UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

Analytical results and sample locality maps for rock samples collected in and near the Delta 1^0 x 2^0 quadrangle, Tooele, Juab, Millard, and Utah Counties, Utah

by

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STUDIES RELATED TO CUSMAP

This report presents part of the results of a geochemical survey of the Delta 1^0 x 2^0 quadrangle, Utah. Geochemical samples were collected as one of several multidisciplinary studies associated with the Conterminous United States Mineral Assessment Program (CUSMAP). Other publications in the geochemical portion of this survey include the results of analyses of heavy-mineral-concentrate (Arbogast and others, 1990a) and stream sediment samples (Arbogast and others, 1990b). In addition, mineral resource assessment studies of several Bureau of Land Management Wilderness Study Areas have recently been completed in the quadrangle, and include geochemical data that supplement the results presented here. Specifically, areas discussed in these reports include the Fish Springs Range (Lindsey and others, 1989a; Arbogast and others, 1988a), the Swasey Mountain/Howell Peak Wilderness Study Areas (Lindsey and others, 1989b; Arbogast and others, 1988b), the Notch Peak Wilderness Study Area (Stoeser and others, 1990), and the Deep Creek Mountains Wilderness Study Area (Nutt and others, 1990).

INTRODUCTION

Beginning in 1986 and continuing through 1989, the U.S. Geological Survey conducted a reconnaissance geochemical survey of the Delta 1^0 x 2^0 quadrangle Juab, Tooele, Millard and Utah Counties, Utah.

The study area is in west-central Utah, approximately centered about the town of Delta, and is about 100 mi southwest of Salt Lake City, Utah (fig 1). The quadrangle includes about 6,930 mi^2 (4,435,000 acres) and is in the eastern Basin and Range physiographic province. Mountain ranges make up less than 40 percent of the quadrangle and attain a maximum elevation of 12,087 feet. Basins comprise over 60 percent of the quadrangle and generally vary in elevation between 4200 and 5200 feet.

The geology of the Delta quadrangle has been mapped by Morris (1987), and the geologic history has been succinctly described by Hintze (1988). Rocks range in age from Late Precambrian to Recent and were subjected to compressive stresses during the late Mesozoic and extensional stresses during the late Cretaceous.

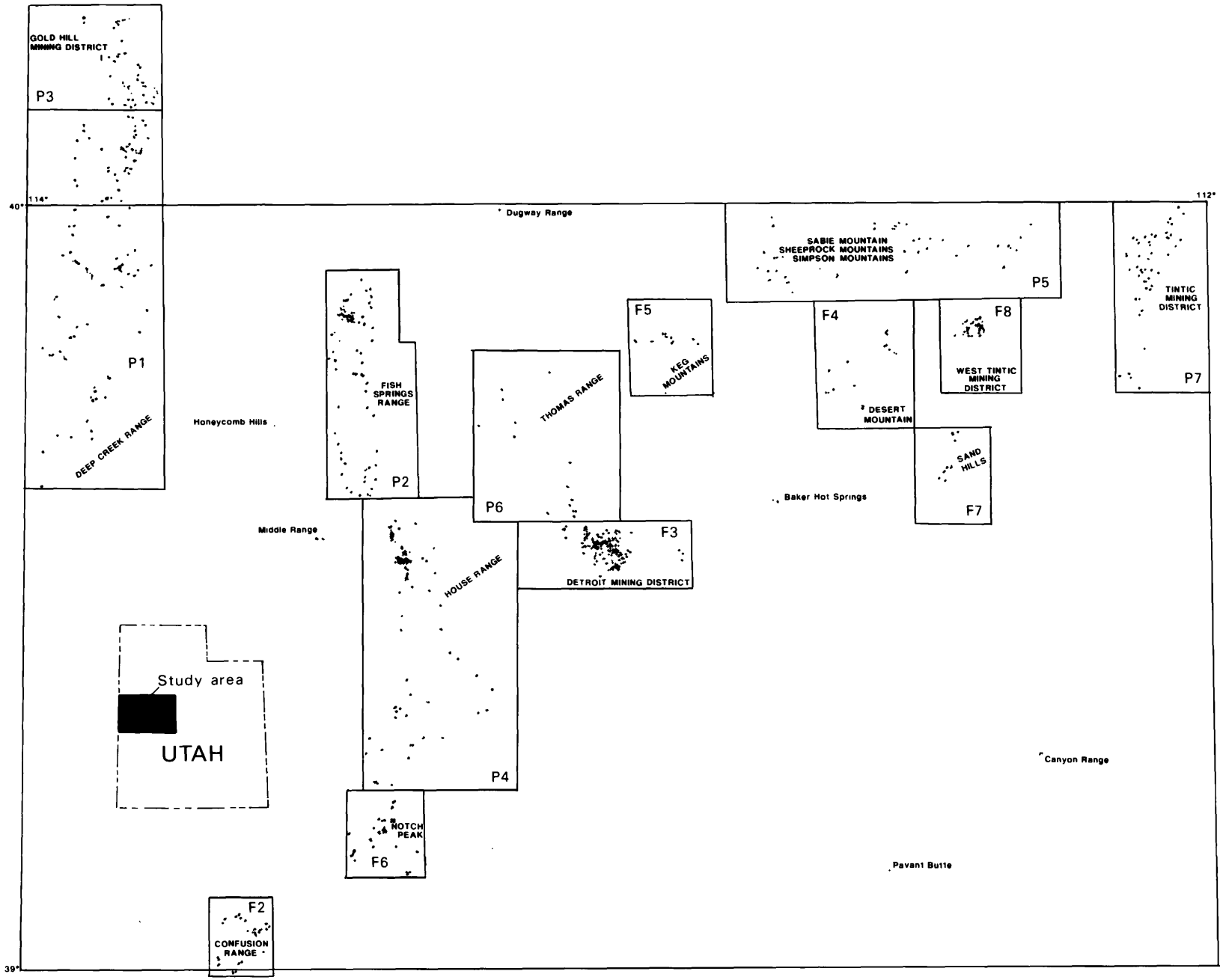

Figure 1. Approximate localities of rock samples from within and close to the Delta 1^0 x 2^0 quadrangle, Utah, including localities for the Baker Hot Spring, Canyon Range, Dugway Range, Honeycomb Hill, Middle Range, and Pavant Butte study areas.

ACKNOWLEDGMENTS

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METHODS OF STUDY

Sample Media

Analyses of unaltered or unmineralized rock samples provide background geochemical data for individual rock units. On the other hand, analyses of altered or mineralized rocks, where present, may provide useful geochemical information about the major- and trace-element assemblages associated with a mineralized system. Both types of rock samples were collected and analyzed during this study.

Sample Collection

A total of 1619 rock samples were collected from the quadrangle and surrounding areas (plates 1-7, figures 1-8). Each sample site was assigned a unique four-digit sample number; where multiple samples were collected at the same site, the samples were assigned suffixes to the four-digit numbers (e.g., 5408A, 5408B etc.). Rock samples were collected from outcrops or mine dumps in the vicinity of the plotted site location. Samples include highly-altered material that was intentionally collected ("high-graded") to gain an understanding of the geochemistry of different types of alteration and mineralization within the mineral systems.

Table 1 summarizes the number of samples collected from the individual study areas within the Delta 1^0 x 2^0 quadrangle.

Sample Preparation

Rock samples were crushed and then pulverized to minus 0.15 mm with ceramic plates.

Sample Analysis

Spectrographic method

The rock samples were analyzed for 31 (samples collected in 1986 and 1987) or 35 (samples collected in 1988 and 1989) 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 2. 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). Analytical data from the spectrographic analyses are listed in tables 4-24.

Chemical methods

Other methods of analysis used on samples from the study area are summarized in table 3. Elements analyzed for include Au, As, Sb, Bi, Cd, Zn, Hg, and F. Gold analyses were obtained using an atomic absorption spectroscopy method described by Thompson and others (1968). Arsenic, Sb, Bi, Cd, and Zn were analyzed by an inductively coupled plasma-atomic emission spectrometric method described by Crock and others (1987) who report varying precisions for the individual elements that generally range from 2 to 12 percent relative standard deviation. Mercury was analyzed by a modification of the atomic absorption method described by Crock and others (1987) who report a precision of between 1.2 and 5 percent relative standard deviation for the method. Fluorine was analyzed by an ion selective electrode method described by Hopkins (1977); precision of this method is generally about eight percent relative standard deviation (Crock and others, 1987). Results of analyses for the rock samples are listed in tables 4-24.

ROCK ANALYSIS STORAGE SYSTEM

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

DESCRIPTION OF DATA TABLES

Tables 4-24 list the results of analyses for the rock samples. The data are arranged so that column 1 contains the USGS-assigned sample numbers. These numbers correspond to the numbers shown on the site location maps (plates 1-7, figures 1-8).

Columns in which the element headings show the letter s below the element symbol are emission spectrographic analyses; aa, icp, ise, or cv represent other methods of analysis, as summarized in table 4. 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 2. If an element was observed in the spectrographic analyses 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 in the spectrographic analyses 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 the tables in place of an analytical value. Because of the formatting used in the computer program that produced the tables some of the elements (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.

Values determined for the major elements (Fe, Mg, Ca, Ti, Na, P, and F) are given in weight percent; all others are given in parts per million (micrograms/gram).

SAMPLE DESCRIPTIONS

Succinct descriptions of the samples, with information provided during field examinations, are provided in appendices 1-21. Appendix 1 provides a description of the format which is used for the descriptions (color; texture; mineralogy; alteration; other comments) and a list of abbreviations.

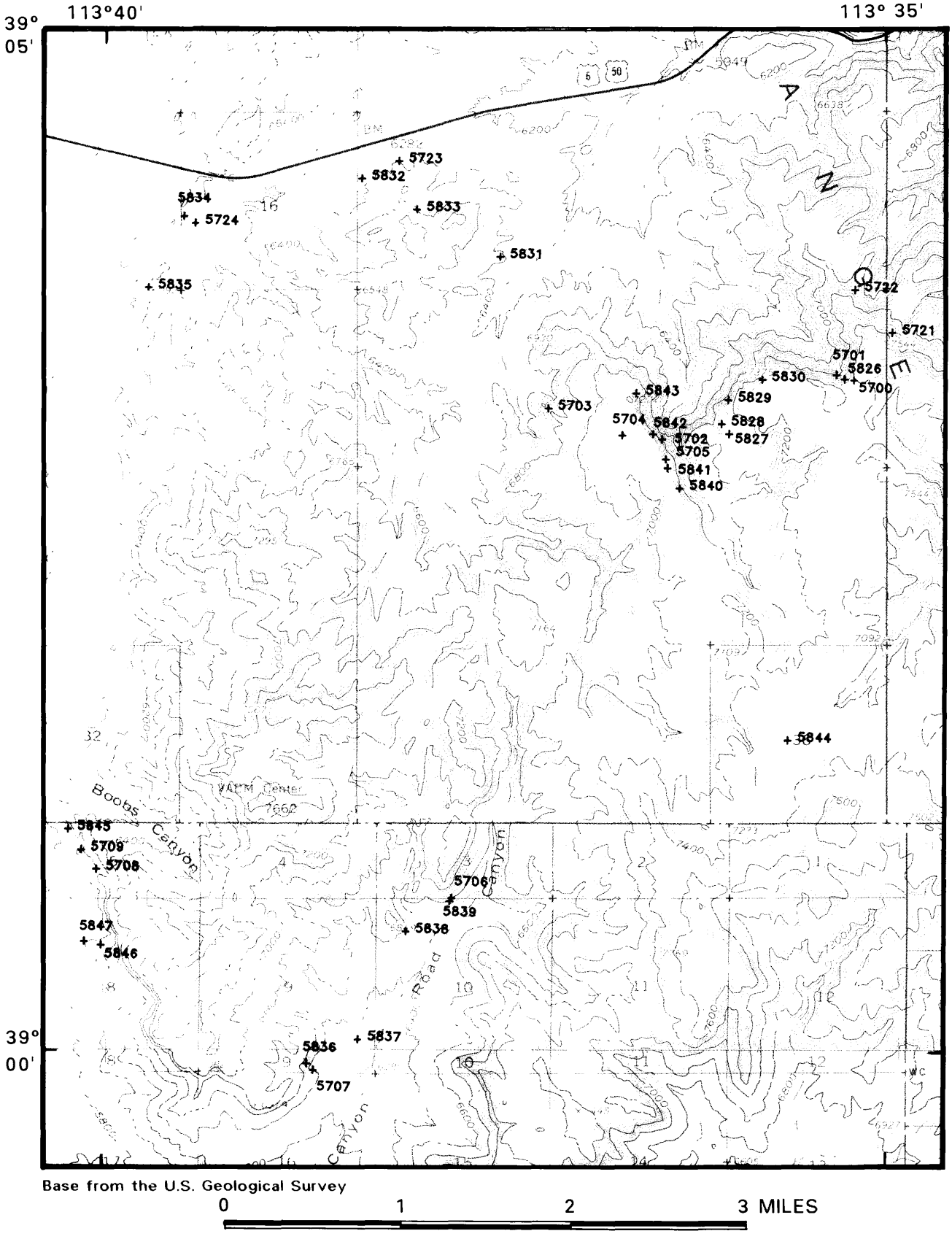
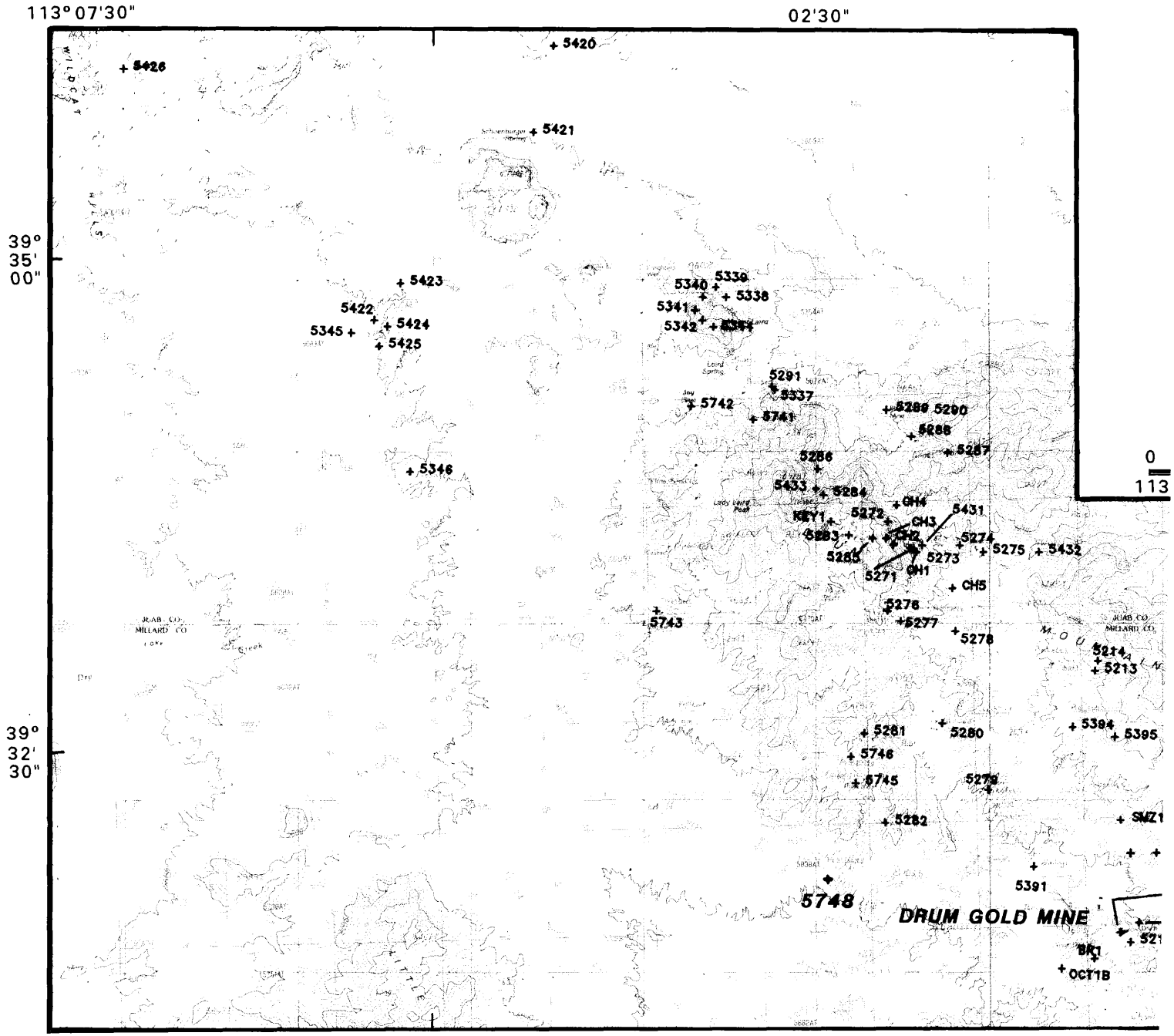


Figure 2. Sample location map, Confusion Range.



Base from the U.S. Geological Survey

Figure 3. Sample location map, Detroit

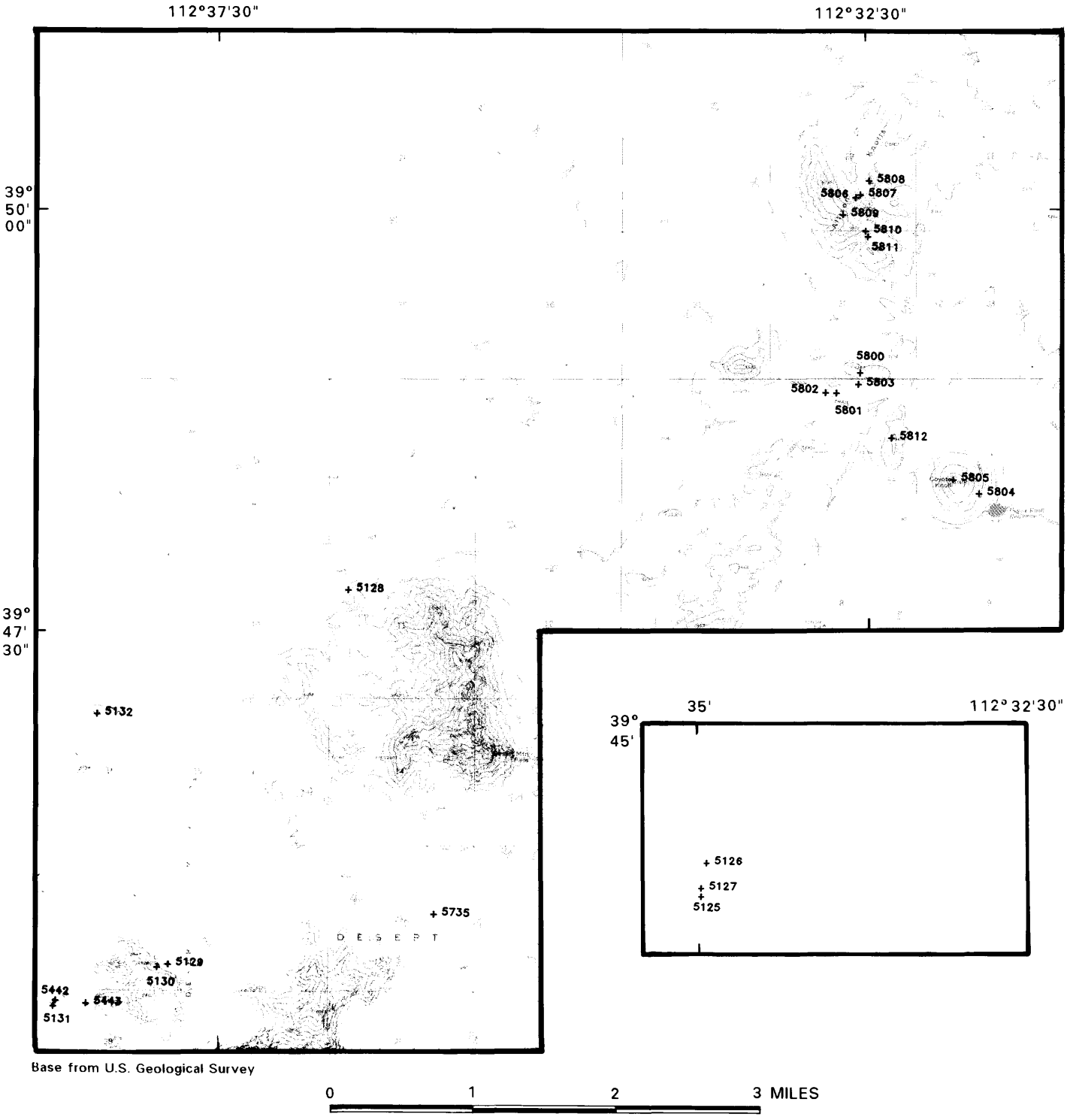


Figure 4. Sample location map, Desert Mountain.

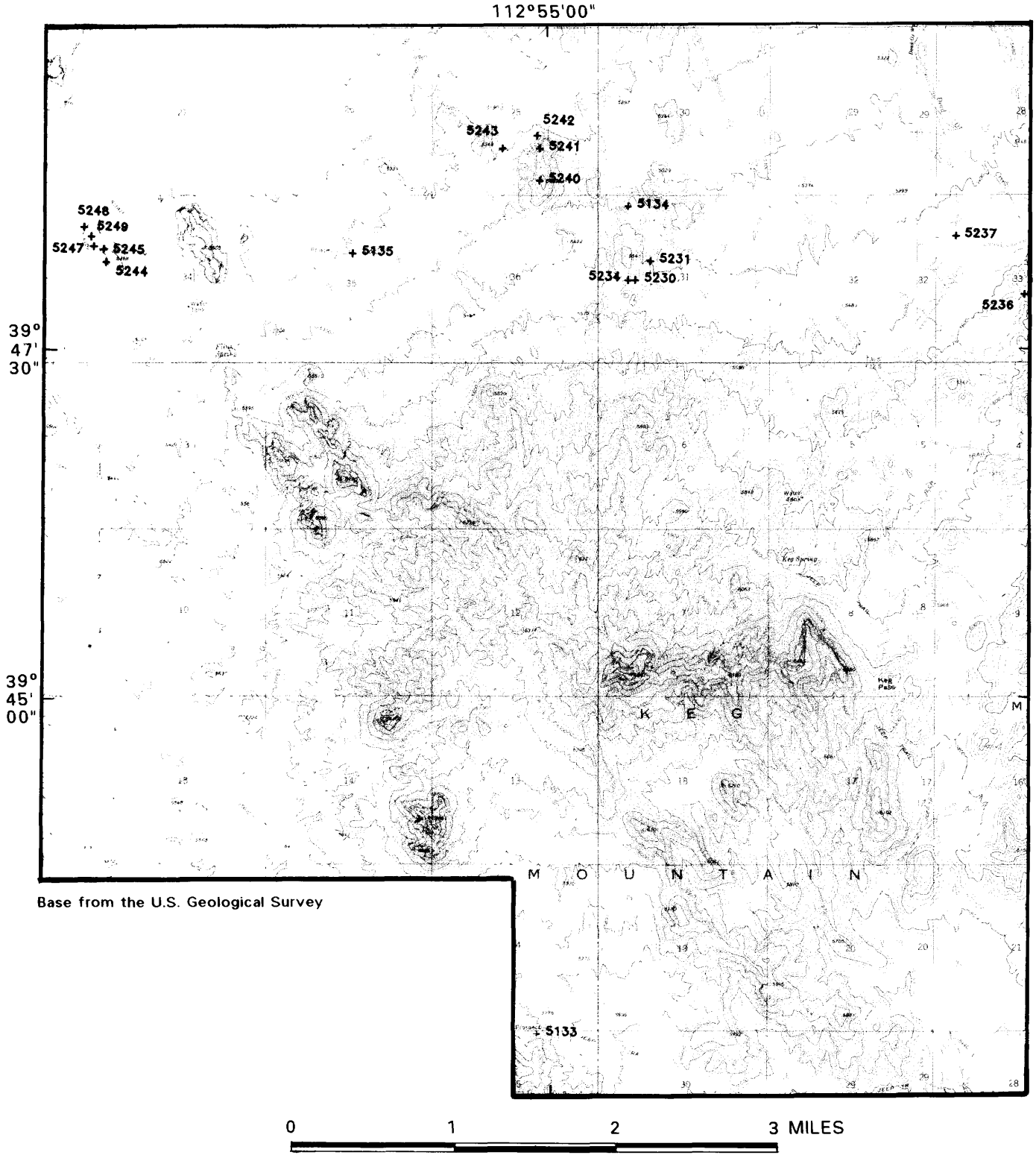


Figure 5. Sample location map, Keg Mountains.

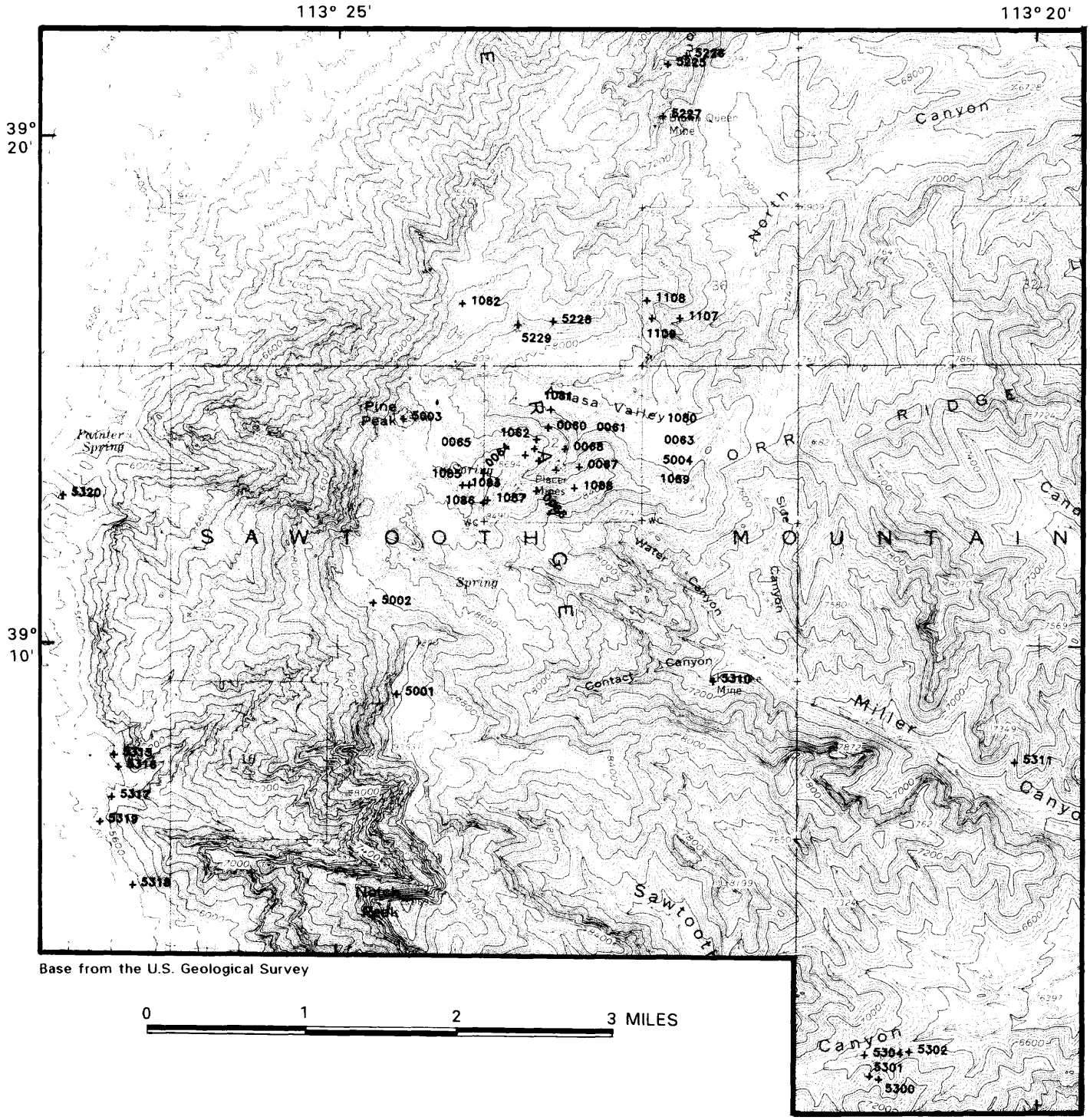


Figure 6. Sample location map, Notch Peak area.

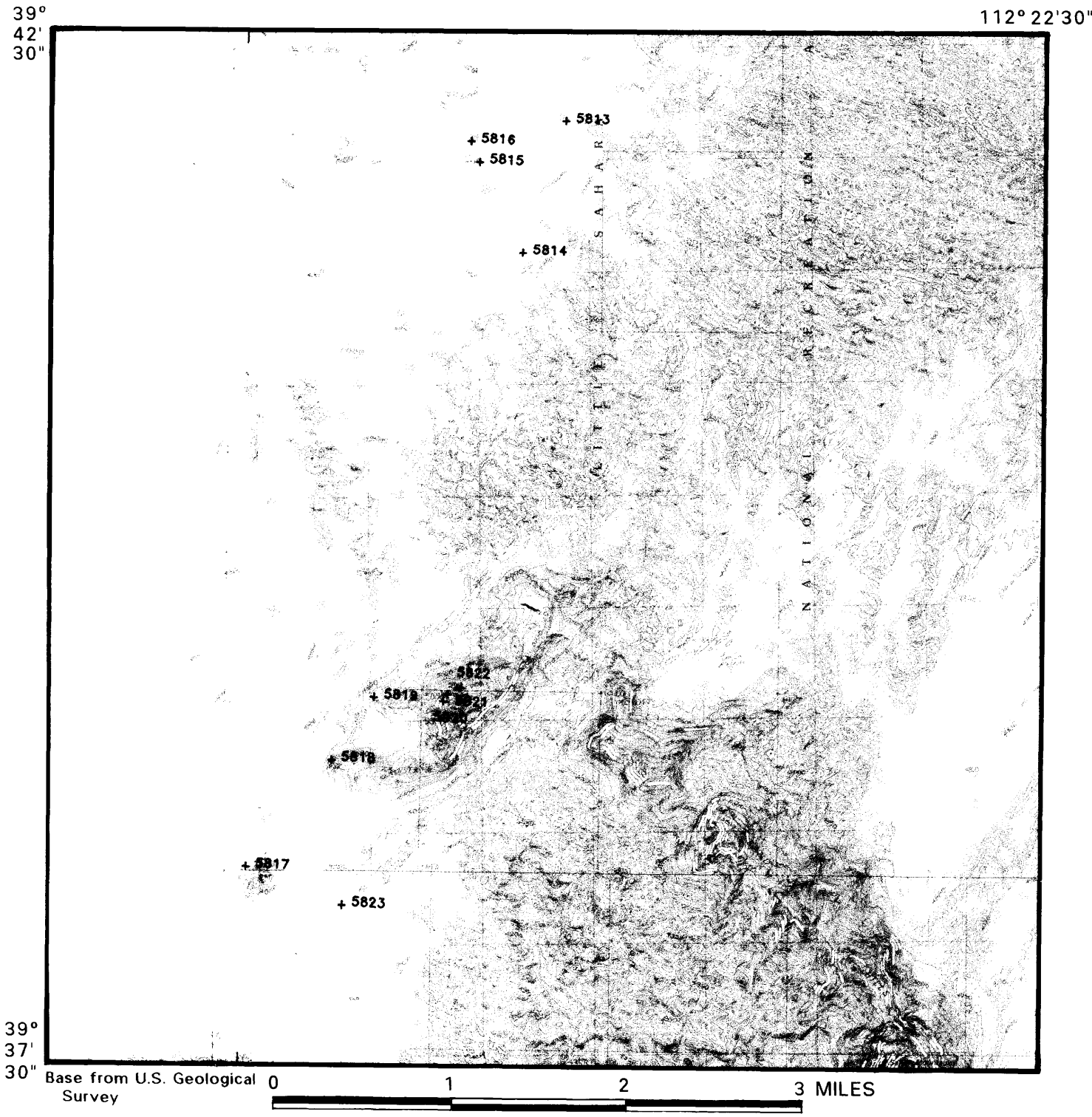


Figure 7. Sample location map, Sand Hills area.

