N	>2,000
RN0044H	1,500	100	N	300	N	>2,000
RN0045H	<200	70	700	1,000	N	>2,000
RN0046H	N	200	1,000	300	N	>2,000

TABLE 4.--ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES--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
RN0047H	44 41 7	115 15 25	.50	.07	30.0	>2.00	1,500	30	N	100	50	100	N
RN0048H	44 40 56	115 15 58	.70	.20	10.0	>2.00	700	N	N	N	30	300	<2
RN0049H	44 40 57	115 16 1	.50	.07	5.0	>2.00	500	70	N	70	<20	300	<2
RN0050H	44 26 43	115 12 53	.70	.50	20.0	1.50	500	N	N	N	N	300	N
RN0051H	44 26 0	115 12 9	3.00	7.00	10.0	2.00	1,000	N	N	N	30	200	5
RN0052H	44 26 30	115 12 47	2.00	3.00	5.0	>2.00	1,000	N	N	N	70	1,000	3
RN0053H	44 26 43	115 11 8	.50	.10	3.0	>2.00	200	N	N	N	20	700	N
RN0054H	44 25 21	115 9 9	.50	.05	5.0	>2.00	200	N	N	N	N	150	N
RN0055H	44 25 22	115 9 13	.50	.15	5.0	>2.00	200	N	N	N	N	200	N
RN0056H	44 24 37	115 11 6	2.00	7.00	10.0	2.00	500	N	N	N	20	100	N
RN0057H	44 28 4	115 6 11	1.50	.15	10.0	>2.00	500	N	N	N	N	N	N
RN0058H	44 28 29	115 5 40	1.00	.15	10.0	>2.00	500	N	N	N	N	N	N
RN0059H	44 28 58	115 5 21	1.50	.20	10.0	>2.00	500	N	N	N	<20	150	3
RN0060H	44 25 29	115 7 42	1.00	.50	10.0	>2.00	500	N	N	N	100	200	2
RN0061H	44 25 50	115 16 13	.70	.05	10.0	>2.00	700	N	N	N	N	N	N
RN0062H	44 25 55	115 15 40	.50	.07	7.0	>2.00	500	N	N	N	N	100	<2
RN0063H	44 26 13	115 15 2	.50	.07	15.0	>2.00	700	N	N	N	N	100	<2
RN0065H	44 27 36	115 13 49	1.50	.50	15.0	>2.00	700	N	N	N	N	150	<2
RN0066H	44 28 54	115 13 27	3.00	7.00	10.0	2.00	700	N	N	N	<20	N	2
RN0067H	44 29 1	115 13 43	1.50	.20	10.0	>2.00	700	N	N	N	N	100	<2
RN0068H	44 29 56	115 14 24	2.00	.30	10.0	>2.00	700	N	N	N	N	100	N
RN0069H	44 30 21	115 9 58	1.50	.30	10.0	>2.00	700	N	N	N	N	N	N
RN0070H	44 30 19	115 9 55	.70	.10	20.0	>2.00	500	N	N	N	N	N	N
RN0071H	44 30 5	115 10 8	.70	.15	20.0	>2.00	500	N	N	N	<20	N	N
RN0072H	44 38 27	115 5 32	.50	1.00	7.0	>2.00	300	N	N	N	20	<50	<2
RN0073H	44 37 40	115 3 4	1.00	5.00	10.0	.70	500	10	N	N	100	<50	<2
RN0074H	44 34 55	115 2 45	.30	.15	15.0	2.00	700	N	N	N	N	100	N
RN0075H	44 34 59	115 2 44	1.50	10.00	20.0	2.00	700	N	N	N	200	100	<2
RN0076H	44 33 22	115 3 40	.50	.15	20.0	>2.00	500	N	N	N	50	100	N
RN0077H	44 34 18	114 59 4	1.00	.10	10.0	>2.00	1,500	50	N	100	20	500	<2
RN0078H	44 28 31	114 58 24	.70	.15	5.0	>2.00	200	N	N	N	30	500	7
RN0079H	44 28 31	114 58 37	1.00	.30	7.0	>2.00	500	50	N	100	70	1,000	5
RN0080H	44 28 28	114 58 49	1.50	.30	5.0	>2.00	500	N	N	N	50	1,000	5
RN0081H	44 27 48	114 59 0	1.00	.20	5.0	>2.00	200	70	N	N	20	700	3
RN0082H	44 27 42	114 59 21	1.00	.20	10.0	>2.00	300	N	N	N	<20	300	2
RN0083H	44 27 12	114 58 13	.70	.10	5.0	>2.00	200	20	N	N	N	200	2
RN0084H	44 27 9	114 58 11	.50	.10	7.0	>2.00	200	N	N	N	N	300	3
RN0085H	44 26 38	114 59 46	.70	.10	10.0	>2.00	300	7	500	N	N	100	2
RN0086H	44 29 34	114 57 39	2.00	1.50	5.0	>2.00	700	N	N	N	200	1,000	3
RN0087H	44 29 31	114 57 41	2.00	.50	5.0	>2.00	700	N	N	N	150	1,000	5
RN0088H	44 29 41	114 58 43	2.00	2.00	7.0	>2.00	1,000	N	N	N	1,500	1,000	10
RN0089H	44 29 4	114 59 45	2.00	1.00	7.0	>2.00	500	N	N	N	30	200	3
RN0090H	44 27 12	114 55 1	1.00	.15	7.0	>2.00	500	N	N	N	<20	100	7
RN0091H	44 27 10	114 55 3	.50	.07	5.0	1.50	150	N	N	N	<20	<50	7
RN0092H	44 27 51	114 55 42	.50	.15	5.0	>2.00	500	N	N	N	30	700	5

TABLE 4.--ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES--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
RN0047H	500	N	N	<20	N	1,000	N	200	<10	100	N	<10	N	<200
RN0048H	N	N	N	150	N	500	N	150	N	20	N	N	<20	<200
RN0049H	50	N	N	N	N	500	N	300	10	700	N	N	N	N
RN0050H	N	N	N	50	N	700	N	N	10	N	N	20	N	500
RN0051H	N	N	10	100	N	2,000	<10	200	30	N	N	N	N	<200
RN0052H	N	N	10	200	<10	1,500	N	200	20	N	N	<10	N	<200
RN0053H	N	N	10	N	N	300	N	100	20	N	N	50	30	N
RN0054H	N	N	N	N	N	300	N	70	<10	N	N	20	30	N
RN0055H	N	N	N	N	N	700	N	70	<10	N	N	20	N	N
RN0056H	N	N	10	70	N	500	N	150	20	N	N	N	N	N
RN0057H	N	N	15	N	N	700	20	300	N	N	N	N	70	N
RN0058H	N	N	10	N	N	700	20	500	N	<20	N	<10	70	N
RN0059H	N	N	10	<20	N	1,000	20	500	<10	200	N	<10	70	N
RN0060H	50	N	10	<20	N	500	<10	300	N	N	N	15	50	N
RN0061H	N	N	N	N	N	500	20	500	N	N	N	N	100	N
RN0062H	N	N	N	N	N	2,000	N	200	10	N	N	N	N	<200
RN0063H	N	N	N	N	N	500	N	300	<10	N	N	N	N	<200
RN0065H	N	N	10	<20	N	1,000	10	300	N	N	N	<10	100	N
RN0066H	N	N	10	150	N	200	N	100	20	N	N	N	N	N
RN0067H	N	N	15	N	N	1,000	20	500	N	N	N	N	100	N
RN0068H	N	N	15	<20	N	1,500	10	500	N	20	N	<10	100	<200
RN0069H	N	N	15	<20	N	700	50	500	N	100	N	N	100	N
RN0070H	N	N	10	<20	N	700	20	300	N	N	N	N	50	300
RN0071H	N	N	<10	20	N	500	10	300	N	N	N	N	50	<200
RN0072H	N	N	N	70	N	200	30	300	10	N	N	N	N	N
RN0073H	N	N	N	20	15	100	N	100	10	2,000	N	N	N	N
RN0074H	N	N	<10	N	N	700	N	200	<10	<20	N	N	N	300
RN0075H	N	N	10	50	15	200	<10	150	15	100	N	N	N	N
RN0076H	N	N	<10	<20	N	1,000	N	200	10	1,500	N	N	20	<200
RN0077H	50	N	N	70	<10	>2,000	N	150	10	1,000	N	<10	N	<200
RN0078H	70	N	10	N	N	300	30	300	N	500	N	20	50	<200
RN0079H	N	N	10	N	N	700	N	500	N	50	N	<10	<20	<200
RN0080H	N	N	15	N	N	1,000	N	300	N	70	N	20	30	N
RN0081H	100	N	15	N	N	500	<10	300	N	100	N	15	70	N
RN0082H	N	N	15	N	N	500	N	200	N	50	N	<10	30	300
RN0083H	200	N	10	N	N	500	<10	500	<10	100	N	N	30	N
RN0084H	N	N	<10	N	N	300	N	500	<10	70	N	<10	30	N
RN0085H	30	N	N	N	N	500	10	500	<10	700	N	N	20	<200
RN0086H	N	N	15	50	20	2,000	30	300	15	500	N	20	N	500
RN0087H	N	N	15	<20	N	2,000	N	500	N	70	N	N	N	500
RN0088H	N	N	15	100	10	1,000	N	500	15	<20	N	N	N	500
RN0089H	N	N	20	30	N	1,500	10	200	20	50	N	<10	50	N
RN0090H	N	N	N	<20	15	500	20	100	N	300	N	<10	500	N
RN0091H	N	N	N	N	10	200	N	100	10	50	N	N	500	N
RN0092H	N	N	10	N	N	300	N	300	N	50	N	20	50	N

TABLE 4.--ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES--Continued

Sample	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s
RN0047H	N	100	300	700	N	>2,000
RN0048H	N	200	150	500	N	>2,000
RN0049H	200	150	500	500	N	>2,000
RN0050H	<200	50	N	200	N	>2,000
RN0051H	300	100	200	200	N	2,000
RN0052H	500	150	300	200	N	>2,000
RN0053H	700	100	N	500	N	>2,000
RN0054H	<200	100	<100	300	N	>2,000
RN0055H	N	100	N	500	N	>2,000
RN0056H	N	100	N	150	N	>2,000
RN0057H	200	150	N	300	N	2,000
RN0058H	<200	150	N	300	N	1,000
RN0059H	300	150	150	500	N	>2,000
RN0060H	N	150	N	200	N	>2,000
RN0061H	<200	200	N	500	N	>2,000
RN0062H	500	70	N	700	N	>2,000
RN0063H	<200	70	N	700	N	>2,000
RN0065H	<200	150	100	500	N	>2,000
RN0066H	N	100	N	100	N	500
RN0067H	<200	150	100	500	N	1,500
RN0068H	200	150	N	500	N	1,500
RN0069H	<200	200	N	500	N	1,000
RN0070H	<200	150	N	300	N	2,000
RN0071H	N	150	N	200	N	2,000
RN0072H	700	150	2,000	200	N	>2,000
RN0073H	N	100	500	100	1,500	2,000
RN0074H	300	100	500	1,000	N	>2,000
RN0075H	N	200	500	100	N	2,000
RN0076H	N	100	N	700	N	>2,000
RN0077H	1,000	70	<100	700	N	>2,000
RN0078H	N	150	N	200	N	>2,000
RN0079H	N	100	<100	300	N	>2,000
RN0080H	<200	100	N	300	N	>2,000
RN0081H	300	150	<100	300	N	>2,000
RN0082H	700	100	N	200	N	>2,000
RN0083H	200	150	100	300	N	>2,000
RN0084H	N	100	N	200	N	>2,000
RN0085H	<200	100	N	200	N	>2,000
RN0086H	300	200	<100	300	N	2,000
RN0087H	200	100	100	200	N	>2,000
RN0088H	<200	300	300	200	N	2,000
RN0089H	300	150	<100	300	N	>2,000
RN0090H	1,500	150	150	1,000	N	>2,000
RN0091H	2,000	30	N	1,000	N	>2,000
RN0092H	N	100	100	300	N	>2,000

TABLE 4.--ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES--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
RN0093H	44 27 48	114 55 41	1.00	.20	5.0	>2.00	300	N	N	N	20	70	7
RN0094H	44 28 5	114 55 21	1.50	.50	5.0	>2.00	500	N	N	N	20	500	10
RN0095H	44 28 13	114 55 23	1.50	.50	7.0	>2.00	300	N	N	N	300	1,500	5
RN0096H	44 28 32	114 55 3	2.00	.70	5.0	>2.00	500	N	N	N	500	300	3
RN0097H	44 28 47	114 54 54	1.00	.30	7.0	2.00	700	N	N	N	100	200	N
RN0098H	44 29 16	114 54 54	2.00	.30	15.0	>2.00	700	N	N	N	50	300	2
RN0099H	44 29 23	114 54 43	3.00	3.00	7.0	2.00	1,000	N	N	N	30	500	<2
RN0100H	44 30 23	114 53 23	3.00	2.00	7.0	>2.00	1,000	N	N	N	N	500	2
RN0101H	44 30 47	114 52 38	.50	.15	5.0	>2.00	300	50	N	100	20	200	5
RN0102H	44 30 14	114 55 23	.30	.07	20.0	>2.00	500	N	N	N	20	200	15
RN0103H	44 30 16	114 55 21	1.00	.20	10.0	2.00	700	N	N	N	150	300	<2
RN0104H	44 32 12	114 55 56	1.00	.07	20.0	>2.00	700	7	N	N	N	N	N
RN0105H	44 30 53	114 59 15	2.00	1.50	7.0	>2.00	500	N	N	N	700	1,000	5
RN0106H	44 31 16	114 59 14	1.00	.50	10.0	>2.00	700	N	N	N	150	700	15
RN0107H	44 31 25	114 59 22	1.00	.30	10.0	>2.00	500	N	N	N	200	700	<2
RN0108H	44 32 22	114 59 0	.70	.10	20.0	>2.00	1,000	N	N	N	<20	200	N
RN0109H	44 33 43	114 57 37	.70	.20	5.0	>2.00	1,000	N	N	N	200	500	<2
RN0110H	44 33 39	114 57 36	.50	.20	7.0	>2.00	700	30	N	20	N	100	N
RN0111H	44 33 28	114 57 53	.50	.10	10.0	>2.00	700	7	N	N	N	<50	<2
RN0112H	44 33 17	114 58 26	1.00	.15	20.0	>2.00	1,000	N	N	N	<20	<50	N
RN0113H	44 32 58	114 59 50	1.00	.50	20.0	1.50	1,000	N	N	N	70	200	2
RN0114H	44 32 7	114 54 26	.70	.20	15.0	1.00	700	N	N	N	70	150	7
RN0115H	44 32 8	114 53 16	.30	.10	20.0	>2.00	1,500	N	N	N	30	200	N
RN0116H	44 32 21	114 52 37	1.00	15.00	15.0	.10	500	N	N	N	200	N	<2
RN0117H	44 34 10	115 17 56	.50	.07	20.0	2.00	500	N	N	N	N	N	N
RN0118H	44 34 53	115 18 18	.50	.07	15.0	>2.00	700	N	N	N	N	N	N
RN0119H	44 35 42	115 17 19	.70	.05	10.0	>2.00	700	5	N	N	N	N	N
RN0120H	44 35 43	115 17 39	1.00	.10	10.0	>2.00	700	N	N	N	N	N	N
RN0122H	44 36 18	115 15 35	1.00	.20	20.0	>2.00	300	N	N	N	N	<50	N
RN0124H	44 37 8	115 13 38	.70	.20	5.0	>2.00	500	N	N	N	20	<50	N
RN0128H	44 38 34	115 10 51	.70	.20	10.0	>2.00	700	N	N	N	<20	N	N
RN0130H	44 38 48	115 9 46	3.00	1.50	3.0	>2.00	700	N	N	N	100	1,000	2
RN0131H	44 38 44	115 9 51	2.00	1.50	5.0	2.00	700	N	N	N	100	1,000	2
RN0132H	44 39 5	115 10 2	2.00	1.00	5.0	>2.00	500	N	N	N	100	1,500	3
RN0133H	44 38 16	114 55 43	3.00	5.00	10.0	1.50	1,000	N	N	N	50	150	N
RN0134H	44 38 32	114 55 14	1.00	.30	20.0	.70	500	N	N	N	N	N	N
RN0135H	44 37 17	114 54 23	5.00	5.00	5.0	1.00	1,000	N	N	N	<20	150	N
RN0136H	44 37 16	114 54 22	2.00	5.00	2.0	.50	1,000	N	N	N	N	200	<2
RN0137H	44 37 53	114 54 0	3.00	7.00	3.0	.50	1,000	N	N	N	<20	70	N
RN0138H	44 37 52	114 54 4	.50	.10	30.0	.50	500	N	N	N	N	N	N
RN0139H	44 38 27	114 54 7	.20	.10	20.0	1.00	500	N	N	N	<20	<50	N
RN0140H	44 38 23	114 53 58	3.00	1.00	5.0	1.50	500	N	N	N	N	200	N
RN0141H	44 39 23	114 47 30	.70	.50	1.0	>2.00	200	N	N	N	N	200	5
RN0142H	44 39 18	114 47 49	1.50	.20	.5	>2.00	200	N	N	N	<20	200	3
RN0143H	44 39 16	114 47 51	1.00	.10	.5	2.00	200	N	N	N	N	200	3

TABLE 4.--ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES--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
RN0093H	N	N	15	<20	N	500	<10	500	N	100	N	15	70	<200
RN0094H	N	N	<10	N	15	500	100	150	<10	300	N	15	100	N
RN0095H	N	N	15	100	N	700	70	500	<10	500	N	<10	N	500
RN0096H	N	N	N	70	<10	500	<10	200	10	20	N	<10	20	N
RN0097H	N	N	<10	30	N	700	10	70	30	N	N	<10	<20	500
RN0098H	N	N	<10	20	N	1,000	15	300	<10	500	N	N	N	500
RN0099H	N	N	10	50	N	1,500	N	50	20	<20	N	<10	N	500
RN0100H	N	N	10	100	10	1,500	50	300	15	300	N	<10	30	500
RN0101H	N	N	10	300	N	100	10	700	N	70	N	70	30	N
RN0102H	N	N	10	100	N	300	70	300	N	300	N	N	N	N
RN0103H	<20	N	<10	200	N	100	N	150	10	N	N	N	N	N
RN0104H	N	N	N	<20	N	700	N	200	N	N	N	N	<20	500
RN0105H	20	N	10	100	N	300	10	500	10	70	N	N	N	<200
RN0106H	N	N	10	50	N	500	N	300	<10	N	N	N	<20	N
RN0107H	N	N	10	20	N	500	N	300	N	N	N	N	50	<200
RN0108H	N	N	N	N	N	700	N	100	N	N	N	N	N	<200
RN0109H	300	N	10	N	<10	>2,000	N	300	N	500	N	150	<20	N
RN0110H	100	N	N	N	<10	1,000	100	300	N	300	N	N	70	<200
RN0111H	N	N	N	20	<10	>2,000	N	200	N	N	N	<10	N	<200
RN0112H	N	N	N	N	N	2,000	N	200	N	500	N	N	N	<200
RN0113H	N	N	N	20	N	2,000	N	150	<10	N	N	N	N	<200
RN0114H	N	N	30	<20	15	>2,000	N	200	N	150	N	N	<20	N
RN0115H	N	N	N	N	N	500	N	150	N	N	N	N	N	500
RN0116H	N	N	N	<20	N	100	N	50	15	N	N	N	N	N
RN0117H	N	N	20	N	10	700	10	150	N	100	N	N	<20	<200
RN0118H	N	N	N	N	N	500	10	300	<10	500	N	N	70	N
RN0119H	N	N	10	N	N	700	20	700	N	100	N	N	70	N
RN0120H	N	N	10	N	10	1,000	20	700	N	2,000	N	N	70	N
RN0122H	N	N	10	<20	N	500	20	300	N	100	N	N	70	<200
RN0124H	N	N	N	N	N	500	N	200	10	N	N	<10	50	N
RN0128H	N	N	15	30	N	700	10	500	<10	N	N	N	100	N
RN0130H	N	N	15	100	10	500	N	150	20	N	N	N	N	<200
RN0131H	N	N	10	50	30	>2,000	N	150	15	<20	N	15	N	<200
RN0132H	N	N	10	150	<10	1,000	N	300	15	<20	N	N	50	<200
RN0133H	N	N	50	1,000	N	500	N	100	70	100	N	50	N	500
RN0134H	N	N	N	100	N	700	N	50	10	N	N	<10	N	500
RN0135H	N	N	50	700	N	300	N	N	70	N	N	100	N	<200
RN0136H	N	N	30	500	N	150	N	N	70	N	N	70	N	500
RN0137H	N	N	50	1,000	N	1,000	N	N	100	N	N	100	N	<200
RN0138H	N	N	N	<20	N	500	N	N	10	N	N	N	N	700
RN0139H	N	N	N	N	N	300	N	50	N	20	N	<10	N	500
RN0140H	N	N	20	100	10	1,000	N	100	20	N	N	20	N	500
RN0141H	N	N	N	N	N	100	N	70	30	N	N	100	N	N
RN0142H	N	N	N	N	<10	700	N	70	30	N	N	70	N	N
RN0143H	N	N	N	N	N	700	N	70	50	N	N	70	N	N

TABLE 4.--ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES--Continued

Sample	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s
RN0093H	N	150	<100	200	N	>2,000
RN0094H	2,000	150	200	1,500	N	>2,000
RN0095H	N	200	150	200	N	>2,000
RN0096H	500	200	150	500	N	>2,000
RN0097H	<200	100	100	300	N	>2,000
RN0098H	200	100	700	500	N	>2,000
RN0099H	N	100	N	200	N	>2,000
RN0100H	300	150	200	300	N	>2,000
RN0101H	N	150	500	150	N	>2,000
RN0102H	N	150	1,000	300	N	>2,000
RN0103H	N	150	700	150	N	1,000
RN0104H	300	100	500	500	N	>2,000
RN0105H	N	300	700	200	N	>2,000
RN0106H	N	200	1,000	500	N	>2,000
RN0107H	N	200	300	500	N	>2,000
RN0108H	N	100	500	1,000	N	>2,000
RN0109H	1,500	100	N	700	N	>2,000
RN0110H	1,000	100	150	1,000	N	>2,000
RN0111H	1,000	70	100	700	N	>2,000
RN0112H	200	100	N	700	N	>2,000
RN0113H	200	70	300	700	N	>2,000
RN0114H	>5,000	30	150	500	N	>2,000
RN0115H	N	30	300	700	N	>2,000
RN0116H	N	150	300	50	N	2,000
RN0117H	3,000	70	500	700	N	>2,000
RN0118H	<200	200	150	500	N	>2,000
RN0119H	<200	200	200	500	N	>2,000
RN0120H	2,000	200	N	700	N	>2,000
RN0122H	N	150	100	200	N	2,000
RN0124H	500	100	300	500	N	>2,000
RN0128H	700	150	<100	500	N	>2,000
RN0130H	N	150	N	150	N	2,000
RN0131H	500	150	150	300	N	>2,000
RN0132H	<200	200	150	500	N	>2,000
RN0133H	200	150	N	150	N	>2,000
RN0134H	N	50	N	100	N	>2,000
RN0135H	N	200	N	150	N	>2,000
RN0136H	N	150	N	200	N	>2,000
RN0137H	N	150	N	150	N	>2,000
RN0138H	N	30	N	100	N	>2,000
RN0139H	N	30	N	200	N	>2,000
RN0140H	200	100	N	300	N	>2,000
RN0141H	N	100	N	500	N	>2,000
RN0142H	<200	150	N	500	N	>2,000
RN0143H	200	50	N	500	N	>2,000

TABLE 4.--ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES--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
RN0144H	44 29 8	114 51 17	.30	.10	5.0	2.00	300	N	N	N	N	150	10
RN0145H	44 27 29	114 51 2	1.00	.20	20.0	>2.00	700	N	N	N	100	300	100
RN0146H	44 27 33	114 51 9	1.00	.30	5.0	>2.00	300	N	N	N	100	700	3
RN0147H	44 28 41	114 50 35	1.00	.50	10.0	>2.00	700	N	N	N	100	300	2
RN0148H	44 28 38	114 50 41	1.50	.50	7.0	>2.00	700	N	N	N	50	500	30
RN0150H	44 39 47	114 47 8	.30	.10	.5	>2.00	70	N	N	N	N	200	<2
RN0151H	44 39 56	114 47 12	.20	.10	.3	>2.00	70	N	N	N	N	7,000	2
RN0152H	44 40 50	114 46 10	1.00	.07	30.0	>2.00	100	N	N	N	N	1,000	<2
RN0153H	44 40 12	114 49 8	2.00	1.00	1.0	2.00	500	N	N	N	<20	200	2
RN0155H	44 27 27	114 51 5	1.00	.20	5.0	>2.00	500	N	N	N	20	500	3
RN0156H	44 34 59	114 45 53	1.50	.30	20.0	2.00	1,000	N	N	N	30	100	<2
RN0157H	44 34 50	114 45 53	2.00	1.00	10.0	>2.00	1,000	N	N	N	20	100	<2
RN0158H	44 35 32	114 45 55	.50	.15	20.0	2.00	500	N	N	N	N	<50	N
RN0159H	44 35 39	114 45 50	3.00	2.00	2.0	2.00	1,000	N	N	N	<20	300	2
RN0160H	44 35 1	114 48 48	1.00	10.00	20.0	.15	500	N	N	N	150	100	N
RN0161H	44 32 53	114 54 15	.30	.07	30.0	>2.00	700	N	N	N	<20	N	N
RN0162H	44 32 54	114 54 13	1.00	.15	10.0	>2.00	700	N	N	N	150	100	N
RN0163H	44 32 18	114 52 57	.50	.70	15.0	>2.00	700	N	N	N	50	100	N
RN0164H	44 34 2	114 52 58	.70	1.50	5.0	>2.00	500	N	N	N	500	100	<2
RN0165H	44 34 6	114 52 59	.70	.30	5.0	>2.00	500	N	N	N	100	100	<2
RN0166H	44 33 2	114 51 36	1.50	10.00	10.0	.10	700	N	N	N	2,000	100	<2
RN0167H	44 33 7	114 51 33	1.00	5.00	7.0	>2.00	500	N	N	N	300	150	<2
RN0168H	44 31 38	114 51 16	.70	.20	10.0	>2.00	700	N	N	N	70	100	N
RN0169H	44 31 18	114 52 0	1.00	.20	20.0	>2.00	500	N	N	N	50	700	2
RN0170H	44 31 38	114 40 10	2.00	.20	.1	2.00	700	N	N	N	N	100	3
RN0171H	44 31 36	114 40 21	1.50	.20	.1	.50	200	N	N	N	<20	100	3
RN0172H	44 32 13	114 40 22	.50	N	<.1	.70	100	N	N	N	N	<50	3
RN0173H	44 32 22	114 40 38	.50	<.05	N	.20	70	N	N	N	N	300	2
RN0174H	44 32 44	114 40 58	3.00	3.00	2.0	1.50	700	N	N	N	<20	200	N
RN0175H	44 33 2	114 40 57	2.00	.20	.1	>2.00	2,000	N	N	N	<20	700	5
RN0176H	44 33 18	114 41 8	5.00	5.00	3.0	2.00	2,000	N	N	N	<20	1,000	<2
RN0177H	44 29 33	114 49 20	.50	.10	30.0	2.00	1,000	N	N	N	N	<50	N
RN0178H	44 29 34	114 49 30	.30	.10	10.0	>2.00	700	N	N	N	N	200	<2
RN0179H	44 30 4	114 49 44	1.00	.10	20.0	>2.00	700	N	N	N	N	N	N
RN0180H	44 30 33	114 50 2	.70	.10	20.0	2.00	1,000	N	N	N	50	100	N
RN0181H	44 30 38	114 51 24	1.00	.20	10.0	>2.00	700	N	N	N	N	<50	N
RN0182H	44 29 11	114 50 53	1.50	1.00	10.0	>2.00	700	N	N	N	100	300	7
RN0183H	44 27 29	114 44 52	1.50	.10	50.0	2.00	200	N	N	N	N	<50	2
RN0184H	44 28 33	114 43 47	3.00	.05	.5	>2.00	1,000	N	N	N	N	1,000	10
RN0185H	44 29 49	114 43 58	5.00	1.50	2.0	2.00	1,000	N	N	N	<20	200	3
RN0186H	44 30 6	114 44 12	2.00	3.00	2.0	.30	700	N	N	N	N	500	2
RN0187H	44 30 12	114 44 24	7.00	10.00	5.0	.50	1,500	N	N	N	<20	N	N
RN0188H	44 31 37	114 41 37	1.00	15.00	.2	2.00	500	N	N	N	20	300	2
RN0189H	44 31 38	114 41 37	.20	.10	.7	1.00	150	N	N	N	30	1,000	3
RN0190H	44 31 52	114 41 16	.30	.05	.1	.70	100	N	N	N	N	200	N

TABLE 4.--ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES--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
RN0144H	N	N	N	N	10	300	N	100	20	30	N	<10	1,000	N
RN0145H	N	N	N	50	10	700	500	500	<10	2,000	N	N	20	500
RN0146H	N	N	N	<20	N	1,000	N	500	N	20	N	N	N	<200
RN0147H	N	N	N	N	N	500	70	300	10	300	N	N	30	N
RN0148H	N	N	10	<20	N	2,000	50	300	N	200	N	<10	N	<200
RN0150H	700	N	N	N	N	200	N	70	30	N	N	70	100	N
RN0151H	N	N	N	N	N	150	N	<50	50	N	N	100	N	N
RN0152H	N	N	<10	N	N	100	N	100	10	200	N	20	<20	300
RN0153H	N	N	15	150	N	300	N	50	30	N	N	50	300	N
RN0155H	N	N	N	70	N	300	50	700	N	150	N	N	<20	N
RN0156H	50	N	<10	N	N	700	N	200	<10	20	N	N	<20	500
RN0157H	N	N	30	30	N	1,000	<10	200	10	<20	N	<10	<20	<200
RN0158H	30	N	<10	N	N	700	N	100	<10	N	N	N	100	500
RN0159H	N	N	30	300	N	>2,000	N	N	50	30	N	70	N	N
RN0160H	N	N	N	20	N	300	N	N	10	N	N	N	N	300
RN0161H	N	N	N	N	N	700	15	300	N	150	N	N	30	300
RN0162H	70	N	15	20	N	1,500	50	500	N	150	N	<10	70	N
RN0163H	N	N	N	N	<10	700	N	300	<10	N	N	<10	30	300
RN0164H	N	N	N	20	10	300	20	300	<10	N	N	N	<20	N
RN0165H	N	N	N	50	15	500	30	500	<10	N	N	N	30	N
RN0166H	N	N	N	70	10	<50	N	N	10	100	N	N	N	N
RN0167H	N	N	<10	70	N	300	20	200	10	N	N	N	N	N
RN0168H	N	N	N	<20	N	500	<10	500	N	N	N	<10	50	<200
RN0169H	N	N	15	<20	<10	1,000	N	200	N	<20	N	<10	50	500
RN0170H	N	N	20	50	N	500	N	70	30	N	N	<10	50	N
RN0171H	N	N	N	<20	N	200	N	100	<10	<20	N	N	1,000	N
RN0172H	N	N	N	N	N	300	N	N	30	N	N	N	1,000	N
RN0173H	N	N	N	N	N	200	N	N	20	<20	N	N	N	N
RN0174H	N	N	N	50	N	2,000	N	N	30	<20	N	50	N	N
RN0175H	N	N	50	N	<10	>2,000	N	150	20	200	N	50	200	N
RN0176H	N	N	N	1,000	N	2,000	20	100	70	100	N	70	100	N
RN0177H	N	N	N	N	N	500	100	300	<10	700	N	N	N	300
RN0178H	N	N	N	20	<10	500	<10	300	N	70	N	N	30	N
RN0179H	N	N	10	N	15	700	70	500	N	200	N	N	50	N
BN0180H	N	N	N	N	N	700	N	200	N	<20	N	N	20	500
RN0181H	N	N	10	<20	N	700	30	500	N	N	N	N	70	N
RN0182H	N	N	N	20	10	1,000	10	500	<10	N	N	N	30	500
RN0183H	N	N	<10	20	<10	500	N	100	N	50	N	N	N	500
RN0184H	N	N	20	N	N	300	10	200	N	200	N	30	N	N
RN0185H	N	N	30	200	N	1,500	N	50	30	100	N	30	N	700
RN0186H	N	N	70	200	10	500	N	N	50	N	N	30	100	N
RN0187H	N	N	N	700	<10	300	N	N	150	N	N	100	N	N
RN0188H	N	N	N	N	N	700	N	70	30	50	N	<10	N	N
RN0189H	N	N	N	N	N	200	N	70	30	N	N	50	N	<200
RN0190H	N	N	N	N	N	1,500	N	50	30	N	N	<10	N	N

TABLE 4.--ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES--Continued

Sample	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s
RN0144H	2,000	50	150	1,000	N	>2,000
RN0145H	N	100	200	500	N	>2,000
RN0146H	200	150	<100	300	N	>2,000
RN0147H	N	150	500	500	N	>2,000
RN0148H	500	100	2,000	500	N	>2,000
RN0150H	N	100	N	300	N	>2,000
RN0151H	<200	70	N	500	N	>2,000
RN0152H	N	30	N	300	N	>2,000
RN0153H	N	150	N	300	N	>2,000
RN0155H	200	100	100	500	N	>2,000
RN0156H	N	100	N	300	N	>2,000
RN0157H	N	100	N	300	N	>2,000
RN0158H	N	100	N	200	N	>2,000
RN0159H	300	150	N	500	N	>2,000
RN0160H	N	100	<100	100	N	>2,000
RN0161H	300	100	200	500	N	>2,000
RN0162H	700	200	100	500	N	>2,000
RN0163H	1,000	100	300	500	N	>2,000
RN0164H	200	150	2,000	200	N	>2,000
RN0165H	200	150	1,000	300	N	>2,000
RN0166H	N	200	150	50	N	500
RN0167H	N	150	1,000	150	N	>2,000
RN0168H	N	150	100	500	N	>2,000
RN0169H	500	100	300	300	N	>2,000
RN0170H	200	150	N	1,000	N	>2,000
RN0171H	N	30	N	150	N	>2,000
RN0172H	200	20	N	1,500	N	>2,000
RN0173H	N	20	N	500	N	>2,000
RN0174H	<200	100	N	500	N	>2,000
RN0175H	300	30	N	1,500	N	>2,000
RN0176H	<200	150	N	300	N	>2,000
RN0177H	500	50	N	500	N	>2,000
RN0178H	1,000	100	300	500	N	>2,000
RN0179H	N	200	100	700	N	>2,000
RN0180H	N	70	<100	700	N	>2,000
RN0181H	200	200	150	700	N	>2,000
RN0182H	200	200	1,500	500	N	>2,000
RN0183H	N	30	N	100	N	>2,000
RN0184H	N	20	N	300	N	>2,000
RN0185H	N	200	N	200	N	>2,000
RN0186H	N	150	N	200	N	>2,000
RN0187H	N	200	N	100	N	>2,000
RN0188H	<200	50	N	700	N	>2,000
RN0189H	N	50	N	500	N	>2,000
RN0190H	200	30	N	1,500	N	>2,000

TABLE 4.--ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES--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
BN0191H	44 32 18	114 43 34	.70	.20	2.0	.70	200	N	N	N	<20	300	<2
BN0192H	44 32 17	114 43 39	1.50	2.00	3.0	1.00	700	N	N	N	70	500	2
BN0193H	44 30 25	114 38 22	3.00	1.00	.1	>2.00	1,000	N	N	N	<20	150	2
BN0194H	44 30 59	114 38 57	5.00	.50	.1	>2.00	1,000	N	N	N	<20	<50	7
BN0195H	44 30 56	114 39 2	.50	.07	<.1	.50	100	N	N	N	N	150	5
BN0196H	44 31 11	114 39 22	1.50	.20	.3	1.00	500	N	N	N	20	300	5
BN0197H	44 39 7	114 37 43	.30	.07	5.0	2.00	200	N	N	N	<20	1,500	<2
BN0198H	44 39 27	114 39 5	1.00	.15	7.0	>2.00	200	N	N	N	N	200	<2
BN0201H	44 39 32	114 40 57	5.00	.15	20.0	>2.00	1,000	N	N	N	<20	700	3
BN0202H	44 33 14	114 38 39	2.00	.05	.5	1.00	2,000	N	N	N	20	500	7
BN0203H	44 33 17	114 38 30	5.00	1.00	.5	2.00	2,000	N	N	N	20	1,500	5
BN0204H	44 33 26	114 38 27	3.00	.07	.5	2.00	500	N	N	N	<20	N	2
BN0205H	44 32 58	114 38 44	5.00	.50	2.0	2.00	1,000	N	N	N	<20	100	7
BN0206H	44 33 43	114 37 55	5.00	.20	.5	>2.00	700	N	N	N	20	500	5
BN0207H	44 33 39	114 37 40	2.00	1.50	2.0	1.00	1,500	N	N	N	20	1,000	<2
BN0208H	44 34 42	114 38 59	5.00	.30	.5	2.00	2,000	N	N	N	20	2,000	5
BN0209H	44 34 38	114 38 58	1.50	.15	.5	1.50	1,500	N	N	N	N	1,000	2
BN0210H	44 34 27	114 36 55	1.50	.10	3.0	>2.00	500	N	N	N	20	300	2
BN0213H	44 35 28	114 36 36	1.00	.10	1.0	1.50	500	N	N	N	<20	200	3
BN0214H	44 34 28	114 39 56	10.00	.50	2.0	1.50	2,000	N	N	N	20	1,000	2
BN0216H	44 34 33	114 42 0	1.00	.10	5.0	>2.00	300	N	N	N	<20	1,500	3
BN0217H	44 35 11	114 37 38	1.50	.10	.2	2.00	700	N	N	N	N	300	7
BN0218H	44 35 8	114 37 37	1.00	.10	.7	.70	1,000	N	N	N	N	500	2
BN0219H	44 34 22	114 42 16	7.00	.20	.5	>2.00	300	10	500	N	20	700	2
BN0220H	44 33 59	114 42 28	5.00	1.50	5.0	>2.00	5,000	N	N	N	20	700	3
BN0221H	44 36 18	114 41 4	1.00	.30	3.0	>2.00	300	N	N	N	N	200	2
BN0222H	44 36 20	114 40 55	1.00	.20	2.0	>2.00	200	N	N	N	N	500	2
BN0223H	44 36 12	114 38 38	5.00	.70	.7	2.00	1,500	N	N	N	<20	1,000	3
BN0224H	44 36 13	114 38 39	1.00	.10	2.0	1.50	300	N	N	N	N	500	<2
BN0225H	44 36 25	114 38 7	1.00	.30	.7	.50	200	N	N	N	20	700	2
BN0226H	44 36 34	114 36 52	1.00	.07	1.5	1.00	300	N	N	N	<20	300	N
BN0227H	44 37 6	114 39 10	.50	.10	5.0	2.00	300	N	N	N	<20	300	2
BN0228H	44 37 7	114 39 14	2.00	.20	7.0	>2.00	700	N	N	N	<20	500	3
BN0229H	44 37 23	114 38 46	1.00	.20	3.0	>2.00	500	N	N	N	N	500	2
BN0230H	44 37 58	114 38 55	.70	.10	5.0	>2.00	200	N	N	N	<20	700	2
BN0231H	44 41 1	114 38 28	1.00	.15	1.0	>2.00	200	N	N	N	20	200	2
BN0232H	44 41 22	114 38 5	2.00	.50	1.0	>2.00	700	N	N	N	20	700	3
BN0233H	44 41 44	114 37 21	2.00	.05	5.0	>2.00	200	N	N	N	<20	<50	<2
BN0234H	44 41 57	114 36 44	2.00	.10	2.0	>2.00	200	N	N	N	20	200	3
BN0235H	44 41 55	114 36 42	1.50	.20	.3	1.50	100	N	N	N	20	300	2
BN0236H	44 42 3	114 35 52	2.00	.30	.5	>2.00	300	N	N	N	20	1,000	3
BN0237H	44 42 6	114 35 53	.50	.10	.3	2.00	70	N	N	N	<20	300	2
BN0238H	44 44 33	114 42 34	.15	.05	.2	.50	50	N	N	N	20	<50	N
BN0239H	44 44 31	114 42 33	2.00	.20	1.0	>2.00	700	100	N	200	20	500	<2
BN0240H	44 44 23	114 42 33	2.00	.20	1.0	>2.00	500	N	N	N	<20	150	<2

TABLE 4.--ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES--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
RN0191H	N	N	N	N	N	150	N	N	30	50	N	30	N	500
RN0192H	N	N	10	200	N	200	N	N	20	N	N	30	N	500
RN0193H	N	N	N	100	N	>2,000	N	150	50	50	N	30	300	N
RN0194H	N	N	50	N	N	2,000	N	150	30	20	N	<10	700	N
RN0195H	N	N	N	N	N	500	N	50	30	N	N	<10	500	N
RN0196H	N	N	N	N	N	500	N	50	15	N	N	N	700	N
RN0197H	N	N	<10	N	N	200	N	50	15	N	N	50	N	500
RN0198H	N	N	10	N	N	500	N	200	10	50	N	100	N	500
RN0201H	N	N	20	<20	20	1,500	<10	200	10	150	N	<10	N	<200
RN0202H	N	N	N	N	N	>2,000	N	100	30	200	N	<10	N	N
RN0203H	N	N	20	N	N	>2,000	N	150	30	N	N	20	200	N
RN0204H	N	N	15	N	N	>2,000	N	150	30	150	N	50	30	N
RN0205H	N	N	N	100	N	2,000	15	100	20	100	N	30	300	N
RN0206H	N	N	<10	N	10	>2,000	<10	200	20	150	N	50	N	N
RN0207H	N	N	20	100	N	2,000	N	70	20	100	N	30	500	500
RN0208H	N	N	30	50	<10	>2,000	N	70	30	100	N	100	N	N
RN0209H	N	N	N	50	N	2,000	N	N	30	N	N	50	200	N
RN0210H	N	N	N	N	N	1,000	N	70	15	50	N	50	>2,000	N
RN0213H	N	N	N	N	N	1,000	50	50	20	150	N	<10	70	N
RN0214H	N	N	20	20	20	>2,000	<10	50	10	150	N	20	N	N
RN0216H	N	N	10	N	N	150	N	300	10	70	N	100	N	N
RN0217H	N	N	N	N	N	1,000	50	200	20	150	N	50	300	N
RN0218H	N	N	N	N	N	700	20	N	30	70	N	30	1,000	N
RN0219H	N	N	20	20	30	200	10	500	<10	300	N	30	1,000	N
RN0220H	N	N	N	200	30	700	N	70	20	500	N	100	N	500
RN0221H	N	N	N	N	N	700	N	50	20	20	N	70	500	N
RN0222H	N	N	N	N	N	500	N	70	20	<20	N	100	N	N
RN0223H	N	N	N	N	N	2,000	N	100	20	30	N	30	700	N
RN0224H	N	N	N	N	N	200	N	N	20	N	N	50	N	300
RN0225H	N	N	N	N	N	200	N	N	15	30	N	N	200	300
RN0226H	N	N	N	N	N	300	N	N	20	N	N	70	N	N
RN0227H	N	N	N	N	N	500	N	50	15	N	N	50	N	<200
RN0228H	N	N	10	<20	N	1,500	N	50	<10	100	N	30	N	500
RN0229H	N	N	N	N	N	1,500	N	150	10	70	N	50	N	N
RN0230H	N	N	10	<20	15	300	N	200	N	100	N	50	N	500
RN0231H	N	N	<10	N	<10	300	N	100	30	N	N	150	N	N
RN0232H	N	N	<10	N	<10	1,500	N	200	20	100	N	100	N	N
RN0233H	N	N	N	N	10	700	N	70	15	100	N	30	N	N
RN0234H	N	N	20	150	20	2,000	N	70	20	50	N	70	N	N
RN0235H	N	N	N	N	N	200	N	50	20	N	N	70	150	N
RN0236H	N	N	10	N	<10	150	N	200	<10	70	N	20	N	N
RN0237H	N	N	N	N	N	300	N	70	30	N	N	100	N	N
RN0238H	N	N	N	N	N	100	N	N	30	N	N	100	N	N
RN0239H	N	N	10	N	<10	500	N	<50	20	N	N	100	N	N
RN0240H	N	N	20	N	N	500	N	50	30	300	N	100	N	N