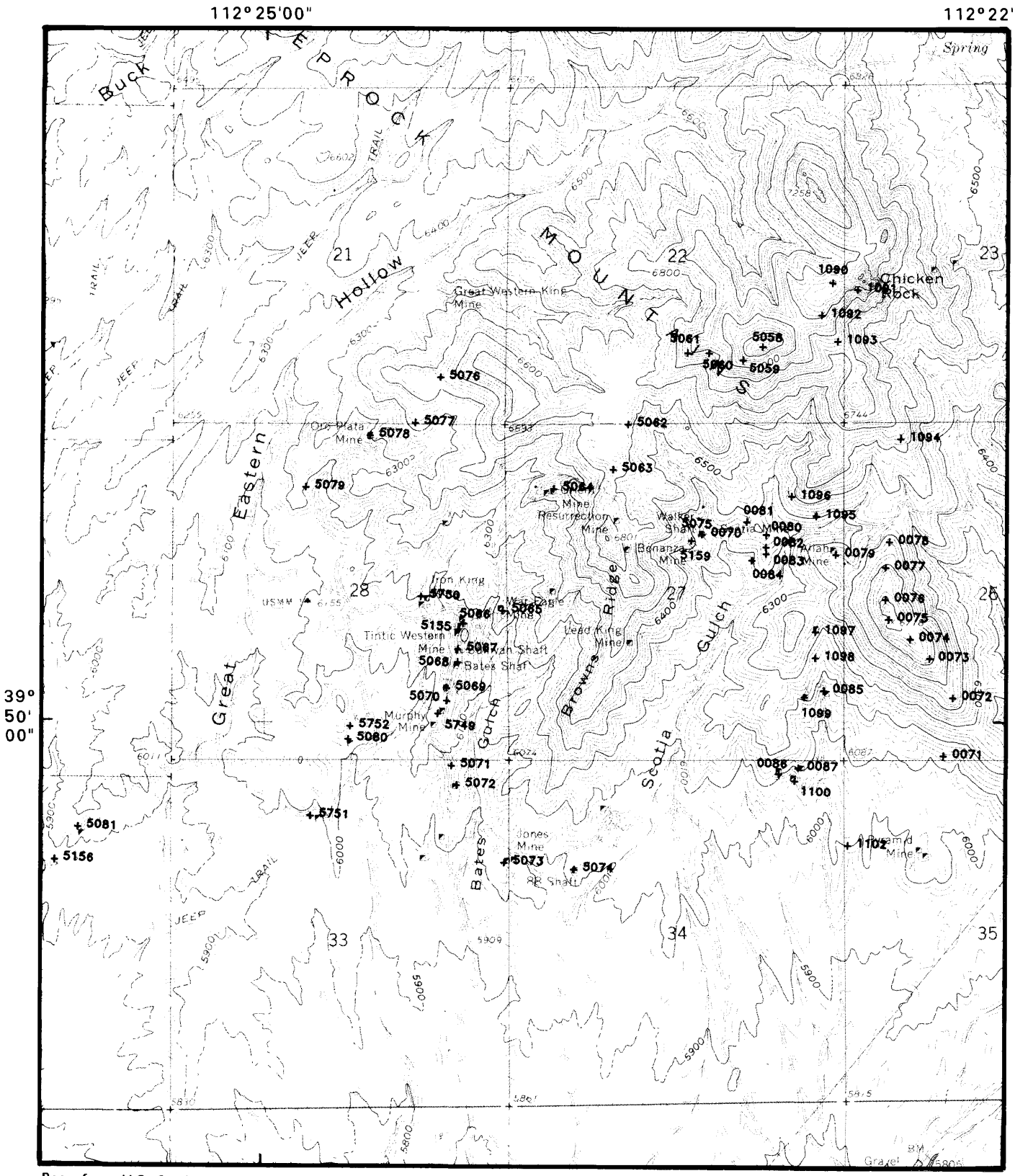


Figure 8. Sample location map, West Tintic mining district.

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TABLE 1.--Number of rock samples collected from study areas within and close to the Delta 1^0 x 2^0 quadrangle, Utah.

Area	Number of samples
Baker Hot Spring	9
Canyon Range	14
Confusion Range	107
Deep Creek Range	245
Desert Mountain	45
Detroit mining district	188
Dugway Range	10
Fish Springs Range	173
Gold Hill mining	202
Honeycomb Hill	3
House Range	200
Keg Mountains	23
Middle Range	8
Notch Peak area	78
Pavant Butte	3
Sabie Mountain	32
Sand Hills area	20
Sheeprock Range	25
Simpson Mountains	30
Thomas Range	22
Tintic mining district	114
West Tintic mining district	68

TABLE 2.--Limits of determination for the spectrographic analysis of rocks based on a 10-mg sample.

Elements	Lower determination limit	Upper determination limit
	Percent	
Calcium (Ca)	.05	20
Iron (Fe)	0.05	20
Magnesium (Mg)	.02	10
Sodium (Na)	0.2	5
Phosphorus (P)	0.2	10
Titanium (Ti)	.002	1
	Parts per million	
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)	10	2,000
Chromium (Cr)	10	5,000
Copper (Cu)	5	20,000
Gallium (Ga)	5	500
Germanium (Ge)	10	100
Lanthanum (La)	50	1,000
Manganese (Mn)	10	5,000
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
Thorium (Th)	100	2,000
Vanadium (V)	10	10,000
Tungsten (W)	20	10,000
Yttrium (Y)	10	2,000
Zinc (Zn)	200	10,000
Zirconium (Zr)	10	1,000

TABLE 3.--Chemical methods and lower limits of determination

[AA, atomic absorption; AACV, atomic absorption cold vapor; ICP, inductively coupled argon plasma-atomic emission spectrographic; ISE, ion selective electrode; all values in parts per million]

Element	Method	Limit of Determination	Reference
Gold (Au)	AA	0.05	Thompson and others, 1968
Arsenic (As)	ICP	5	Crock and others, 1987
Antimony (Sb)	ICP	2	and modification of
Zinc (Zn)	ICP	2	O'Leary and Viets, 1986
Bismuth (Bi)	ICP	2	
Cadmium (Cd)	ICP	.1	
Mercury (Hg)	CV	0.02	Crock and others, 1987
Fluorine (F)	ISE	100	Hopkins, 1977

Appendix 1--Succinct descriptions of rock samples collected from the Baker Hot Spring area, Utah. Descriptions generally formatted as follows: color of fresh rock; texture; mineralogy; alteration; other comments. NOTE: all information is based on information estimated during examinations in the field. Abbreviations: **approx**-approximately, **ba**-barite, **bt**-biotite, **bx**-breccia, **cc**-calcite, **cg**-coarse grained, **cm**-centimeters, **do**-dolomite, **fd**-feldspar (undifferentiated), **fg**-fine grained, **ix**-iron oxide minerals, **m**-meters, **mg**-medium grained, **microxln**-microcrystalline, **mm**-millimeters, **mv**-muscovite, **py**-pyrite, **qz**-quartz, **vcg**-very coarse grained, **vfg**-very fine grained, **2nd**-secondary.

SAMPLE No.	DESCRIPTION
5123	**Iron-rich Wad**--rusty brown; friable; ix, cc; forms mound.
5124A	**Iron-rich Wad**--light brown; friable; ix, manganese minerals; forms mounds.
5124B	**Manganese-rich Wad**--black; frothy; manganese minerals; forms mounds.
5124C	**Manganese-rich Wad**--black and white, mottled; massive to frothy; manganese minerals, ix, cc; from within hot spring.
5215A	**Travertine**--white to light brown; frothy, microxln; cc.
5215B	**Travertine**--very dark brown; banded, massive to vuggy; ix, cc.
5215C	**Manganese-rich Wad**--black; massive, microxln; manganese minerals.
5215D	**Travertine**--reddish brown; frothy; cc, oxide minerals; heavily stained with oxide minerals.
5216	**Basalt**--black; vesicular; minerals too fine-grained to identify; no visible alteration; from Fumarole Butte.

Appendix 2--Succinct descriptions of rock samples collected from the Canyon Range, Utah. Format for descriptions and explanation of abbreviations given in appendix 1.

SAMPLE No.	DESCRIPTION
5848A	**Replacement**--varied colored, brown, red, grey; vfg to fg, bx, friable; cc, ix, do; variably replaced limestone, replacement mostly cuts bedding, but locally follows bedding.
5848B	**Replacement**--varied colored, brown, red, grey; vfg to fg, bx, friable; cc, ix, do; variably replaced limestone, replacement mostly cuts bedding, but locally follows bedding.
5848C	**Replacement**--varied colored, brown, red, grey; vfg to fg, bx, friable; cc, ix, do; variably replaced limestone, replacement mostly cuts bedding, but locally follows bedding.
5848D	**Replacement**--varied colored, brown, red, grey; vfg to fg, bx, friable; cc, ix, do, 2nd Pb and Zn minerals; variably replaced limestone, replacement mostly cuts bedding, but locally follows bedding.
5848E	**Replacement**--varied colored, brown, red, grey; vfg to fg, bx, friable; cc, ix, do; variably replaced limestone, replacement mostly cuts bedding, but locally follows bedding.
5848F	**Replacement**--varied colored, brown, red, grey; vfg to fg, bx, friable; cc, ix, do; variably replaced limestone, replacement mostly cuts bedding, but locally follows bedding.
5849A	**Replacement**--medium grey; vfg, fractured; ix, cc, malachite; variably altered limestone with ix, Cu stainings along fractures.
5849B	**Breccia**--yellowish brown; vfg to mg, bx; ix, qz, cc; cuts grey limestone.
5849C	**Limestone**--medium grey; vfg, fractured; cc, ix; host rock to replacement zones.
5849D	**Dike**--brown; friable; clays, ix, cc, quartzite lithic fragments.
5849E	**Dike**--brown; friable; clays, ix, quartzite lithic fragments.
5850A	**Replacement**--grey, brown; vfg, bx; cc, ix; partially replaced limestone consisting of ix along fractures.
5850B	**Replacement**--grey, brown; vfg, bx; cc, ix; partially replaced limestone consisting of ix along fractures.
5850C	**Dike**--yellowish brown; friable, bx; clays, ix, rounded quartzite lithic fragments; cuts limestone.

Appendix 3--Succinct descriptions of rock samples collected from the Confusion Range, Utah. Format for descriptions and explanation of abbreviations given in appendix 1.

SAMPLE No.	DESCRIPTION
5700A	**Jasperoid**--grey to brown; fg to cg; qz and white, bladed ba.
5700B	**Jasperoid**--grey to brown; fg to cg;
5700C	**Carbonate Breccia**--grey to yellowish-brown; carbonate clasts; carbonate and ix matrix; no noticeable 2nd silica.
5701A	**Jasperoid**--grey; vfg, bx; qz, ba.
5701B	**Jasperoid**--grey; vfg, bx; qz, ba.
5701C	**Limestone**--medium-grey; vfg, bx; well-bedded; no visible alteration.
5702A	**Jasperoid**--grey; vfg, bx; qz, fluorite.
5702B	**Limestone**--grey; vfg limestone with vcg ba; no noticeable 2nd silica.
5702C	**Jasperoid**--grey; vfg, bx, with a few vugs; qz, cc, fluorite.
5702D	**Jasperoid**--grey, purple, and white; fg to mg, bx; qz, cc, fluorite.
5703A,B,E	**Jasperoid**--grey, purple, white, brown; fg to mg, bx; qz, cc, fluorite.
5704A	**Jasperoid**--grey, purple, white, brown; fg to mg, bx; qz, cc, fluorite.
5705A	**Jasperoid**--grey and brown; vfg; qz, cc.
5706A,B, C,G	**Jasperoid**--grey, brown; fg, bx; qz, cc.
5706D,E, F,H,I	**Limestone**--grey; fg, well-bedded; cc, ba; local pockets of ba.
5707A,B,G	**Jasperoid**--grey, brown; vfg, bx; qz, minor ix stainings.
5707C,D,E	**Carbonate Breccia**--grey; bx, with angular clasts generally less than 10 cm in length; qz, cc, ix.
5707F	**Jasperoid**--grey, brown, white; bx; qz, ba, ix.
5708A,B,C, F,I	**Jasperoid**--grey, brown; mg to vcg, scattered vugs; qz, cerargyrite, malachite.
5708D,E	**Limestone**--grey; fg; cc; no visible alteration.
5708G,H	**Dolostone**--dark grey; mg; do; no visible alteration.
5709A,B	**Igneous Rock**--pale yellowish-brown; porphyritic, pheonocrysts to 3-4 mm; highly altered; mostly clays, ix; occurs as clasts within fault breccia.
5709C	**Limestone**--grey; fg; cc with less than 5% 2nd silicification.
5721A,B	**Dolostone**--grey, yellowish-brown; fg to cg dolostone cut by fractured and brecciated fault zone material; contains cc veinlets, ix and py; fault zone occurs parallel and cross-cutting to bedding.
5722A	**Limestone**--grey, yellowish-brown; fg to mg limestone

cut by friable and brecciated fault zone material; heavily stained and sanded carbonate exposed in roadcut, not visible in surface exposures.

5723A **Carbonate Breccia**--grey, brown; fg; dolostone cut by varying amounts of lacey, networking silica zones.

5724A **Jasperoid**--grey, brown; fg, bx; qz, ix fluorite.

5724B **Carbonate Breccia**--geey, brown; fg, bx; do, cc, qz, fluorite.

5826A **Jasperoid**--brownish-grey; vfg, microxln, bx; qz, ba, cc, ix; silicification up to 90%.

5826B **Dolostone**--medium grey; silt-sized to fg; 98% do, 2% 2nd cc along fractures.

5827A **Limestone**--medium grey; finely crystalline; cc; no visible alteration.

5828A,B **Jasperoid**--grey and brown; bx, network veined; cc, qz, ix; partially silicifed (to 10%) limestone.

5828C **Limestone**--medium grey; fg, crystalline; cc; no visible alteration.

5829A **Jasperoid**--brown, purple, white; massive carbonate with fg to mg 2nd minerals; qz, fluorite, cc, ba; up to 15% silicification in limestone accompanied by fluorite and ba.

5830A **Jasperoid**--grey, brown; vfg; grained; qz, cc; lacey, selective (to 10%) silicification of limestone.

5831A,B **Jasperoid**--rusty brown; vfg to vcg; qz, do, ix; selective silicification (to 5%) of dolostone.

5831C **Dolostone**--medium grey; fg, crystalline; do; no visible alteration.

5831D **Jasperoid**--rusty brown; fg to vcg; qz, do, ba, ix; up to 5% silicification of dolostone accompanied by very-coarse grained ba.

5832A,B,E **Jasperoid**--greyish-brown; vfg to vcg, bx; qz, ix, ba; up to 100% silicification of dolostone.

5832C **Jasperoid**--as above, only 50% silicification.

5832D **Dolostone**--brownish-grey; vfg, crystalline; do; contains less than 5% secondary silica.

5833A **Jasperoid**--white to light-grey; vfg, bx; qz, cc; selective replacement of limestone.

5833B **Jasperoid**--rusty-brown; vfg; qz, ix, do; selective replacement of dolostone.

5834A **Jasperoid**--rusty-brown; vfg; qz, ix, do; partial replacement of dolostone, maximum of 5% 2nd silica.

5834B **Jasperoid**--rusty-brown; vfg; qz, ix, do; partial replacement of dolostone, maximum of 20 % 2nd silica.

5835A,B **Jasperoid**--medium grey; vfg, bx; qz, ix, cc; highly irregular, partial replacement up to 2% 2nd silica.

5835C **Limestone**--medium grey; vfg, bx; cc; laced with cc veinlets (up to 2%).

5836A,B,F,G **Jasperoid**--brownish-grey; vfg, bx; qz, ix, ba, cc; intensely brecciated, variably silicified (up to 95%) limestone breccia, includes local areas of cc and ba

veining cutting jasperoid.

5836C,D,H **Limestone Breccia**--medium to dark grey; bx with angular limestone clasts of various colors; cc; selected clasts are cut by cc veinlets, but the matrix is not; no other visible alteration.

5836E **Limestone**--medium grey; vfg; cc, minor ix; no visible alteration.

5837A,B,C **Jasperoid**--medium to dark grey; vfg, bx; qz, do, ix; variably silicifed (to 10%) dolostone.

5838A **Jasperoid**--medium grey; vfg, bx; qz, ix, cc; variably silicified (to 5%) limestone.

5838B **Limestone**--light to medium grey; vfg, bx; cc; no visible alteration.

5839A,B **Jasperoid**--medium grey; vfg, bx; qz, cc, ix; variably replaced limestone with maximum of 50% introduced silica.

5839C **Limestone**--medium grey; vfg, crystalline; cc; no visible alteration.

5840A **Limestone**--medium grey, yellow, red, brown; friable, bx; cc, clays, ix; no apparent silicification, oxidized fault or fracture zone.

5840B **Jasperoid**--medium grey; fg, crystalline; cc, qz, ix; variably silicified (up to 2%) limestone.

5840C **Limestone**--medium grey and white; vfg, bx; cc; laced with cc veinlets, no other alteration visible.

5841A **Jasperoid**--medium grey; vfg to vcg; qz, ba, fluorite, ix, cc; finely-laminated to massive silicification of limestone varying along strike.

5841B **Limestone**--medium grey and white; vfg, crystalline, brecciated; cc; laced with cc veinlets, no other alteration visible, collected about 20-50 feet stratigraphically above 5841A.

5842A **Jasperoid**--purplish-grey; vfg to vcg; fluorite, qz, cc, ba, ix; partial replacement of limestone along stratiform horizon, about 25-45 feet thick.

5842B **Limestone**--medium grey and white; vfg, crystalline, bx; cc; laced with cc veinlets, no other alteration visible.

5843A **Jasperoid**--medium grey, white, purple; vfg to mg; qz, cc, fluorite, ix; partial replacement (to 15%) of limestone.

5843B **Jasperoid**--medium-brown; vfg to mg; qz, fluorite, ix, ba; near total replacement of limestone by 2nd minerals, which are, in turn, cut by networking fluorite veinlets.

5843C **Limestone**--medium grey and white; vfg, crystalline, bx; cc; laced with cc veinlets, no other alteration visible.

5844A **Limestone**--medium grey; vfg to fg, bx; cc; no visible alteration.

5845A **Jasperoid**--light to medium brown; vfg; qz, ix; silicified (to 10%) limestone at base of massive cliff.

5845B	**Limestone**--medium grey; vfg, crystalline, bx; cc; contains minor cc veinlets; near contact.
5846A,B	**Jasperoid**--brown to purplish black; vfg, bx; qz, ix, cerargyrite; near totally replaced dolostone that is intensely oxidized and stained.
5846C	**Dolostone**--brownish-grey; fg to mg, crystalline; do; no visible alteration.
5846D	**Jasperoid**--varied colored, including brown, grey, yellow, black; mg to cg, sanded; qz, ix; near total replacement of dolostone.
5847A	**Dolostone**--medium grey; vfg to fg, crystalline; do; no visible alteration.

Appendix 4--Succinct descriptions of rock samples collected from the Deep Creek Range, Utah. Format for descriptions and explanation of abbreviations given in appendix 1.

SAMPLE No.	DESCRIPTION
0043	**Limestone**--grey with black chert; cc, chert; cc veining.
0045	**Limestone**--grey; bx; cc; calcite veining.
0046	**Limestone**--grey; bx; cc; calcite veining.
0048	**Limestone**--grey with brown and black chert; bx; cc, chert; cc veining.
0049	**Limestone**--grey; bx; cc, qz; 2nd cc and qz.
0050	**Limestone**--grey; cc, qz; nework veined with 2nd cc and qz.
0052	**Siltstone**--dark grey; vfg; cc, qz; 2nd qz veining.
0054	**Limestone**--grey; bx; cc; no visible alteration.
0055	**Schist**--green; schistose; qz, micas, fd, ix; heavily stained with ix.
0056	**Quartzite**--maroon; mg to fg; qz, ix; no visible alteration.
0057	**Limestone**--grey with brown veining; cc, qz, ix; laced with brown, qz- and ix-bearing veinlets.
0058	**Vein**--white and brown; qz, ix.
1038R	**Limestone**--grey; fg; cc; contains small veins and vugs of 2nd cc.
1039R	**Limestone**--grey; fg; cc; no visible alteration.
1040R	**Quartzite**--brown; mg; qz, cc, ix; stained with ix.
1041R	**Quartzite**--brwon; mg; qz, cc, ix; stained with ix.
1042R	**Limestone**--yellow; cc, qz; cc and qz veining.
1043R	**Conglomerate**--brown; conglomeratic, matrix-supported; cc, qz; no visible alteration.
1044R	**Limestone**--grey; mg; cc; no visible alteration.
1045R	**Limestone**--grey; mb, bx; cc, chert; no visible alteration.
1046R	**Quartzite**--light brown; qz; no visible alteration.
1047R	**Limestone**--dark grey; cc; lacey cc veinlets.
1048R	**Granodiorite**--grey; mg; fd, qz, bt, hornblende; no visible alteration.
1055R	**Schist**--contains minor qz veining.
1056R	**Limestone**--grey; bx; cc; no visible alteration.
1058R	**Limestone**--grey; bx; cc, ix; cc veining, minor ix staining.
1059R	**Limestone**--grey; bx; cc, ix, qz; minor qz-ix veining.
1103R	**Quartzite**--bluish-grey; fg; qz, ix; stained with ix.
1104R	**Limestone**--grey; fg, bx; cc, epidote.
1105	**Quartzite**--light grey; mg; qz, Mn-oxide, 2nd Cu minerals; disseminated oxide and carbonate minerals.
1106	**Quartzite**--light grey; mg; qz, Mn-oxide, ix, 2nd Cu minerals; contains disseminated and veinlet ix, Mn-oxides, and Cu minerals.

3093A **Quartzite**
3094A **Carbonate**
3094B **Schist**--sheared; stained.
3095A **Quartzite**--qz, clays; clays in shear zone.
3097 **Quartzite**--fracture zone.
3098 **Gouge**
3099 **Quartzite**--yellowish-brown; bx; qz, ix; ix staining along fractures.
3100 **Dike**--fd, qz, bt; altered to clays.
3101 **Quartzite**
3102 **Vein**--bx.
3103 **Shale**
3105A **Carbonate**
3105B **Carbonate**
3106 **Quartzite**--stained red.
3107A **Carbonate**--silicified.
3107B **Carbonate**--sheared and stained.
3107C **Gossan**
3108 **Carbonate**--bx; silicified.
3109 **Carbonate**--bx; silicified.
3110 **Carbonate**--silicified.
3111 **Shale**
3113B **Vein**--ba
3113C **Carbonate**--contains cc veins.
3113D **Gouge**
3114A **Quartzite**--sheared; stained with ix.
3114B **Carbonate**--silicified.
3114C **Quartzite**
3114D **Quartzite**--sheared; stained with ix.
3114E **Quartzite**--stained with ix.
3116 **Carbonate**--bx.
3117A **Carbonate**--cut by cc veins.
3117B **Quartzite**--cut by qz veins.
3118 **Quartzite**
3119A **Carbonate**--cut by cc veins.
3119B **Quartzite**
3120A **Carbonate**--cut by cc veins.
3120B **Quartzite**
3120C **Carbonate**--cut by cc veins.
3120D **Carbonate**--silicified.
3121 **Quartzite**
3122A **Carbonate**
3122B **Carbonate**
5036A **Jasperoid**--brown; vfg; qz, ix; pervasive replacement of limestone, occurs parallel to bedding, approx 30 cm thick.
5036B **Jasperoid**--gray, yellow; cg, vuggy; qz, ix; total replacment.
5037 **Limestone**--mottled gray and brown; vfg, massive; cc; weakly silicified, cut by lacey cc veinlets.
5038 **Shale**--brown; platey; mica, clays, ix, cc; heavy ix staining.

5039A **Jasperoid**--white and brown; massive, vfg jasperoid and comb-qz; qz, ix; pervasive silicification of carbonate.

5039B **Jasperoid**--white to medium brown; vfg, vuggy; qz; pervasive replacment.

5040 **Jasperoid**--white and brown; fg to vcg, vuggy; qz, ix; pervasive replacement.

5047A **Granodiorite**--grey; granular; fd, qz, bt;

5047B **Vein**--milky-white; fg; qz, mica, ix; stained with ix.

5048A **Granodiorite**--grey; cg, granular; fd, qz, bt; no visible alteration.

5048B **Dike**--grey; vfg, granular; fd, bt; no visible alteration.

5049 **Granodiorite**--grey; vcg, granular; fd, qz, bt; no visible alteration.

5050 **Granodiorite**--light-brown; vcg, granular; fd, qz, mv, py; contains disseminated py, 2nd ix, 2nd mv.

5051 **Granodiorite**--grey; vcg, granular; fd, qz, bt; no visible alteration.

5052 **Quartzite**--grey; fg; qz, ix; contains small vugs of ix.

5115 **Limestone**--grey; bx; cc; no visible alteration.

5116A **Quartzite**--white; fg, massive; qz; minor ix staining.

5116B **Gouge**--yellow; friable; qz, ix.

5117 **Quartzite**--white; fg, massive; qz, ix; stained with ix.

5118 **Vein**--dark brown; vcg, massive; qz, ix; qz occurs as clasts in ix matrix.

5119 **Vein**--white; vcg, vuggy; qz, ix, mv; stained with ix.

5120 **Vein**--white; cg, vuggy; qz, ix; stained with ix.

5121 **Breccia**--brown; earthy; ix; from fracture zone in micaceous shale.

5122 **Vein**--white; vcg, vuggy, comb-qz; qz, ix, py, mv; ix staining.

5503R **Granodiorite**--grey; aplitic to porphyritic; qz, fd, micas; no visible alteration.

5504R **Granodiorite**--grey; aplitic to porphyritic; qz, fd, micas; no visible alteration.

5506R **Granodiorite**--grey; aplitic to porphyritic; qz, fd, micas; no visible alteration.

5509R **Granodiorite**--grey; aplitic to porphyritic; qz, fd, micas; no visible alteration.

5510A **Vein**--white; cg to vcg, vuggy; qz, ix; heavily stained with ix.

5510B **Quartzite**--yellow-brown; fg; qz, ix, py; disseminated py, ix, heavily stained.

5510C **Dike**--white; fg, granular; qz, fd, garnets; no visible alteration, aplitic.

5510D **Granodiorite**--grey; cg, graphic; qz, fd, mv; no visible alteration.

5510E **Quartzite**--brown; fg; qz, mv, ix; oxide staining.

5510F **Pegmatite**--white; vcg, graphic; fd, qz, mv; no visible alteration.

5511R **Granodiorite**--grey; cg, graphic; qz, fd, mv; no visible alteration.

5512R **Granodiorite**--grey; cg, graphic; qz, fd, mv; no visible alteration.

5513R **Granodiorite**--grey; cg, graphic; qz, fd, mv; no visible alteration.

5514R **Granodiorite**--grey; cg, graphic; qz, fd, mv; no visible alteration.

5515A **Quartzite**--brown and white; fg, bx; qz, ix; heavily stained with ix.

5515B **Quartzite**--brown and white; fg, bx; qz, ix; heavily stained with ix.

5515C **Quartzite**--brown and white; fg, bx; qz, ix; heavily stained with ix.

5516A **Vein**--white and grey; vcg; qz, ba.

5516B **Vein**--white and grey; vcg; qz.

5516C **Vein**--white and grey; vcg; qz.

5517A **Volcanic**--brown; friable; clays, micas, gypsum, lithic clasts (mostly granodiorite).

5517B **Volcanic**--light grey; friable; clays, lithic clasts; no visible alteration.

5520A **Jasperoid**--light grey; microxln; qz, malachite; pervasive silicification parallel to bedding.

5520B **Jasperoid**--light grey; microxln, bx; qz; pervasvive silicification parallel to bedding.

5520C **Breccia**--grey clasts, white matrix; bx; cc, qz cement; varying amounts of silcification as cement of cc clasts within breccia.

5520D **Breccia**--grey clasts, white matrix; bx; cc, qz cement; varying amounts of silcification as cement of cc clasts within breccia.

5520E **Breccia**--grey clasts, white matrix; bx; cc, qz cement; varying amounts of silcification as cement of cc clasts within breccia.

5520G **Jasperoid**--grey; microxln; qz; partially silcified zone parallel to bedding.

5525A **Quartzite**--white; fg, bx; qz, ix; intensely brcciated, iron-stained; near thrust fault.

5525B **Quartzite**--white; fg, bx; qz, ix; laced with milky qz veinlets.

5526A **Quartzite**--white; fg, bx; qz, ix; laced with milky qz veinlets, heavily stained with ix.

5526B **Quartzite**--white; fg, bx; qz, ix; laced with milky qz veinlets, heavily stained with ix.

5526C **Dolostone**--grey; microxln, bx; do, qz; partially silicified.

5527A **Quartzite**--white; fg, bx; qz, py, ix; intentsely fractured, iron-stained, contains disseminated py, laced with qz veinlets.

5527B **Quartzite**--white; fg, bx; qz, py, ix; intentsely fractured, iron-stained, contains disseminated py, laced with qz veinlets.

5527C **Dolostone**--grey; microxln, bx; do, qz; partially silicified.

5528A **Dolostone**--brown; fg, earthy; do, cc; laced with white, 2nd cc.

5528B **Quartzite**--white; fg, bx; qz, py, ix; contains disseminated py, ix stainings, lacey qz veinlets; occurs at thrust fault contact.

5528C **Quartzite**--white; fg, bx; qz, py, ix; contains disseminated py, ix stainings, lacey qz veinlets; occurs at thrust fault contact.

5529A **Vein**--white, light brown; vfg, microxln; ba, cinnabar, py, ix.

5529B **Vein**--white, light brown; vfg, microxln; ba, cinnabar, py, ix.

5529C **Quartzite**--white; fg, bx; qz, py, ix; intesely brecciated, laced with qz veinlets.

5529D **Dolostone**--grey, brown; bx; do, ix, ba, qz; intensely altered fracture zone cut by qz, ba veins and veinlets.

5529E **Vein**--white, light brown; vfg, microxln; ba, cinnabar, py, ix.

5530A **Phyllite**--grey, brown; fg, shaley; clays, micas, qz, ix; stained with ix.

5531A **Quartzite**--white; fg, bx; qz, ix, py; intensely fractured, stained with ix, laced with qz veinlets.

5531B **Vein**--white; vfg; qz, ix, py; consists mostly of qz, cuts quartzite.

5531C **Dolostone**--grey; mg, sandy, bx; do, cc; brecciated dolostone is laced with cc veinlets.

5532A **Quartzite**--white; fg to cg, bx; qz, ix, py; intensely fractured, ix stained, lacey qz veinlets.

5532B **Vein**--milky white; vfg, microxln; qz, ix; occurs within quartzite.

5532C **Dolostone**--dark grey; mg, bx; do; no visible alteration.

5533A **Quartzite**--white; mg to cg, bx; qz; minor qz veining.

5533B **Limestone**--dark grey to white; fg; cc; no visible alteration.

5534A **Quartzite**--white; mg to cg, bx; qz, ix; laced with ix stainings, minor volume of qz veinlets.

5534B **Limestone**--grey; fg, bx; cc; intensely brecciated.

5535A **Quartzite**--light-brown; cg, bx; qz; no visible alteration.

5535B **Dolostone**--medium-grey; fg, sugary; do, cc; cut by minor amount of cc veinlets.

5536A **Quartzite**--white, grey; mg to cg, bx; qz, fd, mica, py, ix; minor volume of qz veining, ix staining, disseminated py.

5537A **Gouge**--yellow-brown; friable; clays, ix; highly altered, fractured.

5537B **Vein**--white, brown; fg, bx; qz, ix, mv.

5537C **Vein**--white, brown; fg, bx; qz, ix, mv.

5538A **Vein**--white, grey; vcg; mv, qz, ix, beryl; oxidized, mv-rich vein material; cuts schist.

5538B **Vein**--white, brown; fg; qz, ix; cuts schist.

5538C **Vein**--white, grey; vcg; mv, qz, ix, beryl; oxidized, mv-rich vein material, cuts schist.

5539A **Vein**--white, brown; vfg, vuggy; qz, ix; occurs in carbonate horizon.

5543A **Vein**--white; vfg, massive; qz, ix.

5544A **Vein**--white; vfg, massive; qz, ix; varying proportion of ix staining along qz vein.

5544B **Carbonate**--grey; vfg; cc, do, qz; partially silicified.

5544C **Breccia**--yellowish-brown; bx; lithic (quartzite) fragments, ix, qz; angular to subrounded quartzite fragments cemented in silicified, oxidized matrix.

5544D **Breccia**--yellowish-brown; bx; lithic (quartzite) fragments, ix, qz; angular to subrounded quartzite fragments cemented in silicified, oxidized matrix.

5544E **Vein**--white; vfg, massive; qz, ix; varying proportion of ix staining along qz vein.

5544F **Vein**--white; vfg, massive; qz, ix; varying proportion of ix staining along qz vein.

5546A **Granodiorite**--light grey; vcg, porphyritic; fd, qz, bt; no visible alteration.

5549A **Quartzite**--brown; vfg; qz, ix; includes veinlets and pockets of 2nd qz and ix.

5560A **Vein**--white; vfg to cg, vuggy; qz, ix, py; py occurs in vugs to 2-3 mm; vein is 20 cm wide, cuts granodiorite.

5560B **Granodiorite**--light grey; vcg, porphyritic; fd, qz, ix; stained with ix, laced with 2nd qz.

5561A **Granodiorite**--reddish-brown; vcg, porphyritic; fd, qz; deeply weathered.

5561B **Granodiorite**--reddish-brown; vcg, porphyritic; fd, qz, ix; weathered.

5562A **Breccia**--varied colored, red, brown, grey; bx, clasts to 6 cm, matrix sandy-textured; cc, do, ix.

5562B **Breccia**--varied colored, red, brown, grey; bx, clasts to 6 cm, matrix sandy-textured; cc, do, ix.

5562C **Limestone**--dark grey; vfg; cc; no visible alteration.

5562D **Dolostone**--brown; cg, sandy; do; no visible alteration.

5562E **Carbonate**--dark brown; mg to cg; cc, ix, galena; partially replaced carbonated with vugs and stringers of galena.

5562F **Carbonate**--dark brown; mg to cg; cc, ix, galena; partially replaced carbonated with vugs and stringers of galena.

5563A **Vein**--grey; cg to pegmatitic; mv, qz, ix, fluorite.

5563B **Skarn**--white; mg to cg; wollastonite, tremolite, mv; pervasive alteration of carbonate zone.

5563C **Vein**--white; fg; qz, mv, ix; stained ix zones occur as zones and segregations within schist.

5563D **Vein**--brown; bx; qz, clay, ix.

5563E **Gossan**--brown; friable; qz, clays, ix.

5563F **Schist**--grey; mg, schistose; mv, beryl.

5563G **Vein**--white, brown; vfg, massive; fluorite, ix, beryl; veins consists mostly of massive fluorite.

5564A **Gouge**--brown; friable; clays, ix, mv, qz; 2-6 cm wide zone.
5564B **Gouge**--brown; friable; clays, ix, mv, qz; 2-6 cm wide zone.
5564C **Vein**--white; vfg to mg; qz, ix, fluorite.
5564D **Alaskite**--white; mg; mv, qz, garnet; no visible alteration.
5565A **Vein**--white; vfg, massive; fluorite, ix.
5565B **Vein**--white, brown; vfg, massive; qz, ix; occurs as lenses and veins in schist.
5565C **Marble**--light grey; cg, equigranular; cc; no visible alteration.
5565D **Replacement**--brown; fg to cg, massive; ix, sphalerite, fluorite; banded, ix-replacement zone with fluorite segregations.
5565E **Skarn**--brown and white, banded; vfg; fluorite, ix, sphalerite, qz; rhythmically banded replacement zone.
5565F **Vein**--brownish-red; pegmatitic; mv, qz.
5565G **Vein**--white; vfg, massive; qz, galena, ix.
5565H **Vein**--white; vfg; massive; qz, ix.
5565I **Replacement**--dark brown; vfg, friable; ix.
5566A **Alaskite**--white; fg to cg, equigranular; qz, mv, ix, garnet; segregations of qz, ix stainings.
5567A **Greisen**--brown, yellow, white; fg to vcg, vuggy; mv, qz, ix, beryl.
5567B **Replacement**--brown; frothy; qz, ix.
5567C **Skarn**--pale green; fibrous; actinolite.
5567D **Vein**--white, brown; vfg, massive; qz, ix.
5567E **Vein**--brown; massive to vuggy, foliated; qz, mv, ix.
5567F **Vein**--white, brown; vfg; qz, ix.
5567G **Dolostone**--grey; vfg; do; no visible alteration.
5568A **Replacement**--brown; friable; ix, qz; partially to totally replaced zone in pelitic schist.
5568B **Replacement**--brown; friable; ix, qz; partially to totally replaced zone in pelitic schist.
5568C **Dolostone**--grey; microxln; do; no visible alteration.
5568D **Schist**--grey; schistose; mv, ix.
5568E **Vein**--brown; mg to cg, massive; py, ix, chalcopyrite; from pervasive replacement zone.
5569A **Vein**--white; vfg, massive; qz, ix.
5569B **Replacement**--brown; earthy; ix, qz.
5569C **Dolostone**--very dark grey; microxln; do; minor ix staining.
5570A **Vein**--white; vfg, banded; qz, ix.
5570B **Vein**--white; vfg, banded, qz.
5570C **Amphibolite**--green; fg, fractured; amphiboles, qz, ix; heavily stained with ix.
5571A **Vein**--brown; bx; qz, ix; occurs as thin zone on west side of massive quartz vein (see 5571B, 5571C).
5571B **Vein**--white, brown; vfg to cg, vuggy; qz, hm, py; occupies approx 1 m wide, north-trending bx zone.
5571C **Vein**--white, brown; vfg to cg, vuggy; qz, hm, py;

occupies approx 1 m wide, north-trending bx zone.

5571D **Quartzite**--light grey; mg to cg; qz, py, ix.

5572A **Granodiorite**--light grey; mg, equigranular; qz, fd, bt, minor hornblende; contains minor amounts of ix along fractures.

5573A **Quartzite**--light grey; mg to cg; qz, py, ix.

5573B **Vein**--white, brown; vfg to cg, vuggy; qz, hm, py.

5573C **Vein**--white, brown; vfg to cg, vuggy; qz, hm, py, chalcopyrite.

5574A **Conglomerate**--black, grey; vfg to cg, poorly-sorted; lithic clasts, qz, py, ix; heavily stained with ix.

5575A **Granodiorite**--pale grey; mg to cg; qz, fd, bt; propylitized, locally stained with ix.

5576A **Vein**--white, brown; vfg, massive; qz, ix; heavily stained with ix.

5577A **Vein**--white; cg, vuggy; qz, ix.

5577B **Quartzite**--white; fg to cg; qz, ix; heavily stained with ix.

5578A **Vein**--white, bronw; fg to cg, vuggy; qz, py, ix.

5578B **Vein**--white, bronw; fg to cg, vuggy; qz, py, ix.

5578C **Quartzite**--white; fg to cg, poorly sorted; qz, py, ix; contains varying proportions of disseminated py and py along fractures.

5578D **Quartzite**--white; fg to cg, poorly sorted; qz, py, ix; contains varying proportions of disseminated py and py along fractures.

5579A **Dike**--green; fg with 1 cm lathes of hornblende; hb, fd, aphanitic groundmass; propylitized.

5580A **Dike**--light grey; mg, equigranular; qz, fd, bt; variably propylitized.

5581A **Dike**--light grey; mg, equigranular; qz, fd, bt; variably propylitized.

5582A **Dike**--light grey; mg, equigranular; qz, fd, bt; variably propylitized.

5583A **Dike**--light grey; mg, equigranular; qz, fd, bt; variably propylitized.

5590A **Dike**--grey; porphyritic; hornblende, aphanitic groundmass; no visible alteration.

5591A **Quartzite**--greyish-green; fg to cg; qz, ix; stained with ix, laced with qz veinlets.

5591B **Quartzite**--greyish-green; fg to cg; qz, ix; stained with ix, laced with qz veinlets.

Appendix 5--Succinct descriptions of rock samples collected from the Desert Mountain area, Utah. Format for descriptions and explanation of abbreviations given in appendix 1.

SAMPLE No.	DESCRIPTION
5125A	**Granite**--grey; fg, homogranular; fd, qz, bt; no visible alteration.
5125B	**Vein**--white; vcg; qz, fd, mv, ix; no visible alteration.
5125C	**Vein**--white; vfg, massive; qz, ix; contains minor ix staining.
5126	**Vein**--grey; fg, vuggy; qz, ix, molybdenite; heavily stained with ix; occurs at contact between granite and andesite.
5127	**Dike**--dark green; microxln; fd, hornblende; no visible alteration.
5128	**Limestone**--white; mg, crystalline; cc.
5129A	**Granite**--grey; mg, homocrystalline; qz, fd, bt, ix; very minor amount of ix staining.
5129B	**Vein**--white; fg; qz, ix.
5130A	**Vein**--grey; vfg to mg, masssive; qz, ix, chalcopyrite.
5130B	**Vein**--grey; vcg, vuggy; fluorite, qz, ix, chalcopyrite, py.
5131	**Granite**--brown; homocrystallin, cut by stockwork veining; fd, clays, qz, ix, chrysocolla; highly altered.
5132	**Granite**--pale green; homocrystalline; qz, unidentified green minerals.
5442A	**Granite**--light grey; mg, homocrystalline; fd, qz, ix, 2nd Cu minerals, ba; cut by small ix veinlets, Cu-bearing fractures.
5442B	**Granite**--light grey; mg, homocrystalline; fd, qz, ix, 2nd Cu minerals, ba; cut by small ix veinlets, Cu-bearing fractures.
5442C	**Vein**--brown, green, white; vfg, vuggy to vcg, massive; qz, py, ix, ba, 2nd Cu minerals.
5442D	**Vein**--brown, green, white; vfg, vuggy to vcg, massive; qz, py, ix, ba, 2nd Cu minerals.
5442E	**Dike**--green; fg; fd, pyroxenes; no visible alteration.
5443	**Granite**--light grey; cg, homocrystallin; fd, qz, bt; no visible alteration.
5735A,B,C	**Granite**--grey; fg, porphyritic; qz, mv, fd, ix; variably stained with ix.
5800A	**Quartzite**--white, brown; fg to cg, poorly-sorted; qz, ix; poorly-exposed, occurs as blocks in tuff.
5800B	**Tuff**--white; clays, ix; highly altered (argillized ?).
5800C	**Quartzite**--white, green; fg to cg, fibrous; qz, actinolite, ix, chlorite; occurs as blocks in tuff.
5801A	**Tuff**--grey, white; homocrystalline to porphyritic; qz, fd, clays, ix; variably altered to pervasively altered.

5802A,B	**Rhyolite**--yellowish brown; microxln, stockwork veined; qz, ix; intensely silicified.
5803A,B	**Tuff**--purplish white; porphyritic, friable; clays, ix; intensely altered.
5803C	**Jasperoid**--brown; qz, py; massive; replaces tuff.
5803D	**Gouge**--varied colored; bx, friable; clay, qz, ix, py; occurs as near-vertical zones cutting other altered zones.
5804A,C	**Jasperoid**--brown; fg, microxln; qz, ix; pervasive replacement of tuff.
5804B	**Tuff**--brown; porphyritic; clays, ix; intensely altered (argillized ?), including relict py disseminations.
5805A	**Jasperoid**--grey; microxln with relict porphyry texture; qz; pervasive silicification.
5806A,B	**Gouge**--yellowish-brown; clayey; clays, ix; 2nd Pb minerals; from north-trending zones cutting tillite.
5807A	**Gouge**--yellowish-brown; clayey; clays, ix; 2nd Pb minerals; from north-trending zones cutting tillite.
5807B	**Tillite**--grey, brown; fg to conglomeratic; qz, lithic fragments; ix; veined with disseminated qz, ix.
5808A	**Gouge**--yellowish-brown; clayey; clays, ix; heavily stained with ix; from north-trending zones cutting tillite.Fe
5809A,B	**Vein**--brown; vfg to vcg, massive to vuggy; ba, ix, qz.
5810A	**Rhyolite**--white; fg; qz, clay; highly altered.
5811A	**Rhyolite**--grey; fg to mg, homocrystalline to porphyritic; qz, clays, lithic fragments.
5812A	**Jasperoid**--white; fg, bx, foliated; qz, ix; appears to be silicified volcanic.

Appendix 6A--Succinct descriptions of rock samples collected from the Detroit mining district, Utah. Format for descriptions and explanation of abbreviations given in appendix 1.

SAMPLE No.	DESCRIPTION
5210A	**Gouge**--red, white, yellow; microxln to vfg, bx; kaolinite, hematite, cc; from intensely altered zone that parallels bedding.
5210B	**Limestone**--gray; vfg to shaley; cc, clay.
5210C	**Gouge**--varied colored, mostly shades of yellow; kaolinite, hematite, cc; from intensely altered zone that parallels bedding.
5210D	**Limestone**--gray; cg, recrystallized.
5210E	**Breccia**--white; porphyritic; clays, sericite, fd; pervasively sericitized.
5210F	**Limestone**--gray; vfg; no visible alteration.
5210G	**Gouge**--yellow; clayey; kaolinite.
5210H	**Shale**--pinkish-red; bx; heavily altered.
5210I	**Gouge**--red, white; banded, bx; kaolinite; from replacement horizon that parallels bedding.
5210J	**Limestone**--gray; vfg; cc.
5211A	**Jasperoid**--gray, brown; microxln, bx; qz, ix.
5211B	**Jasperoid**--gray, brown; microxln, bx; qz, ix.
5212B	**Jasperoid**--brown; bx; qz, ix; includes scattered, angular to rounded quartzite clasts.
5212C	**Limestone**--gray, red; bx; cc, clay, qz; partially silicified.
5212D	**Limestone**--gray, red; bx; cc, clay, qz; partially silicified.
5212E	**Gouge**--red, white; clayey; kaolinite, hematite, cc.
5212F	**Gouge**--yellow, red; clayey; kaolinite, hematite, cc.
5213	description not available.
5214A	**Porphyry**--white, brown; porphyritic; clays, sericite, ix; highly altered.
5214B	**Dike**--white; microxln; cuts porphyry.
5214C	**Porphyry**--yellow, brown; porphyritic, bx; ix, clay, sericite.
5271A	**Breccia**--brown; bx, porphyritic; ix, fd, clay.
5271B	**Shale**--gray; fissle; cc, qz, clay; no visible alteration.
5272A	**Replacement**--green; sandy; do, malachite, qz; replacement along jasperoid contact with dolostone.
5272B	**Jasperoid**--brown; frothy, bx; ix, qz; heavily oxidized, silicified dolostone.
5272C	**Dolostone**--gray; microxln to fg; do; no visible alteration.
5273A	**Gouge**--maroon; clayey; clays, ix; at contact between jasperoid and shale.
5273B	**Jasperoid**--gray, brown; microxln, bx; qz.
5273C	**Marble**--white, bray; vcg, banded.

5273D **Jasperoid**--brown; massive to frothy; qz, ix, malachite.
5274A **Jasperoid**--red; massive; qz, ix.
5274B **Shale**--brown; fissle; clay, ix, qz.
5275A **Replacement**--black; massive; Mn-oxide minerals.
5275B **Vein**--gray, yellow; fg; py, qz.
5276A **Jasperoid**--brown, green; cg, massive; ix, qz, malachite.
5276B **Porphyry**--gray; porphyritic; fd, hb, bt, ix.
5277A **Jasperoid**--brown; microxln, bx; qz, ix.
5277B **Jasperoid**--black; microxln, bx; Mn-oxide minerals.
5277C **Jasperoid**--green, blue, brown; massive; qz, ix, malachite, chrysocolla.
5278 **Diorite**--green; vfg, equigranular; fd; no visible alteration.
5279A **Replacement**--blue, green, gary; massive; cc, malachite, azurite.
5279B **Jasperoid**--black, brown; microxln, frothy; qz, ix.
5279C **Limestone**--gray; vfg; cc; no visible alteration.
5280A **Jasperoid**--brown, red, gray; microxln, bx; qz, ix.
5280B **Shale**--gray; fissle; cc; no visible alteration.
5281A **Jasperoid**--brown; frothy; ix, qz, malachite.
5282A **Replacement**--brown, yellow; earthy; ix, clay, qz.
5282B **Jasperoid**--brown, gray; massive to frothy, microxln; ix; from zone .3-.7 m wide that cuts across limestone bedding.
5283A **Jasperoid**--brown, green; massive; qz, ix, malachite.
5283B **Jasperoid**--brown; massive to bx; qz, ix.
5284A **Gouge**--yellow; clayey; ix, clay.
5284B **Jasperoid**--brown, green; massive; ix, qz, malachite; from zone that is up to several m thick, cuts across limestone bedding.
5285A **Dolostone**--gray; microxln; do; contains minor ix staining along fractures.
5285B **Jasperoid**--brown; vuggy; qz, ix, 2nd sulfosalt minerals.
5285C **Jasperoid**--green; vuggy; malachite, clay, qz, do; partial replacement of dolostone.
5286 **Limestone**--gray; microxln; cc; cut by cc veinlets.
5287A **Replacement**--black, brown; vcg, massive; Mn-oxide minerals, ix, rhodochrosite.
5287B **Replacement**--brown; vcg, massive; cc, rhodochrosite.
5288 **Gouge**--black, brown; clayey; clay, Mn-oxide minerals, ix.
5289A **Quartzite**--black, brown; cg, well-sorted; qz, Mn-oxide minerals.
5289B **Replacement**--yellowish-white; microxln; qz.
5289C **Replacement**--black, brown; friable; Mn-oxide mienrals, ix, qz.
5289D **Replacement**--bluish-gray; massive; Mn-oxide minerals.
5290A **Replacement**--brown, gray; vcg, massive; Mn-oxide minerals, ix, cc, qz; partial replacment of carbonate.
5290B **Replacement**--black, brown; friable; Mn-oxide minerals,

ix.

5291A **Gouge**--brown, yellow; clayey; clay, Mn-oxide minerals, ix.

5291B **Jasperoid**--gray, red; microxln, bx; qz, ix; occurs as clasts within gouge.

5337A **Replacement**--brown; massive; Mn-oxide minerals, do.

5337B **Replacement**--brown; massive, vcg; recrystallized carbonate minerals, ix minerals.

5337C **Jasperoid**--red, brown, gray; microxln, vuggy; qz, ix; pervasive replacement zone.

5337D **Jasperoid**--varied-colored; fg, vuggy; qz, ix.

5338 **Breccia**--yellowish-brown; bx; qz, ix, quartzite clasts; matrix is oxidized.

5339A **Quartz Latite**--white, yellow, brown; porphyritic to granitic; hb, bt, fd, qz, ix, clays; altered to clays, stained along network veinlets.

5339B **Quartz Latite**--white, yellow, brown; porphyritic to granitic; hb, bt, fd, qz, ix, clays; altered to clays, stained along network veinlets.

5340A **Latite**--white, brown; porphyritic; clays; altered to clays, stained along network veinlets.

5340B **Latite**--white, brown; porphyritic; clays; altered to clays, stained along network veinlets.

5341 **Breccia**--brown; bx, clasts to 30 cm; clays, ix.

5342 **Breccia**--red; porphyritic to bx; hb, bt, fd, qz, ix.

5344 **Latite**--pink; porphyritic, phenocrysts to 5 mm; fd, hb, bt.

5345A **Porphyry**--pale gray to pale yellow; porphyritic, phenocrysts to 7 mm; clay; pervasively altered to clays.

5345B **Porphyry**--pale gray to pale yellow; porphyritic, phenocrysts to 7 mm; clay; pervasively altered to clays.

5345C **Replacement**--black, browns; massive to frothy; Mn-oxide minerals, ix; 100% replacement.

5345D **Replacement**--black, browns; massive to frothy; Mn-oxide minerals, ix; 100% replacement.

5345E **Replacement**--black, browns; massive to frothy; Mn-oxide minerals, ix; 100% replacement.

5345F **Replacement**--black, browns; massive to frothy; Mn-oxide minerals, ix; 100% replacement.

5346A **Jasperoid**--brown; microxln; qz, ix.

5391 **Porphyry**--green; porphyritic, phenocrysts 5-10 mm; pyroxene minerals, fd, aphanitic groundmass; no visible alteration.

5392A **Dike**--red, brown; bx; silicified zone with clasts of rounded quartzite pebbles, pods of clays.

5392B **Shale**--red and white; banded, clayey; clays, ix.

5393A **Breccia**--white, red; bx; clayey matrix, carbonate clasts; highly altered to clays and ix.

5393B **Dike**--gray, yellow, brown; bx; silicified zone with clasts of rounded quartzite and jasperoid pebbles.

5393C **Jasperoid**--pale green; microxln; qz; occurs within pebble dike.
5393D **Sandstone**--brown; sandy, fg.
5393E **Jasperoid**--green, brown; microxln, network fractured; qz, ix.
5393F **Dike**--green, white; porphyritic, phenocrysts to 5 mm; fd, clay, amphibole minerals; pervasively altered.
5393G **Dike**--gray, brown; bx; lithic clasts, ix.
5393H **Porphyry**--white to pale gray; porphyritic; clays, py; pervasively altered.
5393I **Carbonate**--gray, brown; vfg; qz, do, py.
5393J **Carbonate**--gray, brown; vfg; qz, do, py.
5393K **Limestone**--gray; microxln with mg py on fracture surfaces; cc, py.
5393L **Limestone**--gray; microxln with mg py on fracture surfaces; cc, py.
5393M **Replacement**--red, brown, gray; clayey; clays, do, qz, ix; altered zone cuts across bedding.
5393N **Replacement**--red, brown, gray; clayey; clays, do, qz, ix; altered zone cuts across bedding.
5393O **Replacement**--red, brown, gray; clayey; clays, do, qz, ix; altered zone cuts across bedding.
5393P **Dike**--varied-colored; bx, clayey; clays, quartzite pebbles, ix.
5393Q **Dike**--red, white; conglomeratic; quartzite and limestone pebbles, clays, ix; heavily stained with ix.
5394A **Porphyry**--brown, gray; porphyritic; hb, fd, ix, clays; heavily altered.
5395A **Breccia**--brown, red; bx; quartzite clasts, 2nd silicification.
5395B **Breccia**--brown, red; bx; quartzite clasts, 2nd silicification.
5420A **Gouge**--brown; friable, bx; ix.
5420B **Gouge**--brown; friable, bx; ix.
5420C **Jasperoid**--brown; bx, microxln; qz, ix.
5420D **Gouge**--brown, white; friable; clays, ix, limestone clasts.
5420E **Jasperoid**--brown; bx, microxln; qz, ix.
5421 **Replacement**--brown; friable; ix, cc.
5422 **Replacement**--brown; bx, friable; clays, ix.
5423 **Limestone**--red, yellow; fg; cc, ix.
5424A **Jasperoid**--brown; bx, microxln; qz, ix.
5424B **Limestone**--brown; fg, bx; cc, ix.
5425 **Porphyry**--green; porphyritic; phenocrysts altered to clays, groundmass altered to sericite.
5426A **Jasperoid**--brown; massive, microxln; qz.
5426B **Jasperoid**--brown; massive, microxln; qz.
5430A **Porphyry**--white; porphyritic; sericite, clays, py; highly altered.
5430B **Gouge**--red, brown; clayey; ix, clays.
5430C **Dike**--gray-green; bx; clays, qz, quartzite pebbles, py.
5430D **Limestone**--gray; microxln; cc, minor py.

5430E **Limestone**--gray; vfg; cc; no visible alteration.
5430F **Jasperoid**--greenish-gray; bx; qz, clasts of volcanic rocks and quartzite.
5430G description not available.
5430H **Dike**--gray; bx; clays, quartzite pebbles, py.
5430I **Limestone**--gray; sandy; qz; sanded limestone, carbonate minerals totally removed.
5430J **Gouge**--bright red; clayey; clays, ix.
5430K **Gouge**--bright red; clayey; clays, ix.
5430L **Jasperoid**--black; massive, microxln; qz, ix.
5431 **Jasperoid**--gray, blue, green; bx; qz, 2nd copper minerals.
5431B **Porphyry**--gray; porphyritic, phenocrysts to 4 mm; fd, bt, hb; no visible alteration.
5432A **Porphyry**--gray; porphyritic, phenocrysts to 4 mm; clays, sericite, quartzite pebbles; grades into pebble dike.
5432B **Porphyry**--green; porphyritic, phenocrysts to 4 mm; clorite, clay, quartzite pebbles.
5433A **Dike**--brown; bx; clay, ix, quartzite pebbles.
5433B **Jasperoid**--gray; microxln, bx; qz, 2nd copper minerals.
5433C **Jasperoid**--gray; microxln, bx; qz, 2nd copper minerals.
5737A **Quartzite**--green, gray; fg to vfg; qz, micas, clays, ix; ix occurs as pods and disseminations.
5737B **Quartzite**--brown; fg to vfg; qz, ix; heavily stained with ix.
5737C **Quartzite**--brown; fg to vfg; qz, ix; no visible alteration.
5737D **Vein**--white; mg to cg; qz, ix; cuts quartzite.
5737E **Vein**--white; mg to cg; qz, ix; cuts quartzite.
5737F **Dolostone**--gray; mg, equigranular; do, py; relatively fresh looking with patches of py.
5737G **Replacement**--brown, red; earthy; qz, ix, Mn-oxide minerals.
5738A **Quartzite**--gray; fg, bx; qz, qz veinlets.
5738B **Vein**--white; mg, massive; qz, minor ix; to 3 cm wide, cut quartzite.
5738C **Vein**--white; mg, massive; qz, minor ix; to 3 cm wide, cut quartzite.
5738D **Vein**--white; mg, massive; qz, minor ix; to 3 cm wide, cut quartzite.
5739A **Quartzite**--white; fg quartzite cut by network of mg to vcg quartz veinlets; qz, minor ix.
5739B **Quartzite**--white; fg quartzite cut by network of mg to vcg quartz veinlets; qz, minor ix.
5740A **Replacement**--gray, brown; vcg; cc.
5740B **Jasperoid**--gray, brown; microxln, bx; qz, Mn-oxide minerals, ix.
5740C **Jasperoid**--gray, brown; microxln, bx; qz, Mn-oxide minerals, ix.
5741A **Jasperoid**--blue-green, brown, gray; massive to frothy; qz, cc, 2nd Cu-minerals, ix; variably replaced marble.

5741B	**Jasperoid**--blue-green, brown, gray; massive to frothy; qz, cc, 2nd Cu-minerals, ix; variably replaced marble.
5742A	**Jasperoid**--gray, brown; bx; qz, ix.
5742B	**Jasperoid**--gray, brown; bx; qz, ix.
5743A	**Jasperoid**--brown; bx; qz, ix.
5743B	**Granodiorite**--white; fg, equigranular; qz, clays; highly altered.
5745A	**Gossan**--brown; vfg; ix.
5745B	**Jasperoid**--brown; microxln; qz, ix.
5745C	**Replacement**--brown; frothy; ix, qz.
5746A	**Jasperoid**--brown, gray; microxln to fg, massive; qz, ix, minor 2nd Cu minerals.
5746B	**Jasperoid**--brown, gray; microxln to fg, massive; qz, ix, minor 2nd Cu minerals.
5747A	**Jasperoid**--gray; microxln, massive; qz, ix.
5747B	**Gossan**--brown; frothy; qz, ix, Mn-oxide minerals.
5747C	**Replacement**--brown; earthy; qz, ix.
5748A	**Replacement**--brown; earthy; ix.
S70W	**Jasperoid**--gray, brown; microxln, vuggy; qz, ix.
S71W	**Jasperoid**--gray, white; microxln, vuggy; qz, clay.
S72W	**Limestone**--gray; fg; cc, qz; moderately silicifed limestone.
BR1	**Limestone**--red; earthy; clay, ix, Mn-oxide minerals; heavily oxidized alteration zone in limestone.
CH1	**Limestone**--gray; fg; cc, qz, ix; moderately to heavily silicifed zone.
CH2	**Limestone**--brown, red; microxln to fg; ix, cc, 2nd copper minerals.
CH3	**Jasperoid**--gray; microxln; qz, ix.
CH4	**Limestone**--gray; fg; clay, qz, cc, ix, 2nd copper minerals.
CH5	**Jasperoid**--gray; microxln, vuggy; qz, ix.
S71	**Dike**--gray; bx; qz, clay, ix, quartzite pebbles.
KEY1	**Vein**--gray; fg to mg; qz, clay, Mn-oxide minerals, 2nd Cu minerals.
SEA1	description not available.
SMZ1	**Gossan**--earthy; cc, do, ix, Mn-oxide minerals.
OCT1B	description not available.
56X2	**Dike**--gray; bx; qz, clay, quartzite pebbles, ix.
56X3	**Dike**--gray; bx; qz, clay, quartzite pebbles, ix.

Appendix 6B--Succinct descriptions of rock samples collected from the Dugway mining district, Utah. Format for descriptions and explanation of abbreviations given in appendix 1.

SAMPLE No.	DESCRIPTION
5717A	**Vein**--white; vfg, banded; qz.
5717B	**Vein**--white; vfg, banded; qz.
5718A	**Vein**--white, brown; fg to vcg, banded, vuggy; qz, galena, ix, chalcopyrite; cuts propylitized volcanic rocks.
5718B	**Vein**--white, brown; fg to vcg, banded, vuggy; qz, galena, ix, chalcopyrite; cuts propylitized volcanic rocks.
5719A	**Limestone**--gray, brown; fg, sandy; cc, qz, ix; laced with ix stringers.
5719B	**Limestone**--gray, brown; fg, sandy; cc, qz, ix; laced with ix stringers.
5719C	**Limestone**--gray, brown; fg, sandy; cc, qz, ix; laced with ix stringers.
5719D	**Limestone**--gray, brown; fg, sandy; cc, qz, ix; laced with ix stringers.
5719E	**Limestone**--gray, brown; fg, sandy; cc, qz, ix; laced with ix stringers.
5720A	**Dolostone**--gray, brown; vfg, sandy; do.

Appendix 7--Succinct descriptions of rock samples collected from the Fish Springs Range, Utah. Format for descriptions and explanation of abbreviations given in appendix 1.

SAMPLE No.	DESCRIPTION
FS1	**Limestone**--silicified.
FS2	**Gossan**--
FS3	**Gossan**--
FS4	**Vein**--qz.
FS5	**Dolostone**--
0013	**Limestone**--gray; cut by cc and ix veinlets and veins.
0014	**Limestone**--gray; cut by cc and ix veinlets and veins.
0015	**Limestone**--gray; cut by cc and ix veinlets and veins.
0017	**Limestone**--gray.
0018	**Limestone**--gray.
0019	**Limestone**--gray.
0021	**Limestone**--gray.
0023	**Limestone**--gray; cut by cc veinlets.
0024	**Limestone**--gray; cut by cc veinlets.
0025	**Limestone**--gray; cut by cc, ix veinlets.
0027	**Limestone**--gray.
0028	**Limestone**--gray; cut by cc veinlets.
0029	**Limestone**--gray; cut by cc veinlets.
0030	**Limestone**--gray; cut by cc veinlets.
0032	**Limestone**--gray.
0033	**Limestone**--gray; cc, chert.
0035	**Limestone**--gray.
0036	**Limestone**--gray, red; cc, ix.
0037	**Limestone**--gray, black; cc, chert.
0038	**Limestone**--gray, black; cc, chert.
0039	**Limestone**--gray, black; cc, chert.
0040	**Limestone**--gray, red; cc, ix.
0041	**Limestone**--gray.
1024R	**Limestone**--moderately silicified.
1026R	**Limestone**--
1027R	**Limestone**--cc, chert.
1028R	**Limestone**--gray; contains cc veinlets.
1029R	**Limestone**--gray.
1030R	**Limestone**--cc, chert.
1034R	**Limestone**--gray; cc, ix; moderately silicified, cut by cc veins.
1035R	**Limestone**--gray; cc, ix; moderately silicified, cut by cc veins.
1050R	**Limestone**--
1060R	**Limestone**--
5015A	**Dike**--white; vfg, equigranular; qz, bt, sericite; contains minor ix staining.
5015B	**Gossan**--brown; boxwork to massive; ix, qz, 2nd base-metal minerals; heavily oxidized.
5016	**Breccia**--gray; angular to sub-rounded pebble breccia.

5017A **Breccia**--gray; bx; cc. ix.
5017B **Jasperoid**--gray; vfg, granular; qz.
5018 **Dolostone**--gray; mg; do, qz; contains up to 10 % 2nd qz.
5020 **Limestone**--gray, yellow; bx; cc, ix.
5021A **Gossan**--brown; ix, smithsonite.
5021B **Replacement**--brown; qz, ix; total replacement of carbonate.
5022 **Dolostone**--gray; fg, bx; do, qz; cut by qz veinlets.
5023 **Dolostone**--gray, white; vfg; do, qz, ix; partially replaced by qz and ix.
5024 **Dolostone**--gray, yellow; bx, clasts to 5 mm; do, qz, ix.
5025 **Dolostone**--gray; mg; do, qz, ix; partial replacement by qz, ix.
5026A **Dolostone**--gray, white; vfg to mg, banded; do, ix.
5026B **Replacement**--brown; massive to frothy; ix, qz; total replacement of carbonate.
5027A **Replacement**--brown; massive to vuggy; cc, ix, cerussite, smithsonite.
5027B **Dolostone**--gray; cg; do, ix; patial replacement by ix.
5028B **Dolostone**--gray; massive; do, ix.
5029A **Dolostone**--gray; fg with boxwork silicification; do, cc, qz.
5029B **Dike**--yellowish brown; microxln; qz, bt, sericite, ix; heavily stained with ix minerals.
5030A **Gossan**--yellow-brown; frothy; from quartzite.
5030B **Gossan**--dark brown; massive; ix.
5030C **Quartzite**--white; poorly-sorted; qz; no visible alteration.
5041 **Gouge**--brown; massive; ix, clays; at quartzite-limestone contact.
5042 **Breccia**--gray, white, red; bx, clasts to 8 mm; do, qz, ix.
5043A **Breccia**--brown; earthy, bx, vuggy; qz, ix; 10 cm wide zone cuts dolostone at contact with quartzite.
5043B **Gossan**--earthy; ix.
5045A **Vein**--brown; vcg, bx; cc, ix.
5045B **Vein**--white; vcg, vuggy; cc, do.
5045C **Vein**--brown; vcg; cc, do.
5046 **Vein**--pink to brown; cg, massive; cc, ix.
5053 **Limestone**--gray, red, white; bx; cc, ix; limestone is brecciated and cut by anastomosing cc veinlets.
5054 **Vein**--white; vcg; cc, ix.
5055 **Limestone**--gray, red; bx; cc, ix.
5056 **Limestone**--gray, white, red; bx; cc, ix.
5057 **Limestone**--gray, red, white; bx; cc.
5203 **Vein**--reddish-brown; cg, bx; cc, ix.
5204A **Limestone**--red, yellow; bx; cc, ix; veined and brecciated.
5204B **Limestone**--gray, brown; vfg, mottled; cc, clays; no visible alteration.

5204C **Sandstone**--gray; vcg; cc, qz, ix.
5240D **Vein**--red, yellow; bx, cc, ix.
5205 **Dolostone**--red; vcg, bx; do, ix.
5207 **Vein**--yellow; vcg; cc, ix.
5208 **Nodules**--brown; microxln; ix; from within limestone.
5209 **Limestone**--gray, brown; cg; cc, ix.
5347A **Replacement**--brown; massive, microxln; ix, qz; total replacment of limestone.
5347B **Replacement**--brown; massive to frothy; ix; total replacement of limestone.
5347C **Jasperoid**--black, brown; massive, microxln; ix, qz; total replacement of limestone.
5348A **Shale**--brown; shaley, bx; cc, ix; patially replaced by ix.
5348B **Limestone**--gray, brown; bx; cc, ix, qz; partial replacement by qz, ix.
5349A **Shale**--brown; shaley; cc, ix; heavily stained with ix.
5349B **Limestone**--gray; microxln; cc, qz, ix.
5350A **Quartzite**--white, yellow, brown; bx; qz, ix.
5350B **Quartzite**--white, yellow, brown; bx; qz, ix.
5351A **Quartzite**--white, yellow, brown; bx; qz, ix.
5352 **Replacement**--brown, black; massive to frothy, bx; ix, Mn-oxide minerals; total replacement.
5353A **Limestone**--gray, brown; bx; cc, ix.
5353B **Limestone**--gray, brown; bx; cc, ix.
5355A **Hot Spring deposit**--brown; frothy, microxln; cc, ix, travertine.
5355B **Hot Spring deposit**--brown; frothy, microxln; cc, ix, travertine.
5355C **Hot Spring deposit**--gray; earthy, microxln; cc, ix, travertine.
5356A **Limestone**--gray; vfg; cc; no visible alteration.
5356B **Limestone**--gray; vfg; cc, ix; ix along fractures.
5357 **Limestone**--white to brown; bx; cc; cut by cc veins and veinlets.
5358A **Replacement**--white; microxln, massive; magnesite.
5358B **Replacement**--white; microxln, massive; magnesite.
5359A **Replacement**--white; microxln, massive; magnesite.
5359B **Marble**--white; vcg; cc.
5359C **Breccia**--white; bx; cc, ix.
5360 **Vein**--white; bcg, bx; cc, ix.
5361 **Marble**--white; vfg to vcg; cc, ix; cut by cc veins.
5362A **Replacement**--brown; microxln, vuggy; ix, cc, qz; occurs along fracture zone.
5362B **Replacement**--brown; microxln, vuggy; ix, cc, qz; occurs along fracture zone.
5363A **Dolostone**--gray, brown; cg, bx; do, ix; heavily stained along fractures.
5363B **Dolostone**--gray, brown; cg, bx; do, ix; heavily stained along fractures.
5364A **Marble**--white; bx; cc, ix.
5364B **Dike**--white; porphyritic; fd, bt, clay, ix, aphanitic

groundmass; stained with ix, feldspars altered to clays.