TABLE 4.--ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES--Continued

Sample	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s
RN0191H	N	70	N	500	N	>2,000
RN0192H	N	100	N	300	N	>2,000
RN0193H	200	70	N	1,000	N	>2,000
RN0194H	300	50	N	1,000	N	>2,000
RN0195H	200	30	N	1,500	N	>2,000
RN0196H	<200	50	N	700	N	>2,000
RN0197H	N	30	N	200	N	>2,000
RN0198H	N	70	N	300	N	>2,000
RN0201H	N	50	N	200	N	>2,000
RN0202H	300	50	N	1,500	N	>2,000
RN0203H	200	70	N	1,000	N	>2,000
RN0204H	300	20	N	1,000	N	>2,000
RN0205H	200	50	N	700	N	>2,000
RN0206H	200	50	N	700	N	>2,000
RN0207H	<200	100	N	500	N	>2,000
RN0208H	500	100	N	700	N	>2,000
RN0209H	300	70	N	1,000	N	>2,000
RN0210H	N	50	N	700	N	>2,000
RN0213H	200	50	N	1,500	N	>2,000
RN0214H	300	70	N	500	N	>2,000
RN0216H	N	50	N	300	N	>2,000
RN0217H	300	30	N	2,000	N	>2,000
RN0218H	<200	50	N	1,000	N	>2,000
RN0219H	N	20	N	150	N	>2,000
RN0220H	N	300	N	200	N	>2,000
RN0221H	N	30	N	300	N	>2,000
RN0222H	N	50	N	500	N	>2,000
RN0223H	200	70	N	700	N	>2,000
RN0224H	N	70	N	500	N	>2,000
RN0225H	200	50	N	500	N	>2,000
RN0226H	<200	70	N	1,000	N	>2,000
RN0227H	N	30	N	500	N	>2,000
RN0228H	N	100	N	500	N	>2,000
RN0229H	N	70	N	500	N	>2,000
RN0230H	N	50	N	300	N	>2,000
RN0231H	N	50	N	500	N	>2,000
RN0232H	<200	70	N	500	N	>2,000
RN0233H	N	50	N	500	N	>2,000
RN0234H	200	70	N	300	N	>2,000
RN0235H	N	50	N	700	N	>2,000
RN0236H	N	50	N	200	N	>2,000
RN0237H	<200	50	N	500	N	>2,000
RN0238H	<200	30	N	700	N	>2,000
RN0239H	<200	100	N	700	N	>2,000
RN0240H	500	100	N	500	N	>2,000

TABLE 4.--ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES--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
RN0241H	44 42 51	114 42 52	1.00	.15	3.0	2.00	200	N	N	N	20	1,000	<2
RN0242H	44 42 23	114 40 49	1.00	.10	.5	2.00	200	7	N	20	20	200	N
RN0243H	44 42 22	114 40 47	1.50	.50	1.5	2.00	500	N	N	N	50	200	2
RN0244H	44 42 54	114 42 55	.50	.15	.5	2.00	100	150	N	200	N	300	<2
RN0245H	44 41 34	114 44 58	.50	.07	2.0	>2.00	100	200	N	300	N	100	<2
RN0246H	44 40 28	114 44 21	1.50	.20	.7	>2.00	200	N	N	N	<20	700	2
RN0247H	44 41 24	114 42 30	.50	.07	.2	2.00	150	N	N	N	N	100	N
RN0248H	44 40 10	114 40 13	1.50	.15	20.0	>2.00	300	N	N	N	N	200	3
RN0250H	44 38 19	114 36 22	.20	<.05	.5	2.00	50	N	N	N	<20	200	5
RN0251H	44 37 21	114 32 50	.50	.10	2.0	>2.00	100	N	N	N	<20	700	3
RN0252H	44 37 22	114 32 46	2.00	.15	5.0	>2.00	500	N	N	N	<20	500	2
RN0253H	44 37 43	114 32 49	1.00	.30	3.0	>2.00	200	N	N	N	20	700	5
RN0254H	44 38 1	114 33 1	5.00	.30	1.0	2.00	200	N	N	N	20	200	5
RN0255H	44 38 16	114 33 52	1.00	.20	1.0	>2.00	200	N	N	N	30	200	2
RN0256H	44 38 14	114 33 51	.50	.07	1.5	>2.00	200	N	N	N	<20	300	2
RN0257H	44 36 28	114 35 44	1.50	.10	10.0	>2.00	200	N	N	N	N	<50	2
RN0258H	44 36 26	114 35 47	1.50	.20	3.0	2.00	1,000	150	N	N	<20	700	<2
RN0259H	44 34 4	114 32 12	1.00	.07	N	1.00	1,000	N	N	N	<20	200	3
RN0260H	44 33 59	114 32 22	2.00	.05	<.1	1.50	2,000	N	N	N	N	500	7
RN0261H	44 34 0	114 32 27	3.00	.07	<.1	2.00	1,500	N	N	N	N	200	7
RN0262H	44 34 6	114 32 34	5.00	.10	N	>2.00	1,500	N	N	N	<20	150	5
RN0263H	44 34 32	114 32 37	5.00	.10	N	>2.00	2,000	N	N	N	20	200	7
RN0264H	44 36 7	114 33 45	1.00	.10	.3	>2.00	200	N	N	N	<20	7,000	7
RN0265H	44 36 3	114 33 44	10.00	.10	.5	>2.00	1,000	30	N	50	20	700	10
RN0267H	44 35 59	114 30 42	5.00	.30	.2	>2.00	500	N	N	N	<20	500	10
RN0268H	44 35 58	114 30 43	3.00	.05	.1	>2.00	1,500	N	N	N	20	100	10
RN0269H	44 36 31	114 30 29	1.50	.15	5.0	>2.00	300	N	N	N	<20	500	5
RN0270H	44 36 30	114 30 28	.50	<.05	.5	>2.00	700	N	N	N	20	500	7
RN0271H	44 34 30	114 31 17	.50	<.05	N	.50	300	N	N	N	20	150	2
RN0273H	44 33 26	114 32 42	1.50	.10	<.1	1.00	1,000	N	N	N	<20	150	2
RN0274H	44 34 47	114 34 33	5.00	.15	5.0	>2.00	700	N	N	N	<20	300	7
RN0275H	44 35 1	114 34 25	7.00	.20	2.0	>2.00	1,000	N	N	N	20	1,000	7
RN0276H	44 35 16	114 34 41	3.00	.20	2.0	>2.00	700	N	N	N	<20	2,000	5
RN0278H	44 30 8	114 35 56	2.00	.05	N	>2.00	700	N	N	N	<20	N	2
RN0279H	44 30 7	114 35 53	5.00	.30	.1	>2.00	1,500	N	N	N	<20	N	<2
RN0280H	44 31 53	114 31 24	.20	N	N	2.00	50	N	N	N	N	150	<2
RN0281H	44 34 59	114 24 54	.50	N	N	2.00	500	N	N	N	20	200	3
RN0282H	44 34 59	114 25 9	2.00	N	N	>2.00	1,000	N	N	N	20	300	7
RN0283H	44 30 18	114 45 14	3.00	.20	10.0	>2.00	700	N	N	N	<20	100	<2
RN0284H	44 31 2	114 46 30	1.50	.30	10.0	>2.00	1,000	N	N	N	70	200	7
RN0285H	44 32 28	114 50 9	1.00	.20	10.0	>2.00	1,000	N	N	N	30	500	<2
RN0286H	44 37 12	114 51 32	3.00	10.00	10.0	.30	700	N	N	N	<20	<50	N
RN0287H	44 37 12	114 51 29	1.50	1.00	20.0	.70	500	N	N	N	N	N	N
RN0288H	44 37 13	114 51 11	1.50	1.00	10.0	2.00	700	N	N	N	<20	200	<2
RN0289H	44 36 48	114 51 33	10.00	2.00	7.0	>2.00	1,500	N	N	N	30	1,000	2

TABLE 4.--ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES--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
RN0241H	N	N	<10	N	N	300	N	50	15	N	N	<10	N	500
RN0242H	N	N	<10	N	<10	300	N	N	30	N	N	100	70	N
RN0243H	N	N	<10	50	<10	500	N	70	50	50	N	50	N	N
RN0244H	N	N	N	N	N	500	N	50	30	N	N	100	100	N
RN0245H	N	N	N	N	N	500	200	50	20	700	N	100	700	N
RN0246H	N	N	N	N	N	500	100	100	20	200	N	70	N	N
RN0247H	N	N	N	N	N	200	N	N	30	N	N	100	70	N
RN0248H	N	N	<10	N	N	1,000	N	500	N	100	N	10	N	<200
RN0250H	N	N	N	N	N	500	N	150	30	N	N	70	300	N
RN0251H	N	N	15	<20	N	200	N	100	N	30	N	100	N	N
RN0252H	N	N	15	N	N	700	N	70	<10	30	N	50	N	<200
RN0253H	N	N	10	N	N	500	N	100	10	70	N	70	30	N
RN0254H	N	N	20	100	<10	2,000	N	N	30	20	N	100	70	N
RN0255H	N	N	N	N	N	200	N	N	20	N	N	100	N	N
RN0256H	N	N	N	50	N	500	N	N	20	N	N	50	N	N
RN0257H	N	N	<10	N	N	500	N	150	10	20	N	<10	N	<200
RN0258H	N	N	N	100	100	1,500	N	100	20	10,000	300	20	200	<200
RN0259H	N	N	N	N	N	700	N	100	20	300	N	N	N	N
RN0260H	N	N	N	N	N	1,500	N	100	30	200	N	N	N	N
RN0261H	N	N	N	N	N	>2,000	N	150	15	150	N	N	N	N
RN0262H	N	N	N	<20	N	>2,000	N	150	10	100	N	N	200	N
RN0263H	N	N	N	N	<10	>2,000	15	150	10	200	N	N	300	N
RN0264H	N	N	N	100	<10	1,000	N	100	20	70	N	100	N	N
RN0265H	N	N	50	100	20	2,000	20	100	20	50	N	30	N	N
RN0267H	N	N	20	150	200	2,000	10	300	15	200	N	70	30	N
RN0268H	N	N	N	N	<10	300	N	700	10	150	N	N	<20	N
RN0269H	N	N	N	N	N	700	N	150	<10	20	N	30	N	N
RN0270H	N	N	N	N	N	200	N	500	20	50	N	50	70	N
RN0271H	N	N	N	N	N	700	N	N	20	N	N	N	N	N
RN0273H	N	N	N	N	N	>2,000	N	100	30	100	N	50	N	N
RN0274H	N	N	15	30	<10	2,000	N	50	<10	70	N	<10	N	N
RN0275H	N	N	30	100	20	>2,000	20	200	<10	200	N	100	70	<200
RN0276H	N	N	15	100	15	1,500	10	150	<10	150	N	100	N	N
RN0278H	N	N	N	N	N	1,500	N	150	20	N	N	<10	N	N
RN0279H	N	N	N	100	10	>2,000	10	200	20	100	N	50	>2,000	N
RN0280H	N	N	N	N	N	100	N	50	30	N	N	30	N	N
RN0281H	N	N	N	N	N	700	N	150	30	N	N	50	N	N
RN0282H	N	N	N	N	N	>2,000	N	500	15	20	N	30	<20	N
RN0283H	50	N	20	20	N	1,000	200	500	<10	1,000	N	<10	70	<200
RN0284H	N	N	15	100	N	1,000	100	500	N	700	N	N	70	<200
RN0285H	N	N	10	<20	N	1,500	10	500	N	30	N	N	70	<200
RN0286H	N	N	50	1,000	N	200	N	N	100	N	N	100	500	300
RN0287H	N	N	10	300	N	1,000	N	N	20	N	N	N	300	500
RN0288H	N	N	10	100	N	1,000	N	100	15	N	N	<10	30	500
RN0289H	N	N	70	200	30	>2,000	100	200	30	1,000	N	30	30	N

TABLE 4.--ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES--Continued

Sample	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s
RN0241H	N	30	N	300	N	>2,000
RN0242H	500	100	N	700	N	>2,000
RN0243H	200	50	N	500	N	>2,000
RN0244H	<200	50	N	300	N	>2,000
RN0245H	N	70	N	500	N	>2,000
RN0246H	200	70	N	500	N	>2,000
RN0247H	200	30	N	700	N	>2,000
RN0248H	N	50	100	200	N	>2,000
RN0250H	300	30	N	2,000	N	>2,000
RN0251H	N	100	N	200	N	>2,000
RN0252H	N	100	N	200	N	>2,000
RN0253H	N	100	N	200	N	>2,000
RN0254H	200	100	N	700	N	>2,000
RN0255H	N	100	N	500	N	>2,000
RN0256H	N	70	N	300	N	>2,000
RN0257H	N	50	N	300	N	>2,000
RN0258H	<200	70	N	500	N	>2,000
RN0259H	300	70	N	2,000	N	>2,000
RN0260H	500	50	N	2,000	1,500	>2,000
RN0261H	200	100	N	2,000	N	>2,000
RN0262H	300	20	N	2,000	N	>2,000
RN0263H	500	30	N	1,500	N	>2,000
RN0264H	<200	70	N	500	N	>2,000
RN0265H	<200	70	N	500	N	>2,000
RN0267H	N	50	N	500	N	>2,000
RN0268H	200	20	N	1,500	N	>2,000
RN0269H	N	100	N	500	N	>2,000
RN0270H	700	20	N	1,000	N	>2,000
RN0271H	300	20	N	1,500	N	>2,000
RN0273H	500	20	N	2,000	N	>2,000
RN0274H	700	70	N	700	N	>2,000
RN0275H	300	150	N	300	N	>2,000
RN0276H	N	100	<100	300	N	>2,000
RN0278H	5,000	<20	N	2,000	N	>2,000
RN0279H	700	50	N	1,000	N	>2,000
RN0280H	N	20	N	1,000	N	>2,000
RN0281H	200	30	N	1,000	N	>2,000
RN0282H	N	20	N	700	N	>2,000
RN0283H	300	200	<100	500	N	>2,000
RN0284H	700	200	150	500	N	2,000
RN0285H	200	150	150	500	N	>2,000
RN0286H	N	150	N	50	N	>2,000
RN0287H	N	70	N	200	N	>2,000
RN0288H	300	100	N	500	N	>2,000
RN0289H	700	150	N	1,000	N	>2,000

TABLE 4.--ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES--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
RN0290H	44 36 53	114 51 1	5.00	3.00	7.0	>2.00	1,500	N	N	N	50	200	2
RN0291H	44 35 58	114 51 13	7.00	5.00	5.0	>2.00	1,000	N	N	N	50	300	<2
RN0292H	44 35 14	114 50 3	2.00	2.00	10.0	2.00	700	N	N	N	20	700	N
RN0293H	44 33 34	114 50 44	1.00	1.50	1.0	.20	200	N	N	N	200	150	<2
RN0294H	44 33 48	114 50 44	1.50	.30	.3	.50	200	N	N	N	150	200	<2
RN0295H	44 34 52	114 49 56	.50	.05	30.0	1.00	1,500	N	N	N	<20	N	N
RN0296H	44 34 11	115 8 0	1.00	.30	10.0	>2.00	500	70	N	100	50	300	<2
RN0297H	44 34 15	115 8 2	3.00	1.00	15.0	>2.00	1,000	N	N	N	50	300	3
RN0298H	44 33 27	115 6 58	1.00	.50	10.0	>2.00	500	N	N	N	50	200	<2
RN0299H	44 33 29	115 7 4	1.50	.50	7.0	>2.00	700	20	N	70	50	200	2
RN0300H	44 27 33	115 19 37	1.00	.15	7.0	>2.00	700	N	N	N	N	<50	<2
RN0301H	44 27 52	115 20 8	1.00	.20	10.0	>2.00	1,500	N	N	N	<20	<50	N
RN0302H	44 27 54	115 20 14	1.00	.05	10.0	>2.00	700	N	N	N	<20	N	N
RN0303H	44 27 49	115 21 30	1.00	.05	10.0	>2.00	1,500	N	N	N	<20	N	N
RN0304H	44 27 45	115 21 32	1.00	.10	15.0	>2.00	1,500	N	N	N	<20	N	N
RN0306H	44 28 46	115 19 11	1.00	.05	10.0	>2.00	700	N	N	N	N	N	N
RN0307H	44 28 46	115 18 37	.50	.05	15.0	>2.00	500	N	N	N	<20	70	N
RN0308H	44 28 48	115 18 37	1.00	.10	20.0	>2.00	700	N	N	N	<20	<50	<2
RN0309H	44 29 32	115 18 57	1.00	.05	10.0	>2.00	700	N	N	N	<20	N	N
RN0310H	44 25 4	115 17 20	1.00	.20	15.0	>2.00	1,000	N	N	N	<20	N	N
RN0311H	44 29 9	115 29 51	1.00	.10	10.0	>2.00	700	N	N	N	30	150	N
RN0312H	44 29 8	115 29 52	.50	.07	20.0	>2.00	700	N	N	N	<20	100	N
RN0313H	44 29 28	115 29 21	1.00	.20	10.0	>2.00	700	N	N	N	N	N	N
RN0314H	44 29 33	115 28 43	1.00	.20	10.0	>2.00	1,000	N	N	N	N	<50	N
RN0315H	44 28 18	115 28 22	1.00	.10	15.0	>2.00	1,000	N	N	N	N	70	N
RN0316H	44 28 41	115 28 18	1.50	.20	15.0	>2.00	1,000	N	N	N	N	N	N
RN0317H	44 27 35	115 28 55	1.00	.30	10.0	>2.00	1,000	N	N	N	N	500	N
RN0318H	44 27 43	115 30 42	1.50	3.00	10.0	>2.00	1,000	N	N	N	20	10,000	2
RN0319H	44 27 42	115 30 47	2.00	7.00	10.0	>2.00	1,000	N	N	N	70	700	5
RN0320H	44 25 50	115 17 11	1.00	.20	10.0	>2.00	700	N	N	N	20	100	N
RN0322H	44 26 6	115 27 57	1.50	3.00	10.0	>2.00	500	N	N	N	200	300	7
RN0323H	44 25 21	115 26 47	.50	.50	5.0	>2.00	500	N	N	N	200	100	<2
RN0324H	44 25 46	115 26 6	1.00	1.00	10.0	>2.00	1,000	N	N	N	50	300	2
RN0325H	44 26 25	115 25 5	.70	.05	10.0	>2.00	700	N	N	N	20	N	N
RN0326H	44 26 28	115 25 9	.50	.07	10.0	>2.00	700	N	N	N	20	N	N
RN0327H	44 25 6	115 23 28	1.50	2.00	10.0	>2.00	1,000	N	N	N	50	500	5
RN0328H	44 26 57	115 26 16	.70	.05	10.0	>2.00	1,000	N	N	N	N	N	N
RN0329H	44 26 4	115 24 14	1.00	.15	15.0	>2.00	700	N	N	N	20	300	2
RN0330H	44 26 23	115 23 3	1.00	.05	15.0	>2.00	1,000	N	N	N	<20	N	N
RN0331H	44 25 24	115 22 2	1.00	.15	15.0	>2.00	1,000	N	N	N	<20	N	N
RN0332H	44 26 34	115 20 41	1.00	.10	20.0	>2.00	1,000	N	N	N	<20	N	N
RN0333H	44 26 21	115 17 55	.70	.05	20.0	>2.00	700	N	N	N	<20	N	N
RN0335H	44 26 49	115 16 32	1.00	.15	20.0	>2.00	700	N	N	N	20	150	N
RN0338H	44 27 52	115 15 28	1.00	.30	20.0	>2.00	700	N	N	N	20	100	N
RN0339H	44 27 54	115 15 28	.50	.10	20.0	>2.00	500	N	N	N	20	<50	N

TABLE 4.--ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES--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
RN0290H	N	N	30	300	10	>2,000	N	150	30	70	N	50	N	<200
RN0291H	N	N	70	1,500	30	>2,000	30	200	50	300	N	100	30	N
RN0292H	100	N	30	500	<10	>2,000	N	300	20	100	N	<10	<20	<200
RN0293H	N	N	N	100	N	100	N	N	10	N	N	N	N	N
RN0294H	N	N	N	150	N	150	N	N	<10	N	N	N	N	N
RN0295H	30	N	N	N	N	500	N	100	<10	N	N	N	N	500
RN0296H	N	N	<10	20	N	500	<10	200	10	1,000	N	<10	70	N
RN0297H	N	N	10	20	15	>2,000	<10	200	10	100	N	N	N	<200
RN0298H	N	N	10	20	N	500	10	300	N	N	N	N	100	N
RN0299H	N	N	10	<20	N	1,500	15	700	N	<20	N	N	70	N
RN0300H	N	N	15	N	N	>2,000	N	200	N	N	N	50	70	N
RN0301H	N	N	<10	<20	N	>2,000	20	300	N	<20	N	20	150	N
RN0302H	N	N	<10	N	N	1,000	20	300	N	N	N	<10	100	N
RN0303H	N	N	<10	N	N	1,000	30	500	N	N	N	<10	150	N
RN0304H	N	N	<10	N	N	1,000	20	500	N	N	N	<10	150	N
RN0306H	N	N	10	N	N	1,000	20	700	N	N	N	N	150	N
RN0307H	N	N	10	N	N	500	10	200	N	70	N	20	100	N
RN0308H	N	N	N	N	N	2,000	N	200	N	20	N	<10	50	500
RN0309H	N	N	10	N	N	1,500	20	500	N	N	N	N	150	N
RN0310H	N	N	10	100	N	700	20	300	N	N	N	<10	100	N
RN0311H	N	N	10	N	N	700	N	300	N	N	N	N	30	N
RN0312H	N	N	<10	<20	N	1,000	<10	300	N	N	N	<10	50	N
RN0313H	N	N	10	N	N	1,500	<10	500	N	N	N	N	100	N
RN0314H	N	N	15	N	N	700	N	200	N	N	N	10	100	N
RN0315H	N	N	15	N	N	1,000	N	300	N	N	N	<10	200	N
RN0316H	N	N	15	N	N	1,500	N	200	N	150	N	<10	200	N
RN0317H	N	N	15	<20	N	1,000	10	300	N	N	N	N	150	N
RN0318H	N	N	<10	100	N	1,000	N	200	10	N	N	20	100	N
RN0319H	N	N	10	150	N	1,000	N	300	20	N	N	20	N	N
RN0320H	N	N	10	N	N	1,000	10	300	N	50	N	N	100	N
RN0322H	N	N	<10	300	N	500	N	200	20	<20	N	N	<20	<200
RN0323H	70	N	15	200	N	500	N	300	N	N	N	20	<20	N
RN0324H	N	N	15	30	N	500	10	700	N	30	N	N	150	N
RN0325H	N	N	15	N	N	700	20	500	10	N	N	<10	150	N
RN0326H	N	N	15	30	N	700	N	200	N	N	N	<10	100	N
RN0327H	N	N	15	100	N	1,500	10	500	10	N	N	<10	70	N
RN0328H	N	N	15	N	N	2,000	N	300	N	N	N	20	150	N
RN0329H	N	N	<10	N	N	2,000	10	300	N	50	N	20	100	N
RN0330H	N	N	20	N	<10	1,000	30	500	N	50	N	20	150	N
RN0331H	N	N	15	20	N	1,500	50	300	20	50	N	<10	150	N
RN0332H	N	N	20	N	N	1,000	30	500	N	<20	N	<10	200	N
RN0333H	N	N	10	N	<10	700	<10	200	N	N	N	N	100	N
RN0335H	N	N	10	N	N	700	<10	300	<10	<20	N	N	100	N
RN0338H	N	N	N	<20	N	500	N	150	N	N	N	N	<20	<200
RN0339H	N	N	10	N	N	500	N	200	N	N	N	N	70	N