5365A **Dike**--gray; porphyritic; fd, bt, clay, ix, aphanitic groundmass; stained with ix, feldspars altered to clays.

5365B **Dike**--gray; porphyritic; fd, bt, clay, ix, aphanitic groundmass; stained with ix, feldspars altered to clays.

5365C **Breccia**--gray, yellow; bx; clasts of gray marble, cement of ix.

5365D **Dike**--gray; porphyritic; fd, bt, clay, ix, aphanitic groundmass; stained with ix, feldspars altered to clays.

5366A **Replacement**--brown; frothy; ix, qz.

5366B **Replacement**--brown; frothy; ix, qz.

5367A **Replacement**--brown; frothy; ix, qz.

5367B **Dike**--yellowish-brown; porphyritic; clays, ix; pervasively altered, stained.

5368 **Dike**--yellowish-brown; porphyritic; qz, clays, ix, py; highly altered, contains disseminated py.

5369A **Dike**--salmon; porphyritic; fd, bt, qz, aphanitic groundmass; relatively fresh, no ix staining.

5369B **Breccia**--gray, brown; bx; do matrix, ix cement.

5369C **Replacement**--brown; frothy; ix, 2nd base metal minerals..

5370A **Replacement**--brown; frothy; ix, 2nd base metal minerals.

5370B **Replacement**--brown; vuggy; ix, 2nd base metal minerals.

5371 **Limestone**--gray, brown; bx; cc, ix.

5373A **Breccia**--gray, white, brown; bx; clasts quartzite, cement of cc and qz.

5373B **Breccia**--gray, white, brown; bx; clasts do, cement of cc and qz.

5374A **Dike**--brown; porphyritic; clays, ix; pervasively altered.

5374B **Dolostone**--gray, brown, white; bx; co, cc, ix.

5375A **Jasperoid**--gray, white; bx; qz, ix; total replacement.

5375B **Dolostone**--gray, brown, red; bx; do, ix, cc.

5376 **Gouge**--red; earthy; clay, ix.

5377A **Marble**--white; vfg to mg; cc; contains minor ix and Mn-oxide staining.

5377B **Andesite**--green; porphyritic; fd, chlorite, aphanitic groundmass.

5377C **Andesite**--green; porphyritic; fd, chlorite, aphanitic groundmass.

5378A **Dike**--gray; porphyritic; qz, aphanitic groundmass; no visible alteration.

5378B **Dike**--gray; porphyritic; qz, aphanitic groundmass; no visible alteration.

5380A **Jasperoid**--brown, gray, white; bx; qz, ix, ferrimolydite; total replacement.

5380B **Jasperoid**--brown, gray, white; bx; qz, ix,

ferrimolybdite; total replacement.

5380C **Jasperoid**--brown, gray, white; bx; qz, ix; total replacement.

5381 **Marble**--green; mg to cg, homogranular; cc, pyroxene.

5383 **Replacement**--black; mg; cc, ix, Mn-oxide minerals.

5384A **Dolostone**--gray, brown, red; microxln, bx; do, ix; much staining along fractures and bedding surfaces.

5384B **Dolostone**--gray, brown, red; microxln, bx; do, ix; much staining along fractures and bedding surfaces.

5385B **Replacement**--gray, brown; cg, vuggy; ix.

5385C **Dolostone**--gray, brown; bx; do, ix.

5385D **Quartzite**--gray; bx; qz, ix.

5385E **Quartzite**--gray; bx; qz, ix.

5385F **Quartzite**--gray; bx; qz, ix.

5385G **Quartzite**--gray, brown; bx; qz, ix; vugs and fractures filled with ix.

5385H **Quartzite**--gray, brown; bx; qz, ix; vugs and fractures filled with ix.

5386A **Quartzite**--gray; bx; qz, ix.

5386B **Quartzite**--gray; bx; qz, ix.

5386C **Dolostone**--gray, red, brown; bx; do, ix.

5387A **Dolostone**--gray, red, brown; bx; do, ix.

5387B **Quartzite**--gray, brown; bx; qz, ix; moderately stained with ix, 2nd qz along fractures.

5387C **Quartzite**--gray, brown; bx; qz, ix; moderately stained with ix, 2nd qz along fractures.

5387D **Quartzite**--gray, brown; bx; qz, ix; moderately stained with ix, 2nd qz along fractures.

5387E **Dolostone**--gray, brown; bx; do, ix.

5387F **Dolostone**--gray, brown; bx; do, ix.

5388A **Andesite**--gray; microxln; aphanitic groundmass, fd, pyroxene; no visible alteration.

5388B **Andesite**--gray; microxln; aphanitic groundmass, fd, pyroxene; no visible alteration.

5388C **Conglomerate**--gray, brown; conglomeratic; do, cc, ix, sedimentary rock clasts; varying amounts of ix staining.

5388D **Conglomerate**--gray, brown; conglomeratic; do, cc, ix, sedimentary rock clasts; varying amounts of ix staining.

5388E **Conglomerate**--gray, brown; conglomeratic; do, cc, ix, sedimentary rock clasts; varying amounts of ix staining.

86RY119 description not available.

86RY120 description not available.

86RY121 description not available.

Appendix 8--Succinct descriptions of rock samples collected from the Gold Hill mining district, Utah. Format for descriptions and explanation of abbreviations given in appendix 1.

SAMPLE No.	DESCRIPTION
5153	**Vein**--grey; mg, massive; qz, py, arsenopyrite.
5154A	**Replacement**--dark brown; vfg, massive; ix, chrysocolla, scorodite.
5154B	**Vein**--white; vcg, vuggy; qz, malachite, sphalerite, arsenopyrite.
5154C	**Replacement**--dark brown; vuggy; ix, smithsonite, scorodite.
5592A	**Jasperoid**
5592B	**Jasperoid**
5593A	**Carbonate**
5593B	**Dike**--grey; porphyritic; poorly-exposed.
5594A	**Jasperoid**
5594B	**Jasperoid**
5595A	**Jasperoid**--grey and brown; vfg, bx; qz ix.
5595B	**Jasperoid**--grey and brown; vfg, bx; qz ix.
5596A	**Jasperoid**--grey and brown; vfg, bx; qz ix.
5596B	**Jasperoid**--grey and brown; vfg, bx; qz ix.
5597A	**Jasperoid**--brown, red; bx, microxln; qz ix; occurs along fault zone.
5597B	**Jasperoid**--brown, red; bx, microxln; qz ix; occurs along fault zone.
5598A	**Granodiorite**--grey; cg, homogranular; fd, bt, qz, chlorite; minor ix staining along fractures, biotite altered to chlorite.
5598B	**Skarn**--white and red; fg, granular; garnet, pyroxene.
5598C	**Skarn**--reddish brown; fg to cg; garnet; massive garnetite skarn.
5598E	**Granodiorite**--yellowish brown; mg, homogranular; intensely altered, poorly-exposed.
5599A	**Skarn**--brown, white, grey, mottled; fg to mg, bx; garnet, qz, cc, malachite.
5600A	**Skarn**--brown; vfg, banded; qz, garnet; thin zones (5-7 cm wide) of replacement along bedding.
5600B	**Skarn**--light grey, brown; vfg to mg, massive; cc (recrytallized to marble), garnet; replacement zone approx 1 m wide, parallel to bedding.
5601A	**Skarn**--white, brown; cg, bx; cc, ix, qz, py.
5602A	**Skarn**--grey; fg, bx; qz, py, ix.
5603A	**Skarn**--brown; microxln to vfg; pyroxene, py, ix, qz.
5604A	**Skarn**--brownish red; fg, bx; ix, qz, arsenopyrite, 2nd Cu minerals.
5605A	**Replacement**--brown, red, green; vfg, bx, vuggy; qz, ix, 2nd Cu minerals; occurs along fracture zone.
5606A	**Vein**--grey, brown; mg to cg, massive; ix, galena, shalerite, aresenopyrite, py; massive hematite and

complex sulfide vein in granodiorite.

5606B **Granodiorite**--brown; mg to cg, homogranular; heavily stained with ix.

5607A **Vein**--grey; fg to cg, vuggy; qz, arsenopyrite, py.

5607B **Porphyry**--grey; porphyritic; qz, fd, sericite; intensely sericited.

5608A **Marble**--white; vcg, homogranular; cc, minor qz, ix along fractures.

5609A **Skarn**--green; vfg, massive; diopside, py, ix.

5609B **Marble**--white; vcg, massive, banded; cc, py.

5610A **Granodiorite**--grey; mg, fractured; qz, gd, bt, hornblende, ix, malachite, azurite.

5610B **Replacement**--green, brown, mottled; vcg, homogranular to fibrous; amphiboles, clays, ix, tourmaline, malachite.

5610C **Vein**--dark brown; vfg, vuggy, bx; ix, qz, malachite, chrysocolla.

5610D **Replacement**--brown, green; vcg, with crystals greater than 15 cm in length, fibrous; actinolite, clay, qz, py, ix, qz, 2nd Cu minerals.

5610E **Replacement**--brown, green; vcg, with crystals greater than 15 cm in length, fibrous; actinolite, clay, qz, py, ix, qz, tourmaline, 2nd Cu minerals.

5610F **Replacement**--white, brown; fg to vcg; qz, hornblende, py, tourmaline.

5610G **Garnetite**--reddish-brown; cg, homogranular; garnet, tourmaline.

5610H **Replacement**--white, brown; vcg, bx; qz, ix, apatite.

5610I **Replacement**--brown; cg to vcg, vuggy; qz, ix.

5610J **Replacement**--green, brown, white; pegmatitic; actinolite, hornblende, garnet, qz, chalcopyrite

5611A **Jasperoid**--grey, brown; microxln; qz, scorodite, ix.

5612A **Jasperoid**--brown; bx; qz, ix, cc; selective replacement zone.

5613A **Replacement**--dark brown; fg to cg, granular; ix, cc; occurs as massive replacement of marble.

5613B **Replacement**--dark brown; fg to cg, granular; ix, cc; occurs as massive replacement of marble.

5614A **Replacement**--brown; cg to vcg, massive to banded; cc, ix, qz; selective replacement.

5614B **Granodiorite**--grey; cg, porphyritic; fd, qz, mica; no visible alteration.

5615A **Replacement**--brown; bx; ix, qz.

5616A **Vein**--white, brown; fg, bx; qz, ix.

5616B **Vein**--white, brown; fg, bx; qz, ix, clasts of granodiorite.

5616C **Granodiorite**--grey; mg, homogranular; fd, qz, bt, hornblende; contains scattered qz veins.

5617A **Replacement**--brown, green; vfg, massive; ix, garnet, cc, 2nd Cu minerals.

5617B **Replacement**--brown, green; vfg, massive; ix, garnet, cc.

5617C **Replacement**--brown, green; vfg, massive; ix, garnet, cc.
5618A **Vein**--white, brown; vfg, bx; qz, ix.
5618B **Vein**--white, brown; vfg, bx; qz, py.
5619A **Replacement**--brown; vfg, microxln; qz, ix.
5619B **Replacement**--brown; vfg, microxln; qz, ix.
5620A **Vein**--white, brown; vfg, bx; qz, ix.
5620B **Vein**--white, brown; vfg, bx; qz, py.
5620C **Granodiorite**--green, brown; cg, homogranular; fd, qz, bt, hornblende, chlorite; propylitically altered.
5620D **Dike**--black, grey; porphyritic; no visible alteration.
5621A **Vein**--white, brown; fg to mg, vuggy; qz, ix, cerussite, smithsonite.
5621B **Vein**--white, brown; fg to mg, vuggy; qz, ix, py, galena.
5622A **Marble**--white; cg, homogranular; cc, minor ix as stainings.
5622B **Granodiorite**--grey; mg to cg, friable; fd, qz, bt, hornblende; no visible alteration.
5623A **Replacement**--dark brown; vfg, massive; ix, qz.
5623B **Replacement**--dark brown; vfg, massive; ix, qz.
5624A **Replacement**--dark brown; vfg, massive; ix, qz.
5625A **Granodiorite**--yellowish-brown; mg to cg, fractured; fd, qz, bt, hornblende, ix; contains qz veinlets and ix stainings.
5626A **Granodiorite**--greenish white; vcg, homogranular; fd, ix.
5626B **Vein**--white; vfg; no visible alteration.
5627A **Replacement**--dark brown; massive to frothy, bx; ix, qz, cerussite; pervasive replacement parallel to bedding.
5627B **Replacement**--dark brown; massive to frothy, bx; ix, qz, cinnabar, cerussite; pervasive replacement parallel to bedding.
5628A **Replacement**--brown; vfg, bx; ix, qz.
5629A **Carbonate**--grey; bx; cc; brecciated carbonate with cc veinlets.
5629B **Replacement**--brown; friable; ix.
5629C **Carbonate**--grey; bx; cc; brecciated carbonate with cc veinlets.
5630A **Replacement**--brown; massive to frothy, bx; ix, qz.
5630B **Replacement**--brown; massive to frothy, bx; ix, qz.
5631A **Replacement**--grey; schistose; qz, mica, ix.
5631B **Replacement**--grey; schistose; qz, mica, ix.
5632A **Dike**--white; fg; clay, sericite, ix.
5632B **Dike**--white; fg; clay, sericite, ix.
5632C **Carbonate**--grey; bx; cc; no visible alteration.
5633A **Replacement**--brown; fg, bx; ix, malachite; occurs as thin seams in carbonate.
5633B **Breccia**--grey; bx; cc; contains minor ix staining.
5634A **Replacement**--brown; massive to frothy; ix.
5634B **Vein**--white; vcg, vuggy; cc, ix.
5635A **Replacement**--brown; frothy, bx; cc, qz, ix; selective

replacement cutting across carbonate bedding.

5635B **Replacement**--brown; frothy, bx; cc, qz, ix; selective replacement cutting across carbonate bedding.

5635C **Breccia**--grey; fg, bx; cc, ix; not visibly altered, intensely brecciated.

5636A **Jasperoid**--grey; microxln, bx; qz, ix.

5636B **Jasperoid**--grey; microxln, bx; qz, ix.

5637A **Quartzite**--grey, brown; fg, well-sorted; qz, ix stainings.

5637B **Quartzite**--grey, brown; fg, well-sorted; qz, ix stainings.

5638A **Carbonate**--grey; fg; cc; no visible alteration.

5638B **Carbonate**--grey; fg; cc; no visible alteration.

5639A **Marble**--white; cg, homogranular; cc, tremolite, minor ix staining.

5639B **Marble**--white; cg, homogranular; cc, tremolite, minor ix staining.

5639C **Marble**--white; cg, homogranular; cc, tremolite, wollastonite, minor ix staining.

5640A **Skarn**--grey; mg, homogranular; cc, ix.

5641A **Replacement**--brown; fg, frothy; ix, qz, cc.

5641B **Marble**--white; fg to mg, bx; cc, minor ix.

5642A **Breccia**--grey and white; fg, bx; cc; no visible alteration.

5642B **Replacement**--brown; frothy, bx; ix, qz, cc, 2nd-Pb, -Zn, and -sulfosalts.

5642C **Granodiorite**--grey, brown; mg, homogranular; bt, fd, clay; arillic alteration.

5643A **Replacement**--brown, green; fg, massive; ix, qz, 2nd-Pb, -Zn minerals, chrysocolla.

5643B **Replacement**--brown, green; fg, massive; ix, qz, 2nd-Pb, -Zn minerals, chrysocolla.

5644A **Marble**--white, yellow; cg, homogranular; cc, ix.

5644B **Granodiorite**--grey; mg, homogranular; qz, fd, bt, ix; no visible alteration.

5645A,E, F,H **Carbonate**--brown; cg, homogranular; cc, ix, py.

5645B,C D,G **Vein**--white; fg, massive; qz, ix, galena.

5646A **Gouge**--yellow, brown; friable; clay, ix; highly altered, at granodiorite-carbonate contact.

5646B **Gouge**--yellow, brown; friable; clay, ix; highly altered, at granodiorite-carbonate contact.

5646C **Replacement**--brown; friable to massive; ix.

5646D **Limestone**--black; mg; cc, other carbon-bearing minerals.

5646E **Limestone**--black; mg; cc, other carbon-bearing minerals.

5647A **Marble**--white, yellow; cg, fractured; cc, qz, ix.

5647B **Marble**--white, yellow; cg, fractured; cc, qz, ix.

5648A **Jasperoid**--brown; vfg, massive; qz, ix.

5648B **Jasperoid**--brown; vfg, massive; qz, ix.

5649A **Replacement**--brown, red, black; frothy to massive, bx; ix, qz.
5649B **Replacement**--brown, red, black; frothy to massive, bx; ix, qz.
5650A **Marble**--yellow, white; cg, homogranular; cc, tremolite, ix.
5650B **Marble**--yellow, white; cg, homogranular; cc, tremolite, ix.
5651A **Replacement**--yellow, brown; fg, friable, bx; ix, scodorite.
5651B **Replacement**--yellow, brown; fg, friable, bx; ix, scodorite.
5652A **Replacement**--brown; massvie; cc, ix.
5652B **Replacement**--brown; massvie; cc, ix.
5653A **Replacement**--brown; fg to cg, bx; ix, various sulfide and sulfosalt minerals.
5653B **Replacement**--brown; fg to cg, bx; ix, various sulfide and sulfosalt minerals.
5654A **Replacement**--brown; fg to cg, bx; ix, various sulfide and sulfosalt minerals.
5654B **Replacement**--brown; fg to cg, bx; ix, various sulfide and sulfosalt minerals.
5655A **Marble**--white, green, brown; cg; cc, malachite, azurite.
5655B **Marble**--white, green, brown; cg; cc, malachite, azurite.
5656A **Vein**--white; vfg to vcg; qz, py, chacopyrite, other sulfide and sulfosalt minerals.
5656B **Vein**--white; vfg to vcg; qz, py, chacopyrite, other sulfide and sulfosalt minerals.
5657A **Replacement**--yellowish-brown; fg to cg, massive; qz, arsenopyrite, ix.
5657B **Replacement**--yellowish-brown; fg to cg, massive; qz, arsenopyrite, ix.
5658A **Replacement**--brown; cc, ix.
5658B **Skarn**--varied colored; vcg; garnet, cc, Cu sulfide minerals.
5659A **Replacement**--brown; fg; qz, cc, ix.
5659B **Replacement**--brown; fg; qz, cc, ix.
5660A **Replacement**--brown; vfg, massive; qz, calc-silicate minerals, ix.
5660B **Replacement**--brown; vfg, massive; qz, calc-silicate minerals, ix.
5661A **Vein**--white, brown; vcg, massive; cc, ix.
5661B **Marble**--white, brown, green; mg; cc, ix, chrysocolla, scorodite.
5661C **Replacement**--brown; fg to mg; ix, scorodite.
5661D **Skarn**--white, green, reddish-brown; fg to mg massive; diopside, cc, garnet, ix, 2nd Cu minerals.
5661E **Granodiorite**--white, light-brown, mottled; mg to cg, homogranular; clay, ix, fd, chlorite; altered, fractured, and stained with ix.

5662A **Skarn**--varied colored; vcg, massive; qz, mv.
5662B **Skarn**--varied colored; vcg, massive; tremolite.
5662C **Skarn**--varied colored; vcg, massive; ix, Cu minerals.
5663A **Skarn**--varied colored; fg to cg, massive; cc, garnet, diopside, tourmaline, chalcopyrite, wollastonite.
5663B **Skarn**--varied colored; fg to cg, massive; cc, garnet, diopside, tourmaline, chalcopyrite, wollastonite.
5664A **Replacement**--black, white; vcg; actinolite, tourmaline, qz, 2nd Cu minerals.
5664B **Replacement**--black, white; vcg; actinolite, tourmaline, qz, 2nd Cu minerals.
5665A **Skarn**--black, white, green; vcg, fibrous; tourmaline, actinolite, qz, 2nd Cu minerals.
5665B **Skarn**--black, white, green; vcg, fibrous; tourmaline, actinolite, qz.
5666A **Gouge**--black, yellow, white; friable; clay, ix, qz, cc, tourmaline.
5666B **Gouge**--black, yellow, white; friable; clay, ix, qz, cc, tourmaline.
5666C **Vein**--white, brown; fractured; qz, chalcopyrite, ix.
5666D **Pegmatite**--white, black, yellow; pegmatitic; cc, tourmaline, chalcopyrite.
5667A **Replacement**--brown; friable; ix, qz, cc.
5667B **Replacement**--brown; friable; ix, qz, cc.
5668A **Carbonate**--grey, brown; vfg, homogranular; cc, do; no visible alteration.
5669A **Replacement**--brown; vfg, homogranular; qz, ix.
5669B **Replacement**--brown; vfg, homogranular; qz, ix.
5670A **Marble**--white, yellowish-brown; vcg, homogranular; cc, wollastonite, ix.
5670B **Marble**--white, yellowish-brown; vcg, homogranular; cc, wollastonite, ix.
5670C **Marble**--white, yellowish-brown; vcg, homogranular; cc, wollastonite, ix.
5671A **Mica seam**--white, silvery grey; mg, equant; mv, clay, ix; occurs as vertical seams within replacement zone cutting marble.
5671B **Marble**--white; cg to vcg, homogranular; cc, wollastonite, ix.
5671C **Marble**--white; cg to vcg, homogranular; cc, wollastonite, ix.
5671D **Skarn**--white, grey, speckled; fg to mg, homogranular; cc, calc-silicate and sulfide minerals.
5671E **Granodiorite**--light grey; cg, homogranular; fd, bt, qz; no visible alteration.
5672A **Granodiorite**--brown; mg; fd, qz, bt, ix; heavily stained with ix minerals.
5672B **Vein**--white; fg, vuggy; qz, ix; cuts granodiorite.
5673A **Vein**--brown; ix, qz; cuts granodiorite.
5673B **Vein**--white; qz; cuts granodiorite and brown-colored vein.
5674A **Vein**--bluish-white; qz, ix; 40-85 cm wide, cuts

granodiorite.

5674B **Vein**--bluish-white; qz, ix; 40-85 cm wide, cuts granodiorite.

5675A **Vein**--white, brown; fg, bx; qz, ix, scorodite; oxidized.

5675B **Vein**--white, brown; fg, bx; qz, ix; oxidized.

5675C **Vein**--white, grey, brown; fg, massive; qz, arsenopyrite, chalcopyrite, tetrahedrite, galena, sphalerite; not oxidized.

5675D **Vein**--white, grey, brown; fg, massive; qz, arsenopyrite, chalcopyrite, tetrahedrite, galena, sphalerite; not oxidized.

5675E **Vein**--white, brown; fg, bx; qz, ix, scorodite; oxidized.

5676B **Gouge**--brown; friable, ix; cuts granodiorite.

5677A **Vein**--brown; fg, massive; qz, ix; cuts granodiorite.

5678A **Replacement**--green; vcg, fibrous; actinolite, qz, chacopyrite.

5678B **Replacement**--green; vcg, fibrous; actinolite, qz, chacopyrite.

Appendix 9--Succinct descriptions of rock samples collected from the Honeycomb Hills area, Utah. Format for descriptions and explanation of abbreviations given in appendix 1.

SAMPLE No.	DESCRIPTION
5044A	**Conglomerate**--light brown; conglomeratic; clasts of ix in matrix of rhyolite.
5044B	**IX Clasts**--dark grey; microxln; clay, ix; occurs as clasts in rhylite.
5044C	**Rhyolite**--light brown; cg, homogranular; qz, fd, topaz; no visible alteration.

Appendix 10--Succinct descriptions of rock samples collected from the House Range, Utah. Format for descriptions and explanation of abbreviations given in appendix 1.

SAMPLE No.	DESCRIPTION
RY101	**Limestone**--gray, yellow, white; bx; cc, ix.
RY102	**Jasperoid**--red, brown; bx; qz, ix.
RY103	description not available
RY104	**Limestone**--bx; cc, qz, ix.
RY105	**Limestone**--silicified.
RY106	**Jasperoid**--gray; massive to bx; qz, ix.
RY107	**Breccia**--cc, qz; silicified.
RY108	**Limestone**--gray; bx; cc, qz, ix.
RY109	**Jasperoid**--bx; qz, cc, ix.
RY110	**Breccia**--silicified.
RY111	**Breccia**--silicified.
RY112	**Breccia**--silicified.
RY113	description not available
RY114	**Breccia**-- ; silicified.
RY115	**Jasperoid**--
RY116	**Jasperoid**--gray, red; bx; qz, ix.
RY117	**Limestone**--bx; cc; occurs as clasts in breccia.
RY118	**Breccia**--brown; bx; lithic clasts in rhyodacitic matrix.
0001	**Limestone**--gray, red; cc, ix.
0003	**Limestone**--gray; cc, ix; minor cc veining.
0004	**Limestone**--gray; cc, ix. minor cc veining.
0005	**Limestone**--gray.
0006	**Limestone**--gray.
0008	**Limestone**--gray.
0009	**Limestone**--gray; minor cc veining.
0010	**Limestone**--gray; cc, ix; minor cc veining.
0011	**Limestone**--bx.
0012	**Limestone**--
0088	**Quartzite**--no visible alteration.
0089	**Quartzite**--no visible alteration.
0100	**Dolostone**--mg to cg; minor cc veining.
0101	**Dolostone**--mg to cg; cc veining.
0102	**Dolostone**--bx; cc, ix.
0103	**Dolostone**--gray; fg to mg.
0105	**Limestone**--gray; fg to mg; cc, ix.
0106	**Jasperoid**--
0107	**Dolostone**--gray; cc, qz.
0108	**Jasperoid**--red, black; bx; qz, lithic carbonate clasts.
0109	**Dolostone**--red; do, ix.
0110	**Dolostone**--gray; cc veining.
0111	**Jasperoid**--brown; qz, ix, Mn-oxide minerals.
0112	**Limestone**--gray; cc, ix.
0113	**Jasperoid**--gray.
0114	**Jasperoid**--gray, brown; bx; qz, cc.

0115 **Limestone**--gray; fg; cc, trace ix.
0117 **Breccia**--gray, red; bx; carbonate lithic fragments and microxln matrix.
0118 **Shale**--gray; fissle; no visible alteration.
0119 **Limestone**--gray; fissle; cc, ix.
0120 **Limestone**--gray; shaley.
0121 **Jasperoid**--gray; mg to cg; qz, ix.
0122 **Jasperoid**--gray; mg to cg; qz, ix.
0123 **Shale**--gray; fissle; cc, ix; cc veining.
0124 **Dolostone**--mg to cg; cc, ix.
0125 **Limestone**--gray; no visible alteration.
0126 **Limestone**--gray; cc veining.
0127 **Dolostone**--brown; do, qz, cc.
0128 **Quartzite**--brown; sandy; qz, cc cement.
0129 **Limestone**--gray; cc, do, ix; cc veining.
0130 **Dolostone**--gray; bx.
0131 **Dolostone**--gray; mg to cg; no visible alteration.
0132 **Dolostone**--gray, brown; cc veining.
0133 **Jasperoid**--gray, brown.
0134 **Limestone**--gray; cc, do.
0135 **Jasperoid**--
0136 **Dolostone**--gray.
0137 **Jasperoid**--brown; bx; qz, ix, Mn-oxide minerals.
0138 **Jasperoid**--brown; bx; qz, ix, Mn-oxide minerals.
0139 **Jasperoid**--gray; bx.
0140 **Jasperoid**--gray; bx.
0145 **Jasperoid**--brown; microxln.
0146 **Limestone**--gray; fg; cc veining.
0147 **Limestone**--
0148 **Jasperoid**--gray; microxln.
0149 **Limestone**--gray.
0150 **Breccia**--white, gray; earthy, bx; cc, ix; cc veining.
0151 **Jasperoid**--gray.
0152 **Jasperoid**--gray; microxln.
0153 **Jasperoid**--gray; microxln.
0154 **Jasperoid**--gray; microxln.
0155 **Jasperoid**--gray; fg to mg; qz, ix.
0156 **Limestone**--gray; vfg to fg; cc veining.
0157 **Jasperoid**--gray.
0158 **Limestone**--gray; no visible alteration.
0159 **Jasperoid**--gray.
0160 **Jasperoid**--gray; microxln.
0161 **Jasperoid**--gray.
0162 **Jasperoid**--brown.
0163 **Breccia**--brown, gray, orange; bx; carbonate lithic fragments, silcified matrix.
0164 **Jasperoid**--gray.
0165 **Jasperoid**--gray.
0166 **Jasperoid**--gray; microxln; qz.
0167 **Limestone**--gray; thinly bedded; cc, ix.
0172 **Jasperoid**--gray; vfg; qz.
1000R **Limestone**--gray; bx; cc, ix.

1001R **Limestone--**
1002R **Limestone--**cc, ix.
1004R **Limestone--**gray; cc, ix.
1007R **Limestone--**gray; cc. ix.
1008R **Dolostone--**brown.
1009R **Dolostone--**gray; cc, qz.
1010R **Limestone--**gray; cc, ix.
1013R **Limestone--**gray; cc; cc veining.
1014R **Quartzite--**brown.
1015R **Quartzite--**gray.
1016R **Quartzite--**red.
1019R **Quartzite--**
1020R **Quartzite--**brown.
1021R **Limestone--**red.
1023R **Dolostone--**silicified.
1061R **Dolostone--**
1062R **Limestone--**
1063R description not available.
1068R **Dolostone--**
1075R **Limestone--**
1076R **Limestone--**
2074 description not available.
2075 description not available.
2076 description not available.
2077 description not available.
2090 description not available.
2091 description not available.
2092 description not available.
2093 description not available.
2094 description not available.
2095 description not available.
2096 description not available.
2097 description not available.
2098 description not available.
5005A **Shale--**rusty brown; fissle; cc, clay, qz; includes veins of cc up to 15 mm in width.
5005B **Vein--**white; vcg, euhedral; cc, py, ix.
5006 **Vein--**white; vcg, euhedral; cc, siderite, ix.
5007 **Limestone--**gray, brown; cg, homogranular; cc, ix.
5008 **Vein--**white; cg; cc.
5010A **Jasperoid--**brown, black; massive to vuggy; qz, ix; heavily stained with ix.
5010B **Jasperoid--**brown, black; massive to vuggy; qz, ix; heavily stained with ix.
5010C **Jasperoid--**brown, black; massive to vuggy; qz, ix; heavily stained with ix.
5011 **Jasperoid--**gray; microxln, massive; qz, ix, barite.
5012 **Limestone--**gray; fg to mg; cc, minor ix.
5013A **Jasperoid--**brown; microxln, vuggy to massive; qz, ix.
5013B **Jasperoid--**brown; microxln, vuggy to massive; qz, ix.
5014 **Jasperoid--**brown; microxln, vuggy to massive; qz, ix.
5031 **Jasperoid--**brown; microxln, massive; cc, qz, ix;

partially replaced limestone.

5032 **Jasperoid**--brown; microxln, massive; cc, qz, ix; approx 20% silicified limestone.

5033 **Jasperoid**--brown; microxln, massive; cc, qz, ix; approx 10 silcified.

5034A **Quartz Latite**--salmon; porphyritic; fd, clay, qz.

5034B **Jasperoid**--varied colored; bx; qz, ix.

5035 **Jasperoid**--gray; microxln, bx; qz; totally replaced zone.

5160 **Jasperoid**--gray, brown; microxln, bx; qz, ix.

5163 **Limestone**--gray; mg; cc, ix.

5164 **Breccia**--gray, yellow; bx; lithic fragments, cc, ix matrix.

5165 **Jasperoid**--gray; microxln, vuggy; qz.

5166 **Jasperoid**--red, yellow, brown; vfg qz, vcg cc; qz, cc.

5167 **Jasperoid**--brown; microxln; qz.

5168 **Limestone**--red, brown; frothy, bx; qz, ix., cc.

5169 **Limestone**--gray; sandy; ix, cc.

5170 **Jasperoid**--yellow; microxln to vfg; qz.

5171 **Limestone**--maroon.

5172 **Jasperoid**--brown; fg; qz.

5173 **Jasperoid**--brown; microxln to vfg, bx; qz.

5174A **Jasperoid**--red, brown; microxln to vfg, bx; qz.

5174C **Jasperoid**--red, brown; microxln to vfg, bx; qz.

5174D **Dolostone**--reddish-brown; mg, homogranular; do, ix.

5175 **Breccia**-- brown; cg, homogranular; cc, do, ix.

5176 **Quartz Latite**--gray; porphyritic; qz, clay, muscovite, sericite.

5177 **Quartz Latite**--gray; porphyritic; qz, clay, muscovite, sericite, ix.

5178A **Jasperoid**--gray; microxln to vfg; qz, co; partial replacement of dolostone.

5178B **Jasperoid**--gray; microxln to vfg; qz, co; partial replacement of dolostone.

5179 **Shale**--gray to brown; includes cc veinlets and ix staining.s

5180A **Jasperoid**--reddish-brown; microxln; qz, ix.

5180B **Jasperoid**--reddish-brown; microxln; qz, ix.

5181 **Jasperoid**--gray; mg; qz.

5182 **Jasperoid**--gray, brown; microxln, bx; qz.

5184A **Breccia**--gray; bx; lithic clasts, including quartz latite, jasperoid, quartzite, and limestone; sericitized, silicified, ix staining.

5187 **Limestone**--gray, brown; shaley; cc, clay, ix; ix staining along bedding, cc veining; pockets of silicification.

5188 **Limestone**--reddish-brown; cc; no visible alteration.

5188A **Jasperoid**--reddish-gray; microxln, bx; qz.

5189 **Shale**--gray; fissle; cc, clay, ix, qz.

5190A **Shale**--gray, yellow; vfg, finely-laminated; cc; contains pockets and veinlets of cc, ix staining along bedding surfaces.

5190B **Limestone**--brown; microxln to vfg; cc.

5190C **Jasperoid**--dark red; qz, cc; approx 85% silicification of shaley limestone.

5427A **Quartzite**--green, white, brown; fg; qz; silicified and stained with ix.

5427B **Replacement**--reddish-brown; vfg, massive; ix.

5427C **Gouge**--red, white; clayey, bx; clays, ix.

5428A **Limestone**--brown; cg to vcg, homogranular; cc, ix.

5428B **Vein**--white, brown; vcg; cc, ix, py.

5428C **Limestone**--brown; cg to vcg, homogranular; cc, ix.

5428D **Limestone**--brown; cg to vcg, homogranular; cc, ix.

5429A **Quartzite**--red; bx; qz, ix; heavily stained with ix.

5429B **Quartzite**--brown, red; fg; qz, ix.

5855A **Jasperoid**--grey; microxln, massive; qz, cc; partial replacement of limestone.

5855B **Jasperoid**--grey and white; qz, ix; fg to vcg, vuggy; complete silicification of limestone.

5855C **Jasperoid**--varied colored; microxln, bx; qz, ix; heavily stained with ix minerals.

5855D **Jasperoid**--varied colored; microxln, bx; qz, ix; heavily stained with ix minerals.

5855E **Jasperoid**--white; coxcomb to massive; qz, ix, py; from central part of wide jasperoid.

5855F **Vein**--grey and white; massive to banded, vuggy; qz, ix, galena, malachite.

5855G **Vein**--grey, white; fg to vcg, vuggy; qz, ix, py.

5855H **Vein**--grey, white; fg to vcg, vuggy; qz, ix, py, galena, barite, chalcopyrite.

5855I **Jasperoid**--grey; fg, massive; qz, ix, 2nd Cu minerals, galena, cinnabar.

5855J **Jasperoid**--grey; fg, massive; qz, ix, 2nd Cu minerals, galena.

5855K **Dolostone**--light brown; fissle, sanded; do, mica, ix; heavily stained with ix.

Appendix 11--Succinct descriptions of rock samples collected from the Keg Mountains, Utah. Format for descriptions and explanation of abbreviations given in appendix 1.

SAMPLE No.	DESCRIPTION
5133	**Volcanic**--green; microxln; qz, minerals common in propylitized rock; pervasive propylitization.
5134	**Replacement**--brown; fg, massive; ix, galena, 2nd Cu minerals, cc; heavily stained with ix.
5135A	**Quartzite**--yellowish-brown; bx; qz, ix.
5135B	**Quartzite**--white; fg, well-sorted; qz; no visible alteration.
5230A	**Jasperoid**--brown; bx; qz; complete replacement of limestone.
5231	**Jasperoid**--dark brown; microxln, massive; qz; selective replacement of limestone.
5234	**Jasperoid**--grey; microxln, massive; qz, cc, ix; approx 70% replacment of limestone.
5236	**Tuff**--brownish-yellow; banded; clays, ix, lithic fragments; highly argillically altered.
5236B	**Granodiorite**--green; porphyritic; fd, clay, ix, qz; pervasively propylitized, qz is resorbed.
5237	**Granodiorite**--green; porphyrtic; fd, bt, unidentifiable minerals in groundmass; propylitized.
5240	**Quartzite**--red, white; vuggy; qz, ix; ix in vugs.
5241	**Quartzite**--brown; bx; qz, ix; heavily stained with ix, occurs at base of thrust fault.
5242	**Quartzite**--brown; bx; qz, ix; heavily stained with ix, occurs at base of thrust faults.
5243A	**Limestone**--grey; bx, cc; minor ix along fractures.
5243B	**Quartzite**--brown; bx; qz, ix.
5244A	**Vein**--yellow; boxwork; qz, jarosite.
5244B	**Vein**--white; vuggy; qz.
5244C	**Vein**--white; vuggy; qz, ix.
5245	**Quartzite**--yellow; sandy; qz, ix.
5247	**Quartzite**--whitish-yellow; bx, stockwork; qz, ix; contains stockwork veining.
5248A	**Quartzite**--grey; bx; qz, py, ix; heavily stained with ix, contains disseminated py grains, stockwork of qz veinlets.
5248B	**Quartzite**--grey; bx; qz, py, ix; heavily stained with ix, contains disseminated py grains, stockwork of qz veinlets.
5249	**Quartzite**--white; mg, bx; qz, ix.

Appendix 12--Succinct description of rock samples collected from the Middle Range area, Utah. Format for descriptions and explanation of abbreviations given in appendix 1.

SAMPLE No.	DESCRIPTION
5217	**Dolostone**--white, grey, red; vcg, finely bedded; cc, do; no visible alteration.
5218	**Limestone**--grey; bx; cc, ix.
5219	**Limestone**--reddish-grey; bx; cc, ix, do.
5220	**Limestone**--reddish-yellow; bx; cc, ix.
5221	**Dolostone**--brownish-red; cg, bx; do, ix; stained red.
5222	**Dolostone**--yellowish-brown; bx; do, cc, ix.
5223	**Dolostone**--yellowish-brown; bx; do, ix, chert.
5224	**Dolostone**--yellowish-brown; bx; do, ix, chert.

Appendix 13--Succinct descriptions of rock samples collected from the Notch Peak area, Utah. Format for descriptions and explanation of abbreviations given in appendix 1.

SAMPLE No.	DESCRIPTION
0060	**Jasperoid**--gray; microxln, vuggy.
0061	**Granite**--gray, red; fd, qz, mv, ix; altered.
0063	**Granite**--contains thin, white qz veinlets.
0064	**Vein**--qz.
0065	**Granite**--red; argillically altered, contains many qz veins as much as 2.5 cm thick and ix staining along fractures.
0066	**Dike**--pink, cuts granite.
0067	description not available.
0068	**Granite**--argillically altered.
1062	description not available.
1080	**Granite**--conatins qz veinlets and ix staining.
1081	**Granite**--conatins qz veinlets and ix staining.
1082	**Granite**--gray; equigranular.
1083	**Granite**--argillically altered; contains qz veins as much as 12.5 cm thick, stained with ix.
1084	**Granite**--argillically altered.
1085	**Granite**--adjacent to large qz vein.
1086	**Granite**--argillically altered; contains qz veins and ix staining.
1087	**Vein**--qz, ix.
1088	**Granite**--stained with ix.
1089	**Granite**--argillically altered.
1107	**Limestone**--white; cc, garnet.
1108	description not available.
1109A	**Granite**--adjacent to skarn.
1109B	**Skarn**--qz, garnet.
1109C	**Limestone**--cc, epidote.
1109D	**Gouge**--
1109E	**Skarn**--garnet, qz.
5001	**Hornfels**--gray; vfg, dense; no visible alteration.
5002A	**Skarn**--maroon; vcg, granular; massive garnetite contains small segregations of vcg, milky qz.
5002B	**Vein**--white; vfg to fg, vuggy; qz, ix.
5002C	**Vein**--stained brown; vuggy; qz, ix.
5003A	**Hornfels**--gray; vfg, vuggy; stained with ix.
5003B	**Vein**--gray; vuggy; qz, ix, siderite, cc.
5003C	**Vein**--gray; vfg, massive; qz, mv, fd.
5003D	**Vein**--bluish-white; botryoidal; opal; from <1 mm wide fracutre zone.
5004	**Vein**--gray; vuggy; qz; numverous veins and veinlets cut altered granite.
5225A	**Limestone**--white, gray; vcg; cc; bleached and laced with thin seams of calc-silicate minerals.
5225B	**Replacement**--brown; friable; ix; replacement of

limestone.

5226A **Vein**--white; vcg, euhedral; cc.

5226B **Replacement**--brown; frothy; ix; occurs in center of cc vein.

5226C **Replacement**--brown; friable; ix.

5227A **Marble**--grayish-white; vcg, granular; cc.

5227B **Replacement**--brown; fg, massive; qz.

5227C **Replacement**--brown; fg, massive; qz.

5227D **Skarn**--red; vfg, massive; qz, garnet.

5228A **Granite**--gray; equigranular; no visible alteration.

5228B **Skarn**--reddish-brown; cg, granular; garnet, qz.

5229A **Replacement**--brown; friable; clay, ix.

5229B **Skarn**--brown; vcg; garnet, qz.

5229C **Granite**--brown; vcg; laced with fractures, qz veinlets, ix.

5229D **Vein**--gray; vfg; qz, fragments of granite.

5300A **Limestone**--gray; microxln; cc, ix.

5300B **Vein**--white; vcg; cc, ix.

5301A **Limestone**--gray, brown; microxln; cc, qz, ix.

5301B **Dike**--green; fg; hornblende, pyroxene, chlorite; chloritized.

5302 **Gouge**--red; friable.

5304A **Limestone**--gray; bx; cc, ix.

5304B **Limestone**--gray; bx; cc, ix.

5310A **Skarn**--reddish-brown; fg to cg; garnet, qz.

5310B **Skarn**--reddish-brown, gray; fg to cg, banded; garnet, qz.

5310C **Granite**--gray; cg; no visible alteration.

5311 **Gouge**--red; clayey, clay, ix.

5315A **Skarn**--reddish-brown; fg to vcg; garnet, qz, py.

5315B **Skarn**--reddish-brown; fg to vcg; garnet, qz, py.

5315C **Skarn**--reddish-brown; fg to vcg; garnet, qz.

5315D **Granite**--pink; mg, granitic; bt, fd, qz; no visible alteration.

5315E **Vein**--white; fg to cg; qz.

5315F **Dike**--white; vfg, aplitic; qz, fd; 15-20 cm wide.

5315H **Skarn**--brown; fg to vcg; chlorite, garnet, ix.

5316 **Skarn**--brown; cg to vcg; cc, garnet, ix.

5317 **Jasperoid**--brown; flinty; qz, ix; occurs between sills of granite.

5318A **Vein**--brown; cg, vuggy; qz, py, chalcopyrite, molybdenite, ix, granite fragments.

5318B **Granite**--gray; cg, equigranular; qz, fd, bt, py, molybdenite.

5318C **Granite**--gray; cg, equigranular; qz, fd, bt, py, molybdenite.

5183D **Skarn**--reddish-brown; fg to cg; garnet, qz, py, amphibole minerals.

5318E **Skarn**--reddish-brown; fg to cg; garnet, qz, py, amphibole minerals.

5318F **Skarn**--reddish-brown; vcg; garnet.

5319 **Granite**--brown; cg, equigranular; qz, clay, fd,

chlorite, ix; heavily stained with ix.

5320 **Granite**--brown; cg, equigranular; contains 1-2 cm qz veins.

Appendix 14--Succinct descriptions of rock samples collected from the Pavant Butte area, Utah. Format for descriptions and explanation of abbreviations given in appendix 1.

SAMPLE No.	DESCRIPTION
5250A	**Basalt**--black; vesicular, microxln; no identifiable minerals; no visible alteration.
5250B	**Tuff**--dark grey; sandy, poorly-sorted, graded beds; basaltic mineralogy; no visible alteration.
5250C	**Tuff**--yellow; sandy, poorly-sorted, graded beds; basaltic mineralogy; no visible alteration.

Appendix 15--Succinct descriptions of rock samples collected from the Sabie Mountain area, Utah. Format for descriptions and explanation of abbreviations given in appendix 1.

SAMPLE No.	DESCRIPTION
5710A	**Breccia**--brown; bc; qz, clasts of carbonate material, vugs of ix.
5710B	**Breccia**--brown; bc; qz, clasts of carbonate material, vugs of ix.
5710C	**Volcanic**--grey, brown, white; porphyritic, bx; qz, ix, py, barite.
5710D	**Volcanic**--grey, brown, white; porphyritic, bx; qz, clay.
5710E	**Volcanic**--grey, brown, white; porphyritic, bx; qz, ix, py, clay.
5710F	**Jasperoid**--brown, grey; vuggy; qz, ix, stibnite, cinnabar.
5710G	**Volcanic**--grey, brown; porphyritic, bx; qz, ix, mica, py.
5710H	**Jasperoid**--brown, grey; vuggy, qz, ix, barite.
5710I	**Jasperoid**--brown, grey; vuggy, qz, ix, barite.
5710J	**Jasperoid**--brown, grey; vuggy, qz, ix.
5711A	**Volcanic**--yellowish-brown; porphyritic; qz, fd, clay, ix; pervasively altered.
5711B	**Quartzite**--dark grey; fg; qz; no visible alteration.
5711C	**Breccia**--brown; bx, clasts of jasperoid; qz, clay, ix, py.
5712A	**Jasperoid**--grey; vuggy; qz, ix, cinnabar; heavily stained.
5712B	**Jasperoid**--grey; vuggy; qz, ix, cinnabar; heavily stained.
5712C	**Jasperoid**--grey; vuggy; qz, ix, cinnabar; heavily stained.
5713A	**Jasperoid**--grey, brown; microxln with scattered vugs; qz, cinnabar, ix; replaced volcanic.
5713B	**Jasperoid**--grey, brown; microxln with scattered vugs; qz, cinnabar, ix; replaced volcanic.
5713C	**Jasperoid**--grey, brown; microxln with scattered vugs; qz, cinnabar, ix; replaced volcanic.
5713D	**Rhyolite**--white; fg; qz; intensely silicified volcanic.
5713E	**Rhyolite**--white; fg; qz; intensely silicified volcanic.
5713F	**Jasperoid**--grey, brown; microxln with scattered vugs; qz, cinnabar, ix; replaced volcanic.
5713G	**Rhyolite**--white; fg; qz; intensely silicified volcanic.
5713H	**Jasperoid**--grey, brown; microxln with scattered vugs; qz, ix; replaced volcanic.
5713I	**Rhyolite**--white; fg; qz; intensely silicified volcanic.
5714A	**Gouge**--yellowish-brown; clayey; ix; highly altered to halloysite.
5714B	**Gouge**--yellowish-brown; clayey; ix; highly altered to

halloysite.

5851A **Caliche**--creamy-white; microxln; cc, scattered vugs of ix; no visible alteration.

5852A **Tuff**--light brown; mg to cg, densely welded; qz, fd, hb, lithic fragments; no visible alteration.

5853A **Shale**--dark grey; fissle; no visible alteration.

5853B **Shale**--dark grey; fissle; no visible alteration.

5854A **Conglomerate**--brown; conglomeratic, clasts of rounded quartzite and rhyolite; qz, ix, lithic clasts; no visible alteration.

Appendix 16--Succinct descriptions of rock samples collected from the Sand Hills area, Utah. Format for descriptions and explanation of abbreviations given in appendix 1.

SAMPLE No.	DESCRIPTION
5813A	**Quartzite**--grayish green; vfg, veined; qz, mica, ix; heavily laced with qz, ix.
5813B	**Quartzite**--grayish green; vfg, veined; qz, mica, py; heavily laced with qz, py.
5814A	**Andesite**--black; massive; microxln to fg; fd, bt, includes disseminated pyrite.
5814B	**Andesite**--black; massive; microxln to fg; fd, bt, includes disseminated pyrite.
5814C	**Andesite**--black; massive; microxln to fg; fd, bt, includes disseminated pyrite.
5815A	**Quartzite**--white; bx; qz; includes up to 10% qz veins.
5816A	**Vein**--white; bx; qz, ix, chrysocolla, arsenopyrite, cinnabar; cuts quartzite.
5817A	**Replacement**--varied colored; bx; do, barite, chrysocolla, ix; barite-rich replacement of Ordovician carbonate, structurally controlled.
5817B	**Replacement**--varied colored; bx; do, chrysocolla, barite, ix, 2nd Pb minerals; Cu- and Pb-rich replacement of Ordovician carbonate, structurally controlled.
5817C	**Replacement**--varied colored; bx; do, ix, barite; Fe-rich replacement of Ordovician carbonate, structurally controlled.
5818A	**Quartzite**--white; vfg, bx; qz, ix, chrysocolla; 2nd Cu and Fe minerals as bx cement and along fractures.
5818B	**Quartzite**--white; vfg, bx; qz, ix, chrysocolla; 2nd Cu and Fe minerals as bx cement and along fractures.
5819A	**Vein**--white; bx; qx, ix, 2nd Cu minrals.
5819B	**Limestone**--yellow-brown; fg to cg; cc, ix, qz; occurs as clasts in bx quartzite.
5820A	**Quartzite**--white; vfg, bx; qz, ix.
5821A	**Dike**--green; fg, hypabyssal; fd, magnetite, chlorite.
5822A	**Quartzite**--white; vfg, bx; qz, ix, chrysocolla.
5822B	**Quartzite**--white; vfg, bx; qz, ix, chrysocolla.
5823A	**Dolostone**--grey; vfg, bx; do, galena, 2nd Cu staining.
5823B	**Dolostone**--grey; vfg, bx; do, galena, 2nd Cu staining.

Appendix 17--Succinct descriptions of rock samples collected from the Sheeprock Range, Utah. Format for descriptions and explanation of abbreviations given in appendix 1.

SAMPLE No.	DESCRIPTION
5097	**Quartzite**--white; vfg, bx; qz, Mn-oxide minerals, ix; heavily stained with oxides.
5098	**Granite**--white to yellow; cg, porphyritic with vugs; fd, qz, mica, ix; heavily stained with 2nd minerals.
5099	**Vein**--gray; vcg, massive; ix, qz, galena; approx 1 m wide.
5100	**Vein**--gray and brown; vcg, massive; ix, qz, 2nd minerals; approx 1 m wide.
5101	**Vein**--dark brown; vfg, massive; qz, ix, 2nd minerals; from 3 m wide fault-gouge zone in Tillite.
5102	**Vein**--dark brown; vfg, massive; qz, ix, 2nd minerals; heavily stained Tillite.
5103	**Vein**--brown and gray; vuggy to massive; qz, ix, galena.
5104	**Vein**--brown; vcg, massive; py, ix, qz; approx 1 m wide zone in Tillite.
5105	**Vein**--gray; vcg, massive; py, galena, qz, sphalerite, ix.
5106	**Vein**--brown; massive to frothy, bx; qz, ix, galena; cuts Tillite.
5107	**Vein**--white; vfg, massive; qz, ix; from 1.5 m wide fracture zone in conglomerate.
5108	**Granite**--white; vcg, porphyritic to fg, equigranular; fd, qz, bt, ix; minor ix staining.
5109	**Gouge**--grayish brown; fg, bx; qz, mv, fd, ix; moderate ix staining.
5110	**Vein**--white; fg, granular to vuggy; qz, ix, py.
5111	**Vein**--brown; vcg, massive to frothy; qz, galena, ix, sphalerite, Mn oxide minerals; cuts Tillite.
5112	**Vein**--white; massive; qz, ix; cuts quartzite.
5113	**Tillite**--white and brown; bx; qz, ix; moderate ix replacement of matrix of tillite.
5114	**Tillite**--white and brown; bx; qz, ix, molybdenite; abundant ix replacement of tillite.
5444A	**Granite**--white; vcg, equigranular; fd, qz, bt; no visible alteration.
5444B	**Aplite**--white; vfg, equigranular; no visible alteration.
5445A	**Vein**--purple, yellow, white, brown; cg to vcg; py, fluorite, cc, qz; moderately oxidized.
5445B	**Vein**--purple, yellow, white, brown; cg to vcg; py, fluorite, chalcopyrite, cc, qz; moderately oxidized.
5445C	**Granite**--white; vcg, fd, qz; minor fracture coatings of ix.
5445D	**Granite**--white; vcg, fd, qz; minor fracture coatings of ix.

5446 **Vein**--multi-colored; mg; py, ix, Mn oxide minerals, chalcopyrite; cuts vcg granite.

Appendix 18--Succinct descriptions of rock samples collected from the Simpson Mountains, Utah. Format for descriptions and explanation of abbreviations given in appendix 1.

SAMPLE No.	DESCRIPTION
5082	**Gossan**--dark brown; massive, friable; ix, do, 2nd minerals; from fracture zone.
5083	**Limestone**--brown; fg; cc, ix; heavily stained with ix.
5084	**Vein**--white, brown; fg; qz, ix.
5085	**Vein**--gray, brown; vfg; qz, ix.
5086	**Vein**--gray; massive; qz, py, galena, sphalerite.
5087A	**Vein**--gray; vcg, massive to vuggy; qz, ix, sphalerite.
5087B	**Vein**--gray; vcg, massive to vuggy; qz, py, sphalerite, galena.
5088A	**Vein**--gray; massive to vuggy; qz, ix, 2nd minerals.
5088B	**Vein**--gray; massive to vuggy; qz, ix, 2nd minerals.
5089	**Limestone**--gray; bx; cc, ix, 2nd minerals; occurs along a fault (thrust ?) zone.
5091	**Replacement**--brown; friable; ix, 2nd minerals.
5092	**Vein**--white; fg, massive; qz, py.
5094	**Gouge**--gray; vfg, massive; cc, ix.
5095	**Limestone**--gray, white; vfg, bx; cc, ix; cut by cc veinlets.
5096	**Vein**--varied colored; bx, vuggy; qz, ix, 2nd minerals.
5856A	**Gouge**--yellowish-brown; clayey; clays, ix.
5856B	**Gouge**--yellowish-brown; clayey; clays, ix.
5856C	**Vein**--white; vcg, vuggy; qz, ix, beryl.
5856D	**Breccia**--blue, brown, gray; gx; qz, py, clay, ix.
5856E	**Tuff**--pale yellow-brown; vfg to mg, sandy; qz, ix, sericite, ix; highly altered.
5856F	**Jasperoid**--gray, brown; bx; qz, ix, cc.
5856G	**Tuff**--yellowish-brown; tuffaceous; qz, pumice, lithic fragments, ix; heavily ix stained, moderately welded.
5856I	**Jasperoid**--gray, brown; bx; qz, ix, clay; cuts tuff.
5857A	**Jasperoid**--gray; vfg, massive to vuggy; qz, py, ix, cinnabar; highly silicified, acid leached zone argillically altered volcanic rock.
5857B	**Gouge**--yellow; clayey, clays, ix, cinnabar.
5858A	**Volcanic**--yellowish-brown; tuffaceous; clays, qz, ix; highly altered, poorly exposed.
5858B	**Rhyolite**--gray; flow banded; qz, clasts, ix; silicified, stained with ix.
5859A	**Quartzite**--gray; bx; quartzite clasts in a comminuted matrix that contains ix and py; silicified and pyritized.
5859B	**Quartzite**--gray; bx; quartzite clasts in a comminuted matrix that contains ix and py; silicified and pyritized.
5859C	**Limestone**--gray; fg, bx; cc, qz, Mn oxide minerals, barite; occurs below (thrust ?) fault.

Appendix 19--Succinct descriptions of rock samples collected from the Thomas Range, Utah. Format for descriptions and explanation of abbreviations given in appendix 1.

SAMPLE No.	DESCRIPTION
5136	**Limestone**--gray, red; microxln, bx; cc.
5137	**Limestone**--bright red; vfg; cc, do, qz ix; heavily stained with ix.
5138	**Limestone**--brown; vfg, fissle; cc, clay, ix, Mn oxide minerals; heavily stained with oxide minerals.
5139	**Replacement**--red, brown; vfg, massive to vuggy; qz, ix; Fe-rich replacement zone.
5140A	**Jasperoid**--gray to brown; vuggy; qz, ix, cc, do.
5140B	**Jasperoid**--brown; vfg; qz, ix.
5141	**Gouge**--light brown; friable; clays, ix.
5142	**Volcanic**--gray; porphyritic; fd pheonocrysts, unidentifiable groundmass; stained with ix.
5143	**Gouge**--dark brown; vfg, massive; do, oxide minerals; occupies 2 m wide zone in dolostone.
5144A	**Replacement**--white; vcg; petalite, clays.
5144B	**Replacement**--gray, white; vfg, boxwork; fluorite.
5144D	**Replacement**--gray; vfg; chert.
5145A	**Jasperoid**--gray; microxln, bx; qz; minor ix staining along fracutres.
5145B	**Jasperoid**--gray; microxln, bx; qz; minor ix staining along fracutres.
5145C	**Jasperoid**--gray; microxln, bx; qz; minor ix staining along fracutres.
5146A	**Replacement**--purple; vfg to cg, massive; fluorite.
5146B	**Dolostone**--dark gray; vfg; do.
5147	**Replacement**--purple; friable; fluorite.
5157	**Vein**--bluish white; vvfg; opal.
5158A	**Replacement**--purple; friable; fluorite, qz, clay; replacement nodule in tuff.
5158B	**Tuff**--white with purple nodules; conglomeratic; unidentifiable minerals comprising tuff, fluorite, qz, clay.
5156C	**Replacement**--white, blue; microxln; qz, fluorite.

Appendix 20--Succinct descriptions of rock samples collected from the Tintic mining district, Utah. Format for descriptions and explanation of abbreviations given in appendix 1.

SAMPLE No.	DESCRIPTION
5199A	**Obsidian**--black, vesicular; glass, clays in vesicles; no visible alteration.
5199B	**Tuff**--light brown; sandy; qz, ix; silicified.
5200	**Volcanic**--orangish-brown; massive, qz, ix; silicified.
5201A	**Tuff**--white; friable; clay; pervasively altered to clays.
5201B	**Tuff**--white; vfg, friable; clay; pervasively altered to clays.
5202A	**Gossan**--dark brown; frothy; qz, ix.
5202B	**Jasperoid**--dark bluish-purple; microxln; qz.
5202C	**Gossan**--red, brown; frothy to massive; ix, qz.
5202D	**Tuff**--yellowish brown; densely welded; qz, hornblende, ix.
5202E	**Gossan**--dark brown; massive; ix, qz.
5251B	**Vein**--white, brown; crustiform; qz, ix; reaches width of 2.5 cm.
5251C	**Volcanic**--green; porphyritic; propylitically altered, cut by qz veinlets and stringers.
5251D	**Vein**--white; vfg, vuggy, banded; qz, minor ix.
5252A	**Volcanic**--pale green; massvie; py, sericite, chlorite, epidote; pervasively altered.
5252B	**Gossan**--brown; earthy to massive; ix.
5253	**Volcanic**--brown, white; porphyritic, vesicular;
5254	**Breccia**--brown; bx, clasts up to several cm; ix, qz, volcanic lithic clasts; heavily altered.
5255A	**Vein**--grey; vfg, massive; qz, py.
5255B	**Vein**--brown; massive to frothy; ix, py, qz.
5256A	**Vein**--grey; vfg, massive; py, qz.
5256B	**Vein**--grey; vfg, massive; ix, qz.
5257A	**Vein**--grey; fg to cg; py, qz, arsenopyrite.
5257B	**Pyrite**--yellow; vcg, euhedral; py, arsenopyrite; mineral separate from hand picking.
5258A	**Vein**--brown; vuggy; ix, qz.
5258C	**Jasperoid**--brown; microxln, bx; qz, ix; heavily stained with ix.
5259	**Vein**--grey; fg to vcg; qz, py.
5261	**Volcanic**--brown; porphyritic, aphanitic groundmass; pervasivley altered.
5262A	**Volcanic**--green; porphyritic; pervasive propylitic alteration.
5262B	**Vein**--grey, brown; massive.
5263	**Gouge**--brown; friable; clay, qz, ix; approx 1 m wide zone within volcanic rock.
5264	**Vein**--grey; vfg to cg, massive; qz, py.
5265A	**Vein**--grey; vcg, vuggy; qz, py.

5265B **Vein**--dark brown; frothy; ix, qz.
5266 **Vein**--grey; vcg, massive; py, qz.
5267 **Vein**--grey; fg to vcg; qz, py, galena, sphalerite, sulfosalts.
5268B **Vein**--dark brown; frothy; ix, qx.
5269 **Gossan**--brown; earthy; ix.
5270 **Vein**--grey; fg to vcg; py, qz, ix.
5396A **Vein**--white, brown; fg; qz, ix.
5396B **Volcanic**--grey; porphyritic; altered to clay.
5396C **Shale**--dark brown; shaley; clay, mica, ix; heavily stained with ix.
5397A **Replacement**--light brown; fg, massive; cc, qz, ix.
5397B **Vein**--grey; vfg, bx; qz, ix.
5398A **Replacement**--white; microxln; clays, qz.
5398B **Vein**--white; microxln; chalcedony, ix.
5398C **Jasperoid**--dark brown; microxln, massive; qz, ix.
5398D **Replacement**--purple, blue, white; microxln; chalcedony, clay.
5398E **Replacement**--brown; vfg, friable; ix, cc.
5399A **Quartz latite**--brown; porphyritic; clays, ix; stockwork veined, stained with ix, altered to clays.
5399B **Quartz latite**--brown; porphyritic; clays, ix; stockwork veined, stained with ix, altered to clays.
5400A **Vein**--white, grey; vfg to fg; qz, py, galena, sphalerite, barite.
5400B **Vein**--black; frothy; qz, ix, Mn oxide minerals, 2nd base-metal minerals.
5400C **Breccia**--grey; bx; clay, py, barite.
5400D **Sulfide minerals**--grey, yellow; fg, homogranular; py, chalcopyrite, arsenopyrite, galena, sulfosalt minerals, sphalerite, barite.
5401A **Replacement**--brown; earthy; ix, clay, barite.
5401B **Vein**--grey; vfg to cg; py, qz, ix, barite.
5402A **Replacement**--red, brown, yellow; frothy; ix, barite.
5402B **Vein**--grey; fg to cg; py, arsenopyrite, qz, clay.
5403A **Vein**--white, grey, brown; fg to vcg; py, qz, sphalerite, galena, ix.
5404A **Replacement**--black; vuggy; ix, galena, py, qz, Mn oxide minerals..
5405 **Vein**--grey; vfg to mg, massive; py, qz.
5406A **Replacement**--grey, white; fg to cg; qz, py, barite, chalcopyrite, other sulfide and sulfosalt minerals.
5406B **Replacement**--grey, white; fg to mg; qz, galena, py.
5407A **Vein**--white, yellow, brown; vuggy; py, qz, ix, barite.
5407B **Vein**--white, yellow, brown; vuggy; py, qz, ix, barite.
5408A **Jasperoid**--grey; microxln; qz, cc.
5408B **Vein**--white, brown; fg to cg, vuggy; qz, oxide minerals, arsenopyrite, 2nd Cu minerals.
5408C **Dolostone**--grey; fg, granular; do, malachite staining.
5408D **Vein**--white, dark grey; cg, massive; cc, specularite.
5408E **Vein**--grey; fg to cg, vuggy; qz, ix, 2nd Cu minerals.
5408F **Replacement**--brown; frothy; ix, qz.

5409A **Quartzite**--whtie; bx; qz, ix.
5409B **Quartzite**--white; bx; qz, ix, py.
5410 **Replacement**--dark brown; frothy; ix, qz.
5411A **Jasperoid**--dark brown; vuggy; qz, ix.
5411B **Replacement**--white, brown; vuggy; qz, barite, do, ix.
5411C **Replacement**--brown; earthy; ix.
5412A **Replacement**--brown; frothy; ix, qz.
5412B **Replacement**--brown; frothy; ix, qz, barite.
5412C **Replacement**--white; fg to cg, massive; barite, ix.
5412D **Jasperoid**--brown; microxln, vuggy; qz, ix.
5413A **Dolostone**--grey; microxln; do, ix, 2nd Cu minerals.
5413B **Replacement**--white; vcg, euhedral; barite; relatively pure sample of barite.
5413C **Jasperoid**--brown; vfg, vuggy; qz, ix, 2nd Cu minerals.
5413D **Replacement**--yellowish brown; mg, vuggy; py, ix.
5414 **Jasperoid**--brown; microxln to fg, vuggy; qz, ix, 2nd Cu minerals.
5415A **Jasperoid**--brown; microxln, vuggy; qz, ix.
5415B **Jasperoid**--dark purplish-grey; microxln; qz.
5416A **Jasperoid**--dark purplish-grey; microxln; qz, ix.
5416B **Jasperoid**--grey; mg, banded, vuggy; qz.
5416C **Replacement**--yellowish-brown; frothy; qz, ix.
5417A **Jasperoid**--grey; microxln, vuggy; qz, galena, ix.
5417B **Replacement**--brown; earthy; ix.
5418A **Jasperoid**--grey; microxln; qz, ix, 2nd base metal minerals.
5418B **Jasperoid**--purple; microxln; qz.
5418C **Replacement**--yellow, brown; massive, ix.
5434 **Dike**--grey, brown; vfg, homogranular with rounded quartzite pebbles to 1 cm; fd, clay, qz, ix, lithic clasts (mostly quartzite); heavily stained with ix.
5435A **Replacement**--white; microxln; chalcedony.
5435B **Replacement**--brown, red; microxln; chalcedony, ix.
5435C **Breccia**--red and white; bx; ix, qz.
5435D **Replacement**--white; microxln; chalcedony, ix.
5435E **Replacement**--white; microxln; chalcedony, ix.
5435F **Breccia**--red, yellow, brown, white; bx; chalcedony, ix.
5436 **Replacement**--brown; fg, massive; qz, ix.
5437 **Replacement**--brown; friable; clay, qz, ix.
5438 **Latite**--white and brown; porphyritic; clay, qz, ix; heavily altered and stained with ix.
5439A **Rhyolite**--grey; vfg, scattered phenocrysts to 2 mm; qz, sericite, ix.
5439B **Rhyolite**--grey and brown; vfg, scattered phenocrysts; qz, sereicite, ix; heavily silicified.
5439C **Vein**--brown; frothy; qz, sericite, ix; from heavily stained fracture zone.
5439D **Vein**--brown; frothy, bx; qz, ix; cuts rhyolite, 2-8 cm thick.
5440 **Breccia**--yellow, white, brown; fg, bx; qz, ix.
5441A **Vein**--grey; vfg to mg; qz, py.
5441B **Monzonite**--green; porphyritic, phenocrysts 4-8 mm; fd,

chlorite, ix, py; pervasively propylitized.

5736A **Breccia**--yellow, brown; bx with igneous-looking matrix and clasts of quartzite; clays and ix in matrix, lithic (quartzite) clasts.