TABLE 4.--ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES--Continued

Sample	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s
RN0290H	200	150	N	500	N	>2,000
RN0291H	2,000	150	<100	500	N	>2,000
RN0292H	1,000	100	N	700	N	>2,000
RN0293H	N	70	300	70	N	2,000
RN0294H	N	50	N	20	N	500
RN0295H	<200	30	N	500	N	>2,000
RN0296H	500	150	500	500	N	>2,000
RN0297H	500	100	500	700	N	>2,000
RN0298H	N	200	N	500	N	>2,000
RN0299H	200	200	200	700	N	>2,000
RN0300H	700	100	N	700	N	>2,000
RN0301H	500	150	N	500	N	>2,000
RN0302H	500	200	N	500	N	>2,000
RN0303H	200	200	N	700	N	2,000
RN0304H	N	200	N	700	N	>2,000
RN0306H	<200	200	N	700	N	>2,000
RN0307H	500	150	N	300	N	>2,000
RN0308H	500	100	N	700	N	>2,000
RN0309H	300	150	N	500	N	>2,000
RN0310H	200	150	N	500	N	>2,000
RN0311H	N	200	N	500	N	>2,000
RN0312H	N	150	N	700	N	>2,000
RN0313H	200	150	N	500	N	>2,000
RN0314H	<200	100	N	700	N	>2,000
RN0315H	N	150	N	700	N	>2,000
RN0316H	N	150	N	700	N	>2,000
RN0317H	<200	200	N	1,000	N	2,000
RN0318H	200	200	N	700	N	>2,000
RN0319H	<200	200	N	500	N	>2,000
RN0320H	N	200	N	500	N	>2,000
RN0322H	700	200	N	200	N	>2,000
RN0323H	N	300	N	300	N	>2,000
RN0324H	N	200	N	500	N	2,000
RN0325H	700	200	N	700	N	>2,000
RN0326H	N	200	N	700	N	>2,000
RN0327H	<200	150	N	500	N	>2,000
RN0328H	500	150	N	700	N	>2,000
RN0329H	500	150	N	500	N	>2,000
RN0330H	1,000	200	N	1,000	N	>2,000
RN0331H	200	150	N	700	N	>2,000
RN0332H	700	150	N	700	N	>2,000
RN0333H	1,500	150	N	500	N	>2,000
RN0335H	200	150	N	700	N	>2,000
RN0338H	N	100	N	700	N	>2,000
RN0339H	N	100	N	50	N	>2,000

TABLE 4.--ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES--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
RN0340H	44 29 31	115 17 45	1.00	.10	10.0	>2.00	500	N	N	N	20	<50	N
RN0341H	44 29 30	115 17 42	1.50	.20	20.0	>2.00	700	50	N	70	<20	100	<2
RN0342H	44 36 18	115 29 54	3.00	.70	.5	>2.00	1,500	N	N	N	N	500	3
RN0343H	44 36 30	115 29 50	2.00	.50	.7	2.00	1,000	N	N	N	<20	700	3
RN0344H	44 35 15	115 29 52	3.00	1.00	3.0	>2.00	1,500	N	N	N	30	1,000	5
RN0345H	44 35 19	115 30 10	1.00	.50	3.0	>2.00	1,000	N	N	N	20	500	<2
RN0346H	44 37 0	115 27 46	1.00	.10	7.0	>2.00	700	N	N	N	<20	200	2
RN0347H	44 34 52	115 27 47	3.00	.30	2.0	>2.00	1,500	N	N	N	20	1,000	5
RN0348H	44 34 47	115 27 42	3.00	.30	5.0	>2.00	1,500	N	N	N	50	1,000	5
RN0349H	44 33 59	115 27 32	1.50	.30	5.0	>2.00	700	N	N	N	70	2,000	2
RN0350H	44 33 50	115 27 26	2.00	.30	5.0	>2.00	300	N	N	N	50	>10,000	3
RN0351H	44 33 42	115 27 3	1.50	.30	5.0	>2.00	1,000	N	N	N	50	500	2
RN0352H	44 33 38	115 19 15	1.00	.07	30.0	>2.00	1,000	N	N	N	N	N	N
RN0353H	44 32 58	115 20 10	1.00	.10	20.0	>2.00	1,000	15	N	20	N	100	N
RN0354H	44 32 23	115 22 22	1.00	.20	10.0	>2.00	700	N	N	N	20	500	2
RN0355H	44 33 59	115 25 8	1.50	.30	7.0	>2.00	1,000	10	N	N	20	500	2
RN0356H	44 34 0	115 25 0	1.00	.15	7.0	>2.00	1,000	7	N	N	50	300	2
RN0357H	44 33 39	115 24 24	2.00	.30	7.0	>2.00	1,000	N	N	N	20	500	3
RN0358H	44 33 14	115 24 5	1.50	.30	7.0	>2.00	1,000	N	N	N	N	300	70
RN0359H	44 39 37	115 22 17	1.50	.50	15.0	>2.00	700	N	N	N	20	300	<2
RN0360H	44 41 23	115 19 12	2.00	1.00	10.0	>2.00	1,000	20	N	70	50	200	3
RN0361H	44 40 44	115 20 6	1.00	.30	15.0	>2.00	1,000	N	N	N	20	100	<2
RN0362H	44 40 45	115 19 50	1.50	.30	10.0	>2.00	700	7	500	N	20	500	3
RN0363H	44 36 33	115 9 37	1.50	.50	15.0	>2.00	1,000	N	N	N	20	<50	N
RN0364H	44 36 32	115 9 31	1.00	1.00	10.0	2.00	1,000	20	700	N	50	200	2
RN0365H	44 37 31	115 9 12	5.00	3.00	10.0	>2.00	700	N	N	N	200	1,000	2
RN0367H	44 28 8	115 10 32	.70	.20	3.0	>2.00	300	N	N	N	<20	300	N
RN0368H	44 28 7	115 10 29	.50	.10	2.0	>2.00	200	N	N	N	<20	300	N
RN0369H	44 28 32	115 10 24	1.00	5.00	7.0	>2.00	500	N	N	N	50	70	2
RN0370H	44 28 57	115 10 27	1.00	2.00	15.0	>2.00	500	N	N	N	70	100	<2
RN0371H	44 29 44	115 11 14	1.00	3.00	10.0	>2.00	500	N	N	N	100	100	2
RN0372H	44 29 53	115 11 42	1.00	3.00	10.0	>2.00	500	N	N	N	50	N	2
RN0373H	44 30 10	115 0 0	3.00	3.00	10.0	>2.00	1,500	N	N	N	700	700	3
RN0374H	44 29 49	115 0 26	2.00	5.00	10.0	>2.00	1,000	N	N	N	300	300	3
RN0375H	44 28 46	115 0 45	3.00	1.50	15.0	>2.00	1,000	N	N	N	20	150	<2
RN0376H	44 28 53	115 0 47	3.00	2.00	10.0	>2.00	1,000	N	N	N	100	100	N
RN0377H	44 28 33	115 1 15	1.00	.20	10.0	>2.00	500	N	N	N	N	N	N
RN0378H	44 27 51	115 1 35	1.00	.10	20.0	2.00	300	N	N	N	N	<50	N
RN0379H	44 26 33	115 2 38	.50	.10	20.0	>2.00	500	N	N	N	50	<50	<2
RN0380H	44 26 48	115 6 45	1.00	.20	5.0	>2.00	500	N	N	N	N	150	N
RN0381H	44 27 48	115 7 2	1.00	1.00	10.0	>2.00	300	N	N	N	150	200	<2
RN0382H	44 27 47	115 7 4	1.00	1.50	10.0	>2.00	500	N	N	N	100	70	<2
RN0383H	44 26 39	115 5 26	1.00	.15	10.0	>2.00	500	N	N	N	N	150	<2
RN0384H	44 26 29	115 5 14	1.00	1.00	10.0	>2.00	1,000	N	N	N	200	300	2
RN0385H	44 27 14	115 4 54	1.50	.20	10.0	>2.00	1,000	N	N	N	N	200	N

TABLE 4.--ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES--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
RN0340H	N	N	10	N	N	700	50	500	20	<20	N	N	100	N
RN0341H	N	N	10	N	N	1,500	<10	300	N	N	N	<10	150	<200
RN0342H	N	N	N	50	N	>2,000	N	150	20	N	N	50	N	N
RN0343H	N	N	15	N	10	>2,000	N	150	15	<20	N	50	N	N
RN0344H	N	N	15	150	<10	>2,000	N	200	10	70	N	20	N	<200
RN0345H	N	N	N	N	N	>2,000	N	50	20	N	N	100	N	N
RN0346H	N	N	20	N	N	700	30	500	N	70	N	<10	100	N
RN0347H	N	N	N	<20	<10	>2,000	N	100	<10	70	N	<10	N	<200
RN0348H	N	N	15	<20	N	>2,000	10	200	N	100	N	N	70	N
RN0349H	N	N	10	N	N	>2,000	N	150	N	30	N	20	N	300
RN0350H	N	N	15	<20	N	2,000	N	200	N	50	N	<10	20	N
RN0351H	N	N	10	N	N	1,000	N	200	<10	20	N	<10	N	N
RN0352H	200	N	N	N	20	500	200	200	<10	5,000	N	N	70	<200
RN0353H	30	N	10	N	<10	500	15	500	N	500	N	N	150	N
RN0354H	N	N	15	N	N	2,000	<10	200	N	100	N	N	50	N
RN0355H	100	N	15	N	N	1,500	10	500	N	50	N	N	70	N
RN0356H	200	N	15	<20	<10	1,000	10	300	N	500	N	N	70	N
RN0357H	N	N	15	20	10	>2,000	<10	200	N	100	N	20	70	N
RN0358H	N	N	15	<20	N	>2,000	<10	200	N	50	N	20	50	N
RN0359H	N	N	15	20	N	1,000	15	300	N	<20	N	<10	50	<200
RN0360H	N	N	15	50	15	2,000	N	200	15	500	N	<10	20	500
RN0361H	N	N	10	<20	N	1,000	20	500	N	20	N	N	100	N
RN0362H	N	N	N	20	15	2,000	15	200	<10	5,000	N	<10	70	N
RN0363H	N	N	10	50	15	>2,000	20	300	N	200	N	N	100	N
RN0364H	N	N	20	<20	N	1,000	30	200	20	700	N	N	N	N
RN0365H	N	N	30	100	20	>2,000	N	200	30	100	N	<10	N	500
RN0367H	N	N	N	N	N	500	N	100	15	30	N	30	N	N
RN0368H	N	N	N	N	N	200	N	70	30	300	N	30	N	N
RN0369H	N	N	10	100	N	200	N	200	10	N	N	N	100	N
RN0370H	N	N	15	200	N	300	10	300	<10	500	N	N	100	700
RN0371H	N	N	10	300	N	200	<10	300	10	30	N	N	100	500
RN0372H	N	N	N	50	N	200	<10	200	<10	N	N	N	50	500
RN0373H	N	N	10	70	20	2,000	N	200	20	100	N	N	70	500
RN0374H	N	N	10	70	<10	500	N	300	20	N	N	N	N	N
RN0375H	N	N	20	100	N	1,500	30	300	10	20	N	<10	100	N
RN0376H	N	N	20	70	10	1,500	30	500	10	20	N	<10	150	N
RN0377H	N	N	10	N	N	1,000	30	300	10	N	N	N	70	N
RN0378H	N	N	N	N	N	700	N	200	N	N	N	<10	<20	<200
RN0379H	N	N	<10	<20	10	500	<10	300	N	200	N	N	100	300
RN0380H	N	N	N	20	N	500	N	150	<10	50	N	N	30	<200
RN0381H	N	N	N	50	N	300	10	300	N	N	N	<10	70	<200
RN0382H	N	N	10	50	N	500	<10	200	<10	N	N	<10	70	<200
RN0383H	N	N	10	20	N	700	20	300	N	<20	N	<10	100	N
RN0384H	N	N	10	<20	N	1,000	N	300	N	<20	N	N	30	<200
RN0385H	N	N	15	<20	N	700	20	500	N	N	N	N	70	N

TABLE 4.--ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES--Continued

Sample	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s
RN0340H	N	150	N	300	N	2,000
RN0341H	200	150	N	500	N	>2,000
RN0342H	1,500	50	N	1,500	N	>2,000
RN0343H	1,500	70	N	1,000	N	>2,000
RN0344H	500	100	N	500	N	>2,000
RN0345H	500	50	N	2,000	N	>2,000
RN0346H	300	200	N	500	N	>2,000
RN0347H	200	50	N	1,500	N	>2,000
RN0348H	500	150	N	700	N	>2,000
RN0349H	200	70	200	300	N	>2,000
RN0350H	200	100	200	500	N	>2,000
RN0351H	<200	50	N	500	N	>2,000
RN0352H	200	150	N	700	N	>2,000
RN0353H	200	200	N	1,000	N	>2,000
RN0354H	500	150	100	500	N	>2,000
RN0355H	200	150	<100	500	N	>2,000
RN0356H	700	150	150	500	N	>2,000
RN0357H	1,000	150	N	500	N	>2,000
RN0358H	500	150	N	500	N	>2,000
RN0359H	300	150	N	300	N	>2,000
RN0360H	300	100	200	500	N	>2,000
RN0361H	300	200	300	500	N	>2,000
RN0362H	500	150	300	1,000	N	>2,000
RN0363H	700	200	N	1,000	N	>2,000
RN0364H	200	50	N	700	N	>2,000
RN0365H	200	150	N	500	N	>2,000
RN0367H	<200	100	N	300	N	>2,000
RN0368H	N	150	500	300	N	>2,000
RN0369H	N	150	150	200	N	>2,000
RN0370H	200	200	<100	300	N	>2,000
RN0371H	500	200	100	200	N	>2,000
RN0372H	N	100	100	200	N	1,000
RN0373H	200	200	150	200	N	2,000
RN0374H	N	200	200	200	N	2,000
RN0375H	200	200	N	500	N	>2,000
RN0376H	500	200	150	500	N	2,000
RN0377H	<200	200	<100	500	N	>2,000
RN0378H	N	100	N	200	N	>2,000
RN0379H	N	100	100	200	N	>2,000
RN0380H	<200	100	500	200	N	>2,000
RN0381H	N	100	N	200	N	2,000
RN0382H	N	100	150	300	N	>2,000
RN0383H	<200	150	N	500	N	>2,000
RN0384H	N	150	N	300	N	>2,000
RN0385H	<200	200	N	500	N	>2,000

TABLE 4.--ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES--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
RN0386H	44 27 13	115 4 53	1.00	.10	10.0	>2.00	70	N	N	N	N	<50	N
RN0387H	44 26 3	115 2 48	1.00	.15	15.0	>2.00	700	N	N	N	N	150	2
RN0388H	44 32 58	115 16 53	1.50	.30	20.0	>2.00	1,000	N	N	N	20	<50	<2
RN0389H	44 32 59	115 16 57	1.50	.30	15.0	>2.00	1,000	N	N	N	N	<50	N
RN0390H	44 34 59	115 13 28	.70	.07	20.0	>2.00	500	N	N	N	N	N	N
RN0391H	44 35 57	115 12 16	1.00	.20	10.0	>2.00	500	N	N	N	20	200	N
RN0392H	44 32 18	115 11 28	1.00	.10	10.0	>2.00	700	N	N	N	N	N	N
RN0393H	44 32 20	115 11 30	1.00	.10	15.0	>2.00	700	N	N	N	N	N	N
RN0394H	44 34 42	115 7 40	1.00	.05	30.0	2.00	1,500	N	3,000	N	50	N	N
RN0395H	44 36 30	115 4 3	.70	.50	10.0	>2.00	500	N	N	N	200	150	<2
RN0396H	44 35 35	115 4 28	1.00	.70	7.0	>2.00	500	N	N	N	100	700	2
RN0397H	44 32 23	115 9 27	2.00	.30	10.0	>2.00	700	N	N	N	N	150	2
RN0398H	44 32 22	115 9 17	1.00	.20	15.0	>2.00	700	N	N	N	N	<50	2
RN0399H	44 30 59	115 7 5	2.00	.20	15.0	>2.00	700	N	N	N	N	N	5
RN0400H	44 31 0	115 7 14	1.50	.20	10.0	>2.00	700	N	N	N	N	N	2
RN0401H	44 31 45	115 7 53	1.50	.30	10.0	>2.00	700	N	N	N	N	<50	2
RN0402H	44 23 37	115 12 53	1.00	5.00	15.0	2.00	500	N	N	N	<20	N	N
RN0403H	44 30 16	115 6 11	1.50	.30	10.0	>2.00	700	N	N	N	N	N	7
RN0404H	44 25 21	115 7 12	1.50	.30	15.0	>2.00	700	10	N	20	N	200	N
RN0405H	44 26 14	115 4 9	1.00	.20	7.0	>2.00	500	N	N	N	<20	200	2
RN0406H	44 25 37	114 57 8	2.00	.50	10.0	>2.00	700	N	N	N	N	200	3
RN0407H	44 25 36	114 57 8	5.00	.30	10.0	>2.00	700	N	N	N	N	200	5
RN0408H	44 25 33	114 57 38	.70	.10	20.0	>2.00	500	N	N	N	<20	150	2
RN0409H	44 25 29	114 57 28	1.00	.20	10.0	>2.00	500	N	N	N	N	150	5
RN0410H	44 25 25	114 58 10	.70	.10	20.0	>2.00	500	N	N	N	N	100	<2
RN0411H	44 25 8	114 59 6	1.00	.10	15.0	>2.00	300	N	N	N	N	100	2
RN0412H	44 24 24	114 56 40	1.50	.20	20.0	>2.00	500	N	N	N	30	100	<2
RN0413H	44 24 3	114 52 55	1.50	.20	10.0	>2.00	700	N	N	N	N	150	<2
RN0414H	44 24 2	114 54 23	1.00	.20	20.0	>2.00	500	N	N	N	N	<50	2
RN0415H	44 25 30	114 55 54	2.00	1.00	7.0	>2.00	700	N	N	N	N	100	2
RN0416H	44 26 57	114 52 54	1.50	.20	.1	>2.00	200	N	N	N	N	<50	20
RN0417H	44 27 33	114 52 35	2.00	.50	2.0	2.00	300	N	N	N	<20	200	30
RN0418H	44 27 34	114 52 37	5.00	2.00	5.0	1.50	1,000	N	N	N	100	300	5
RN0420H	44 25 39	114 52 54	2.00	.20	.7	2.00	300	N	N	N	20	100	10
RN0421H	44 25 38	114 52 34	5.00	.07	.5	2.00	1,000	N	N	N	N	N	10
RN0422H	44 25 16	114 51 45	.50	.10	50.0	.50	100	N	N	N	N	N	<2
RN0423H	44 25 18	114 51 48	1.00	.10	50.0	1.50	700	N	N	N	N	N	3
RN0424H	44 25 41	114 52 17	1.00	.20	50.0	1.00	150	N	N	N	N	N	2
RN0425H	44 31 3	114 56 58	1.50	.70	10.0	>2.00	1,500	N	N	N	200	1,000	3
RN0426H	44 31 0	114 56 53	1.50	1.50	7.0	>2.00	1,000	N	N	N	150	1,000	5
RN0428H	44 32 15	114 56 40	1.00	.30	20.0	2.00	1,000	N	N	N	100	700	<2
RN0429H	44 32 16	114 56 47	1.50	.20	10.0	2.00	1,000	N	N	N	N	100	2
RN0430H	44 32 14	114 54 59	1.50	.20	15.0	2.00	1,000	N	N	N	30	100	N
RN0432H	44 35 30	114 56 15	1.00	5.00	7.0	2.00	500	N	N	N	500	200	<2
RN0433H	44 35 32	114 56 14	1.00	5.00	3.0	1.50	500	N	N	N	300	300	2

TABLE 4.--ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES--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
RN0386H	N	N	20	N	N	500	20	500	N	N	N	N	100	N
RN0387H	N	N	15	<20	N	700	20	500	20	50	N	N	70	<200
RN0388H	N	N	10	<20	N	>2,000	20	200	N	20	N	<10	100	N
RN0389H	N	N	10	20	N	2,000	10	300	N	20	N	20	150	N
RN0390H	N	N	10	N	N	500	10	200	N	200	N	N	70	<200
RN0391H	N	N	15	N	N	700	<10	200	N	700	N	N	1,000	N
RN0392H	N	N	15	N	N	500	20	500	N	N	N	<10	70	N
RN0393H	N	N	15	N	N	700	20	300	N	N	N	N	70	N
RN0394H	N	N	N	N	N	700	N	70	N	700	N	N	N	700
RN0395H	100	N	N	50	<10	700	30	200	<10	700	N	N	N	<200
RN0396H	N	N	10	N	<10	>2,000	N	200	N	700	N	N	N	N
RN0397H	N	N	15	<20	15	1,000	20	700	<10	30	N	N	100	N
RN0398H	N	N	15	20	N	700	20	500	N	20	N	<10	100	N
RN0399H	N	N	10	20	30	500	500	500	<10	500	N	N	70	<200
RN0400H	N	N	10	50	N	1,000	50	500	N	150	N	N	100	N
RN0401H	N	N	10	<20	N	700	20	700	<10	50	N	N	100	N
RN0402H	N	N	<10	300	N	500	N	200	<10	N	N	N	<20	N
RN0403H	N	N	10	20	N	700	30	500	<10	N	N	N	70	N
RN0404H	100	N	N	20	N	1,000	20	200	<10	30	N	N	30	<200
RN0405H	N	N	10	N	N	700	<10	300	N	100	N	<10	70	N
RN0406H	N	N	15	20	N	1,000	10	500	N	100	N	<10	150	<200
RN0407H	N	N	10	<20	N	700	<10	300	<10	70	N	N	30	<200
RN0408H	N	N	10	N	N	500	N	300	N	20	N	N	<20	300
RN0409H	N	N	10	N	N	700	<10	200	N	50	N	<10	150	N
RN0410H	N	N	<10	N	N	500	N	150	N	50	N	N	N	500
RN0411H	N	N	10	N	N	500	N	100	<10	20	N	N	70	<200
RN0412H	N	N	10	N	<10	500	N	200	N	<20	N	N	50	<200
RN0413H	N	N	10	N	N	1,000	15	300	N	<20	N	N	70	N
RN0414H	N	N	N	N	N	700	10	200	N	20	N	N	50	<200
RN0415H	N	N	15	150	N	700	10	300	20	<20	N	<10	70	N
RN0416H	N	N	N	N	15	1,500	N	500	20	150	N	30	1,500	N
RN0417H	N	N	N	20	10	1,000	N	300	20	100	N	30	1,500	N
RN0418H	N	N	10	50	10	300	N	100	30	70	N	<10	70	1,000
RN0420H	N	N	N	N	<10	200	2,000	200	10	2,000	N	N	200	N
RN0421H	N	N	N	N	50	700	1,000	200	20	700	N	<10	500	N
RN0422H	N	N	N	N	N	200	N	50	N	N	N	N	N	500
RN0423H	N	N	N	N	N	500	N	50	<10	<20	N	N	<20	<200
RN0424H	N	50	N	N	20	300	100	100	<10	700	N	N	50	<200
RN0425H	N	N	10	50	N	1,500	N	300	N	200	N	N	<20	500
RN0426H	N	N	10	70	N	2,000	N	500	N	30	N	N	N	500
RN0428H	N	N	N	N	N	1,500	N	150	N	N	N	N	N	500
RN0429H	N	N	15	20	<10	>2,000	N	200	N	30	N	N	<20	N
RN0430H	N	N	N	N	<10	>2,000	N	200	N	20	N	N	N	500
RN0432H	150	N	<10	20	N	300	N	70	15	200	N	N	N	<200
RN0433H	N	N	<10	50	N	300	N	N	20	N	N	<10	N	<200

TABLE 4.--ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES--Continued

Sample	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s
RN0386H	N	200	N	500	N	>2,000
RN0387H	300	150	N	200	N	>2,000
RN0388H	1,000	150	200	1,000	N	>2,000
RN0389H	300	150	100	700	N	>2,000
RN0390H	200	100	700	500	N	>2,000
RN0391H	700	150	100	700	N	>2,000
RN0392H	<200	150	500	300	N	2,000
RN0393H	N	150	<100	300	N	>2,000
RN0394H	N	20	100	1,000	N	>2,000
RN0395H	200	200	500	500	N	>2,000
RN0396H	700	100	N	700	N	>2,000
RN0397H	<200	200	150	1,000	N	>2,000
RN0398H	N	200	150	700	N	2,000
RN0399H	N	150	150	700	N	>2,000
RN0400H	<200	200	N	1,000	N	>2,000
RN0401H	N	150	100	1,000	N	>2,000
RN0402H	N	200	N	200	N	>2,000
RN0403H	<200	200	N	500	N	>2,000
RN0404H	300	200	N	500	N	>2,000
RN0405H	<200	150	N	300	N	>2,000
RN0406H	<200	150	<100	500	N	>2,000
RN0407H	700	150	<100	300	N	>2,000
RN0408H	300	100	N	200	N	>2,000
RN0409H	N	100	100	300	N	>2,000
RN0410H	500	70	N	200	N	>2,000
RN0411H	200	70	N	300	N	>2,000
RN0412H	300	100	150	200	N	>2,000
RN0413H	N	200	<100	500	N	>2,000
RN0414H	200	150	200	500	N	>2,000
RN0415H	<200	200	N	500	N	>2,000
RN0416H	>5,000	<20	N	5,000	N	>2,000
RN0417H	5,000	50	N	5,000	N	>2,000
RN0418H	700	200	100	500	N	>2,000
RN0420H	1,000	30	N	1,500	N	>2,000
RN0421H	3,000	20	N	>5,000	N	>2,000
RN0422H	N	20	1,000	200	N	>2,000
RN0423H	200	30	N	1,000	N	>2,000
RN0424H	1,000	100	N	700	5,000	>2,000
RN0425H	N	150	300	500	N	2,000
RN0426H	<200	300	500	300	N	>2,000
RN0428H	<200	70	N	500	N	>2,000
RN0429H	1,000	70	150	1,000	N	>2,000
RN0430H	500	50	100	1,000	N	>2,000
RN0432H	200	150	500	200	N	>2,000
RN0433H	N	150	200	200	N	>2,000

TABLE 4.--ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES--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
RN0434H	44 35 35	114 57 8	1.00	.50	10.0	>2.00	500	150	N	200	1,000	500	2
RN0435H	44 35 42	114 57 33	3.00	2.00	7.0	1.00	700	N	N	N	200	1,000	N
RN0436H	44 35 38	114 57 55	.50	.20	20.0	1.50	500	N	N	N	200	100	N
RN0437H	44 35 33	114 57 47	1.50	1.00	5.0	>2.00	500	N	N	N	1,000	200	<2
RN0438H	44 35 29	114 58 20	2.00	5.00	10.0	>2.00	700	30	N	50	500	500	2
RN0439H	44 35 16	114 58 37	1.00	1.00	20.0	2.00	700	N	N	N	100	<50	N
RN0440H	44 34 48	114 59 8	1.50	10.00	10.0	.70	700	N	N	N	300	<50	N
RN0441H	44 34 50	114 59 7	1.50	10.00	10.0	.20	500	N	N	N	100	N	N
RN0442H	44 34 11	114 59 15	.50	5.00	15.0	2.00	500	7	N	N	200	150	N
RN0443H	44 33 47	114 59 30	.50	.10	20.0	2.00	1,000	15	N	20	<20	100	N
RN0445H	44 37 24	114 58 57	.50	.10	50.0	2.00	500	N	N	N	N	N	N
RN0446H	44 37 21	114 59 0	.70	.20	50.0	2.00	700	N	N	N	N	N	N
RN0447H	44 37 44	114 57 56	1.00	.20	20.0	2.00	500	N	N	N	N	100	<2
RN0448H	44 37 42	114 57 54	.30	.10	30.0	1.50	300	N	N	N	N	N	N
RN0449H	44 38 0	114 57 0	2.00	5.00	15.0	2.00	500	N	N	N	500	N	N
RN0450H	44 38 1	114 56 54	.50	.20	20.0	2.00	700	N	N	N	N	N	N
RN0451H	44 38 56	114 52 21	.50	.20	1.0	.20	100	N	N	N	N	500	2
RN0452H	44 39 40	114 51 38	1.00	5.00	3.0	1.50	300	N	N	N	20	500	2
RN0453H	44 40 40	114 52 4	1.00	10.00	5.0	1.50	500	N	N	N	20	200	<2
RN0454H	44 40 42	114 52 3	.70	.70	2.0	2.00	200	N	N	N	<20	200	N
RN0455H	44 41 23	114 47 34	.50	.15	2.0	>2.00	200	N	N	N	<20	300	N
RN0456H	44 41 20	114 47 34	2.00	.30	5.0	>2.00	300	N	N	N	N	10,000	2
RN0457H	44 26 8	114 51 12	2.00	.50	5.0	>2.00	500	20	N	70	20	700	3
RN0458H	44 26 8	114 51 15	5.00	.50	3.0	>2.00	700	N	1,000	N	50	2,000	2
RN0459H	44 25 14	114 50 56	1.00	.30	5.0	>2.00	200	N	N	N	<20	500	3
RN0460H	44 24 30	114 50 24	1.50	.05	.5	>2.00	200	N	N	N	N	500	5
RN0461H	44 28 7	114 47 56	1.50	1.00	7.0	>2.00	500	N	N	N	200	1,000	3
RN0462H	44 28 5	114 47 53	1.50	.50	10.0	>2.00	700	N	N	N	N	100	<2
RN0463H	44 37 49	114 48 13	2.00	.50	3.0	2.00	1,000	N	N	N	N	150	7
RN0464H	44 37 43	114 48 10	7.00	.30	2.0	2.00	200	N	N	N	20	300	2
RN0466H	44 41 44	114 45 38	1.50	.20	2.0	>2.00	300	N	N	N	N	500	<2
RN0467H	44 36 36	114 47 42	1.00	1.00	5.0	>2.00	500	N	N	N	70	700	2
RN0468H	44 36 48	114 47 21	2.00	.70	3.0	2.00	1,000	N	N	N	<20	700	5
RN0469H	44 37 0	114 46 50	3.00	.50	20.0	2.00	500	N	N	N	20	300	2
RN0470H	44 37 36	114 45 26	1.00	.20	3.0	>2.00	200	N	N	N	30	700	5
RN0471H	44 34 44	114 48 15	1.00	.20	20.0	2.00	500	N	N	N	N	100	N
RN0472H	44 34 42	114 48 16	1.00	.20	30.0	2.00	700	N	N	N	<20	100	N
RN0473H	44 32 25	114 47 25	.30	.10	20.0	1.50	700	N	N	N	20	N	N
RN0474H	44 32 31	114 46 56	.70	.07	20.0	2.00	1,000	N	N	N	N	N	N
RN0475H	44 30 46	114 45 22	2.00	1.50	5.0	2.00	500	N	N	N	<20	300	<2
RN0476H	44 30 7	114 46 52	.70	.15	10.0	>2.00	700	N	N	N	<20	200	2
RN0477H	44 30 7	114 46 54	.70	.10	20.0	>2.00	1,000	5	N	N	20	<50	2
RN0478H	44 32 47	114 45 40	1.00	.50	10.0	2.00	700	N	N	N	150	100	N
RN0479H	44 32 54	114 45 42	1.00	.20	15.0	>2.00	1,000	N	N	N	N	100	N
RN0481H	44 33 8	114 44 3	2.00	1.00	1.0	1.00	500	N	N	N	100	150	<2

TABLE 4.--ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES--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
RN0434H	N	N	N	70	N	500	<10	200	10	N	N	<10	30	N
RN0435H	N	N	20	150	10	300	N	50	20	<20	N	<10	N	<200
RN0436H	N	N	N	50	N	500	N	100	10	N	N	<10	N	500
RN0437H	N	N	15	<20	N	>2,000	N	200	10	N	N	<10	N	<200
RN0438H	N	N	10	100	<10	1,000	N	200	20	20	N	N	N	500
RN0439H	N	N	<10	<20	N	500	N	100	<10	100	N	N	N	<200
RN0440H	N	N	N	N	<10	700	N	50	15	N	N	N	N	N
RN0441H	N	N	<10	<20	N	100	15	<50	10	N	N	N	N	N
RN0442H	N	N	N	<20	N	500	N	70	<10	N	N	N	N	<200
RN0443H	N	N	N	N	N	2,000	N	70	N	N	N	<10	N	500
RN0445H	N	N	N	N	N	700	N	70	N	<20	N	N	N	700
RN0446H	N	N	N	N	N	1,000	N	100	N	20	N	N	N	700
RN0447H	N	N	<10	N	N	700	30	200	N	300	N	N	N	700
RN0448H	N	N	N	N	N	500	N	50	<10	N	N	N	N	500
RN0449H	N	N	20	30	10	200	N	100	20	20	N	N	N	N
RN0450H	N	N	<10	<20	N	300	N	100	<10	<20	N	N	N	500
RN0451H	N	N	N	N	N	300	10	N	30	N	N	50	N	N
RN0452H	N	N	<10	N	<10	200	N	N	50	100	N	N	N	N
RN0453H	N	N	<10	20	N	200	N	<50	50	N	N	N	N	N
RN0454H	N	N	N	N	N	500	<10	<50	20	N	N	50	30	N
RN0455H	N	N	N	N	N	1,000	N	150	20	N	N	100	70	N
RN0456H	N	N	10	N	<10	2,000	N	150	20	50	N	50	30	N
RN0457H	150	N	20	100	20	>2,000	N	150	30	50	N	20	N	<200
RN0458H	N	N	50	50	50	>2,000	100	200	100	200	N	20	N	N
RN0459H	N	N	10	100	10	500	N	100	<10	50	N	70	N	<200
RN0460H	N	N	10	N	N	1,000	N	300	N	70	N	50	30	N
RN0461H	N	N	15	100	20	1,000	50	300	30	70	N	N	30	N
RN0462H	N	N	20	50	10	1,000	20	500	20	20	N	N	70	N
RN0463H	N	N	N	<20	N	1,000	N	100	15	200	N	<10	N	N
RN0464H	150	N	50	50	20	2,000	20	50	30	300	N	20	N	500
RN0466H	N	N	N	<20	<10	>2,000	N	100	20	N	N	100	50	N
RN0467H	N	N	<10	30	N	500	N	200	<10	200	N	<10	N	N
RN0468H	N	N	10	20	<10	2,000	N	100	20	100	N	<10	N	<200
RN0469H	N	N	20	20	20	1,500	200	100	15	700	N	N	50	700
RN0470H	N	N	N	70	N	700	N	50	10	30	N	50	N	<200
RN0471H	N	N	<10	N	N	1,000	N	150	N	N	N	N	N	700
RN0472H	N	N	10	<20	N	700	N	100	N	N	N	N	N	500
RN0473H	N	N	N	N	N	300	N	200	10	N	N	N	N	500
RN0474H	N	N	N	N	N	500	<10	300	N	N	N	N	20	500
RN0475H	N	N	20	150	<10	700	N	<50	15	50	N	20	N	500
RN0476H	N	N	<10	N	<10	700	2,000	300	N	20,000	N	N	20	500
RN0477H	N	N	10	N	15	500	700	300	N	5,000	N	N	50	500
RN0478H	30	N	<10	50	N	500	N	500	<10	N	N	N	N	500
RN0479H	N	N	<10	N	N	500	N	500	N	20	N	N	20	500
RN0481H	N	N	20	N	10	200	N	N	30	N	N	N	N	N

TABLE 4.--ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES--Continued

Sample	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s
RN0434H	500	200	N	500	N	>2,000
RN0435H	N	100	N	150	N	>2,000
RN0436H	200	70	300	200	N	>2,000
RN0437H	300	200	N	500	N	>2,000
RN0438H	N	300	200	200	N	>2,000
RN0439H	200	100	N	300	N	>2,000
RN0440H	N	150	<100	150	N	500
RN0441H	N	150	500	20	N	500
RN0442H	N	150	200	300	N	>2,000
RN0443H	<200	20	150	700	N	>2,000
RN0445H	N	50	N	200	N	>2,000
RN0446H	N	50	N	300	N	>2,000
RN0447H	N	70	N	300	N	>2,000
RN0448H	N	50	N	150	N	>2,000
RN0449H	N	200	100	150	N	>2,000
RN0450H	N	50	N	200	N	>2,000
RN0451H	<200	30	N	500	N	>2,000
RN0452H	300	300	100	300	N	>2,000
RN0453H	200	500	100	200	N	>2,000
RN0454H	300	100	N	500	N	>2,000
RN0455H	700	70	N	1,000	N	>2,000
RN0456H	500	100	N	500	N	>2,000
RN0457H	200	150	N	500	N	>2,000
RN0458H	300	150	<100	1,000	N	>2,000
RN0459H	N	150	100	300	N	>2,000
RN0460H	N	30	N	700	N	>2,000
RN0461H	<200	200	700	300	N	>2,000
RN0462H	700	200	150	500	N	>2,000
RN0463H	N	100	N	700	N	>2,000
RN0464H	<200	100	N	300	N	>2,000
RN0466H	700	70	N	700	N	>2,000
RN0467H	500	100	N	500	N	>2,000
RN0468H	N	100	N	500	N	>2,000
RN0469H	N	70	N	200	N	>2,000
RN0470H	N	100	N	300	N	>2,000
RN0471H	N	100	N	100	N	>2,000
RN0472H	<200	70	N	100	N	>2,000
RN0473H	N	50	N	200	N	>2,000
RN0474H	N	70	100	300	N	1,000
RN0475H	N	100	N	200	N	>2,000
RN0476H	300	300	N	500	N	>2,000
RN0477H	700	150	300	700	N	>2,000
RN0478H	N	100	100	300	N	1,500
RN0479H	N	100	N	500	N	>2,000
RN0481H	N	100	300	200	N	>2,000

TABLE 4.--ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES--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
RN0482H	44 33 13	114 43 4	1.00	.20	20.0	2.00	500	N	N	N	N	<50	N
RN0483H	44 33 22	114 42 9	1.50	1.50	1.5	1.50	500	N	N	N	N	200	5
RN0484H	44 27 14	114 45 2	1.00	.07	7.0	>2.00	70	150	N	200	N	150	<2
RN0485H	44 27 24	114 45 9	1.00	.20	2.0	.70	150	N	N	N	20	700	<2
RN0486H	44 27 27	114 45 8	.50	.10	20.0	2.00	70	N	N	N	N	150	<2
RN0487H	44 27 12	114 47 0	2.00	.50	3.0	>2.00	200	N	N	N	<20	300	3
RN0488H	44 29 17	114 45 36	1.50	.20	20.0	>2.00	700	N	N	N	N	100	3
RN0489H	44 29 18	114 45 40	1.00	.20	20.0	>2.00	700	N	N	N	N	150	2
RN0490H	44 29 28	114 45 34	2.00	.50	7.0	>2.00	700	N	N	N	50	300	2
RN0491H	44 26 56	114 44 0	3.00	.30	1.0	>2.00	1,000	N	N	N	20	700	20
RN0492H	44 27 14	114 44 30	2.00	1.00	2.0	>2.00	500	200	N	500	20	700	5
RN0493H	44 28 29	114 43 49	.30	.05	.2	>2.00	100	10	N	N	20	100	2
RN0494H	44 28 48	114 43 54	7.00	.50	5.0	>2.00	500	20	N	N	<20	100	5
RN0495H	44 29 28	114 44 4	1.50	.30	5.0	>2.00	300	N	N	N	50	200	3
RN0496H	44 29 11	114 38 7	.20	.05	.1	.20	50	N	N	N	N	200	N
RN0497H	44 29 4	114 37 40	1.00	.50	2.0	.70	200	N	N	N	N	500	N
RN0498H	44 28 4	114 39 19	.50	.20	.5	1.00	100	7	N	N	<20	500	<2
RN0499H	44 27 59	114 39 17	1.00	.20	.2	2.00	500	N	N	N	20	700	<2
RN0500H	44 27 26	114 41 39	2.00	.15	2.0	>2.00	150	>10,000	2,000	>1,000	N	>10,000	<2
RN0501H	44 29 34	114 42 11	1.50	.20	2.0	>2.00	300	N	N	N	<20	700	2
RN0502H	44 29 31	114 42 11	1.50	.20	.7	2.00	500	N	N	N	30	500	3
RN0503H	44 29 30	114 42 5	1.00	.10	.7	2.00	200	N	N	N	<20	700	2
RN0504H	44 29 48	114 42 1	7.00	.50	.5	2.00	1,500	N	N	N	20	700	7
RN0505H	44 29 56	114 41 52	.50	<.05	.5	1.50	1,500	N	N	N	20	700	5
RN0506H	44 30 3	114 41 35	2.00	.70	.5	1.50	1,000	N	N	N	20	500	7
RN0507H	44 30 3	114 41 18	5.00	1.00	1.0	>2.00	3,000	N	N	N	N	1,000	5
RN0512H	44 28 8	114 42 1	1.50	.10	.7	>2.00	200	10	N	20	N	300	2
RN0513H	44 28 5	114 42 2	1.00	.10	3.0	>2.00	150	10	N	N	20	700	2
RN0514H	44 27 55	114 41 45	10.00	.50	.7	>2.00	500	20	500	20	20	2,000	3
RN0515H	44 27 56	114 41 39	2.00	.50	.5	>2.00	500	70	N	50	N	1,000	2
RN0516H	44 28 34	114 40 6	1.00	.20	.3	1.50	500	N	N	N	20	500	2
RN0517H	44 30 37	114 51 24	1.50	2.00	10.0	>2.00	1,000	N	N	N	70	10,000	10
RN0518H	44 33 33	114 41 40	1.50	.50	5.0	2.00	500	N	N	N	20	1,000	2
RN0520H	44 30 28	114 39 23	5.00	5.00	2.0	2.00	2,000	N	N	N	20	1,000	5
RN0521H	44 30 48	114 39 40	.50	.50	1.5	1.50	200	N	N	N	N	200	N
RN0522H	44 30 9	114 40 41	2.00	.50	.5	2.00	500	N	N	N	N	200	<2
RN0523H	44 30 14	114 40 38	10.00	1.50	2.0	>2.00	2,000	N	N	N	<20	100	5
RN0524H	44 30 54	114 40 35	5.00	1.00	1.0	>2.00	1,500	N	N	N	<20	200	7
RN0525H	44 26 42	114 48 40	1.00	.20	2.0	>2.00	100	N	N	N	500	200	<2
RN0526H	44 27 45	114 48 13	1.00	.50	2.0	2.00	200	N	N	N	150	700	2
RN0527H	44 27 15	114 48 46	1.00	1.00	10.0	>2.00	1,500	20	N	N	100	700	2
RN0528H	44 27 12	114 48 37	1.50	.50	2.0	1.50	300	N	N	N	200	500	3
RN0529H	44 37 14	114 45 31	5.00	1.00	5.0	2.00	1,000	N	N	N	<20	500	2
RN0530H	44 37 13	114 45 35	1.00	.15	30.0	2.00	700	N	N	N	N	N	N
RN0531H	44 36 4	114 43 28	1.50	.20	2.0	2.00	300	N	N	N	30	300	<2

TABLE 4.--ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES--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
RN0482H	N	N	<10	N	N	700	N	100	N	N	N	N	N	500
RN0483H	N	N	20	200	N	150	N	N	50	N	N	70	N	N
RN0484H	N	N	N	N	N	300	N	100	10	N	N	N	N	<200
RN0485H	N	N	N	N	N	<50	N	70	<10	N	N	N	N	N
RN0486H	N	N	N	N	N	500	N	150	10	20	N	N	N	500
RN0487H	N	N	15	100	10	1,000	N	50	20	50	N	30	N	<200
RN0488H	N	N	N	N	<10	1,500	15	500	N	100	N	N	50	<200
RN0489H	N	N	<10	<20	N	500	50	500	N	300	N	N	70	N
RN0490H	N	N	20	20	15	500	20	500	<10	70	N	<10	50	N
RN0491H	N	N	10	N	30	1,500	15	700	10	200	N	N	N	N
RN0492H	N	N	20	50	<10	1,000	N	150	20	50	N	100	N	N
RN0493H	N	N	N	N	<10	200	N	150	30	20	N	20	N	N
RN0494H	N	N	70	150	30	700	500	70	20	1,500	N	50	N	500
RN0495H	N	N	20	20	10	700	10	200	10	100	N	N	20	500
RN0496H	N	N	N	N	N	1,500	N	N	20	N	N	20	N	N
RN0497H	N	N	N	100	N	500	<10	N	30	50	N	N	N	500
RN0498H	N	N	N	N	N	700	N	<50	30	20	N	<10	N	N
RN0499H	N	N	N	N	N	700	N	50	30	N	N	50	N	N
RN0500H	N	N	20	100	100	500	100	200	10	500	N	50	30	2,000
RN0501H	N	N	N	<20	N	200	N	50	20	N	N	30	N	N
RN0502H	N	N	N	200	N	700	N	50	20	N	N	30	N	N
RN0503H	N	N	N	N	N	2,000	20	70	20	N	N	50	200	N
RN0504H	N	N	50	20	10	700	N	100	10	100	N	50	300	N
RN0505H	N	N	N	N	N	150	N	N	20	70	N	50	>2,000	N
RN0506H	N	N	15	N	N	700	N	70	30	500	N	50	1,000	N
RN0507H	N	N	20	70	10	2,000	10	150	30	200	N	50	N	N
RN0512H	N	N	N	50	N	500	N	100	15	N	N	50	<20	N
RN0513H	N	N	N	30	15	200	N	200	10	70	N	50	N	N
RN0514H	N	N	100	50	100	200	15	100	20	200	N	<10	N	N
RN0515H	N	N	20	70	10	>2,000	20	150	30	100	N	50	N	N
RN0516H	N	N	N	N	N	1,000	N	50	30	100	N	N	70	N
RN0517H	N	N	10	20	N	700	10	300	10	20	N	N	300	N
RN0518H	N	N	10	N	10	500	N	70	15	100	N	N	N	500
RN0520H	N	N	50	200	N	>2,000	10	150	50	200	N	50	N	N
RN0521H	N	N	N	N	N	300	N	N	50	N	N	50	N	N
RN0522H	N	N	20	100	N	700	N	70	50	N	N	20	<20	N
RN0523H	N	N	50	100	10	>2,000	10	70	30	100	N	50	N	N
RN0524H	N	N	N	50	<10	2,000	N	150	30	200	N	<10	1,500	N
RN0525H	N	N	20	N	20	150	N	70	20	300	N	50	N	N
RN0526H	N	N	10	150	N	100	N	50	20	30	N	N	N	N
RN0527H	N	N	<10	150	N	500	50	500	<10	300	N	N	N	<200
RN0528H	30	N	<10	150	N	150	N	50	15	N	N	N	N	N
RN0529H	N	N	20	50	<10	2,000	N	50	15	30	N	50	N	<200
RN0530H	N	N	N	N	N	700	N	150	10	N	N	N	<20	500
RN0531H	N	N	<10	<20	N	200	N	N	20	N	N	50	N	N