Appendix 21--Succinct descriptions of rock samples collected from the West Tintic mining district, Utah. Format for descriptions and explanation of abbreviations given in appendix 1.

SAMPLE No.	DESCRIPTION
0070	description not available
0071	**Vein--**
0072	**Quartzite**--orange and brown; cut by qz veins.
0073	**Quartzite**--cut by qz veins.
0074	**Vein**--cuts quartzite.
0075	**Vein**--cuts schist.
0076	**Quartzite**--cut by qz veins.
0077	**Gouge**--from saddle along quartzite ridge.
0078	**Quartzite**--fractured.
0079	description not available.
0080	**Volcanic--**
0081	**Gouge**--at quartzite, limestone contact.
0082	**Vein**--gray; qz; cuts limestone.
0083	**Chert**--black; chert; in limestone.
0084	**Vein**--qz; cuts limestone.
0085	**Vein**--varied colored; qz, oxide minerals; cuts limestone.
0086	**Vein**--qz; 1-1.7 m wide, cuts limestone.
0087	**Vein**--qz, galena; .3-1 m wide, cuts limestone.PB ZN
1090	**Quartzite**--brown; qz, oxide minerals; bx; heavily stained with Fe-, Mn-oxide minerals.
1091	**Intrusive--**
1092	**Quartzite**--brown; bx; qz, ix; heavily stained with ix.
1093	description not available.
1094	**Quartzite**--stained with ix.
1095	**Granodiorite**--bx; fd, clay, chlorite.
1096	**Quartzite**--white; qz, ix.
1097	**Dolostone--**
1098	description not available.
1099	**Replacement**--yellow, brown; cc, ix, 2nd minerals; replaced limestone.
1100	**Limestone**--cc, with replacements of: azurite, chrysocolla, galena, sphalerite.
1101	**Limestone--**
1102	**Quartzite--**
5058	**Quartzite**--white; mg, bx; qz, ix; heavily stained with ix.
5059	**Quartzite**--white; mg, bx; qz, ix; heavily stained with ix.
5060	**Replacement**--dark brown; microxln, dense; ix.
5061	**Vein**--white; fg, massive; qz, ix, Mn-oxide; 12 cm wide.
5062	**Granodiorite**--yellow; mg, equigranular; fd, qz, ix; occurs between quartzite (above) and limestone (below).
5063	**Granodiorite**--green; mg, equigranular; fd, qz, chlorite; propylitically altered.

5064A **Gossan**--brown; frothy; qz, ix; replacement of limestone.
5064B **Gossan**--brown; frothy; qz, ix; replacement of limestone.
5065 **Gossan**--brown; massive to vuggy; ix, various 2nd, base-metal minerals.
5066 **Vein**--white; microxln; qz, ix, beryl.
5067 **Gossan**--brown; microxln; ix, various 2nd minerals.
5068 **Gossan**--brown; microxln; ix, Cu oxides, various 2nd minerals.
5069 **Skarn**--green, brown; fg to cg; garnet, cc.
5070 **Gossan**--brown; microxln, massive; ix, Mn-oxide minerals; approx 50 cm wide.
5071 **Vein**--gray; vfg to cg, vuggy; qz, galena,
5072 **Limestone**--gray; vfg; cc, qz, molybdenite; weakly silicified along fractures.
5073 **Replacement**--white; vfg to mg, vuggy; qz, cc, galena.
5074 **Replacement**--white; fg; qz, galena, cc.
5075A **Vein**--brown; microxln; qz, py, galena.
5075B **Vein**--dark brown; microxln; cc, ix, various 2nd minerals.
5075C **Vein**--gray; microxln with scattered vugs; qz, ix, various 2nd minerals.
5076 **Quartzite**--white, gray; vfg, bx; qz, ix, Mn-oxide.
5077 **Vein**--brown; bx; qz, ix; occurs near limestone, quartzite contact.
5078A **Granodiorite**--green and white, mottled; cg, porphyritic; fd, bt, chlorite.
5078B **Gossan**--brown; vuggy; ix.
5079 **Vein**--white; vfg, massive; qz, ix.
5080 **Vein**--white; fg to vcg, vuggy; qz, molybdenite; minor ix staining.
5081 **Granodiorite**--white; fg, equigranular; qz, fd; cut by qz veinlets.
5155A **Replacement**--gray; mg, massive; ix, 2nd Cu minerals.
5155B **Vein**--white; vfg, massive; qz; minor ix staining.
5156A **Granodiorite**--white; fg, equigranular; qz, fd, ix, 2nd Cu minerals.
5156B **Vein**--white; microxln, massive; qz, py, fluorite.
5159 **Breccia**--yellow, brown; bx; qz, ix, 2nd minerals.
5749A **Vein**--white; cg; qz, py, Cu-sulfide minerals.
5750A **Skarn**--brown, green; fg to mg; ix, py, chalcopyrite.
5751A **Granodiorite**--green, blue, white; fg to cg, porphyritic; intensely altered, stained with 2nd Cu minerals.
5752A **Rhyolite**--light gray; microxln; qz, fd; cut by qz veinlets.

TABLE 4--RESULTS OF ANALYSES, BAKER HOT SPRING AREA, UTAH

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
6DK5123	39 36 41	112 43 42	15.0	1.5	10	.020	1,500	N	N	N	<10	500
6DK5124A	39 36 46	112 43 43	10.0	2.0	10	.050	5,000	N	N	N	<10	300
6DK5124B	39 36 46	112 43 43	7.0	1.0	20	.005	>5,000	N	N	N	N	>5,000
6DK5124C	39 36 46	112 43 43	10.0	1.0	20	.100	>5,000	N	<200	N	<10	>5,000
7DK5215A	39 36 46	112 43 46	.2	.7	20	.020	100	N	N	N	30	70
7DK5215D	39 36 46	112 43 46	5.0	.7	20	.005	>5,000	N	N	N	10	5,000
7DK5215B	39 36 46	112 43 46	10.0	.7	15	.005	>5,000	N	N	N	<10	200
7DK5215C	39 36 46	112 43 46	2.0	.5	3	.002	>5,000	N	N	N	<10	>5,000
7DK5216	39 36 53	112 44 11	7.0	2.0	2	1.000	1,500	N	N	N	10	2,000

TABLE 4--RESULTS OF ANALYSES, BAKER HOT SPRING AREA, UTAH--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s
6DK5123	10	N	N	N	10	5	N	N	N	<5	150	<100	N
6DK5124A	7	N	N	N	15	5	N	N	N	7	20	100	N
6DK5124B	2	N	N	N	N	<5	N	<5	N	<5	50	100	N
6DK5124C	15	N	N	N	<10	<5	N	N	N	<5	N	300	N
7DK5215A	N	N	N	N	N	<5	N	N	N	<5	<10	N	N
7DK5215D	N	N	N	N	N	<5	N	N	N	<5	N	500	N
7DK5215B	N	N	N	N	N	5	N	N	N	N	N	100	N
7DK5215C	20	N	N	N	N	5	N	10	N	N	N	1,000	<5
7DK5216	<1	N	N	70	N	50	100	N	<20	5	50	N	50

TABLE 4--RESULTS OF ANALYSES, BAKER HOT SPRING AREA, UTAH--Continued

Sample	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	AS-PPM ICP	BI-PPM ICP	CD-PPM ICP	SB-PPM ICP	ZN-PPM ICP
6DK5123	N	1,500	<10	N	10	N	N	N	N	400	N	N	180	20
6DK5124A	N	1,500	10	200	<10	N	30	N	N	300	N	N	220	10
6DK5124B	N	2,000	20	200	N	N	N	N	.35	500	N	N	500	10
6DK5124C	N	5,000	50	500	N	N	70	N	.25	600	N	N	520	10
7DK5215A	N	5,000	20	N	N	<200	<10	N	N	10	N	N	N	N
7DK5215D	N	2,000	20	100	N	N	15	N	N	250	N	N	250	N
7DK5215B	N	1,000	<10	50	70	N	N	N	N	70	N	N	76	N
7DK5215C	30	>5,000	100	500	N	N	N	N	N	800	N	N	580	5
7DK5216	N	700	200	N	100	300	500	N	N	N	1	.1	N	90

TABLE 5--RESULTS OF ANALYSES, CANYON RANGE, UTAH

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

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s
9FN5848A	39 16 47	112 17 21	1.0	10.0	20	.002	500	5.0	N	N
9FN5848B	39 16 47	112 17 21	1.0	10.0	>20	.005	1,000	7.0	N	N
9FN5848C	39 16 47	112 17 21	1.5	2.0	>20	.050	200	1.0	N	N
9FN5848D	39 16 47	112 17 21	2.0	7.0	>20	.050	700	10.0	<200	N
9FN5848E	39 16 47	112 17 21	.7	10.0	>20	.015	700	N	N	N
9FN5848F	39 16 47	112 17 21	.7	3.0	>20	.015	1,000	<.5	N	N
9FN5849A	39 16 41	112 17 36	.7	7.0	>20	.020	1,000	.5	N	N
9FN5849B	39 16 41	112 17 36	5.0	10.0	>20	.015	2,000	N	N	N
9FN5849C	39 16 41	112 17 36	1.0	5.0	>20	.010	1,000	<.5	N	N
9FN5849D	39 16 41	112 17 36	5.0	1.5	15	.200	1,000	N	N	N
9FN5849E	39 16 41	112 17 36	2.0	.7	2	.200	300	N	N	N
9FN5850A	39 16 48	112 17 30	2.0	7.0	>20	.020	1,000	N	N	N
9FN5850B	39 16 48	112 17 30	2.0	5.0	>20	.010	1,000	N	N	N
9FN5850C	39 16 48	112 17 30	5.0	10.0	>20	.010	1,500	N	N	N

TABLE 5--RESULTS OF ANALYSES, CANYON RANGE, UTAH--Continued

Sample	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s
9FN5848A	N	20	N	N	N	N	N	200	N	N	N	N
9FN5848B	<10	20	N	N	N	<10	N	300	N	N	N	<5
9FN5848C	30	30	N	N	N	<10	<10	150	N	N	N	5
9FN5848D	20	50	N	N	50	<10	<10	300	N	N	N	10
9FN5848E	N	1,500	N	N	N	N	<10	20	N	N	N	<5
9FN5848F	N	20	N	N	N	<10	N	50	N	N	N	5
9FN5849A	10	30	N	N	N	N	<10	5,000	N	N	N	N
9FN5849B	<10	300	N	N	N	<10	N	300	N	N	N	10
9FN5849C	<10	200	N	N	N	N	N	100	N	N	N	<5
9FN5849D	200	1,000	N	N	N	<10	50	30	50	N	N	20
9FN5849E	200	500	1	N	N	<10	10	100	N	N	N	7
9FN5850A	<10	20	N	N	N	N	N	5	N	N	N	<5
9FN5850B	10	50	N	N	N	N	<10	10	N	N	N	<5
9FN5850C	70	200	N	N	N	N	<10	30	N	N	N	<5

TABLE 5--RESULTS OF ANALYSES, CANYON RANGE, UTAH--Continued

Sample	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa
9FN5848A	2,000	N	N	N	N	100	N	N	300	N	N	N
9FN5848B	5,000	N	N	N	100	10	N	N	1,000	N	N	N
9FN5848C	500	N	N	N	100	50	N	N	<200	10	N	N
9FN5848D	7,000	N	N	N	N	70	N	N	2,000	<10	N	N
9FN5848E	200	N	N	N	<100	10	N	N	N	N	N	N
9FN5848F	150	N	N	N	<100	15	N	N	N	<10	N	N
9FN5849A	1,500	N	N	N	300	50	N	N	1,000	N	N	N
9FN5849B	3,000	N	N	N	200	15	N	<10	500	<10	N	N
9FN5849C	500	N	N	N	150	<10	N	N	N	N	N	N
9FN5849D	100	N	7	N	100	150	N	15	N	50	N	N
9FN5849E	100	N	N	N	150	50	N	<10	N	70	N	N
9FN5850A	30	N	N	N	300	15	N	<10	N	<10	N	N
9FN5850B	20	N	N	N	200	15	N	<10	N	20	N	N
9FN5850C	50	N	N	N	100	20	N	<10	N	50	N	N

TABLE 5--RESULTS OF ANALYSES, CANYON RANGE, UTAH--Continued

Sample	AS-PPM ICP	BI-PPM ICP	CD-PPM ICP	SB-PPM ICP	ZN-PPM ICP	Na-pct. s	P-pct. s	Ga-ppm s	Ge-ppm s	HG-PPM CV	F% ISE
9FN5848A	57	<2	7.1	20	468	N	N	N	N	.16	.01
9FN5848B	119	<2	11.7	19	878	N	N	N	N	.10	.01
9FN5848C	328	<2	3.4	15	162	N	N	5	N	.12	.03
9FN5848D	443	<2	40.3	23	1,700	N	N	5	N	.22	.03
9FN5848E	54	<2	1.3	9	62	N	N	N	N	.14	.01
9FN5848F	110	<2	.8	10	52	N	N	N	N	.16	.01
9FN5849A	32	<2	7.0	9	913	N	N	<5	N	.12	.02
9FN5849B	83	<2	25.8	9	633	N	N	<5	N	.08	.02
9FN5849C	32	<2	3.2	7	180	N	N	<5	N	.14	<.01
9FN5849D	25	<2	.6	6	43	1.0	N	20	N	.04	.07
9FN5849E	27	<2	.3	4	44	<.2	<.2	5	N	.04	.07
9FN5850A	30	<2	.7	4	74	N	N	<5	N	.14	.01
9FN5850B	20	<2	.5	3	55	N	N	5	N	.08	.02
9FN5850C	34	<2	.8	3	33	<.2	N	7	N	.14	.04

TABLE 6--RESULTS OF ANALYSES, CONFUSION RANGE, UTAH

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

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s
8HD5700A	39 3 17	113 35 18	.10	.15	1.0	.010	20	1.0	N	N
8HD5700B	39 3 17	113 35 18	.30	.15	.7	.010	500	.5	N	N
8HD5700C	39 3 17	113 35 18	.15	.70	>20.0	.030	70	N	N	N
8HD5701A	39 3 18	113 35 24	.05	.02	1.0	.007	15	7.0	N	N
8HD5701B	39 3 18	113 35 24	.05	3.00	3.0	.002	50	N	N	N
8HD5701C	39 3 18	113 35 24	.07	.70	>20.0	.005	70	N	N	N
8HD5702A	39 2 59	113 36 30	<.05	.05	3.0	.005	70	3.0	N	N
8HD5702B	39 2 59	113 36 30	.05	.10	10.0	.007	50	2.0	N	N
8HD5702C	39 2 59	113 36 30	.07	.70	7.0	.010	150	3.0	N	N
8HD5702D	39 2 59	113 36 30	<.05	.03	3.0	.020	30	15.0	N	N
8HD5703A	39 3 9	113 37 13	.05	.02	10.0	.007	20	N	N	N
8HD5703B	39 3 9	113 37 13	.05	<.02	5.0	.002	<10	N	N	N
8HD5703E	39 3 9	113 37 13	<.05	<.02	5.0	.003	10	N	N	N
8HD5704A	39 3 1	113 36 45	.15	.05	7.0	.050	10	3.0	N	N
8HD5705A	39 2 54	113 36 29	<.05	.02	2.0	.005	20	2.0	N	N
8HC5706A	39 0 45	113 37 50	.05	2.00	5.0	.010	2,000	2.0	N	N
8HC5706B	39 0 45	113 37 50	.07	1.00	3.0	.010	1,500	<.5	N	N
8HC5706C	39 0 45	113 37 50	.07	1.50	2.0	.010	1,500	.5	N	N
8HC5706D	39 0 45	113 37 50	.07	1.50	5.0	.010	1,500	<.5	N	N
8HC5706E	39 0 45	113 37 50	.05	3.00	5.0	.010	3,000	.5	N	N
8HC5706F	39 0 45	113 37 50	<.05	>10.00	20.0	.003	2,000	<.5	N	N
8HC5706G	39 0 45	113 37 50	<.05	10.00	10.0	.002	1,000	7.0	N	N
8HC5706H	39 0 45	113 37 50	<.05	.70	1.0	.003	30	100.0	N	N
8HC5706I	39 0 45	113 37 50	.15	>10.00	15.0	.003	500	1.0	N	N
8HC5707A	38 59 54	113 38 42	.50	5.00	5.0	.010	2,000	7.0	N	N
8HC5707B	38 59 54	113 38 42	N	.20	1.5	<.002	1,500	10.0	N	N
8HC5707C	38 59 54	113 38 42	.15	.50	>20.0	.015	700	10.0	N	N
8HC5707D	38 59 54	113 38 42	N	.50	>20.0	<.002	15	<.5	N	N
8HC5707E	38 59 54	113 38 42	<.05	3.00	5.0	.002	3,000	10.0	N	N
8HC5707F	38 59 54	113 38 42	<.05	2.00	3.0	.005	2,000	50.0	N	N
8HC5707G	38 59 54	113 38 42	.20	5.00	7.0	.002	1,500	3.0	N	N
8HC5708A	39 0 53	113 40 4	.15	.30	1.0	.020	20	5,000.0	1,000	N
8HC5708B	39 0 53	113 40 4	.10	.15	1.0	.010	100	1,000.0	300	N
8HC5708C	39 0 53	113 40 4	.10	.03	.2	.015	30	3,000.0	7,000	N
8HC5708D	39 0 53	113 40 4	.05	10.00	15.0	.005	700	70.0	N	N
8HC5708E	39 0 53	113 40 4	N	10.00	10.0	<.002	50	20.0	N	N
8HC5708F	39 0 53	113 40 4	.07	3.00	3.0	.003	70	1,000.0	N	N
8HC5708G	39 0 53	113 40 4	.07	10.00	20.0	.002	20	10.0	N	N
8HC5708H	39 0 53	113 40 4	.05	>10.00	20.0	.002	30	2.0	N	N
8HC5708I	39 0 53	113 40 4	<.05	7.00	10.0	.005	3,000	20.0	N	N
8HC5709A	39 0 59	113 40 10	1.00	.20	.5	.150	50	N	N	N
8HC5709B	39 0 59	113 40 10	2.00	.20	.3	.200	30	1.0	N	N
8HC5709C	39 0 59	113 40 10	.50	1.00	>20.0	.005	50	N	N	N
8HD5721A	39 3 30	113 35 4	1.00	7.00	>20.0	.020	70	N	N	N
8HD5721B	39 3 30	113 35 4	.30	2.00	>20.0	.030	100	N	N	N

TABLE 6--RESULTS OF ANALYSES, CONFUSION RANGE, UTAH--Continued

Sample	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s
8HD5700A	10	>5,000	N	N	N	N	N	<5	N	N	N	<5
8HD5700B	20	50	N	N	N	N	10	7	N	N	N	5
8HD5700C	<10	20	N	N	N	N	N	<5	N	N	N	N
8HD5701A	15	>5,000	N	N	N	N	N	5	N	N	N	<5
8HD5701B	10	>5,000	N	N	N	N	N	<5	N	N	N	<5
8HD5701C	N	70	N	N	N	N	N	<5	N	N	N	N
8HD5702A	10	70	N	N	N	N	N	<5	N	N	N	<5
8HD5702B	10	>5,000	N	N	N	N	N	<5	N	N	N	<5
8HD5702C	10	100	N	N	N	N	N	5	N	N	N	5
8HD5702D	20	50	N	N	N	N	N	<5	N	N	N	5
8HD5703A	<10	30	N	N	N	N	N	<5	N	N	N	<5
8HD5703B	<10	20	N	N	N	N	N	<5	N	N	N	5
8HD5703E	<10	20	N	N	N	N	N	<5	N	N	N	5
8HD5704A	30	20	N	N	N	N	<10	10	N	N	N	7
8HD5705A	15	30	N	N	N	N	<10	<5	N	N	N	<5
8HC5706A	10	50	N	N	N	N	<10	7	N	N	N	5
8HC5706B	10	30	N	N	N	N	N	7	N	N	N	7
8HC5706C	10	70	N	N	N	N	N	<5	N	N	N	<5
8HC5706D	15	50	N	N	N	N	N	7	N	N	N	10
8HC5706E	15	30	N	N	N	N	N	7	N	N	N	7
8HC5706F	<10	3,000	N	N	N	N	N	5	N	N	N	N
8HC5706G	<10	50	N	N	N	N	N	5	N	N	N	<5
8HC5706H	<10	3,000	N	N	N	N	<10	10	N	N	N	<5
8HC5706I	<10	<20	N	N	N	N	N	10	N	N	N	<5
8HC5707A	15	200	N	N	N	N	N	30	N	N	N	7
8HC5707B	10	50	N	N	N	N	N	<5	N	N	N	<5
8HC5707C	20	30	N	N	N	N	N	7	N	N	N	<5
8HC5707D	N	<20	N	N	N	N	N	<5	N	N	N	N
8HC5707E	<10	100	N	N	N	N	N	10	N	N	N	<5
8HC5707F	<10	>5,000	N	N	N	N	N	10	N	N	N	<5
8HC5707G	<10	150	N	N	N	N	N	10	N	N	N	<5
8HC5708A	10	150	N	N	200	N	<10	2,000	N	N	N	<5
8HC5708B	10	100	N	N	100	N	N	100	N	N	N	<5
8HC5708C	10	70	N	N	>500	N	<10	3,000	<50	5	N	<5
8HC5708D	<10	50	N	N	N	N	N	30	N	N	N	<5
8HC5708E	<10	<20	N	N	N	N	N	10	N	N	N	N
8HC5708F	15	1,000	N	N	200	N	N	150	N	N	N	<5
8HC5708G	<10	20	N	N	N	N	N	<5	N	N	N	N
8HC5708H	<10	<20	N	N	N	N	N	<5	N	N	N	N
8HC5708I	10	70	N	N	N	N	N	5	N	N	N	<5
8HC5709A	200	500	1	N	N	N	30	20	50	N	N	7
8HC5709B	200	5,000	<1	N	N	N	<10	7	<50	N	N	7
8HC5709C	<10	<20	N	N	N	N	N	5	N	N	N	<5
8HD5721A	<10	20	<1	N	N	N	<10	20	N	N	N	10
8HD5721B	20	20	N	N	N	N	<10	5	N	N	N	<5

TABLE 6--RESULTS OF ANALYSES, CONFUSION RANGE, UTAH--Continued

Sample	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
8HD5700A	<10	N	N	N	200	<10	N	N	N	N	N
8HD5700B	<10	N	N	N	N	<10	N	N	N	N	N
8HD5700C	15	N	N	N	N	10	N	N	N	<10	N
8HD5701A	<10	N	N	N	N	10	N	N	N	<10	N
8HD5701B	10	N	N	N	N	<10	N	N	N	N	N
8HD5701C	15	N	N	N	<100	<10	N	N	N	<10	N
8HD5702A	<10	N	N	N	N	<10	N	N	N	N	N
8HD5702B	10	N	N	N	1,500	<10	N	N	N	N	N
8HD5702C	<10	N	N	N	N	<10	N	N	N	<10	N
8HD5702D	<10	N	N	N	N	10	N	N	N	<10	N
8HD5703A	<10	N	N	N	N	10	N	N	N	N	N
8HD5703B	<10	N	N	N	N	<10	N	N	N	N	N
8HD5703E	<10	N	N	N	N	10	N	N	N	N	N
8HD5704A	<10	N	N	N	N	15	N	N	N	N	N
8HD5705A	N	N	N	N	N	10	N	N	N	N	N
8HC5706A	<10	N	N	N	N	15	N	N	N	N	N
8HC5706B	<10	N	N	N	N	15	N	N	N	N	N
8HC5706C	15	N	N	N	N	15	N	N	N	N	N
8HC5706D	<10	N	N	N	N	15	N	N	N	N	N
8HC5706E	<10	N	N	N	N	15	N	N	N	N	N
8HC5706F	N	N	N	N	<100	10	N	N	N	N	N
8HC5706G	10	N	N	N	N	<10	N	N	N	N	N
8HC5706H	100	N	N	N	N	10	N	N	1,000	N	N
8HC5706I	150	N	N	N	N	15	N	N	N	N	N
8HC5707A	150	<100	N	N	N	30	N	N	N	N	N
8HC5707B	<10	N	N	N	N	<10	N	N	N	N	N
8HC5707C	150	N	N	N	N	15	N	N	N	N	N
8HC5707D	<10	N	N	N	N	<10	N	N	N	N	N
8HC5707E	30	N	N	N	N	15	N	N	N	N	N
8HC5707F	10	N	N	N	300	10	N	N	N	N	N
8HC5707G	30	100	N	N	N	20	N	N	N	N	N
8HC5708A	5,000	2,000	N	N	N	10	N	N	700	<10	N
8HC5708B	1,000	500	N	N	N	15	N	N	2,000	<10	N
8HC5708C	5,000	3,000	N	N	N	10	N	N	2,000	<10	N
8HC5708D	200	<100	N	N	N	<10	N	N	N	N	N
8HC5708E	100	N	N	N	N	<10	N	N	N	N	N
8HC5708F	2,000	1,000	N	N	N	<10	N	N	1,000	N	N
8HC5708G	30	N	N	N	N	<10	N	N	N	N	N
8HC5708H	15	N	N	N	N	<10	N	N	N	N	N
8HC5708I	150	N	N	N	N	10	N	N	N	N	N
8HC5709A	10	N	<5	N	<100	50	N	<10	N	100	N
8HC5709B	10	N	N	N	<100	50	N	<10	N	150	N
8HC5709C	<10	N	N	N	100	10	N	N	N	N	N
8HD5721A	50	N	N	N	N	20	N	N	N	10	N
8HD5721B	20	N	N	N	N	15	N	<10	N	20	N

TABLE 6--RESULTS OF ANALYSES, CONFUSION RANGE, UTAH--Continued

Sample	Au-ppm aa	AS-PPM ICP	BI-PPM ICP	CD-PPM ICP	SB-PPM ICP	ZN-PPM ICP	Na-pct. s	P-pct. s	Ga-ppm s	Ge-ppm s	HG-PPM CV	F% ISE
8HD5700A	.10	6	<2	.4	6	43	N	<.2	N	N	.04	<.01
8HD5700B	.10	15	<2	.4	3	74	N	<.2	N	N	.12	.01
8HD5700C	.10	<5	<2	.1	<2	2	N	N	N	N	N	.02
8HD5701A	.10	<5	<2	.4	<2	18	N	<.2	N	N	.10	<.01
8HD5701B	<.05	<5	<2	.2	<2	10	N	<.2	N	N	.04	.01
8HD5701C	<.05	<5	<2	.1	<2	4	N	N	N	N	N	.01
8HD5702A	.10	<5	<2	.3	4	12	N	<.2	N	N	.04	.24
8HD5702B	.20	<5	<2	.4	<2	6	N	N	N	N	.02	.01
8HD5702C	.10	<5	<2	.5	8	40	N	N	N	N	.28	.10
8HD5702D	.20	<5	<2	.3	3	3	N	<.2	N	N	.20	.70
8HD5703A	.20	<5	<2	<.1	3	4	N	N	N	N	.10	3.78
8HD5703B	.10	<5	<2	.1	160	7	N	N	N	N	.10	6.78
8HD5703E	.10	5	<2	<.1	150	8	N	N	N	N	.12	4.38
8HD5704A	.40	24	<2	<.1	160	6	N	N	N	N	.76	3.38
8HD5705A	.60	<5	<2	.4	8	11	N	N	N	N	.18	.01
8HC5706A	1.10	12	<2	1.4	4	70	N	N	N	N	.48	.01
8HC5706B	1.60	22	<2	1.1	5	71	N	N	N	N	.40	.01
8HC5706C	1.00	17	<2	.3	3	42	N	<.2	N	N	.56	.01
8HC5706D	.40	22	<2	.4	7	19	N	<.2	N	N	.20	.02
8HC5706E	1.30	26	<2	5.4	5	110	N	N	N	N	.40	.01
8HC5706F	.30	6	<2	.5	<2	17	N	N	N	N	N	.01
8HC5706G	.50	<5	<2	1.9	<2	10	N	N	N	N	.52	.01
8HC5706H	.30	16	<2	4.2	33	1,000	N	N	N	N	.0	<.01
8HC5706I	.40	17	<2	2.8	5	100	N	N	N	N	.28	.02
8HC5707A	.30	110	<2	4.1	99	110	N	N	<5	N	.48	.02
8HC5707B	.30	<5	<2	.1	6	7	N	<.2	N	N	N	<.01
8HC5707C	.20	8	<2	5.3	27	58	N	N	5	N	.20	.02
8HC5707D	<.05	<5	<2	1.3	<2	17	N	N	N	N	.20	<.01
8HC5707E	.30	19	<2	1.2	22	25	N	N	N	N	N	.01
8HC5707F	.20	9	<2	.5	26	39	N	N	N	N	.80	.01
8HC5707G	.20	93	<2	5.9	92	54	N	N	N	N	.20	.01
8HC5708A	.50	3,900	<2	1,200.0	5,400	3,300	N	<.2	50	N	.0	.01
8HC5708B	.30	550	<2	160.0	690	1,700	N	<.2	15	N	.0	.01
8HC5708C	.50	6,100	3	1,300.0	5,300	2,100	N	<.2	30	N	.0	.01
8HC5708D	.20	46	<2	9.7	45	150	N	N	<5	N	.40	.02
8HC5708E	.05	14	<2	4.1	21	36	N	N	N	N	N	.02
8HC5708F	.50	480	<2	250.0	980	1,100	N	N	20	N	.0	.01
8HC5708G	.05	6	<2	.4	4	<2	.5	N	N	N	N	.02
8HC5708H	<.05	<5	<2	<.1	5	<2	<.2	N	N	N	.02	.02
8HC5708I	<.05	7	<2	4.7	24	47	N	N	N	N	N	.01
8HC5709A	<.05	21	<2	<.1	5	10	N	.2	20	N	N	.03
8HC5709B	<.05	870	<2	2.8	140	230	N	<.2	15	N	.04	.07
8HC5709C	<.05	32	<2	.3	7	17	N	N	N	N	.08	.01
8HD5721A	<.05	65	<2	.5	4	30	N	N	10	N	.08	.03
8HD5721B	.10	16	<2	.4	2	16	N	N	10	N	.04	.03

TABLE 6--RESULTS OF ANALYSES, CONFUSION RANGE, UTAH--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
8HD5722A	39 3 43	113 35 18	.70	10.00	>20.0	.015	50	N	N	N
8HC5723A	39 4 21	113 38 10	<.05	10.00	15.0	.002	100	N	N	N
8HC5724A	39 4 3	113 39 27	.07	7.00	5.0	.005	150	N	N	N
8HC5724B	39 4 3	113 39 27	.10	7.00	10.0	.005	200	N	N	N
9XC5836A	38 59 56	113 38 45	.05	1.00	2.0	.020	700	20.0	N	N
9XC5836B	38 59 56	113 38 45	.15	.15	20.0	.020	1,000	30.0	N	N
9XC5836C	38 59 56	113 38 45	.05	.70	>20.0	.002	100	20.0	N	N
9XC5836D	38 59 56	113 38 45	.07	.70	>20.0	.007	1,000	10.0	N	N
9XC5836E	38 59 56	113 38 45	.20	.70	>20.0	.015	300	3.0	N	N
9XC5836F	38 59 56	113 38 45	N	1.50	15.0	.015	700	5.0	N	N
9XC5836G	38 59 56	113 38 45	<.05	.05	10.0	.002	500	7.0	N	N
9XC5836H	38 59 56	113 38 45	.10	.70	>20.0	.007	30	2.0	N	N
9HD5826A	39 3 17	113 35 22	.05	.05	.5	.005	20	<.5	N	N
9HD5826B	39 3 17	113 35 22	.20	10.00	20.0	.020	50	N	N	N
9HD5827A	39 3 1	113 36 5	<.05	.20	>20.0	<.002	10	N	N	N
9HD5828A	39 3 4	113 36 8	.10	.10	20.0	.015	500	2.0	N	N
9HD5828B	39 3 4	113 36 8	.15	.15	>20.0	.020	700	5.0	N	N
9HD5828C	39 3 4	113 36 8	<.05	.50	>20.0	<.002	70	3.0	N	N
9HD5829A	39 3 11	113 36 5	.10	.07	5.0	.015	70	7.0	N	N
9HD5830A	39 3 17	113 35 52	.20	.10	5.0	.050	300	20.0	N	N
9HC5831A	39 3 53	113 37 32	.50	5.00	10.0	.015	2,000	<.5	N	N
9HC5831B	39 3 53	113 37 32	.10	1.00	2.0	.005	300	N	N	N
9HC5831C	39 3 53	113 37 32	.05	10.00	>20.0	.003	50	N	N	N
9HC5831D	39 3 53	113 37 32	.15	7.00	10.0	.020	1,000	<.5	N	N
9HC5832A	39 4 16	113 38 24	.50	.50	1.0	.010	500	1.0	N	N
9HC5832B	39 4 16	113 38 24	.15	.05	1.0	.020	200	2.0	N	N
9HC5832C	39 4 16	113 38 24	.15	10.00	20.0	.003	5,000	<.5	N	N
9HC5832D	39 4 16	113 38 24	<.05	>10.00	20.0	.005	3,000	N	N	N
9HC5832E	39 4 16	113 38 24	.07	2.00	7.0	.005	2,000	N	N	N
9HC5833A	39 4 7	113 38 3	.05	.05	2.0	.002	200	N	N	N
9HC5833B	39 4 7	113 38 3	.07	10.00	20.0	.005	2,000	N	N	N
9HC5834A	39 4 5	113 39 31	.05	7.00	20.0	.010	300	N	N	N
9HC5834B	39 4 5	113 39 31	<.05	7.00	20.0	.005	300	N	N	N
9HC5835A	39 3 44	113 39 45	.05	.10	>20.0	.005	200	N	N	N
9HC5835B	39 3 44	113 39 45	.07	.20	>20.0	.010	100	N	N	N
9HC5835C	39 3 44	113 39 45	<.05	.70	>20.0	<.002	15	N	N	N
9HC5837A	39 0 3	113 38 25	<.05	10.00	20.0	.005	1,500	10.0	N	N
9HC5837B	39 0 3	113 38 25	.05	>10.00	>20.0	.007	2,000	20.0	N	N
9HC5837C	39 0 3	113 38 25	.05	10.00	20.0	.007	2,000	10.0	N	N
9HC5838A	39 0 35	113 38 7	.10	10.00	>20.0	.005	100	N	N	N
9HC5838B	39 0 35	113 38 7	N	1.00	>20.0	<.002	10	N	N	N
9HC5839A	39 0 44	113 37 50	.05	10.00	>20.0	.002	100	N	N	N
9HC5839B	39 0 44	113 37 50	.07	.05	2.0	.007	150	100.0	N	N
9HC5839C	39 0 44	113 37 50	N	10.00	7.0	<.002	100	2.0	N	N
9HD5840A	39 2 45	113 36 24	.50	.70	>20.0	.050	70	.5	N	N

TABLE 6--RESULTS OF ANALYSES, CONFUSION RANGE, UTAH--Continued

Sample	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s
8HD5722A	10	<20	N	N	N	N	<10	5	N	N	N	5
8HC5723A	<10	50	N	N	N	N	N	<5	N	N	N	<5
8HC5724A	15	100	N	N	N	N	N	5	N	N	N	5
8HC5724B	10	70	N	N	N	N	N	5	N	N	N	5
9XC5836A	30	150	N	N	N	N	50	10	N	N	N	<5
9XC5836B	50	200	N	N	N	N	<10	20	N	N	N	<5
9XC5836C	N	20	N	N	N	N	N	10	N	N	N	N
9XC5836D	10	70	N	N	N	N	N	5	N	N	N	N
9XC5836E	15	20	N	N	N	N	N	7	N	N	N	N
9XC5836F	10	70	N	N	N	N	N	<5	N	N	N	N
9XC5836G	15	>5,000	N	N	N	N	<10	5	N	N	N	5
9XC5836H	15	30	N	N	N	N	N	<5	N	N	N	N
9HD5826A	20	>5,000	N	N	N	N	<10	<5	N	N	N	<5
9HD5826B	20	20	N	N	N	N	N	5	N	N	N	N
9HD5827A	N	70	<1	N	N	N	N	N	N	N	N	N
9HD5828A	10	200	N	N	N	N	<10	<5	N	N	N	<5
9HD5828B	10	500	N	N	N	N	<10	7	N	N	N	5
9HD5828C	N	<20	N	N	N	N	N	<5	N	N	N	N
9HD5829A	20	>5,000	N	N	N	N	<10	5	N	N	N	<5
9HD5830A	50	5,000	N	N	N	N	10	20	N	N	N	5
9HC5831A	30	300	N	N	N	10	<10	20	N	N	N	15
9HC5831B	30	100	N	N	N	<10	<10	<5	N	N	N	5
9HC5831C	<10	<20	N	N	N	N	N	7	N	N	N	N
9HC5831D	20	>5,000	N	N	N	N	70	10	N	N	N	<5
9HC5832A	20	>5,000	N	N	N	N	N	10	N	N	N	<5
9HC5832B	50	>5,000	N	N	N	N	20	15	N	N	N	<5
9HC5832C	15	200	N	N	N	N	N	<5	N	N	N	N
9HC5832D	10	50	N	N	N	N	N	<5	N	N	N	N
9HC5832E	20	>5,000	N	N	N	N	N	5	N	N	N	N
9HC5833A	30	500	N	N	N	N	10	<5	N	N	N	N
9HC5833B	15	200	N	N	N	N	N	<5	N	N	N	N
9HC5834A	20	150	N	N	N	N	N	7	N	N	N	N
9HC5834B	15	100	N	N	N	N	N	<5	N	N	N	N
9HC5835A	10	200	N	N	N	N	N	<5	N	N	N	N
9HC5835B	10	150	N	N	N	N	N	<5	N	N	N	N
9HC5835C	N	<20	N	N	N	N	N	N	N	N	N	N
9HC5837A	15	300	N	N	N	N	N	7	N	N	N	N
9HC5837B	15	2,000	N	N	N	N	N	10	N	N	N	<5
9HC5837C	15	300	N	N	N	10	N	10	N	N	N	20
9HC5838A	15	150	N	N	N	N	N	<5	N	N	N	N
9HC5838B	N	<20	N	N	N	N	N	N	N	N	N	N
9HC5839A	<10	50	N	N	N	N	N	<5	N	N	N	N
9HC5839B	10	2,000	N	N	N	N	N	30	N	N	N	<5
9HC5839C	N	20	N	N	N	N	N	5	N	N	N	N
9HD5840A	15	20	N	N	N	N	10	<5	N	N	N	<5

TABLE 6--RESULTS OF ANALYSES, CONFUSION RANGE, UTAH--Continued

Sample	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
8HD5722A	<10	N	N	N	N	20	N	N	N	<10	N
8HC5723A	<10	N	N	N	N	10	N	N	N	N	N
8HC5724A	N	N	N	N	N	15	N	N	N	<10	N
8HC5724B	N	N	N	N	N	15	N	N	N	<10	N
9XC5836A	<10	N	N	N	N	10	N	N	N	N	N
9XC5836B	50	N	N	N	N	10	N	N	N	N	N
9XC5836C	150	N	N	N	<100	<10	N	N	N	N	N
9XC5836D	20	N	N	N	100	<10	N	N	N	N	N
9XC5836E	10	N	N	N	200	10	N	N	N	N	N
9XC5836F	<10	N	N	N	N	<10	N	N	N	N	N
9XC5836G	<10	N	N	N	500	<10	N	N	<200	N	N
9XC5836H	<10	N	N	N	<100	<10	N	N	N	N	N
9HD5826A	N	N	N	N	N	N	N	N	N	N	N
9HD5826B	<10	N	N	N	N	10	N	N	N	N	N
9HD5827A	N	N	N	N	300	<10	N	N	N	N	N
9HD5828A	<10	150	N	N	N	<10	N	N	N	N	N
9HD5828B	<10	200	N	N	N	15	N	N	N	N	N
9HD5828C	<10	N	N	N	100	<10	N	N	N	N	N
9HD5829A	<10	3,000	N	N	200	15	N	N	N	N	N
9HD5830A	10	200	N	N	200	20	N	N	200	<10	N
9HC5831A	<10	N	N	N	N	15	N	N	N	N	N
9HC5831B	N	N	N	N	N	10	N	N	<200	N	N
9HC5831C	N	N	N	N	<100	15	N	N	N	N	N
9HC5831D	<10	N	N	N	700	15	N	N	N	N	N
9HC5832A	50	N	N	N	300	15	N	N	N	N	N
9HC5832B	300	N	N	N	<100	50	N	N	300	N	N
9HC5832C	<10	N	N	N	N	10	N	N	N	N	N
9HC5832D	10	N	N	N	N	15	N	N	N	N	N
9HC5832E	15	N	N	N	300	10	N	N	N	N	N
9HC5833A	N	N	N	N	N	<10	N	N	N	N	N
9HC5833B	<10	N	N	N	N	10	N	N	N	N	N
9HC5834A	<10	N	N	N	N	15	N	N	N	N	N
9HC5834B	N	N	N	N	N	10	N	N	N	N	N
9HC5835A	<10	N	N	N	N	10	N	N	N	N	N
9HC5835B	<10	N	N	N	100	10	N	N	N	N	N
9HC5835C	N	N	5	N	<100	10	N	N	N	N	N
9HC5837A	N	N	N	N	N	<10	N	N	N	N	N
9HC5837B	<10	N	N	N	100	10	N	N	N	N	N
9HC5837C	<10	N	N	N	N	15	N	N	N	N	N
9HC5838A	<10	N	N	N	N	<10	N	N	N	N	N
9HC5838B	N	N	N	N	<100	<10	N	N	N	N	N
9HC5839A	<10	N	N	N	N	<10	N	N	N	N	N
9HC5839B	200	N	N	N	N	50	N	N	<200	N	N
9HC5839C	100	N	N	N	N	<10	N	N	N	N	N
9HD5840A	<10	N	N	N	200	20	N	N	N	70	N

TABLE 6--RESULTS OF ANALYSES, CONFUSION RANGE, UTAH--Continued

Sample	Au-ppm aa	AS-PPM ICP	BI-PPM ICP	CD-PPM ICP	SB-PPM ICP	ZN-PPM ICP	Na-pct. s	P-pct. s	Ga-ppm s	Ge-ppm s	HG-PPM CV	F% ISE
8HD5722A	.45	29	<2	.4	6	18	.3	N	10	N	.02	.02
8HC5723A	.05	<5	<2	<.1	<2	<2	N	N	N	N	N	<.01
8HC5724A	.30	7	<2	<.1	3	<2	N	N	<5	N	.56	.27
8HC5724B	.10	14	<2	<.1	3	<2	N	N	<5	N	.48	1.35
9XC5836A	.50	6	<2	.5	23	15	N	N	N	N	.64	<.01
9XC5836B	.45	22	<2	1.7	41	38	N	N	<5	N	.34	.02
9XC5836C	.10	<5	<2	3.4	2	16	N	N	N	N	1.60	.01
9XC5836D	.10	5	<2	.8	5	25	N	N	N	N	.40	.01
9XC5836E	.05	12	<2	3.5	14	56	N	N	<5	N	.16	<.01
9XC5836F	.30	<5	<2	1.2	3	3	N	N	N	N	.06	<.01
9XC5836G	.45	<5	<2	.5	7	6	N	N	N	N	.14	<.01
9XC5836H	N	<5	<2	.2	4	20	N	N	N	N	.10	.02
9HD5826A	.10	6	<2	.1	3	31	N	.2	N	N	.12	.01
9HD5826B	N	7	<2	<.1	<2	<2	<.2	N	<5	N	.02	.04
9HD5827A	N	<5	<2	<.1	<2	<2	N	N	N	N	.02	.18
9HD5828A	.05	7	<2	.4	68	6	N	N	N	N	.12	.06
9HD5828B	.15	8	<2	.6	128	57	N	N	N	N	.24	.10
9HD5828C	<.05	<5	<2	.2	3	8	N	N	N	N	.20	.04
9HD5829A	.60	18	<2	2.1	2,340	55	N	N	N	N	.80	2.26
9HD5830A	1.00	17	<2	2.1	188	169	N	<.2	10	N	1.10	.04
9HC5831A	.05	21	<2	.4	12	62	N	N	N	N	.14	.02
9HC5831B	.10	12	<2	.9	5	38	N	<.2	<5	N	.20	.02
9HC5831C	N	<5	<2	<.1	<2	<2	N	N	N	N	.04	.02
9HC5831D	.90	14	<2	.6	7	77	N	N	5	N	.34	.01
9HC5832A	1.00	16	<2	.2	15	60	N	.3	7	N	.70	.01
9HC5832B	.65	22	<2	3.1	22	241	N	.2	10	N	.88	.02
9HC5832C	N	<5	<2	.6	3	3	N	N	N	N	.26	<.01
9HC5832D	.05	<5	<2	.5	<2	<2	N	N	N	N	.14	.02
9HC5832E	.40	8	<2	.5	5	27	N	N	N	N	.40	.01
9HC5833A	N	<5	<2	<.1	<2	<2	N	N	N	N	.04	<.01
9HC5833B	.15	<5	<2	.2	<2	3	N	N	N	N	.12	.04
9HC5834A	.05	6	<2	<.1	4	<2	N	N	N	N	.32	.01
9HC5834B	.20	<5	<2	<.1	3	<2	N	N	N	N	.70	.85
9HC5835A	.15	<5	<2	<.1	2	3	N	N	N	N	.10	.02
9HC5835B	N	<5	<2	.1	<2	3	N	N	N	N	.04	.02
9HC5835C	N	<5	<2	<.1	<2	<2	N	N	<5	N	.06	<.01
9HC5837A	N	<5	<2	1.3	3	22	N	N	N	N	.48	.02
9HC5837B	N	6	<2	.9	4	28	N	N	N	N	.38	<.01
9HC5837C	.30	8	<2	5.4	4	76	N	N	N	N	.34	.02
9HC5838A	N	<5	<2	<.1	<2	<2	N	N	N	N	.04	.02
9HC5838B	N	<5	<2	<.1	<2	<2	N	N	N	N	N	<.01
9HC5839A	N	<5	<2	<.1	<2	<2	N	N	N	N	.10	.02
9HC5839B	.60	10	<2	30.5	44	125	N	<.2	<5	N	5.80	<.01
9HC5839C	.05	<5	<2	14.1	6	148	N	N	N	N	.36	.02
9HD5840A	N	22	<2	.1	<2	7	N	N	<5	N	.04	.10

TABLE 6--RESULTS OF ANALYSES, CONFUSION RANGE, UTAH--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
9HD5840B	39 2 45	113 36 24	.10	.30	>20.0	.010	300	N	N	N
9HD5840C	39 2 45	113 36 24	.10	.70	20.0	.005	15	N	N	N
9HD5841A	39 2 51	113 36 28	.10	<.02	10.0	.005	50	7.0	N	N
9HD5841B	39 2 51	113 36 28	<.05	.50	>20.0	<.002	<10	N	N	N
9HD5842A	39 3 1	113 36 34	<.05	.10	>20.0	.010	1,000	10.0	N	N
9HD5842B	39 3 1	113 36 34	N	.70	>20.0	<.002	20	N	N	N
9HD5843A	39 3 13	113 36 40	.05	.05	>20.0	.005	50	2.0	N	N
9HD5843B	39 3 13	113 36 40	.07	.02	7.0	.015	30	1.0	N	N
9HD5843C	39 3 13	113 36 40	<.05	.50	>20.0	.002	20	.5	N	N
9HD5844A	39 1 31	113 35 43	<.05	.50	>20.0	<.002	10	N	N	N
9HC5845A	39 1 5	113 40 15	.05	.10	>20.0	.010	70	<.5	N	N
9HC5845B	39 1 5	113 40 15	.10	.70	>20.0	.007	30	N	N	N
9HC5846A	39 0 31	113 40 2	<.05	.50	2.0	.015	200	70.0	N	N
9HC5846B	39 0 31	113 40 2	.05	.20	.7	.015	100	2,000.0	1,000	N
9HC5846C	39 0 31	113 40 2	.15	>10.00	>20.0	.010	700	20.0	N	N
9HC5846D	39 0 31	113 40 2	<.05	5.00	5.0	.002	2,000	100.0	N	N
9HC5847A	39 0 32	113 40 9	N	>10.00	20.0	<.002	30	N	N	N

TABLE 6--RESULTS OF ANALYSES, CONFUSION RANGE, UTAH--Continued

Sample	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s
9HD5840B	15	100	N	N	N	N	<10	<5	N	N	N	<5
9HD5840C	N	20	N	N	N	N	N	N	N	N	N	N
9HD5841A	10	>5,000	N	N	N	N	<10	5	N	N	N	<5
9HD5841B	N	<20	N	N	N	N	N	N	N	N	N	N
9HD5842A	15	300	N	N	N	N	<10	<5	N	N	N	<5
9HD5842B	N	20	N	N	N	N	N	<5	N	N	N	N
9HD5843A	10	500	N	N	N	N	<10	5	N	N	N	<5
9HD5843B	20	1,000	N	N	N	N	<10	5	N	N	N	<5
9HD5843C	N	50	N	N	N	N	N	<5	N	N	N	N
9HD5844A	N	<20	N	N	N	N	N	N	N	N	N	N
9HC5845A	15	200	N	N	N	N	N	<5	N	N	N	<5
9HC5845B	<10	<20	N	N	N	N	N	<5	N	N	N	N
9HC5846A	20	70	N	N	N	N	<10	10	N	N	N	<5
9HC5846B	30	70	N	N	500	N	<10	500	N	N	N	<5
9HC5846C	10	<20	N	N	N	N	N	N	N	N	N	N
9HC5846D	20	100	N	N	300	N	20	500	N	N	N	N
9HC5847A	N	<20	N	N	N	N	N	N	N	N	N	N

TABLE 6--RESULTS OF ANALYSES, CONFUSION RANGE, UTAH--Continued

Sample	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
9HD5840B	<10	N	N	N	<100	10	N	N	N	<10	N
9HD5840C	N	N	N	N	<100	15	N	N	N	N	N
9HD5841A	<10	N	N	N	500	<10	N	N	N	N	N
9HD5841B	N	N	N	N	200	<10	N	N	N	N	N
9HD5842A	N	N	N	N	N	10	N	N	N	N	N
9HD5842B	N	N	N	N	200	<10	N	N	N	N	N
9HD5843A	N	N	N	N	N	10	N	N	N	N	N
9HD5843B	<10	700	N	N	N	15	N	N	N	N	N
9HD5843C	N	N	<5	N	500	10	N	N	N	N	N
9HD5844A	N	N	N	N	500	<10	N	N	N	N	N
9HC5845A	<10	N	N	N	N	10	N	N	N	N	N
9HC5845B	<10	N	N	N	<100	<10	N	N	N	N	N
9HC5846A	30	150	N	N	N	<10	N	N	<200	N	N
9HC5846B	2,000	1,000	N	N	N	<10	N	N	2,000	N	N
9HC5846C	15	N	N	N	N	<10	N	N	N	N	N
9HC5846D	1,000	200	N	N	N	20	N	N	>10,000	N	N
9HC5847A	N	N	N	N	N	<10	N	N	N	N	N

TABLE 6--RESULTS OF ANALYSES, CONFUSION RANGE, UTAH--Continued

Sample	Au-ppm aa	AS-PPM ICP	BI-PPM ICP	CD-PPM ICP	SB-PPM ICP	ZN-PPM ICP	Na-pct. s	P-pct. s	Ga-ppm s	Ge-ppm s	HG-PPM CV	F% ISE
9HD5840B	N	<5	<2	.2	3	4	N	N	N	N	.04	.01
9HD5840C	N	6	<2	.1	<2	<2	N	N	N	N	N	.04
9HD5841A	.85	10	<2	.3	27	35	N	N	<5	N	.30	5.02
9HD5841B	N	<5	<2	<.1	<2	<2	N	N	N	N	N	.01
9HD5842A	.15	<5	<2	.2	5	4	N	N	N	N	.10	6.74
9HD5842B	N	<5	<2	.2	2	5	N	N	N	N	.04	.01
9HD5843A	N	<5	<2	<.1	32	2	N	N	N	N	.32	1.28
9HD5843B	.15	9	<2	<.1	529	8	N	N	N	N	.24	.94
9HD5843C	.05	<5	<2	<.1	3	<2	N	N	N	N	.82	.13
9HD5844A	N	<5	<2	<.1	<2	<2	N	N	N	N	N	.01
9HC5845A	.20	<5	<2	.1	9	4	N	N	N	N	.16	.01
9HC5845B	.05	<5	<2	<.1	4	3	N	N	N	N	.08	.01
9HC5846A	.95	28	<2	10.2	78	130	N	N	N	N	1.50	<.01
9HC5846B	.40	714	<2	244.0	843	1,060	N	<.2	15	N	5.70	<.01
9HC5846C	.15	15	<2	12.4	6	158	N	N	N	N	.40	.03
9HC5846D	.30	117	<2	280.0	142	10,200	N	<.2	50	N	16.00	.01
9HC5847A	N	<5	<2	.1	<2	<2	N	N	N	N	.02	.01

TABLE 7--RESULTS OF ANALYSES, DEEP CREEK RANGE, UTAH

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

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s
6AA0043	39 59 40	113 55 2	.15	10.00	>20.00	.020	150	N	N	N
6XX0045	40 1 35	113 54 55	.15	10.00	>20.00	.010	200	N	N	N
6XX0046	40 2 2	113 55 4	.50	>10.00	>20.00	.020	300	N	N	N
6XX0048	40 3 45	113 55 6	.50	5.00	10.00	.070	150	N	N	N
6XX0049	40 5 24	113 53 42	1.00	10.00	10.00	.100	150	N	N	N
6XX0050	40 5 9	113 54 58	.50	7.00	10.00	.070	150	N	N	N
6AB0052	39 58 27	113 50 34	5.00	3.00	>20.00	.100	5,000	N	N	N
6AB0054	39 59 53	113 49 31	5.00	>10.00	>20.00	.070	200	N	N	N
6BA0055	39 47 57	113 55 57	10.00	2.00	.10	.700	1,500	<.5	N	N
6BA0056	39 47 58	113 56 1	7.00	.10	.20	.050	1,000	N	N	N
6BA0057	39 48 9	113 56 7	7.00	1.50	10.00	.500	700	N	N	N
6BA0058	39 47 59	113 56 5	2.00	.02	.10	.005	100	N	N	N
6XX1038R	40 0 25	113 50 21	7.00	.30	10.00	.200	500	N	N	N
6XX1039R	40 1 19	113 50 34	.20	>10.00	>20.00	.020	200	N	N	N
6XX1040R	40 2 1	113 50 45	5.00	10.00	15.00	.200	300	N	N	N
6XX1041R	40 2 31	113 51 1	15.00	2.00	7.00	.200	2,000	N	N	N
6XX1042R	40 2 45	113 51 36	1.00	1.50	20.00	.070	200	N	N	N
6XX1043R	40 2 39	113 49 39	2.00	3.00	20.00	.100	700	.5	N	N
6XX1044R	40 3 55	113 49 54	.70	3.00	>20.00	.050	200	.5	N	N
6XX1045R	40 4 29	113 52 27	.70	10.00	>20.00	.050	300	.5	N	N
6AB1046R	39 53 45	113 52 11	2.00	2.00	5.00	.200	1,500	N	N	N
6AB1047R	39 55 4	113 51 2	.20	>10.00	>20.00	.020	500	N	N	N
6XX1048R	39 56 33	113 48 57	5.00	1.50	2.00	.200	1,000	N	N	N
6AA1055R	39 56 4	113 56 10	7.00	1.00	.20	.200	500	N	N	N
6AA1056R	39 56 21	113 55 30	.50	>10.00	>20.00	.030	150	N	N	N
6AA1058R	39 57 44	113 55 22	1.00	10.00	15.00	.020	150	N	N	N
6AA1059R	39 58 26	113 55 10	.05	10.00	20.00	.005	150	N	N	N
6BA1103R	39 47 54	113 55 51	10.00	1.50	.20	.500	1,000	N	N	N
6BA1104R	39 47 54	113 55 51	7.00	1.50	1.00	.300	3,000	N	N	N
6BA1105	39 47 54	113 55 51	1.00	<.02	<.05	.010	20	20.0	N	N
6BA1106	39 47 54	113 55 51	1.00	.20	.20	.030	500	10.0	N	N
7BB3093A	39 46 28	113 51 22	3.00	2.00	.50	.300	1,500	N	N	N
7BB3094A	39 46 28	113 51 32	10.00	5.00	5.00	1.000	1,000	<.5	N	N
7BB3094B	39 46 28	113 51 32	15.00	2.00	2.00	.700	500	2.0	N	N
7BB3095A	39 46 36	113 51 35	10.00	7.00	7.00	1.000	>5,000	3.0	N	N
7AB3097	39 55 25	113 50 10	2.00	.20	.10	.200	1,000	20.0	N	10
7AB3098	39 55 23	113 50 12	10.00	.05	.05	.002	100	200.0	N	N
7AB3099	39 54 59	113 50 25	10.00	.10	.10	.050	700	50.0	2,000	30
7AB3100	39 55 50	113 50 45	3.00	1.50	3.00	.300	1,000	2.0	N	N
7AB3101	39 54 30	113 49 1	3.00	.50	.50	.100	500	10.0	N	N
7XX3102	40 0 37	113 51 23	2.00	.20	1.00	.010	2,000	N	N	N
7XX3103	40 0 37	113 51 46	10.00	2.00	1.50	1.000	500	N	N	N
7XX3105A	40 0 39	113 51 43	5.00	2.00	>20.00	.700	700	N	N	N
7XX3105B	40 0 39	113 51 43	.50	1.50	>20.00	.050	5,000	N	N	N
7XX3106	40 0 31	113 51 54	7.00	1.50	10.00	.300	2,000	N	N	N

TABLE 7--RESULTS OF ANALYSES, DEEP CREEK RANGE, UTAH--Continued

Sample	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s
6AA0043	10	70	N	N	N	N	<10	<5	N	N	N	10
6XX0045	N	<20	N	N	N	N	<10	<5	N	N	N	5
6XX0046	<10	100	N	N	N	N	<10	5	N	5	N	7
6XX0048	100	200	N	N	N	N	20	<5	N	N	N	10
6XX0049	100	150	N	N	N	N	30	5	N	N	N	15
6XX0050	70	100	N	N	N	N	30	5	N	N	N	15
6AB0052	50	500	1.0	N	N	<5	15	10	N	N	N	20
6AB0054	20	50	<1.0	N	N	<5	10	7	N	N	N	15
6BA0055	100	300	5.0	N	N	15	100	30	N	<5	<20	70
6BA0056	50	500	<1.0	N	N	<5	<10	<5	N	N	N	<5
6BA0057	50	300	<1.0	N	N	20	100	30	N	N	N	50
6BA0058	30	50	N	N	N	<5	<10	<5	N	N	N	7
6XX1038R	50	300	3.0	N	N	10	20	15	50	N	N	20
6XX1039R	<10	<20	<1.0	N	N	N	<10	<5	N	N	N	<5
6XX1040R	200	500	2.0	N	N	10	70	20	50	N	N	30
6XX1041R	30	300	<1.0	N	N	N	<10	<5	<20	N	N	<5
6XX1042R	50	200	<1.0	N	N	N	30	10	N	N	N	7
6XX1043R	100	100	<1.0	N	N	30	30	15	N	5	N	50
6XX1044R	50	300	N	N	N	<5	20	<5	N	N	N	5
6XX1045R	50	300	<1.0	N	N	<5	30	<5	N	<5	N	7
6AB1046R	30	1,000	1.0	N	N	10	<10	5	50	N	20	7
6AB1047R	<10	300	N	N	N	N	<10	<5	N	N	N	5
6XX1048R	100	1,500	5.0	N	N	15	50	5	70	N	<20	15
6AA1055R	150	700	5.0	N	N	20	50	20	100	N	30	30
6AA1056R	<10	30	N	N	N	<5	10	<5	N	<5	N	<5
6AA1058R	30	20	N	N	N	<5	<10	<5	N	<5	N	7
6AA1059R	20	20	N	N	N	<5	<10	<5	N	N	N	<5
6BA1103R	500	700	1.0	N	N	15	150	30	100	N	<20	50
6BA1104R	100	500	<1.0	N	N	20	150	20	20	N	N	50
6BA1105	20	70	<1.0	N	N	<5	N	2,000	N	<5	N	5
6BA1106	20	300	<1.0	N	N	<5	<10	300	N	N	N	7
7BB3093A	30	300	2.0	N	N	10	20	5	N	N	N	20
7BB3094A	100	2,000	2.0	N	N	50	100	50	100	N	20	50
7BB3094B	500	3,000	<1.0	N	N	10	30	200	<20	N	<20	20
7BB3095A	50	1,500	3.0	<10	N	50	150	50	200	N	200	100
7AB3097	50	300	<1.0	N	N	N	<10	1,000	<20	N	N	<5
7AB3098	100	300	N	N	N	N	N	1,000	N	N	N	<5
7AB3099	200	100	2.0	N	N	N	N	700	N	N	N	<5
7AB3100	20	5,000	2.0	N	N	10	50	20	50	N	<20	10
7AB3101	50	500	N	N	N	N	<10	100	N	<5	N	<5
7XX3102	15	200	<1.0	N	N	5	N	20	N	N	N	<5
7XX3103	500	2,000	2.0	N	N	30	150	20	100	N	50	50
7XX3105A	100	2,000	N	N	N	10	100	10	100	N	N	20
7XX3105B	N	200	N	N	N	N	N	<5	N	N	N	N
7XX3106	100	3,000	1.0	N	N	10	20	10	20	N	<20	30

TABLE 7--RESULTS OF ANALYSES, DEEP CREEK RANGE, UTAH--Continued

Sample	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa
6AA0043	N	N	N	N	<100	10	N	N	<200	<10	N	N
6XX0045	10	N	N	N	<100	20	N	N	<200	<10	N	N
6XX0046	10	N	N	N	N	20	N	N	<200	<10	N	N
6XX0048	N	N	N	N	N	30	N	<10	200	200	N	N
6XX0049	N	N	<5	N	N	30	N	20	200	150	N	N
6XX0050	N	N	N	N	N	20	N	<10	200	70	N	N
6AB0052	20	N	5	N	700	30	N	20	<200	200	N	N
6AB0054	10	N	7	N	N	20	N	<10	<200	20	N	--
6BA0055	100	N	20	30	N	200	N	30	200	200	N	N
6BA0056	30	N	10	N	N	50	N	20	<200	100	N	N
6BA0057	50	N	15	N	2,000	100	N	20	<200	150	N	N
6BA0058	N	N	N	N	N	10	N	N	200	<10	N	N
6XX1038R	50	N	10	N	200	100	N	50	<200	200	N	N
6XX1039R	<10	N	<5	N	200	<10	N	<10	<200	10	N	N
6XX1040R	<10	N	15	N	<100	100	N	15	<200	70	N	N
6XX1041R	10	N	5	N	N	30	N	10	N	150	N	N
6XX1042R	N	N	5	N	700	50	N	10	<200	150	N	N
6XX1043R	20	N	7	N	N	100	N	30	200	200	N	N
6XX1044R	<10	N	N	N	100	30	N	<10	200	100	N	N
6XX1045R	N	N	<5	N	N	50	N	10	200	100	N	N
6AB1046R	30	N	10	N	100	70	N	50	<200	50	N	N
6AB1047R	<10	N	N	N	100	30	N	<10	<200	700	N	N
6XX1048R	50	N	10	N	500	50	N	30	<200	150	N	N
6AA1055R	70	N	15	N	N	100	N	100	<200	500	N	N
6AA1056R	<10	N	N	N	<100	15	N	<10	<200	10	N	N
6AA1058R	N	N	<5	N	N	15	N	<10	200	20	N	N
6AA1059R	N	N	N	N	N	10	N	N	200	N	N	N
6BA1103R	50	N	20	10	<100	200	N	50	200	200	N	N
6BA1104R	50	N	10	N	150	100	N	20	<200	100	N	N
6BA1105	15	N	N	N	N	<10	N	N	<200	N	N	N
6BA1106	<10	N	N	N	N	15	N	N	<200	50	N	N
7BB3093A	100	N	7	N	N	100	N	20	<200	1,000	N	N
7BB3094A	100	N	50	N	700	200	N	100	200	300	N	N
7BB3094B	200	N	20	20	1,500	200	N	20	300	500	N	.70
7BB3095A	2,000	N	50	50	500	200	N	150	1,000	1,000	N	N
7AB3097	>20,000	N	N	N	N	20	N	<10	<200	200	N	--
7AB3098	>20,000	N	<5	N	N	150	N	N	200	N	N	6.40
7AB3099	>20,000	1,000	<5	N	N	10	N	<10	300	70	N	34.00
7AB3100	5,000	N	15	N	2,000	100	N	50	N	200	N	.10
7AB3101	15,000	N	<5	N	N	20	N	<10	N	200	N	1.80
7XX3102	5,000	N	<5	N	N	10	N	N	<200	<10	N	<.05
7XX3103	150	N	50	N	N	200	N	100	<200	200	N	N
7XX3105A	200	N	30	N	1,000	70	N	150	<200	500	N	N
7XX3105B	50	N	N	N	700	10	N	<10	<200	50	N	N
7XX3106	100	N	30	N	<100	70	N	100	N	1,000	N	N

TABLE 7--RESULTS OF ANALYSES, DEEP CREEK RANGE, UTAH--Continued

Sample	AS-PPM ICP	BI-PPM ICP	CD-PPM ICP	SB-PPM ICP	ZN-PPM ICP	Na-pct. s	P-pct. s	Ga-ppm s	Ge-ppm s	HG-PPM CV	F% ISE
6AA0043	<5	<2	<.1	2	<2.000	--	--	--	--	--	--
6XX0045	<5	<2	.3	2	49.000	--	--	--	--	--	--
6XX0046	<5	<2	.3	4	13.000	--	--	--	--	--	--
6XX0048	<5	<2	.5	<2	16.000	--	--	--	--	--	--
6XX0049	6	<2	.9	<2	12.000	--	--	--	--	--	--
6XX0050	<5	<2	.2	<2	8.000	--	--	--	--	--	--
6AB0052	<5	<2	1.6	<2	8.000	--	--	--	--	--	--
6AB0054	<5	<2	.5	<2	<2.000	--	--	--	--	--	--
6BA0055	22	<2	1.2	<2	100.000	--	--	--	--	--	--
6BA0056	8	<2	.7	<2	4.000	--	--	--	--	--	--
6BA0057	17	<2	.9	<2	22.000	--	--	--	--	--	--
6BA0058	<5	<2	.2	<2	11.000	--	--	--	--	--	--
6XX1038R	46	<2	1.0	<2	48.000	--	--	--	--	--	--
6XX1039R	<5	<2	.1	2	<2.000	--	--	--	--	--	--
6XX1040R	10	<2	.5	<2	17.000	--	--	--	--	--	--
6XX1041R	9	<2	.2	<2	7.000	--	--	--	--	--	--
6XX1042R	<5	<2	.2	<2	10.000	--	--	--	--	--	--
6XX1043R	37	<2	1.8	8	120.000	--	--	--	--	--	--
6XX1044R	<5	<2	.3	<2	32.000	--	--	--	--	--	--
6XX1045R	8	<2	.1	3	5.000	--	--	--	--	--	--
6AB1046R	<5	<2	<.1	<2	4.000	--	--	--	--	--	--
6AB1047R	<5	<2	.3	3	10.000	--	--	--	--	--	--
6XX1048R	<5	<2	.3	<2	47.000	--	--	--	--	--	--
6AA1055R	9	<2	.4	<2	48.000	--	--	--	--	--	--
6AA1056R	<5	<2	.2	<2	<2.000	--	--	--	--	--	--
6AA1058R	<5	<2	.1	<2	<2.000	--	--	--	--	--	--
6AA1059R	<5	<2	<.1	<2	<2.000	--	--	--	--	--	--
6BA1103R	9	<2	.8	<2	70.000	--	--	--	--	--	--
6BA1104R	<5	<2	.8	<2	86.000	--	--	--	--	--	--
6BA1105	7	4	.4	<2	62.000	--	--	--	--	--	--
6BA1106	<5	<2	.3	<2	11.000	--	--	--	--	--	--
7BB3093A	N	N	.2	N	50.000	--	--	--	--	--	--
7BB3094A	10	N	.2	N	160.000	--	--	--	--	--	--
7BB3094B	<10	8	N	N	95.000	--	--	--	--	--	--
7BB3095A	10	6	9.5	N	>2,000.000	--	--	--	--	--	--
7AB3097	30	N	.4	6	50.000	--	--	--	--	--	--
7AB3098	40	4	2.8	26	80.000	--	--	--	--	--	--
7AB3099	1,800	N	2.4	600	400.000	--	--	--	--	--	--
7AB3100	10	N	.1	N	65.000	--	--	--	--	--	--
7AB3101	70	N	.6	58	150.000	--	--	--	--	--	--
7XX3102	10	N	.6	N	110.000	--	--	--	--	--	--
7XX3103	N	N	.1	N	70.000	--	--	--	--	--	--
7XX3105A	<10	N	.1	N	15.000	--	--	--	--	--	--
7XX3105B	N	N	N	N	N	--	--	--	--	--	--
7XX3106	10	N	N	N	15.000	--	--	--	--	--	--