TABLE 4.--ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES--Continued

Sample	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s
RN0482H	N	70	N	200	N	>2,000
RN0483H	N	150	N	500	N	>2,000
RN0484H	N	30	N	300	N	>2,000
RN0485H	N	50	N	70	N	>2,000
RN0486H	N	70	150	200	N	>2,000
RN0487H	N	150	N	500	N	>2,000
RN0488H	200	100	300	700	N	>2,000
RN0489H	700	150	100	500	N	>2,000
RN0490H	N	200	N	300	N	>2,000
RN0491H	N	70	150	300	N	>2,000
RN0492H	N	150	N	300	N	>2,000
RN0493H	<200	30	N	1,000	N	>2,000
RN0494H	N	200	N	300	N	>2,000
RN0495H	3,000	100	500	200	N	>2,000
RN0496H	200	20	N	1,000	N	>2,000
RN0497H	N	50	N	300	N	>2,000
RN0498H	<200	50	N	1,000	N	>2,000
RN0499H	<200	70	N	1,000	N	>2,000
RN0500H	N	150	200	200	N	>2,000
RN0501H	N	70	N	700	N	>2,000
RN0502H	<200	50	N	500	N	>2,000
RN0503H	200	50	N	1,000	N	>2,000
RN0504H	N	100	N	700	N	>2,000
RN0505H	<200	50	N	700	<500	>2,000
RN0506H	<200	70	N	700	N	>2,000
RN0507H	<200	70	N	700	N	>2,000
RN0512H	N	50	N	1,000	N	>2,000
RN0513H	N	50	N	500	N	>2,000
RN0514H	N	100	N	200	N	>2,000
RN0515H	200	50	N	1,500	N	>2,000
RN0516H	<200	50	N	1,000	N	>2,000
RN0517H	500	200	200	700	N	>2,000
RN0518H	N	50	N	300	N	>2,000
RN0520H	300	150	N	1,000	N	>2,000
RN0521H	N	100	N	500	N	>2,000
RN0522H	200	100	N	1,000	N	>2,000
RN0523H	<200	200	N	500	N	>2,000
RN0524H	<200	70	N	700	N	>2,000
RN0525H	N	70	100	500	N	>2,000
RN0526H	N	100	500	150	N	>2,000
RN0527H	N	200	300	500	N	>2,000
RN0528H	N	100	500	100	N	>2,000
RN0529H	<200	100	N	300	N	>2,000
RN0530H	N	100	N	300	N	>2,000
RN0531H	N	100	N	500	N	>2,000

TABLE 4.--ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES--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
RN0532H	44 36 32	114 41 24	.30	.05	1.0	>2.00	70	N	N	N	N	500	<2
RN0534H	44 36 48	114 41 47	.70	.10	3.0	>2.00	200	N	N	N	N	200	2
RN0535H	44 37 2	114 42 57	.70	.10	5.0	>2.00	200	N	N	N	<20	500	2
RN0536H	44 36 47	114 43 53	2.00	.50	1.5	2.00	300	7	N	N	20	500	2
RN0537H	44 36 44	114 43 58	5.00	10.00	7.0	2.00	1,000	10	N	N	N	200	N
RN0539H	44 39 15	114 41 50	.50	.10	5.0	>2.00	150	N	N	N	<20	500	<2
RN0540H	44 38 20	114 41 6	2.00	.20	3.0	>2.00	200	N	N	N	N	700	5
RN0541H	44 38 19	114 41 9	1.00	.10	3.0	>2.00	100	N	N	N	<20	700	3
RN0542H	44 38 25	114 41 3	3.00	2.00	5.0	>2.00	1,000	N	N	N	<20	700	5
RN0543H	44 38 34	114 41 31	3.00	.70	2.0	>2.00	500	N	N	N	20	300	3
RN0544H	44 41 4	114 42 44	7.00	.30	5.0	>2.00	700	N	N	N	<20	500	7
RN0545H	44 44 18	114 39 43	.20	.07	.5	1.50	100	N	N	N	100	200	<2
RN0546H	44 44 21	114 39 48	.30	.07	.5	1.50	100	N	N	N	<20	100	<2
RN0547H	44 43 50	114 40 28	.50	.20	.5	2.00	150	N	N	N	<20	150	<2
RN0550H	44 42 24	114 39 22	.70	.20	.5	1.50	200	N	N	N	N	700	200
RN0551H	44 42 23	114 39 18	.50	.50	.5	>2.00	200	N	N	N	30	300	2
RN0553H	44 39 41	114 34 0	1.00	.05	.5	>2.00	70	N	N	N	20	300	5
RN0554H	44 39 44	114 34 3	1.00	.05	.5	>2.00	100	N	N	N	20	200	7
RN0555H	44 39 4	114 35 13	1.50	.10	1.0	>2.00	100	N	N	N	<20	200	7
RN0556H	44 38 27	114 35 43	1.00	.20	.7	>2.00	150	N	N	N	<20	300	2
RN0558H	44 40 44	114 35 43	1.00	.30	2.0	>2.00	200	<1	N	N	20	1,000	5
RN0559H	44 40 46	114 35 47	1.50	.20	3.0	>2.00	200	<1	N	N	20	700	5
RN0560H	44 40 31	114 35 56	.30	.05	50.0	>2.00	100	N	N	N	<20	300	<2
RN0561H	44 40 26	114 36 56	1.50	.10	20.0	>2.00	200	N	N	N	N	200	3
RN0562H	44 40 24	114 36 52	1.00	.15	30.0	>2.00	70	N	N	N	N	200	3
RN0563H	44 39 27	114 37 13	1.00	.15	5.0	>2.00	200	N	N	N	20	500	5
RN0564H	44 38 23	114 36 51	1.00	.20	5.0	>2.00	200	N	N	N	N	500	2
RN0565H	44 33 33	114 34 2	1.50	.10	.2	1.50	300	N	N	N	N	200	N
RN0566H	44 33 49	114 35 36	.70	.07	.1	2.00	100	N	N	N	N	200	<2
RN0567H	44 32 22	114 35 41	10.00	.20	.5	2.00	1,500	N	N	N	30	<50	10
RN0569H	44 30 34	114 37 3	2.00	.50	.2	2.00	300	N	N	N	20	100	<2
RN0570H	44 30 34	114 37 6	7.00	2.00	1.0	>2.00	2,000	N	N	N	20	100	3
RN0571H	44 30 52	114 36 54	10.00	.30	.1	>2.00	2,000	N	N	N	50	N	10
RN0573H	44 31 57	114 36 47	7.00	.10	.1	>2.00	1,500	N	N	N	30	<50	7
RN0574H	44 31 56	114 36 47	1.50	.20	.1	1.50	500	N	N	N	20	100	7
RN0575H	44 32 0	114 36 28	.70	.50	.2	2.00	2,000	N	N	N	50	300	15
RN0576H	44 37 8	114 34 35	1.00	.15	5.0	>2.00	150	N	N	N	<20	500	2
RN0577H	44 37 34	114 34 58	1.50	.15	7.0	>2.00	200	N	N	N	N	200	3
RN0578H	44 37 32	114 35 0	1.00	.15	30.0	>2.00	100	N	N	N	N	<50	3
RN0579H	44 37 43	114 36 22	1.00	.20	2.0	>2.00	300	N	N	N	20	700	7
RN0580H	44 29 3	114 37 20	7.00	5.00	2.0	1.50	1,500	N	N	N	<20	700	N
RN0581H	44 29 8	114 37 11	2.00	3.00	2.0	.70	700	N	N	N	<20	100	<2
RN0582H	44 31 22	114 34 41	.20	N	<.1	1.00	70	N	N	N	N	70	<2
RN0583H	44 31 23	114 34 40	5.00	1.00	.5	>2.00	1,000	N	N	N	20	150	2
RN0584H	44 31 29	114 34 8	1.50	.20	<.1	2.00	700	N	N	N	N	150	2

TABLE 4.--ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES--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
RN0532H	N	N	N	N	<10	100	N	70	20	<20	N	50	700	N
RN0534H	N	N	N	N	N	200	N	150	15	N	N	70	N	N
RN0535H	N	N	N	N	N	300	N	50	20	N	N	50	N	N
RN0536H	N	N	N	50	N	700	N	50	20	20	N	70	70	N
RN0537H	150	N	50	200	N	2,000	N	100	30	20	N	70	30	300
RN0539H	N	N	N	N	N	200	N	100	20	N	N	50	N	N
RN0540H	N	N	<10	20	N	700	N	100	10	150	N	70	N	<200
RN0541H	N	N	10	<20	N	200	N	150	<10	100	N	70	N	<200
RN0542H	N	N	20	200	N	2,000	N	150	10	200	N	100	50	<200
RN0543H	N	N	15	20	10	1,000	100	150	30	300	N	50	N	N
RN0544H	N	N	10	20	20	1,000	70	300	<10	200	N	20	N	N
RN0545H	N	N	N	N	N	150	N	N	50	N	N	70	70	N
RN0546H	N	N	N	N	N	500	N	N	30	N	N	100	N	N
RN0547H	50	N	15	N	10	500	N	N	30	N	N	100	50	N
RN0550H	N	N	N	N	N	200	N	N	20	N	N	20	N	N
RN0551H	N	N	N	N	N	150	N	100	20	N	N	30	N	N
RN0553H	N	N	<10	N	N	150	N	100	20	N	N	50	N	N
RN0554H	N	N	N	N	<10	1,000	N	300	15	500	N	20	N	N
RN0555H	N	N	N	N	N	1,000	10	300	20	200	N	30	30	N
RN0556H	N	N	15	100	N	500	N	200	15	<20	N	200	N	N
RN0558H	N	N	N	N	50	1,000	N	200	20	100	N	70	150	N
RN0559H	N	N	N	20	N	700	N	200	10	200	N	100	N	N
RN0560H	N	N	<10	N	N	300	N	150	N	N	N	N	N	1,000
RN0561H	N	N	10	20	10	1,000	10	500	<10	150	N	N	N	<200
RN0562H	N	N	N	N	N	700	N	300	<10	100	N	N	N	<200
RN0563H	N	N	20	20	N	500	<10	300	N	200	N	20	N	N
RN0564H	N	N	20	20	N	1,000	N	100	<10	100	N	70	50	300
RN0565H	N	N	N	N	N	>2,000	N	N	30	N	N	50	N	N
RN0566H	N	N	N	N	N	>2,000	N	100	30	N	N	50	N	N
RN0567H	N	N	N	<20	20	>2,000	15	150	<10	150	N	<10	50	N
RN0569H	N	N	N	150	N	>2,000	N	150	20	N	N	N	200	N
RN0570H	N	N	20	200	10	>2,000	20	200	20	100	N	100	1,000	N
RN0571H	N	N	N	50	20	2,000	20	200	10	150	N	N	>2,000	N
RN0573H	N	N	<10	<20	N	1,000	<10	100	10	<20	N	N	1,000	N
RN0574H	N	N	N	N	N	1,500	N	50	20	N	200	N	>2,000	N
RN0575H	N	N	N	N	10	2,000	10	200	20	200	N	N	1,000	N
RN0576H	N	N	10	20	N	500	N	150	N	100	N	100	N	N
RN0577H	N	N	<10	N	<10	500	N	70	15	30	N	30	N	<200
RN0578H	N	N	<10	N	N	500	15	200	N	100	N	<10	N	700
RN0579H	N	N	N	20	<10	500	N	150	15	100	N	50	700	N
RN0580H	N	N	50	300	N	1,000	N	N	50	N	N	100	N	N
RN0581H	N	N	20	500	N	500	N	N	50	N	N	70	700	N
RN0582H	N	N	N	N	N	500	N	50	30	N	N	N	500	N
RN0583H	N	N	<10	100	<10	>2,000	N	150	20	50	N	50	>2,000	N
RN0584H	N	N	N	N	N	2,000	N	100	20	N	N	20	N	N

TABLE 4.--ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES--Continued

Sample	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s
RN0532H	N	50	N	300	N	>2,000
RN0534H	N	70	N	300	N	>2,000
RN0535H	N	50	N	500	N	>2,000
RN0536H	<200	100	N	500	N	>2,000
RN0537H	<200	150	N	200	N	>2,000
RN0539H	N	30	N	500	N	>2,000
RN0540H	N	100	N	500	N	>2,000
RN0541H	N	100	N	500	N	>2,000
RN0542H	N	200	N	300	N	>2,000
RN0543H	N	70	N	500	N	>2,000
RN0544H	N	100	N	500	N	>2,000
RN0545H	N	70	N	700	N	>2,000
RN0546H	<200	70	N	700	N	>2,000
RN0547H	<200	70	N	700	N	>2,000
RN0550H	N	50	N	500	N	>2,000
RN0551H	200	50	N	500	N	>2,000
RN0553H	200	70	N	1,500	N	>2,000
RN0554H	500	30	N	2,000	N	>2,000
RN0555H	200	30	N	1,500	N	>2,000
RN0556H	N	150	N	200	N	>2,000
RN0558H	<200	50	N	500	N	>2,000
RN0559H	N	70	N	500	N	>2,000
RN0560H	N	<20	N	500	N	>2,000
RN0561H	N	70	N	300	N	>2,000
RN0562H	N	50	N	500	N	>2,000
RN0563H	N	50	N	300	N	>2,000
RN0564H	N	100	N	200	N	>2,000
RN0565H	<200	20	N	1,000	N	>2,000
RN0566H	500	20	N	1,000	N	>2,000
RN0567H	500	50	N	2,000	N	>2,000
RN0569H	500	50	N	700	N	>2,000
RN0570H	500	70	N	500	N	>2,000
RN0571H	200	50	N	1,000	N	>2,000
RN0573H	<200	20	N	1,000	N	>2,000
RN0574H	300	20	N	1,000	N	>2,000
RN0575H	700	70	N	2,000	N	>2,000
RN0576H	N	100	100	300	N	>2,000
RN0577H	N	100	N	500	N	>2,000
RN0578H	N	50	<100	200	N	>2,000
RN0579H	N	70	N	700	N	>2,000
RN0580H	N	200	N	200	N	>2,000
RN0581H	200	100	N	1,000	N	>2,000
RN0582H	300	30	N	1,500	N	>2,000
RN0583H	500	70	N	2,000	N	>2,000
RN0584H	500	20	N	2,000	N	>2,000

TABLE 4.--ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES--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
RN0585H	44 31 20	114 33 38	1.50	.15	<.1	2.00	500	N	N	N	N	150	3
RN0586H	44 32 36	114 30 27	3.00	.05	<.1	.10	300	N	N	N	N	150	2
RN0587H	44 32 13	114 48 12	1.00	.20	15.0	>2.00	700	N	N	N	N	<50	N
RN0588H	44 32 13	114 48 11	1.00	.20	20.0	>2.00	700	N	N	N	N	<50	N
RN0589H	44 32 31	114 48 29	.70	.50	20.0	2.00	1,000	N	N	N	100	100	N
RN0590H	44 32 34	114 49 28	1.00	.20	15.0	>2.00	700	N	N	N	N	N	N
RN0591H	44 36 9	114 48 26	1.50	.30	20.0	>2.00	700	N	N	N	20	200	2
RN0592H	44 35 48	114 48 52	.50	.15	30.0	2.00	500	N	N	N	N	N	N
RN0593H	44 35 41	114 49 9	1.50	.70	20.0	2.00	500	N	N	N	70	100	N
RN0594H	44 35 14	114 49 22	3.00	1.50	20.0	2.00	700	N	N	N	50	<50	N
RN0595H	44 35 9	114 54 7	1.00	.15	7.0	>2.00	500	20	N	50	70	500	2
RN0596H	44 35 52	114 52 58	7.00	.30	5.0	>2.00	200	N	N	N	50	3,000	N
RN0597H	44 35 22	114 52 18	1.00	.20	.5	.70	200	N	N	N	100	200	<2
RN0598H	44 34 24	114 51 26	5.00	.50	5.0	2.00	200	20	N	N	200	200	<2
RN0599H	44 34 19	114 51 25	2.00	5.00	5.0	2.00	200	N	N	N	200	700	<2
RN0600H	44 35 12	115 4 6	.20	.05	20.0	2.00	700	N	N	N	N	70	N
RN0601H	44 34 30	115 4 14	1.00	5.00	20.0	2.00	500	N	N	N	150	70	N
RN0602H	44 33 30	115 4 7	.50	.50	20.0	>2.00	500	N	N	N	N	70	N
RN0603H	44 33 38	115 1 0	.30	.15	30.0	2.00	1,000	100	N	100	70	<50	N
RN0604H	44 33 36	115 1 8	2.00	.50	7.0	>2.00	200	100	N	300	50	200	<2
RN0605H	44 33 7	115 1 5	1.50	.50	10.0	>2.00	300	50	700	100	70	200	<2
RN0606H	44 32 44	115 1 28	1.50	1.00	7.0	>2.00	300	N	N	N	70	500	<2
RN0607H	44 32 33	115 1 58	1.00	.30	10.0	>2.00	200	70	N	100	70	300	<2
RN0608H	44 32 2	115 6 11	1.00	2.00	10.0	>2.00	1,000	N	N	N	20	100	2
RN0609H	44 32 8	115 4 27	1.00	1.00	10.0	>2.00	700	N	N	N	30	150	<2
RN0610H	44 33 43	115 5 41	1.00	.50	20.0	>2.00	700	N	N	N	70	300	<2
RN0611H	44 29 29	115 5 9	1.00	.15	20.0	>2.00	700	20	N	50	N	N	N
RN0612H	44 29 25	115 5 4	2.00	.30	10.0	>2.00	700	N	N	N	20	200	3
RN0613H	44 29 58	115 4 17	1.50	.20	15.0	>2.00	700	N	N	N	<20	<50	N
RN0614H	44 30 59	115 3 56	1.00	.10	15.0	>2.00	700	N	N	N	N	N	N

TABLE 4.--ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES--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
RN0585H	N	N	N	N	N	2,000	N	100	20	N	N	20	<20	N
RN0586H	N	N	N	N	N	1,500	N	50	15	N	N	N	N	N
RN0587H	N	N	10	20	N	700	20	500	N	N	N	N	100	N
RN0588H	N	N	10	<20	N	700	20	300	N	N	N	N	70	<200
RN0589H	<20	N	10	20	N	300	N	200	<10	N	N	N	<20	500
RN0590H	N	N	10	20	N	700	20	500	N	N	N	N	70	N
RN0591H	N	N	10	N	N	700	20	200	<10	150	N	N	<20	500
RN0592H	N	N	10	N	N	700	N	100	N	N	N	N	N	500
RN0593H	N	N	10	<20	N	1,000	N	200	<10	20	N	N	N	500
RN0594H	N	N	20	50	20	1,500	N	100	10	<20	N	N	N	500
RN0595H	N	N	10	30	N	500	10	200	<10	N	N	N	<20	N
RN0596H	30	50	150	70	50	300	1,000	100	100	2,000	N	N	<20	<200
RN0597H	N	N	<10	100	N	100	10	N	<10	500	N	N	N	N
RN0598H	200	N	100	100	5,000	700	30	300	50	700	N	N	300	N
RN0599H	500	N	15	100	10	700	N	100	20	700	N	N	N	N
RN0600H	N	N	N	N	N	700	10	150	15	100	N	<10	N	500
RN0601H	N	N	<10	N	N	300	<10	100	<10	100	N	N	N	N
RN0602H	N	N	<10	<20	N	500	N	200	N	N	N	N	<20	<200
RN0603H	500	N	N	N	N	700	N	150	<10	100	N	N	N	<200
RN0604H	N	N	30	100	20	>2,000	30	200	N	2,000	N	100	N	N
RN0605H	N	N	20	50	10	>2,000	N	200	N	500	N	<10	N	N
RN0606H	N	N	10	20	N	2,000	N	200	N	200	N	<10	30	<200
RN0607H	N	N	10	<20	N	>2,000	N	150	N	20	N	20	N	<200
RN0608H	N	N	10	20	<10	500	<10	300	N	50	N	N	50	N
RN0609H	N	N	10	20	N	500	15	200	<10	N	N	N	150	N
RN0610H	N	N	10	N	N	2,000	<10	300	N	30	N	N	N	500
RN0611H	N	N	10	<20	N	1,000	15	300	N	N	N	N	70	<200
RN0612H	N	N	20	20	N	1,000	70	500	N	500	N	N	70	<200
RN0613H	N	N	20	20	N	700	30	300	N	N	N	N	70	N
RN0614H	N	N	10	<20	N	500	10	200	N	N	N	N	70	N

TABLE 4.--ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES--Continued

Sample	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s
RN0585H	500	30	N	2,000	N	>2,000
RN0586H	<200	20	N	500	N	>2,000
RN0587H	N	200	100	500	N	>2,000
RN0588H	200	200	200	500	N	>2,000
RN0589H	N	70	100	200	N	>2,000
RN0590H	N	200	N	500	N	>2,000
RN0591H	<200	100	N	300	N	>2,000
RN0592H	N	100	N	200	N	>2,000
RN0593H	N	100	100	200	N	>2,000
RN0594H	500	150	N	300	N	>2,000
RN0595H	N	150	200	300	N	>2,000
RN0596H	N	100	100	300	N	>2,000
RN0597H	N	70	700	70	N	2,000
RN0598H	200	100	500	200	N	>2,000
RN0599H	N	100	500	150	N	>2,000
RN0600H	N	100	100	700	N	>2,000
RN0601H	<200	150	500	300	N	>2,000
RN0602H	N	150	N	500	N	>2,000
RN0603H	N	100	200	700	N	>2,000
RN0604H	2,000	100	N	500	N	>2,000
RN0605H	1,000	100	N	500	N	>2,000
RN0606H	300	150	100	300	N	>2,000
RN0607H	500	100	<100	500	N	>2,000
RN0608H	N	150	N	500	N	>2,000
RN0609H	300	150	<100	500	N	>2,000
RN0610H	200	100	150	700	N	2,000
RN0611H	300	100	100	500	N	>2,000
RN0612H	200	200	100	300	N	>2,000
RN0613H	700	300	100	500	N	2,000
RN0614H	200	150	150	500	N	>2,000

TABLE 5.--ANALYSES OF GOLD IN RAW PANNED-CONCENTRATE SAMPLES

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

Sample	Latitude	Longitude	Au-ppm aa	Weight
RN0001G	44 27 38	115 18 34	4.90	17.94
RN0002G	44 27 4	115 18 21	<.05	23.58
RN0003G	44 24 47	115 12 13	.40	14.57
RN0004G	44 25 17	115 11 27	.35	14.24
RN0005G	44 25 45	115 11 32	<.05	14.37
RN0006G	44 29 28	115 33 2	N	16.04
RN0007G	44 29 36	115 33 2	1.70	18.87
RN0008G	44 29 15	115 34 26	N	16.92
RN0009G	44 27 16	115 34 3	N	18.61
RN0010G	44 26 3	115 32 56	N	21.22
RN0011G	44 25 30	115 31 0	N	24.90
RN0012G	44 25 33	115 30 54	N	16.74
RN0013G	44 25 13	115 28 53	N	21.46
RN0014G	44 28 11	115 25 56	N	17.62
RN0015G	44 28 17	115 26 11	N	14.80
RN0016G	44 27 37	115 24 37	N	16.73
RN0017G	44 27 59	115 25 32	N	22.48
RN0018G	44 29 23	115 24 41	N	13.54
RN0019G	44 29 39	115 24 30	N	17.12
RN0020G	44 29 16	115 22 43	N	18.63
RN0021G	44 29 34	115 23 55	.05	13.77
RN0022G	44 29 36	115 23 47	N	19.88
RN0023G	44 30 46	115 19 30	.05	23.48
RN0024G	44 30 52	115 19 32	1.10	8.17
RN0025G	44 32 16	115 19 56	N	13.32
RN0026G	44 31 53	115 22 55	N	22.95
RN0027G	44 31 59	115 24 22	N	13.00
RN0028G	44 31 55	115 24 20	3.30	15.66
RN0029G	44 32 51	115 24 20	N	11.33
RN0030G	44 32 55	115 26 54	N	11.52
RN0031G	44 30 9	115 26 35	.25	29.41
RN0032G	44 30 27	115 28 25	1.50	14.33
RN0033G	44 31 16	115 27 58	N	12.11
RN0034G	44 31 44	115 30 53	N	11.40
RN0035G	44 31 44	115 31 8	.20	13.47
RN0036G	44 33 46	115 30 44	N	10.60
RN0037G	44 32 36	115 28 37	12.00	14.81
RN0038G	44 37 24	115 25 57	.40	10.52
RN0039G	44 37 28	115 25 52	N	21.63
RN0040G	44 35 57	115 21 2	N	8.41
RN0041G	44 36 2	115 21 3	.55	12.66
RN0043G	44 37 16	115 17 31	3.80	8.76
RN0044G	44 37 58	115 23 14	N	17.66
RN0045G	44 42 29	115 17 53	6.70	13.35
RN0046G	44 41 36	115 13 45	2.30	14.42
RN0047G	44 41 7	115 15 25	N	13.03
RN0048G	44 40 56	115 15 58	6.30	14.81
RN0049G	44 40 57	115 16 1	2.30	22.59
RN0050G	44 26 43	115 12 53	N	21.69
RN0051G	44 26 0	115 12 9	N	17.80
RN0052G	44 26 30	115 12 47	N	20.59
RN0053G	44 26 43	115 11 8	N	11.94
RN0054G	44 25 21	115 9 9	N	19.58
RN0055G	44 25 22	115 9 13	N	24.18
RN0056G	44 24 37	115 11 6	<.05	14.84
RN0057G	44 28 4	115 6 11	.10	24.32
RN0058G	44 28 29	115 5 40	<.05	19.61
RN0059G	44 28 58	115 5 21	.05	17.96
RN0060G	44 25 29	115 7 42	<.05	14.94
RN0061G	44 25 50	115 16 13	N	17.34
RN0062G	44 25 55	115 15 40	.60	24.57
RN0063G	44 26 13	115 15 2	N	9.96
RN0065G	44 27 36	115 13 49	N	15.68
RN0067G	44 29 1	115 13 43	N	15.57
RN0068G	44 29 56	115 14 24	<.05	22.64
RN0069G	44 30 21	115 9 58	.50	21.80
RN0070G	44 30 19	115 9 55	N	19.02
RN0071G	44 30 5	115 10 8	N	17.72
RN0072G	44 38 27	115 5 32	5.20	16.48
RN0073G	44 37 40	115 3 4	N	21.36
RN0074G	44 34 55	115 2 45	N	18.96
RN0075G	44 34 59	115 2 44	7.30	17.89
RN0076G	44 33 22	115 3 40	.50	8.29
RN0077G	44 34 18	114 59 4	3.50	7.18
RN0078G	44 28 31	114 58 24	.10	10.17
RN0079G	44 28 31	114 58 37	N	9.77
RN0080G	44 28 28	114 58 49	.55	10.47
RN0081G	44 27 48	114 59 0	.25	8.09
RN0082G	44 27 42	114 59 21	.20	9.67
RN0083G	44 27 12	114 58 13	.20	8.10
RN0084G	44 27 9	114 58 11	N	7.87
RN0085G	44 26 38	114 59 46	N	9.99
RN0086G	44 29 34	114 57 39	N	10.01
RN0087G	44 29 31	114 57 41	N	12.20
RN0088G	44 29 41	114 58 43	N	9.69
RN0089G	44 29 4	114 59 45	3.50	7.18
RN0090G	44 27 12	114 55 1	N	9.58
RN0091G	44 27 10	114 55 3	N	7.46
RN0092G	44 27 51	114 55 42	N	10.23
RN0093G	44 27 48	114 55 41	12.00	9.61

TABLE 5.--ANALYSES OF GOLD IN RAW PANNED-CONCENTRATE SAMPLES--Continued

Sample	Latitude	Longitude	Au-ppm aa	Weight
RN0094G	44 28 5	114 55 21	N	13.90
RN0095G	44 28 13	114 55 23	N	12.27
RN0096G	44 28 32	114 55 3	N	9.48
RN0098G	44 29 16	114 54 54	N	12.18
RN0100G	44 30 23	114 53 23	N	10.05
RN0101G	44 30 47	114 52 38	N	9.44
RN0102G	44 30 14	114 55 23	N	11.13
RN0103G	44 30 16	114 55 21	.40	12.67
RN0104G	44 32 12	114 55 56	28.00	10.57
RN0105G	44 30 53	114 59 15	N	11.64
RN0106G	44 31 16	114 59 14	N	7.41
RN0107G	44 31 25	114 59 22	N	5.24
RN0108G	44 32 22	114 59 0	N	7.18
RN0109G	44 33 43	114 57 37	1.50	5.72
RN0110G	44 33 39	114 57 36	8.80	6.45
RN0111G	44 33 28	114 57 53	5.80	5.75
RN0112G	44 33 17	114 58 26	N	4.60
RN0113G	44 32 58	114 59 50	N	6.81
RN0114G	44 32 7	114 54 26	N	4.91
RN0115G	44 32 8	114 53 16	N	5.62
RN0116G	44 32 21	114 52 37	.30	4.91
RN0117G	44 34 10	115 17 56	N	5.86
RN0118G	44 34 53	115 18 18	<.08	6.26
RN0119G	44 35 42	115 17 19	N	4.95
RN0120G	44 35 43	115 17 39	N	7.87
RN0124G	44 37 8	115 13 38	22.00	6.36
RN0128G	44 38 34	115 10 51	4.10	5.33
RN0130G	44 38 48	115 9 46	N	5.76
RN0131G	44 38 44	115 9 51	8.20	4.25
RN0132G	44 39 5	115 10 2	.45	5.50
RN0133G	44 38 16	114 55 43	N	7.90
RN0134G	44 38 32	114 55 14	N	13.76
RN0135G	44 37 17	114 54 23	N	7.53
RN0136G	44 37 16	114 54 22	<.05	7.57
RN0137G	44 37 53	114 54 0	.30	3.08
RN0138G	44 37 52	114 54 4	N	8.78
RN0139G	44 38 27	114 54 7	.60	5.96
RN0140G	44 38 23	114 53 58	.15	7.34
RN0141G	44 39 23	114 47 30	N	5.76
RN0142G	44 39 18	114 47 49	N	4.87
RN0143G	44 39 16	114 47 51	28.00	8.98
RN0144G	44 29 8	114 51 17	N	5.81
RN0145G	44 27 29	114 51 2	.20	4.96
RN0146G	44 27 33	114 51 9	.25	8.19
RN0147G	44 28 41	114 50 35	N	6.54
RN0148G	44 28 38	114 50 41	N	7.03
RN0149G	44 38 55	115 9 59	340.00	8.78
RN0150G	44 39 47	114 47 8	.20	4.54
RN0151G	44 39 56	114 47 12	.10	6.50
RN0153G	44 40 12	114 49 8	.10	6.45
RN0156G	44 34 59	114 45 53	<.08	6.05
RN0157G	44 34 50	114 45 53	N	4.58
RN0158G	44 35 32	114 45 55	.10	3.82
RN0160G	44 35 1	114 48 48	N	4.98
RN0161G	44 32 53	114 54 15	<.07	7.01
RN0162G	44 32 54	114 54 13	9.30	5.25
RN0163G	44 32 18	114 52 57	N	6.55
RN0164G	44 34 2	114 52 58	.15	6.45
RN0165G	44 34 6	114 52 59	4.20	8.07
RN0166G	44 33 2	114 51 36	N	6.20
RN0167G	44 33 7	114 51 33	4.90	5.73
RN0168G	44 31 38	114 51 16	N	3.41
RN0170G	44 31 38	114 40 10	N	4.81
RN0171G	44 31 36	114 40 21	N	5.31
RN0172G	44 32 13	114 40 22	N	4.19
RN0173G	44 32 22	114 40 38	N	5.07
RN0174G	44 32 44	114 40 58	<.06	4.93
RN0175G	44 33 2	114 40 57	.10	5.79
RN0176G	44 33 18	114 41 8	<.15	3.34
RN0177G	44 29 33	114 49 20	N	6.93
RN0178G	44 29 34	114 49 30	N	6.83
RN0179G	44 30 4	114 49 44	N	5.75
RN0180G	44 30 33	114 50 2	N	6.05
RN0181G	44 30 38	114 51 24	.80	5.08
RN0182G	44 29 11	114 50 53	N	5.77
RN0183G	44 27 29	114 44 52	N	3.84
RN0184G	44 28 33	114 43 47	<.11	4.72
RN0185G	44 29 49	114 43 58	.40	4.81
RN0186G	44 30 6	114 44 12	.40	5.17
RN0187G	44 30 12	114 44 24	<.05	9.48
RN0188G	44 31 37	114 41 37	N	3.22
RN0189G	44 31 38	114 41 37	N	5.69
RN0190G	44 31 52	114 41 16	.95	3.69
RN0191G	44 32 18	114 43 34	N	7.74
RN0192G	44 32 17	114 43 39	N	6.17
RN0193G	44 30 25	114 38 22	<.14	3.56
RN0194G	44 30 59	114 38 57	N	4.13
RN0195G	44 30 56	114 39 2	<.13	3.80
RN0196G	44 31 11	114 39 22	N	4.29
RN0197G	44 39 7	114 37 43	N	3.99

TABLE 5.--ANALYSES OF GOLD IN RAW PANNED-CONCENTRATE SAMPLES--Continued

Sample	Latitude	Longitude	Au-ppm aa	Weight
RN0198G	44 39 27	114 39 5	N	4.09
RN0201G	44 39 32	114 40 57	N	3.94
RN0202G	44 33 14	114 38 39	N	3.46
RN0203G	44 33 17	114 38 30	N	6.66
RN0204G	44 33 26	114 38 27	N	4.20
RN0205G	44 32 58	114 38 44	N	2.35
RN0206G	44 33 43	114 37 55	N	3.73
RN0207G	44 33 39	114 37 40	N	5.41
RN0208G	44 34 42	114 38 59	N	4.65
RN0209G	44 34 38	114 38 58	N	3.13
RN0213G	44 35 28	114 36 36	N	6.10
RN0214G	44 34 28	114 39 56	N	3.14
RN0215G	44 34 31	114 41 48	N	3.56
RN0217G	44 35 11	114 37 38	N	7.57
RN0218G	44 35 8	114 37 37	N	4.35
RN0219G	44 34 22	114 42 16	N	4.25
RN0220G	44 33 59	114 42 28	.30	3.18
RN0221G	44 36 18	114 41 4	2.45	3.67
RN0222G	44 36 20	114 40 55	N	3.95
RN0223G	44 36 12	114 38 38	<.20	2.54
RN0224G	44 36 13	114 38 39	N	5.88
RN0225G	44 36 25	114 38 7	N	6.06
RN0226G	44 36 34	114 36 52	N	7.68
RN0227G	44 37 6	114 39 10	N	3.99
RN0228G	44 37 7	114 39 14	N	4.54
RN0229G	44 37 23	114 38 46	N	3.01
RN0230G	44 37 58	114 38 55	N	4.30
RN0231G	44 41 1	114 38 28	N	3.77
RN0232G	44 41 22	114 38 5	N	5.01
RN0233G	44 41 44	114 37 21	N	4.34
RN0235G	44 41 55	114 36 42	N	3.16
RN0236G	44 42 3	114 35 52	N	4.55
RN0237G	44 42 6	114 35 53	N	2.34
RN0238G	44 44 33	114 42 34	N	6.76
RN0239G	44 44 31	114 42 33	22.00	3.34
RN0240G	44 44 23	114 42 33	N	3.66
RN0242G	44 42 23	114 40 49	N	2.74
RN0243G	44 42 22	114 40 47	N	4.66
RN0244G	44 42 54	114 42 55	50.00	3.99
RN0245G	44 41 34	114 44 58	3.90	5.18
RN0246G	44 40 28	114 44 21	N	3.63
RN0247G	44 41 24	114 42 30	N	4.60
RN0248G	44 40 10	114 40 13	5.00	2.42
RN0250G	44 38 19	114 36 22	N	5.02
RN0251G	44 37 21	114 32 50	N	6.84
RN0252G	44 37 22	114 32 46	N	3.28
RN0253G	44 37 43	114 32 49	N	4.06
RN0254G	44 38 1	114 33 1	N	4.58
RN0255G	44 38 16	114 33 52	N	4.68
RN0256G	44 38 14	114 33 51	N	3.21
RN0258G	44 36 26	114 35 47	N	4.05
RN0259G	44 34 4	114 32 12	N	4.16
RN0260G	44 33 59	114 32 22	.10	5.21
RN0261G	44 34 0	114 32 27	.10	5.21
RN0262G	44 34 6	114 32 34	N	3.76
RN0263G	44 34 32	114 32 37	N	4.56
RN0264G	44 36 7	114 33 45	N	5.52
RN0265G	44 36 3	114 33 44	2.40	5.94
RN0267G	44 35 59	114 30 42	N	5.86
RN0268G	44 35 58	114 30 43	N	6.21
RN0269G	44 36 31	114 30 29	N	3.67
RN0270G	44 36 30	114 30 28	N	5.26
RN0271G	44 34 30	114 31 17	N	3.90
RN0272G	44 35 58	114 31 32	N	5.24
RN0273G	44 33 26	114 32 42	N	5.48
RN0274G	44 34 47	114 34 33	.10	5.55
RN0275G	44 35 1	114 34 25	N	4.74
RN0276G	44 35 16	114 34 41	1.50	4.40
RN0278G	44 30 8	114 35 56	N	3.87
RN0279G	44 30 7	114 35 53	N	6.50
RN0280G	44 31 53	114 31 24	N	5.90
RN0281G	44 34 59	114 24 54	N	5.69
RN0282G	44 34 59	114 25 9	N	5.69
RN0283G	44 30 18	114 45 14	3.60	5.58
RN0284G	44 31 2	114 46 30	N	7.71
RN0285G	44 32 28	114 50 9	.15	5.96
RN0286G	44 37 12	114 51 32	N	8.20
RN0287G	44 37 12	114 51 29	N	5.79
RN0288G	44 37 13	114 51 11	N	4.84
RN0289G	44 36 48	114 51 33	N	5.50
RN0290G	44 36 53	114 51 1	N	4.00
RN0291G	44 35 58	114 51 13	2.00	4.78
RN0292G	44 35 14	114 50 3	N	7.59
RN0293G	44 33 34	114 50 44	N	8.56
RN0294G	44 33 48	114 50 44	.40	6.71
RN0295G	44 34 52	114 49 56	N	5.78
RN0296G	44 34 11	115 8 0	5.20	5.35
RN0297G	44 34 15	115 8 2	.55	8.09
RN0298G	44 33 27	115 6 58	N	6.45
RN0299G	44 33 29	115 7 4	.95	6.41

TABLE 5.--ANALYSES OF GOLD IN RAW PANNED-CONCENTRATE SAMPLES--Continued

Sample	Latitude	Longitude	Au-ppm aa	Weight
RN0300G	44 27 33	115 19 37	<.05	15.24
RN0301G	44 27 52	115 20 8	.25	15.49
RN0302G	44 27 54	115 20 14	1.40	13.67
RN0303G	44 27 49	115 21 30	.10	11.34
RN0304G	44 27 45	115 21 32	N	11.58
RN0306G	44 28 46	115 19 11	N	13.74
RN0307G	44 28 46	115 18 37	.80	14.18
RN0308G	44 28 48	115 18 37	.05	7.81
RN0309G	44 29 32	115 18 57	1.00	15.08
RN0310G	44 25 4	115 17 20	N	13.58
RN0311G	44 29 9	115 29 51	N	9.04
RN0312G	44 29 8	115 29 52	N	12.04
RN0313G	44 29 28	115 29 21	N	9.00
RN0314G	44 29 33	115 28 43	<.05	9.15
RN0315G	44 28 18	115 28 22	N	6.69
RN0316G	44 28 41	115 28 18	N	8.03
RN0317G	44 27 35	115 28 55	<.10	5.15
RN0318G	44 27 43	115 30 42	N	13.27
RN0319G	44 27 42	115 30 47	.65	14.03
RN0320G	44 25 50	115 17 11	N	5.97
RN0322G	44 26 6	115 27 57	N	10.32
RN0323G	44 25 21	115 26 47	.80	13.32
RN0324G	44 25 46	115 26 6	N	11.62
RN0325G	44 26 25	115 25 5	N	11.72
RN0326G	44 26 28	115 25 9	N	9.49
RN0327G	44 25 6	115 23 28	<.06	9.07
RN0328G	44 26 57	115 26 16	<.05	10.54
RN0329G	44 26 4	115 24 14	N	9.40
RN0330G	44 26 23	115 23 3	.30	20.11
RN0331G	44 25 24	115 22 2	N	14.30
RN0332G	44 26 34	115 20 41	1.40	17.20
RN0333G	44 26 21	115 17 55	N	15.82
RN0335G	44 26 49	115 16 32	N	14.41
RN0338G	44 27 52	115 15 28	N	8.39
RN0339G	44 27 54	115 15 28	N	21.06
RN0340G	44 29 31	115 17 45	.60	13.10
RN0341G	44 29 30	115 17 42	.10	13.56
RN0342G	44 36 18	115 29 54	.10	9.33
RN0343G	44 36 30	115 29 50	N	10.87
RN0344G	44 35 15	115 29 52	N	8.99
RN0345G	44 35 19	115 30 10	N	11.84
RN0346G	44 37 0	115 27 46	N	12.69
RN0347G	44 34 52	115 27 47	N	11.98
RN0348G	44 34 47	115 27 42	N	12.70
RN0349G	44 33 59	115 27 32	N	10.02
RN0350G	44 33 50	115 27 26	N	9.64
RN0351G	44 33 42	115 27 3	2.30	11.17
RN0352G	44 33 38	115 19 15	N	13.74
RN0353G	44 32 58	115 20 10	1.20	14.56
RN0354G	44 32 23	115 22 22	.20	12.65
RN0355G	44 33 59	115 25 8	2.00	12.29
RN0356G	44 34 0	115 25 0	2.70	16.47
RN0357G	44 33 39	115 24 24	.10	11.92
RN0358G	44 33 14	115 24 5	N	12.56
RN0359G	44 39 37	115 22 17	N	8.14
RN0360G	44 41 23	115 19 12	2.00	3.76
RN0361G	44 40 44	115 20 6	N	3.97
RN0362G	44 40 45	115 19 50	65.00	3.81
RN0363G	44 36 33	115 9 37	.25	3.72
RN0364G	44 36 32	115 9 31	43.00	3.72
RN0365G	44 37 31	115 9 12	N	3.30
RN0367G	44 28 8	115 10 32	.20	5.51
RN0368G	44 28 7	115 10 29	N	3.88
RN0369G	44 28 32	115 10 24	N	6.09
RN0370G	44 28 57	115 10 27	N	3.83
RN0371G	44 29 44	115 11 14	N	3.97
RN0372G	44 29 53	115 11 42	2.90	4.16
RN0373G	44 30 10	115 0 0	.10	6.25
RN0374G	44 29 49	115 0 26	.05	7.68
RN0375G	44 28 46	115 0 45	N	7.15
RN0376G	44 28 53	115 0 47	1.70	6.52
RN0377G	44 28 33	115 1 15	N	7.28
RN0378G	44 27 51	115 1 35	1.80	6.23
RN0379G	44 26 33	115 2 38	N	7.22
RN0380G	44 26 48	115 6 45	N	13.12
RN0381G	44 27 48	115 7 2	N	11.80
RN0382G	44 27 47	115 7 4	N	7.50
RN0383G	44 26 39	115 5 26	N	12.91
RN0384G	44 26 29	115 5 14	N	13.12
RN0385G	44 27 14	115 4 54	N	12.14
RN0386G	44 27 13	115 4 53	N	11.54
RN0387G	44 26 3	115 2 48	N	12.31
RN0388G	44 32 58	115 16 53	N	11.34
RN0389G	44 32 59	115 16 57	N	10.31
RN0390G	44 34 59	115 13 28	N	15.20
RN0391G	44 35 57	115 12 16	N	11.38
RN0392G	44 32 18	115 11 28	N	13.18
RN0393G	44 32 20	115 11 30	N	14.84
RN0394G	44 34 42	115 7 40	N	13.04
RN0395G	44 36 30	115 4 3	N	10.02

TABLE 5.--ANALYSES OF GOLD IN RAW PANNED-CONCENTRATE SAMPLES--Continued

Sample	Latitude	Longitude	Au-ppm aa	Weight
RN0396G	44 35 35	115 4 28	N	8.26
RN0397G	44 32 23	115 9 27	N	14.50
RN0398G	44 32 22	115 9 17	N	18.72
RN0400G	44 31 0	115 7 14	N	16.23
RN0401G	44 31 45	115 7 53	36.00	10.03
RN0402G	44 23 37	115 12 53	N	15.28
RN0403G	44 30 16	115 6 11	.05	15.51
RN0404G	44 25 21	115 7 12	N	13.80
RN0405G	44 26 14	115 4 9	N	15.89
RN0407G	44 25 36	114 57 8	N	12.49
RN0408G	44 25 33	114 57 38	N	5.21
RN0409G	44 25 29	114 57 28	N	4.80
RN0410G	44 25 25	114 58 10	.40	8.89
RN0411G	44 25 8	114 59 6	N	6.45
RN0412G	44 24 24	114 56 40	<.11	4.47
RN0413G	44 24 3	114 52 55	N	4.88
RN0414G	44 24 2	114 54 23	<.09	5.44
RN0415G	44 25 30	114 55 54	N	4.96
RN0416G	44 26 57	114 52 54	N	5.34
RN0417G	44 27 33	114 52 35	N	3.85
RN0418G	44 27 34	114 52 37	N	4.33
RN0421G	44 25 38	114 52 34	N	3.96
RN0422G	44 25 16	114 51 45	N	3.86
RN0423G	44 25 18	114 51 48	N	3.58
RN0424G	44 25 41	114 52 17	.20	5.59
RN0425G	44 31 3	114 56 58	N	6.74
RN0426G	44 31 0	114 56 53	N	5.77
RN0428G	44 32 15	114 56 40	.85	5.42
RN0429G	44 32 16	114 56 47	N	5.08
RN0430G	44 32 14	114 54 59	<.09	5.65
RN0432G	44 35 30	114 56 15	.30	4.70
RN0433G	44 35 32	114 56 14	N	5.38
RN0434G	44 35 35	114 57 8	N	5.87
RN0435G	44 35 42	114 57 33	N	4.80
RN0436G	44 35 38	114 57 55	N	6.84
RN0437G	44 35 33	114 57 47	1.00	5.56
RN0438G	44 35 29	114 58 20	<.06	8.17
RN0439G	44 35 16	114 58 37	<.08	6.36
RN0440G	44 34 48	114 59 8	.30	6.35
RN0441G	44 34 50	114 59 7	N	8.59
RN0442G	44 34 11	114 59 15	8.60	6.74
RN0445G	44 37 24	114 58 57	N	5.98
RN0446G	44 37 21	114 59 0	N	14.60
RN0447G	44 37 44	114 57 56	N	6.54
RN0448G	44 37 42	114 57 54	.15	7.20
RN0449G	44 38 0	114 57 0	N	3.60
RN0450G	44 38 1	114 56 54	1.20	7.09
RN0451G	44 38 56	114 52 21	N	5.75
RN0452G	44 39 40	114 51 38	N	7.32
RN0453G	44 40 40	114 52 4	N	9.28
RN0454G	44 40 42	114 52 3	N	11.67
RN0455G	44 41 23	114 47 34	N	8.74
RN0456G	44 41 20	114 47 34	1.00	8.02
RN0457G	44 26 8	114 51 12	31.00	6.83
RN0458G	44 26 8	114 51 15	<.05	9.47
RN0459G	44 25 14	114 50 56	.05	7.20
RN0460G	44 24 30	114 50 24	N	4.54
RN0461G	44 28 7	114 47 56	N	5.22
RN0462G	44 28 5	114 47 53	N	7.34
RN0463G	44 37 49	114 48 13	N	5.44
RN0464G	44 37 43	114 48 10	N	4.69
RN0466G	44 41 44	114 45 38	N	7.03
RN0467G	44 36 36	114 47 42	N	3.85
RN0468G	44 36 48	114 47 21	N	4.07
RN0471G	44 34 44	114 48 15	N	3.12
RN0472G	44 34 42	114 48 16	N	4.53
RN0473G	44 32 25	114 47 25	N	6.71
RN0474G	44 32 31	114 46 56	N	5.43
RN0475G	44 30 46	114 45 22	N	5.26
RN0478G	44 32 47	114 45 40	N	4.20
RN0479G	44 32 54	114 45 42	N	5.94
RN0481G	44 33 8	114 44 3	N	8.20
RN0482G	44 33 13	114 43 4	N	4.96
RN0483G	44 33 22	114 42 9	N	9.93
RN0484G	44 27 14	114 45 2	<.10	5.13
RN0485G	44 27 24	114 45 9	N	4.65
RN0486G	44 27 27	114 45 8	N	6.12
RN0487G	44 27 12	114 47 0	N	3.65
RN0488G	44 29 17	114 45 36	N	5.23
RN0489G	44 29 18	114 45 40	N	5.12
RN0490G	44 29 28	114 45 34	N	2.53
RN0491G	44 26 56	114 44 0	38.00	4.98
RN0493G	44 28 29	114 43 49	N	6.63
RN0494G	44 28 48	114 43 54	<.10	5.08
RN0495G	44 29 28	114 44 4	N	4.23
RN0496G	44 29 11	114 38 7	N	9.73
RN0497G	44 29 4	114 37 40	N	4.64
RN0498G	44 28 4	114 39 19	N	6.25
RN0499G	44 27 59	114 39 17	N	7.18
RN0500G	44 27 26	114 41 39	37.00	3.93

TABLE 5.--ANALYSES OF GOLD IN RAW PANNED-CONCENTRATE SAMPLES--Continued

Sample	Latitude	Longitude	Au-ppm aa	Weight
RN0501G	44 29 34	114 42 11	1.30	5.73
RN0502G	44 29 31	114 42 11	N	4.52
RN0503G	44 29 30	114 42 5	N	2.69
RN0504G	44 29 48	114 42 1	N	5.18
RN0505G	44 29 56	114 41 52	N	3.61
RN0506G	44 30 3	114 41 35	.10	4.89
RN0507G	44 30 3	114 41 18	N	4.47
RN0512G	44 28 8	114 42 1	N	5.59
RN0513G	44 28 5	114 42 2	.30	3.34
RN0514G	44 27 55	114 41 45	9.00	3.88
RN0515G	44 27 56	114 41 39	.35	2.96
RN0516G	44 28 34	114 40 6	.20	4.59
RN0517G	44 30 37	114 51 24	N	5.86
RN0518G	44 33 33	114 41 40	N	3.59
RN0520G	44 30 28	114 39 23	<.17	3.02
RN0521G	44 30 48	114 39 40	N	5.18
RN0522G	44 30 9	114 40 41	N	5.82
RN0525G	44 26 42	114 48 40	N	2.90
RN0527G	44 27 15	114 48 46	.10	5.70
RN0528G	44 27 12	114 48 37	N	3.33
RN0529G	44 37 14	114 45 31	N	3.44
RN0530G	44 37 13	114 45 35	N	3.24
RN0532G	44 36 32	114 41 24	N	5.79
RN0534G	44 36 48	114 41 47	N	6.30
RN0536G	44 36 47	114 43 53	N	4.05
RN0537G	44 36 44	114 43 58	N	5.32
RN0539G	44 39 15	114 41 50	N	5.54
RN0540G	44 38 20	114 41 6	N	3.38
RN0541G	44 38 19	114 41 9	N	3.62
RN0542G	44 38 25	114 41 3	N	3.17
RN0543G	44 38 34	114 41 31	N	5.27
RN0545G	44 44 18	114 39 43	N	4.47
RN0546G	44 44 21	114 39 48	.20	5.08
RN0547G	44 43 50	114 40 28	N	3.67
RN0550G	44 42 24	114 39 22	N	4.58
RN0551G	44 42 23	114 39 18	2.10	4.03
RN0553G	44 39 41	114 34 0	N	4.33
RN0554G	44 39 44	114 34 3	N	3.94
RN0555G	44 39 4	114 35 13	N	4.53
RN0556G	44 38 27	114 35 43	N	3.84
RN0558G	44 40 44	114 35 43	N	5.06
RN0559G	44 40 46	114 35 47	1.40	3.62
RN0561G	44 40 26	114 36 56	N	5.54
RN0562G	44 40 24	114 36 52	N	4.30
RN0563G	44 39 27	114 37 13	<.10	4.76
RN0564G	44 38 23	114 36 51	N	2.33
RN0565G	44 33 33	114 34 2	N	3.31
RN0566G	44 33 49	114 35 36	N	4.24
RN0567G	44 32 22	114 35 41	N	4.32
RN0569G	44 30 34	114 37 3	N	5.28
RN0570G	44 30 34	114 37 6	N	4.89
RN0572G	44 31 6	114 37 16	N	3.49
RN0573G	44 31 57	114 36 47	N	4.10
RN0574G	44 31 56	114 36 47	N	2.95
RN0575G	44 32 0	114 36 28	N	4.14
RN0576G	44 37 8	114 34 35	N	3.41
RN0577G	44 37 34	114 34 58	N	4.40
RN0578G	44 37 32	114 35 0	N	2.49
RN0579G	44 37 43	114 36 22	N	2.85
RN0581G	44 29 8	114 37 11	.40	3.91
RN0582G	44 31 22	114 34 41	N	3.05
RN0583G	44 31 23	114 34 40	N	3.95
RN0584G	44 31 29	114 34 8	N	4.01
RN0585G	44 31 20	114 33 38	N	5.59
RN0586G	44 32 36	114 30 27	N	3.36
RN0588G	44 32 13	114 48 11	N	4.72
RN0589G	44 32 31	114 48 29	.55	6.58
RN0590G	44 32 34	114 49 28	.90	4.86
RN0591G	44 36 9	114 48 26	N	3.52
RN0592G	44 35 48	114 48 52	N	4.73
RN0593G	44 35 41	114 49 9	N	3.43
RN0594G	44 35 14	114 49 22	N	7.41
RN0595G	44 35 9	114 54 7	1.30	4.72
RN0596G	44 35 52	114 52 58	.25	4.06
RN0597G	44 35 22	114 52 18	N	6.87
RN0598G	44 34 24	114 51 26	6.00	7.22
RN0599G	44 34 19	114 51 25	.85	8.71
RN0600G	44 35 12	115 4 6	N	5.55
RN0601G	44 34 30	115 4 14	N	5.05
RN0602G	44 33 30	115 4 7	N	4.12
RN0603G	44 33 38	115 1 0	N	4.45
RN0604G	44 33 36	115 1 8	2.50	4.72
RN0605G	44 33 7	115 1 5	16.00	4.64
RN0606G	44 32 44	115 1 28	<.07	5.56
RN0607G	44 32 33	115 1 58	N	3.92
RN0608G	44 32 2	115 6 11	N	4.72
RN0609G	44 32 8	115 4 27	.65	5.55
RN0610G	44 33 43	115 5 41	3.00	4.67
RN0611G	44 29 29	115 5 9	2.50	7.59
RN0612G	44 29 25	115 5 4	N	6.61
RN0613G	44 29 58	115 4 17	N	7.80
RN0614G	44 30 59	115 3 56	N	5.51

TABLE 6.--ANALYSES OF WATER SAMPLES

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

Sample	Latitude	Longitude	Ag-µg/L aa	As-µg/L aa	Al-µg/L aa	Ca-mg/L aa	Co-µg/L aa	Cu-µg/L aa	Fe-µg/L aa	K-mg/L aa	Mg-mg/L aa	Mn-µg/L aa	Mo-µg/L aa	Na-mg/L aa
RN0042W	44 36 5	115 21 8	<.1	.7	<.1	10	.1	.3	11.0	.5	1.2	1.2	.2	2.1
RN0064W	44 26 43	115 14 20	.4	.9	.1	3	.5	2.0	8.0	1.3	.1	.4	6.2	73.0
RN0121W	44 36 32	115 16 3	.2	1.2	.1	3	.4	4.8	4.0	.9	.1	.2	62.0	63.0
RN0123W	44 37 5	115 14 57	.1	4.8	<.1	31	.1	.3	3.0	.6	1.7	.2	2.2	3.3
RN0125W	44 37 4	115 13 33	.1	7.4	<.1	17	.1	.4	22.0	.6	1.5	1.3	1.4	2.9
RN0126W1	44 37 41	115 11 49	.3	3.0	.1	3	.3	3.2	3.0	.8	.1	.2	47.0	52.0
RN0126W2	44 37 41	115 11 49	<.1	3.8	.1	17	.2	5.5	9.0	.6	1.9	.9	18.0	23.0
RN0127W	44 38 10	115 11 20	.3	1.4	.1	3	.6	2.5	2.0	1.4	.1	.2	24.0	79.0
RN0129W	44 38 34	115 10 45	.5	1.2	.2	3	.6	2.8	16.0	1.2	.1	1.6	22.0	71.0
RN0154W	44 40 17	114 50 22	.1	.6	.6	10	.3	.4	180.0	.7	1.5	2.0	.5	8.8
RN0199W	44 39 32	114 39 5	.8	.8	<.1	3	1.0	5.6	2.0	1.0	.1	1.1	28.0	75.0
RN0200W	44 39 40	114 39 1	.8	.8	<.1	3	.3	5.0	3.0	1.1	.1	.6	20.0	76.0
RN0211W	44 34 45	114 36 50	.1	.4	.6	10	.2	.6	270.0	.7	.5	4.7	2.1	6.2
RN0212W	44 34 59	114 36 50	.1	.5	.4	10	.1	.5	120.0	.6	.4	2.7	1.2	4.7
RN0249W	44 39 2	114 39 29	.1	.3	.1	26	.1	1.0	21.0	.8	1.9	.6	1.8	4.6
RN0259W	44 34 4	114 32 12	.1	.4	.1	1	.1	1.4	41.0	.3	.2	.5	.3	4.9
RN0265W	44 36 3	114 33 44	.1	.8	<.1	9	.1	5.6	23.0	1.4	1.0	1.4	1.0	2.8
RN0266W	44 35 43	114 30 29	.1	.3	.3	2	.1	1.2	91.0	.2	.1	1.7	.2	2.5
RN0277W	44 37 31	114 35 58	.3	.4	<.1	3	.5	2.8	2.0	.7	.1	.5	26.0	62.0
RN0321W	44 27 5	115 28 55	.1	.4	<.1	5	.1	.9	13.0	.2	.6	1.3	.1	1.5
RN0334W	44 25 8	115 18 5	.1	.4	<.1	15	.1	3.3	2.0	.4	1.6	.3	1.0	4.4
RN0336W	44 27 20	115 16 27	<.1	.6	<.1	3	<.1	.4	2.0	.2	.9	.1	.3	1.5
RN0337W	44 28 7	115 16 19	<.1	.3	<.1	3	.1	3.4	6.0	.2	.5	1.0	.2	1.3
RN0366W	44 27 54	115 10 38	<.1	.4	<.1	8	.1	1.4	2.0	.2	.4	.1	.8	.9
RN0367W	44 28 8	115 10 32	<.1	.5	<.1	15	.1	.7	1.0	.2	.6	.1	3.8	.9
RN0427W	44 31 25	114 56 35	.1	3.3	<.1	14	<.1	1.0	2.0	.3	.7	.3	7.4	1.6
RN0431W	44 32 16	114 55 20	<.1	2.5	<.1	1	.1	.2	<.1	.6	.1	.2	9.6	2.0
RN0465W	44 37 37	114 48 15	.1	.3	.1	22	.1	1.3	6.0	.3	1.2	.5	1.6	3.1
RN0480W	44 33 4	114 44 59	.1	.2	<.1	33	.1	1.3	4.0	.7	2.6	.9	5.9	3.1
RN0508W	44 38 11	114 44 42	.5	1.4	.1	4	.6	2.9	4.0	1.0	.3	1.0	50.0	63.0
RN0510W	44 38 41	114 44 20	.5	1.3	<.1	3	.6	4.1	5.0	1.1	.1	.5	49.0	67.0
RN0511W	44 38 58	114 44 7	.6	1.4	.7	4	.8	3.9	150.0	1.1	.3	17.0	49.0	71.0
RN0519W	44 34 48	114 40 53	.1	.5	<.1	10	.1	3.2	9.0	.2	.3	.7	1.7	5.5
RN0548W	44 43 16	114 40 10	.2	.4	<.1	16	.1	2.2	1.0	.4	.9	.5	1.9	2.7
RN0549W	44 42 52	114 40 51	.1	.3	<.1	34	.1	1.0	1.0	.5	1.3	.2	6.6	8.0
RN0552W	44 40 7	114 33 39	.1	.5	<.1	13	<.1	2.4	17.0	.6	.2	17.0	5.6	6.1
RN0557W	44 38 24	114 36 1	.1	1.0	<.1	19	.1	.6	18.0	.6	.2	.8	18.0	10.0
RN0568W	44 32 22	114 35 44	.1	.5	<.1	3	.1	1.9	34.0	.3	.2	.7	.7	5.2

TABLE 6.--ANALYSES OF WATER SAMPLES--Continued

Sample	Ni-µg/L aa	Pb-µg/L aa	SiO_2-mg/L aa	Zn-µg/L aa	U-µg/L inst	Cl^- mg/L	F^- mg/L	NO_3^- mg/L	SO_4^{--} mg/L	Alkaline	Sp cond	l.c.H.	Source	Temperature at source °C
RN0042W	1.5	.6	5.2	37.0	.94	5.30	.06	.76	2.00	60.0	105	7.47	cold spring	6°
RN0064W	3.2	.1	37.0	68.0	<.10	12.00	16.00	--	49.00	79.0	345	9.49	hot spring	>50°
RN0121W	2.8	.2	30.0	3.6	<.10	9.00	18.00	--	29.00	83.0	280	9.31	hot spring	48°
RN0123W	1.2	.3	6.0	6.9	4.10	1.30	.33	.67	5.80	101.0	170	7.65	cold spring	9°
RN0125W	2.5	8.3	5.3	4.9	1.50	.84	.34	--	5.90	54.0	110	7.54	cold spring	6°
RN0126W1	2.6	.1	24.0	3.5	<.10	8.20	14.00	--	36.00	66.0	250	9.29	hot spring	45°
RN0126W2	2.3	.2	12.0	4.8	1.40	1.70	.45	--	140.00	74.0	160	7.80	hot spring	20°
RN0127W	3.2	<.1	35.0	1.8	<.10	15.00	13.00	13.00	40.00	107.0	370	9.20	hot spring	47°
RN0129W	3.5	.1	32.0	5.7	.12	14.00	14.00	4.30	39.00	102.0	355	9.13	hot spring	>50°
RN0154W	2.2	.3	15.0	4.3	.12	2.40	.06	--	2.00	43.0	94	6.64	cold spring	10°
RN0199W	4.5	.1	26.0	2.3	<.10	2.10	1.50	--	.97	52.0	380	8.92	hot spring	47°
RN0200W	4.1	.1	28.0	3.8	<.10	9.10	15.00	--	41.00	113.0	380	8.79	hot spring	50°
RN0211W	3.8	.5	13.0	5.2	.32	.57	.17	--	.49	30.0	73	6.61	cold spring	5°
RN0212W	1.5	.3	12.0	4.8	.24	.59	.20	--	.43	31.0	68	6.86	cold spring	5°
RN0249W	1.1	.3	6.2	4.2	.34	.54	.14	--	.86	77.0	155	7.55	cold spring	8°
RN0259W	1.7	1.4	12.0	4.6	<.10	.49	.20	--	.17	1.0	25	6.23	cold spring	4°
RN0265W	1.2	.8	8.0	7.4	<.10	.17	.24	--	2.70	8.9	73	7.41	cold spring	6°
RN0266W	1.3	.8	10.0	4.3	<.10	.41	.10	.90	.24	29.0	19	6.64	cold spring	3°
RN0277W	2.9	.2	25.0	5.5	<.10	8.30	14.00	--	22.00	92.0	310	9.04	hot spring	>50°
RN0321W	.9	.4	6.6	7.8	<.10	.27	.05	.44	.06	16.0	30	6.77	cold spring	7°
RN0334W	1.1	.5	7.8	510.0	1.40	.20	.10	.60	.35	70.0	97	8.22	cold spring	7°
RN0336W	1.2	.2	5.7	2.8	<.10	.25	.05	1.30	.47	6.6	19	5.98	cold spring	3°
RN0337W	2.6	.5	3.7	3.1	<.10	.28	.05	.15	.35	8.9	17	5.74	cold spring	5°
RN0366W	.8	.3	2.2	11.0	.30	.25	.60	--	.50	25.0	44	6.19	cold spring	3°
RN0367W	1.6	.4	4.3	7.2	.56	.21	.09	--	1.40	41.0	81	6.54	cold spring	5°
RN0427W	1.5	.2	3.7	4.9	1.50	.25	.14	--	2.10	41.0	81	6.99	cold spring	5°
RN0431W	1.0	.3	3.9	3.2	2.70	.36	.04	.28	4.40	84.0	143	7.55	cold spring	9°
RN0465W	.9	.4	5.6	5.6	.66	2.50	.10	--	1.20	<.1	137	7.57	cold spring	8°
RN0480W	.7	.4	5.2	5.6	15.00	.41	.06	--	2.60	118.0	185	7.29	cold spring	10°
RN0508W	3.5	.2	34.0	6.2	.12	5.10	6.90	1.70	14.00	111.0	330	8.38	hot spring	>50°
RN0510W	3.5	.3	34.0	2.7	<.10	1.50	1.20	--	3.20	103.0	335	8.48	hot spring	>>50°
RN0511W	3.9	.3	32.0	5.5	.10	12.00	7.00	.53	36.00	103.0	355	8.53	hot spring	41°
RN0519W	.7	.4	7.3	6.4	.72	.25	.06	.25	.41	39.0	69	6.68	cold spring	5°
RN0548W	1.0	.4	7.2	7.7	.58	.36	.06	--	.92	57.0	94	7.83	cold spring	6°
RN0549W	.6	.5	7.5	4.0	4.10	.49	.18	--	1.10	117.0	200	--	cold spring	9°
RN0552W	.8	.5	7.6	4.0	2.90	.51	.53	.44	1.30	46.0	89	6.43	cold spring	8°
RN0557W	.9	.4	7.4	100.0	14.00	1.30	.59	.91	8.50	67.0	138	7.40	cold spring	11°
RN0568W	1.7	.4	17.0	7.6	.22	.48	.41	.31	.87	12.0	35	5.86	cold spring	8°