TABLE 7--RESULTS OF ANALYSES, DEEP CREEK RANGE, UTAH--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
7XX3107A	40 0 35	113 51 53	2.00	10.00	>20.00	.005	2,000	N	N	N
7XX3107B	40 0 35	113 51 53	3.00	10.00	>20.00	<.002	3,000	30.0	N	N
7XX3107C	40 0 35	113 51 53	>20.00	.50	.20	<.002	50	10.0	500	N
7XX3108	40 0 30	113 51 46	5.00	10.00	>20.00	N	2,000	<.5	N	N
7XX3109	40 0 35	113 51 53	5.00	>10.00	>20.00	.002	2,000	.5	N	N
7XX3110	40 0 37	113 51 51	5.00	>10.00	>20.00	.002	5,000	1.0	N	N
7XX3111	40 0 38	113 51 53	10.00	1.00	5.00	.700	1,000	N	N	N
7AA3113B	39 55 41	113 54 56	<.05	.05	.10	.002	<10	N	N	N
7AA3113C	39 55 40	113 54 56	.20	>10.00	>20.00	.003	200	N	N	N
7AA3113D	39 55 41	113 55 0	3.00	7.00	5.00	.300	100	1.0	N	N
7AA3114A	39 55 34	113 54 54	.20	10.00	15.00	.020	200	N	N	N
7AA3114B	39 55 34	113 54 54	.30	10.00	>20.00	.030	2,000	.7	N	N
7AA3114C	39 55 34	113 54 54	1.00	.50	.50	.100	200	1.0	N	N
7AA3114D	39 55 34	113 54 54	.70	.30	.10	.300	50	N	N	N
7AA3114E	39 55 34	113 54 54	1.00	.30	.15	.300	70	N	N	N
7AA3116	39 55 33	113 54 47	.20	10.00	>20.00	.020	1,000	N	N	N
7AA3117A	39 55 33	113 54 44	.20	>10.00	>20.00	.020	150	N	N	N
7AA3117B	39 55 33	113 54 44	1.00	.50	.50	.100	200	5.0	N	N
7AA3118	39 54 47	113 53 47	1.00	.15	.10	.200	20	N	N	N
7AA3119A	39 55 3	113 53 44	.05	10.00	>20.00	<.002	500	N	N	N
7AA3119B	39 55 3	113 53 44	2.00	.30	.20	.100	150	N	N	N
7AA3120A	39 55 7	113 53 52	<.05	10.00	>20.00	<.002	300	N	N	N
7AA3120B	39 55 7	113 53 52	1.00	.30	.30	.300	500	N	N	N
7AA3120C	39 55 7	113 53 52	.07	>10.00	>20.00	.005	700	N	N	N
7AA3120D	39 55 7	113 53 52	.07	>10.00	>20.00	.005	700	N	N	N
7AA3121	39 55 6	113 53 55	1.00	.20	.70	.100	500	N	N	N
7AA3122A	39 55 28	113 54 32	.05	>10.00	>20.00	.003	500	N	N	N
7AA3122B	39 55 28	113 54 32	<.05	>10.00	>20.00	.003	500	N	N	N
6XX5036A	40 0 21	113 52 16	1.00	2.00	5.00	.030	1,000	70.0	<200	N
6XX5036B	40 0 21	113 52 16	5.00	2.00	10.00	.070	700	200.0	1,000	N
6XX5037	40 0 35	113 51 54	3.00	2.00	>20.00	.150	2,000	1.0	N	N
6XX5038	40 0 31	113 51 54	10.00	1.50	10.00	.500	5,000	N	N	N
6XX5039A	40 0 37	113 51 23	10.00	.20	.50	.010	>5,000	N	N	N
6XX5039B	40 0 37	113 51 23	10.00	1.00	.50	.007	1,000	1.0	N	N
6XX5040	40 0 39	113 51 21	10.00	.10	.10	.015	5,000	1.0	N	N
6BA5047A	39 50 43	113 53 50	2.00	.10	.50	.050	200	N	N	N
6BA5047B	39 50 43	113 53 50	15.00	.20	.05	.020	500	1.0	N	N
6BA5048A	39 50 25	113 54 48	1.50	.50	3.00	.200	500	N	N	N
6BA5048B	39 50 25	113 54 48	10.00	5.00	5.00	1.000	1,000	N	N	N
6BA5049	39 49 42	113 55 8	3.00	.50	3.00	.150	500	N	N	N
6BA5050	39 49 38	113 55 26	5.00	.50	.10	.200	200	.5	N	N
6BA5051	39 48 35	113 56 33	3.00	1.00	5.00	.200	700	N	N	N
6BA5052	39 48 13	113 57 21	.30	.20	<.05	.200	1,000	10.0	200	N
6XX5115	40 3 4	113 51 36	.20	10.00	>20.00	.010	200	2.0	N	N
6AA5116A	39 55 41	113 54 58	2.00	.50	.20	.150	30	.7	N	N

TABLE 7--RESULTS OF ANALYSES, DEEP CREEK RANGE, UTAH--Continued

Sample	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s
7XX3107A	N	50	N	N	N	N	<10	<5	N	N	N	N
7XX3107B	<10	20	N	N	N	5	<10	50	N	N	N	5
7XX3107C	700	100	N	N	N	100	N	3,000	N	7	N	100
7XX3108	<10	50	N	N	N	N	N	50	N	N	N	5
7XX3109	20	50	N	N	N	N	N	20	N	N	N	N
7XX3110	10	50	N	N	N	20	N	20	N	N	N	10
7XX3111	500	700	2.0	N	N	30	200	20	100	N	20	50
7AA3113B	N	>5,000	N	N	N	N	N	<5	N	N	N	N
7AA3113C	N	5,000	<1.0	N	N	N	N	5	N	N	N	<5
7AA3113D	100	>5,000	1.0	N	N	20	200	50	50	15	N	150
7AA3114A	N	700	<1.0	N	N	N	N	7	<20	N	N	<5
7AA3114B	<10	1,000	N	N	N	<5	N	5	N	N	N	10
7AA3114C	30	2,000	3.0	N	N	N	20	10	50	N	N	5
7AA3114D	15	2,000	1.5	N	N	N	50	10	30	N	N	<5
7AA3114E	20	1,500	2.0	N	N	N	<10	10	20	N	N	5
7AA3116	N	>5,000	<1.0	N	N	N	N	<5	N	N	N	<5
7AA3117A	N	50	<1.0	N	N	N	N	<5	N	N	N	<5
7AA3117B	10	700	1.5	N	N	<5	20	20	N	N	N	5
7AA3118	<10	500	<1.0	N	N	N	10	<5	N	N	N	5
7AA3119A	N	30	<1.0	N	N	N	N	<5	N	N	N	N
7AA3119B	10	500	1.0	N	N	N	20	15	N	N	N	<5
7AA3120A	N	<20	<1.0	N	N	N	N	<5	N	N	N	N
7AA3120B	10	700	<1.0	N	N	N	<10	10	N	N	N	<5
7AA3120C	N	20	1.0	N	N	N	N	5	N	N	N	5
7AA3120D	N	30	<1.0	N	N	N	N	5	N	N	N	<5
7AA3121	10	200	<1.0	N	N	N	<10	15	N	N	N	5
7AA3122A	N	20	<1.0	N	N	N	N	<5	N	N	N	<5
7AA3122B	N	<20	<1.0	N	N	N	N	<5	N	N	N	<5
6XX5036A	70	100	<1.0	N	100	<5	<10	300	N	N	N	5
6XX5036B	100	150	1.0	N	300	<5	15	1,000	N	N	N	10
6XX5037	100	500	1.0	N	N	10	30	20	20	N	N	20
6XX5038	200	1,000	3.0	N	N	10	50	7	100	N	<20	15
6XX5039A	20	500	2.0	N	N	5	<10	50	N	N	N	7
6XX5039B	20	100	3.0	N	N	10	<10	70	N	N	N	10
6XX5040	30	150	2.0	N	N	7	<10	50	N	10	N	20
6BA5047A	50	500	10.0	N	N	<5	<10	<5	<20	100	20	5
6BA5047B	30	200	20.0	10	N	5	<10	<5	N	N	N	5
6BA5048A	20	700	7.0	N	N	N	<10	20	50	N	70	<5
6BA5048B	20	1,000	5.0	N	N	30	100	20	50	N	<20	30
6BA5049	20	1,000	5.0	N	N	5	20	5	70	N	20	5
6BA5050	15	100	2.0	N	N	5	10	<5	70	N	100	5
6BA5051	20	2,000	5.0	N	N	5	10	<5	100	5	30	<5
6BA5052	50	500	2.0	N	N	7	20	20	<20	N	N	5
6XX5115	N	N	N	N	N	N	<10	10	N	N	N	5
6AA5116A	50	>5,000	2.0	N	N	<5	10	20	N	N	N	20

TABLE 7--RESULTS OF ANALYSES, DEEP CREEK RANGE, UTAH--Continued

Sample	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa
7XX3107A	50	N	N	N	N	<10	N	N	N	<10	N	N
7XX3107B	>20,000	200	N	N	200	<10	N	N	1,000	<10	N	N
7XX3107C	20,000	2,000	N	N	N	100	N	20	>10,000	50	N	.20
7XX3108	500	N	N	N	N	<10	N	N	N	N	N	<.05
7XX3109	2,000	N	N	N	<100	<10	N	N	1,000	N	N	N
7XX3110	200	N	N	N	N	<10	N	10	200	N	N	N
7XX3111	70	N	30	N	N	100	N	50	<200	200	N	N
7AA3113B	50	N	10	N	>5,000	<10	N	N	<200	N	N	N
7AA3113C	10	500	50	N	200	20	N	<10	<200	<10	N	N
7AA3113D	500	N	20	N	N	150	N	15	700	500	N	N
7AA3114A	20	N	50	N	N	15	N	<10	<200	<10	N	N
7AA3114B	20	N	<5	N	300	10	N	10	N	<10	N	N
7AA3114C	30	N	<5	N	N	50	N	<10	N	100	N	N
7AA3114D	50	N	<5	N	N	30	N	10	N	300	N	N
7AA3114E	20	N	10	N	N	30	N	<10	N	200	N	N
7AA3116	10	N	<5	N	N	<10	N	<10	N	10	N	N
7AA3117A	15	N	N	N	N	10	N	N	N	<10	N	N
7AA3117B	100	N	50	N	N	30	N	<10	N	100	N	N
7AA3118	<10	N	30	N	N	70	N	20	N	300	N	N
7AA3119A	30	N	<5	N	N	<10	N	<10	N	N	N	N
7AA3119B	10	N	20	N	N	30	N	<10	N	150	N	N
7AA3120A	15	N	N	N	N	<10	N	<10	N	<10	N	N
7AA3120B	20	N	N	N	N	20	N	<10	N	200	N	N
7AA3120C	10	N	N	N	N	<10	N	<10	N	<10	N	N
7AA3120D	30	N	N	N	N	<10	N	<10	N	<10	N	N
7AA3121	15	N	N	N	N	10	N	10	N	50	N	N
7AA3122A	30	N	N	N	N	<10	N	<10	N	<10	N	N
7AA3122B	20	N	30	N	N	<10	N	<10	N	N	N	N
6XX5036A	5,000	1,000	<5	N	<100	50	N	<10	>10,000	30	N	<.10
6XX5036B	>20,000	5,000	5	N	200	200	N	10	>10,000	50	N	.40
6XX5037	200	N	10	N	700	70	N	50	200	150	N	<.10
6XX5038	50	N	15	N	100	100	N	100	<200	700	N	<.10
6XX5039A	70	N	<5	N	N	50	N	<10	200	N	N	<.10
6XX5039B	500	N	N	N	N	70	N	N	500	N	N	.40
6XX5040	300	N	<5	N	N	50	N	<10	500	<10	N	<.10
6BA5047A	20	N	<5	N	N	20	N	50	<200	100	N	<.10
6BA5047B	700	N	<5	10	N	200	50	<10	1,000	<10	N	<.10
6BA5048A	100	N	10	10	100	50	N	30	<200	200	N	<.10
6BA5048B	70	N	20	<10	500	200	N	20	200	200	N	<.10
6BA5049	100	N	10	<10	200	70	N	20	<200	300	N	<.10
6BA5050	50	N	7	N	200	30	N	10	<200	200	N	<.10
6BA5051	70	N	10	N	700	100	N	50	<200	500	N	<.10
6BA5052	5,000	N	7	N	N	100	N	50	<200	700	N	17.00
6XX5115	500	N	N	N	N	<10	N	N	N	<10	N	N
6AA5116A	100	500	N	N	3,000	10	N	10	N	150	N	N

TABLE 7--RESULTS OF ANALYSES, DEEP CREEK RANGE, UTAH--Continued

Sample	AS-PPM ICP	BI-PPM ICP	CD-PPM ICP	SB-PPM ICP	ZN-PPM ICP	Na-pct. s	P-pct. s	Ga-ppm s	Ge-ppm s	HG-PPM CV	F% ISE
7XX3107A	N	N	.1	N	30.000	--	--	--	--	--	--
7XX3107B	20	N	15.0	140	>2,000.000	--	--	--	--	--	--
7XX3107C	610	N	12.0	>1,000	>2,000.000	--	--	--	--	--	--
7XX3108	<10	N	.6	6	180.000	--	--	--	--	--	--
7XX3109	<10	N	4.6	10	>2,000.000	--	--	--	--	--	--
7XX3110	20	N	.2	6	400.000	--	--	--	--	--	--
7XX3111	<10	N	.1	N	370.000	--	--	--	--	--	--
7AA3113B	<10	N	.9	44	20.000	--	--	--	--	--	--
7AA3113C	<10	N	.2	N	30.000	--	--	--	--	--	--
7AA3113D	60	N	.9	640	1,100.000	--	--	--	--	--	--
7AA3114A	<10	N	.1	4	35.000	--	--	--	--	--	--
7AA3114B	<10	N	.2	N	80.000	--	--	--	--	--	--
7AA3114C	10	N	.1	N	30.000	--	--	--	--	--	--
7AA3114D	<10	N	.1	N	15.000	--	--	--	--	--	--
7AA3114E	20	N	.1	N	20.000	--	--	--	--	--	--
7AA3116	<10	N	.5	N	45.000	--	--	--	--	--	--
7AA3117A	<10	N	.1	N	10.000	--	--	--	--	--	--
7AA3117B	20	N	.1	24	25.000	--	--	--	--	--	--
7AA3118	50	N	.1	N	5.000	--	--	--	--	--	--
7AA3119A	N	N	.3	N	30.000	--	--	--	--	--	--
7AA3119B	30	N	.1	N	5.000	--	--	--	--	--	--
7AA3120A	N	N	.2	N	20.000	--	--	--	--	--	--
7AA3120B	10	N	.1	N	<5.000	--	--	--	--	--	--
7AA3120C	N	N	.1	N	<5.000	--	--	--	--	--	--
7AA3120D	<10	N	N	N	15.000	--	--	--	--	--	--
7AA3121	10	N	.1	2	10.000	--	--	--	--	--	--
7AA3122A	<10	N	.1	N	15.000	--	--	--	--	--	--
7AA3122B	N	N	.1	N	20.000	--	--	--	--	--	--
6XX5036A	160	<2	36.0	480	21,000.000	--	--	--	--	--	--
6XX5036B	840	<2	130.0	1,900	45,000.016	--	--	--	--	--	--
6XX5037	12	<2	1.7	2	140.000	--	--	--	--	--	--
6XX5038	10	<2	1.0	11	21.000	--	--	--	--	--	--
6XX5039A	11	<2	1.2	8	110.000	--	--	--	--	--	--
6XX5039B	28	<2	1.2	5	450.000	--	--	--	--	--	--
6XX5040	23	<2	2.1	5	300.000	--	--	--	--	--	--
6BA5047A	<5	<2	.1	<2	32.000	--	--	--	--	--	--
6BA5047B	32	7	1.7	2	500.000	--	--	--	--	--	--
6BA5048A	<5	<2	<.1	<2	13.000	--	--	--	--	--	--
6BA5048B	44	3	.7	3	110.000	--	--	--	--	--	--
6BA5049	10	<2	<.1	<2	24.000	--	--	--	--	--	--
6BA5050	<5	<2	.1	<2	22.000	--	--	--	--	--	--
6BA5051	<5	<2	<.1	<2	33.000	--	--	--	--	--	--
6BA5052	190	<2	<.1	4	15.000	--	--	--	--	--	--
6XX5115	<10	<1	.5	2	20.000	--	--	--	--	--	--
6AA5116A	10	N	.8	220	70.000	--	--	--	--	--	--

TABLE 7--RESULTS OF ANALYSES, DEEP CREEK RANGE, UTAH--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
6AA5116B	39 55 41	113 54 58	5.00	3.00	20.00	.150	3,000	7.0	N	N
6AB5117	39 55 25	113 50 8	10.00	.03	<.05	.100	100	200.0	300	10
6AB5118	39 56 11	113 49 40	20.00	.02	<.05	.005	5,000	N	N	N
6BA5119	39 45 41	113 52 57	15.00	.20	<.05	.200	200	<.5	N	N
6BA5120	39 45 28	113 52 49	10.00	3.00	3.00	.200	1,000	7.0	N	N
6BB5121	39 46 28	113 51 21	20.00	3.00	10.00	.010	3,000	2.0	N	N
6BA5122	39 47 54	113 55 50	3.00	.30	1.00	.050	5,000	2.0	N	N
8AA5503R	39 52 42	113 57 2	.70	.20	.20	.050	300	N	N	N
8AA5504R	39 52 34	113 57 8	1.00	.20	.20	.050	300	N	N	N
8BA5506R	39 51 15	113 56 38	1.50	.50	.20	.100	500	N	N	N
8BA5509R	39 48 44	113 58 16	5.00	1.00	.07	.500	300	N	N	N
8BA5510A	39 48 13	113 57 32	1.00	.03	<.05	.050	200	1.0	300	N
8BA5510B	39 48 13	113 57 32	.50	.02	.10	.010	1,000	<.5	N	N
8BA5510C	39 48 13	113 57 32	1.00	<.02	<.05	.010	20	1.0	200	N
8BA5510D	39 48 13	113 57 32	1.00	.15	.07	.150	1,000	.5	N	N
8BA5510E	39 48 13	113 57 32	3.00	.70	<.05	.300	500	.7	N	N
8BA5510F	39 48 13	113 57 32	.15	.03	.05	.015	100	N	N	N
8CA5511R	39 43 3	113 53 42	1.00	.50	.07	.100	200	N	N	N
8CA5512R	39 42 22	113 53 13	.10	<.02	<.05	.050	10	N	N	N
8CA5513R	39 41 42	113 53 11	2.00	2.00	.07	.100	300	N	N	N
8CA5514R	39 41 45	113 55 19	1.50	.50	.05	.070	200	N	N	N
8CA5515A	39 41 53	113 56 38	7.00	.15	.15	.100	2,000	N	N	N
8CA5515B	39 41 53	113 56 38	10.00	.10	<.05	.070	700	N	N	N
8CA5515C	39 41 53	113 56 38	7.00	.10	.20	.007	1,000	N	N	N
8CA5516A	39 40 38	113 58 12	.10	.05	<.05	N	1,500	N	N	N
8CA5516B	39 40 38	113 58 12	.10	<.02	<.05	N	200	N	N	N
8CA5516C	39 40 38	113 58 12	.20	.05	<.05	.010	100	N	N	N
8CA5517A	39 37 55	113 58 20	3.00	3.00	5.00	.200	150	N	N	N
8CA5517B	39 37 55	113 58 20	.20	10.00	20.00	.020	300	N	N	N
8XX5520A	39 58 23	113 55 36	<.05	.10	.20	N	20	700.0	2,000	N
8XX5520B	39 58 23	113 55 36	.15	.10	.30	N	500	3.0	N	N
8XX5520C	39 58 23	113 55 36	.05	>10.00	10.00	.005	300	20.0	N	N
8XX5520D	39 58 23	113 55 36	.07	>10.00	10.00	.007	1,500	500.0	N	N
8XX5520E	39 58 23	113 55 36	<.05	.70	2.00	N	30	70.0	N	N
8XX5520G	39 58 23	113 55 36	N	.03	.20	N	50	2.0	N	N
8AA5525A	39 55 27	113 54 39	.05	.05	<.05	.020	20	3.0	N	N
8AA5525B	39 55 27	113 54 39	.05	.02	<.05	.030	20	1.0	N	N
8AA5526A	39 55 29	113 54 44	.70	.05	<.05	.100	70	<.5	N	N
8AA5526B	39 55 29	113 54 44	.20	.05	<.05	.020	50	5.0	N	N
8AA5526C	39 55 29	113 54 44	.10	10.00	>20.00	.007	500	N	N	N
8AA5527A	39 55 31	113 54 48	.10	.05	<.05	.020	300	N	N	N
8AA5527B	39 55 31	113 54 48	.20	.05	<.05	.020	20	N	N	N
8AA5527C	39 55 31	113 54 48	.05	7.00	7.00	.002	200	N	N	N
8AA5528A	39 55 32	113 54 51	7.00	.50	5.00	.050	70	<.5	N	N
8AA5528B	39 55 32	113 54 51	.50	.10	<.05	.050	100	N	N	N

TABLE 7--RESULTS OF ANALYSES, DEEP CREEK RANGE, UTAH--Continued

Sample	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s
6AA5116B	100	200	5.0	N	N	30	50	300	N	N	N	100
6AB5117	30	100	<1.0	N	N	<5	<10	200	N	100	N	5
6AB5118	20	200	N	N	N	<5	<10	5	N	N	N	5
6BA5119	20	500	15.0	N	N	N	20	300	N	N	N	<5
6BA5120	10	100	3.0	>1,000	N	7	20	500	N	50	N	5
6BB5121	<10	<20	<1.0	30	N	50	<10	2,000	N	N	N	20
6BA5122	30	50	<1.0	<10	N	15	10	100	N	70	N	20
8AA5503R	15	200	5.0	N	N	N	<10	7	N	N	N	<5
8AA5504R	15	300	7.0	N	N	N	<10	<5	N	N	N	<5
8BA5506R	15	300	5.0	N	N	N	<10	<5	50	N	N	<5
8BA5509R	70	300	2.0	N	N	<10	50	20	<50	N	N	5
8BA5510A	20	50	1.5	N	N	N	<10	50	N	N	N	<5
8BA5510B	20	20	3.0	N	N	N	N	<5	N	N	20	<5
8BA5510C	10	20	N	N	N	N	N	10	N	N	N	5
8BA5510D	300	300	5.0	N	N	N	15	7	N	N	<20	5
8BA5510E	50	700	2.0	N	N	N	50	30	N	N	N	15
8BA5510F	10	50	5.0	N	N	N	N	<5	N	N	N	<5
8CA5511R	10	300	<1.0	N	N	N	<10	7	N	N	N	5
8CA5512R	10	100	<1.0	N	N	N	<10	<5	N	N	N	<5
8CA5513R	20	200	<1.0	N	N	N	15	7	<50	N	N	15
8CA5514R	15	50	1.0	N	N	N	10	5	N	N	N	7
8CA5515A	20	150	20.0	N	N	N	10	10	N	N	N	10
8CA5515B	15	70	100.0	N	N	N	N	20	N	N	N	10
8CA5515C	15	100	30.0	N	N	N	N	7	N	N	N	5
8CA5516A	10	1,000	<1.0	N	N	N	N	20	N	N	N	5
8CA5516B	10	300	N	N	N	N	N	7	N	N	N	5
8CA5516C	10	100	2.0	N	N	N	N	<5	N	N	N	5
8CA5517A	100	200	1.0	N	N	20	70	20	<50	10	N	20
8CA5517B	<10	100	N	N	N	N	<10	<5	N	N	N	<5
8XX5520A	15	50	N	N	150	N	<10	3,000	<50	N	N	7
8XX5520B	15	50	N	N	N	N	<10	20	N	N	N	7
8XX5520C	N	<20	N	N	N	N	<10	5	N	N	N	N
8XX5520D	<10	30	N	N	300	N	<10	70	N	N	N	N
8XX5520E	10	20	N	N	N	N	<10	10	N	N	N	5
8XX5520G	20	20	N	N	N	N	<10	<5	N	N	N	5
8AA5525A	15	100	3.0	N	N	N	<10	7	N	N	N	7
8AA5525B	15	70	2.0	N	N	N	<10	5	N	N	N	7
8AA5526A	20	300	7.0	N	N	N	<10	7	N	N	N	7
8AA5526B	15	200	5.0	N	N	N	<10	20	N	N	N	7
8AA5526C	<10	20	N	N	N	N	<10	<5	N	N	N	N
8AA5527A	10	150	3.0	N	N	N	<10	10	N	N	N	7
8AA5527B	15	200	5.0	N	N	N	<10	5	N	N	N	5
8AA5527C	10	20	N	N	N	N	<10	<5	N	N	N	5
8AA5528A	30	2,000	5.0	N	N	<10	10	150	N	N	N	50
8AA5528B	20	300	7.0	N	N	N	<10	15	N	N	N	5

TABLE 7--RESULTS OF ANALYSES, DEEP CREEK RANGE, UTAH--Continued

Sample	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa
6AA5116B	1,500	200	5	N	200	100	70	15	1,000	100	N	N
6AB5117	20,000	100	N	N	N	15	N	N	200	100	N	20.00
6AB5118	50	N	N	N	N	10	N	N	200	N	N	3.15
6BA5119	20	N	5	N	<100	50	200	<10	200	200	N	N
6BA5120	300	N	5	N	N	70	500	N	2,000	70	N	N
6BB5121	20	N	5	N	150	20	<20	20	300	N	N	2.75
6BA5122	200	N	N	N	N	20	N	<10	2,000	10	N	N
8AA5503R	100	N	N	N	N	10	N	15	N	20	N	<.05
8AA5504R	50	N	N	N	N	15	N	<10	N	20	N	<.05
8BA5506R	30	N	N	N	N	20	N	<10	N	50	N	<.05
8BA5509R	30	N	10	N	N	100	N	20	N	100	N	<.05
8BA5510A	700	N	N	N	N	15	N	N	300	150	N	.15
8BA5510B	100	N	<5	N	N	<10	N	50	200	20	N	<.05
8BA5510C	100	N	N	N	N	10	N	N	<200	70	N	1.00
8BA5510D	700	N	7	N	N	15	N	50	N	150	N	<.05
8BA5510E	200	N	5	N	N	50	N	15	300	150	N	<.05
8BA5510F	100	N	N	N	N	<10	N	N	N	<10	N	<.05
8CA5511R	10	N	N	N	N	20	N	<10	N	150	N	<.05
8CA5512R	<10	N	N	N	N	10	N	N	N	100	N	<.05
8CA5513R	<10	N	N	N	N	20	N	10	N	200	N	<.05
8CA5514R	<10	N	N	N	N	15	N	<10	N	100	N	<.05
8CA5515A	<10	N	N	N	N	15	N	20	N	200	N	<.05
8CA5515B	<10	N	N	N	N	10	N	50	N	150	N	<.05
8CA5515C	<10	N	N	N	N	15	N	10	N	<10	N	<.05
8CA5516A	200	N	N	N	N	<10	N	N	N	N	N	<.05
8CA5516B	10	N	N	N	N	<10	N	N	N	N	N	<.05
8CA5516C	<10	N	N	N	N	15	N	N	N	50	N	<.05
8CA5517A	10	N	7	N	<100	100	N	15	N	150	N	<.05
8CA5517B	<10	N	N	N	N	10	N	N	N	20	N	.10
8XX5520A	10,000	7,000	N	N	N	10	N	N	700	N	N	<.05
8XX5520B	30	N	N	N	N	10	N	N	N	N	N	<.05
8XX5520C	150	N	N	N	N	15	N	N	N	N	N	.05
8XX5520D	7,000	100	N	N	N	10	N	N	>10,000	N	N	.05
8XX5520E	2,000	1,500	N	N	N	15	N	N	N	N	N	<.05
8XX5520G	10	N	N	N	N	<10	N	N	N	N	N	<.05
8AA5525A	20	N	N	N	N	10	<20	N	N	100	N	<.05
8AA5525B	<10	N	N	N	N	<10	N	N	N	100	N	<.05
8AA5526A	<10	N	N	N	N	15	<20	N	N	100	N	<.05
8AA5526B	50	N	N	N	N	10	<20	N	N	70	N	<.05
8AA5526C	<10	N	N	N	N	10	N	N	N	N	N	<.05
8AA5527A	20	N	N	N	N	10	N	N	N	100	N	<.05
8AA5527B	<10	N	N	N	N	10	N	N	N	50	N	<.05
8AA5527C	<10	N	N	N	N	10	N	N	N	N	N	<.05
8AA5528A	50	N	N	N	N	50	N	15	5,000	10	N	<.05
8AA5528B	100	N	N	N	N	15	N	N	N	30	N	<.05

TABLE 7--RESULTS OF ANALYSES, DEEP CREEK RANGE, UTAH--Continued

Sample	AS-PPM ICP	BI-PPM ICP	CD-PPM ICP	SB-PPM ICP	ZN-PPM ICP	Na-pct. s	P-pct. s	Ga-ppm s	Ge-ppm s	HG-PPM CV	F% ISE
6AA5116B	50	N	4.3	96	800.000	--	--	--	--	--	--
6AB5117	400	N	.5	72	100.000	--	--	--	--	--	--
6AB5118	20	N	N	N	50.000	--	--	--	--	--	--
6BA5119	<10	6	N	N	80.000	--	--	--	--	--	--
6BA5120	10	>1,000	24.0	6	>2,000.000	--	--	--	--	--	--
6BB5121	N	40	1.9	N	100.000	--	--	--	--	--	--
6BA5122	<10	15	9.4	N	1,400.000	--	--	--	--	--	--
8AA5503R	<5	<2	.3	<2	29.000	3.0	<.2	30	N	N	.02
8AA5504R	<5	<2	.2	<2	38.000	3.0	<.2	20	N	N	.02
8BA5506R	<5	<2	.2	<2	26.000	3.0	<.2	30	N	N	.03
8BA5509R	<5	<2	.1	<2	58.000	2.0	<.2	30	N	N	.02
8BA5510A	240	<2	.8	<2	180.000	<.2	<.2	<5	N	N	<.01
8BA5510B	23	<2	.1	<2	130.000	3.0	<.2	30	N	N	<.01
8BA5510C	290	<2	1.0	<2	46.000	N	<.2	<5	N	N	<.01
8BA5510D	31	<2	.1	<2	40.000	3.0	<.2	20	N	N	.01
8BA5510E	6	<2	.3	<2	190.000	1.0	<.2	15	N	N	<.01
8BA5510F	<5	<2	.2	<2	13.000	3.0	<.2	15	N	N	<.01
8CA5511R	<5	<2	.1	<2	18.000	1.5	<.2	10	N	N	<.01
8CA5512R	<5	<2	1.0	<2	<2.000	N	<.2	N	N	N	<.01
8CA5513R	11	<2	.2	<2	52.000	N	<.2	7	N	N	<.01
8CA5514R	<5	<2	1.4	<2	35.000	.5	<.2	5	N	N	<.01
8CA5515A	<5	<2	1.4	<2	110.000	1.0	N	10	N	N	.02
8CA5515B	<5	<2	1.2	<2	120.000	N	N	15	N	N	.01
8CA5515C	<5	<2	1.3	<2	98.000	N	N	7	N	N	<.01
8CA5516A	<5	3	.2	<2	10.000	N	<.2	<5	N	N	<.01
8CA5516B	<5	<2	.1	<2	4.000	N	<.2	<5	N	N	<.01
8CA5516C	<5	<2	.1	<2	8.000	.5	<.2	<5	N	N	<.01
8CA5517A	22	<2	.5	3	44.000	1.0	<.2	15	N	N	.06
8CA5517B	<5	<2	.2	<2	<2.000	1.0	N	<5	N	.10	.01
8XX5520A	940	<2	140.0	7,800	900.000	N	<.2	<5	N	.0	.01
8XX5520B	6	<2	1.3	64	66.000	N	<.2	N	N	1.16	<.01
8XX5520C	<5	<2	3.0	22	66.000	N	N	N	N	.80	.02
8XX5520D	9	<2	200.0	140	12,000.000	N	N	15	N	.0	.02
8XX5520E	<5	<2	37.0	1,900	100.000	N	<.2	N	N	12.00	<.01
8XX5520G	<5	<2	1.5	27	48.000	N	<.2	N	N	N	<.01
8AA5525A	<5	<2	.4	26	19.000	N	<.2	N	N	.40	<.01
8AA5525B	<5	<2	<.1	12	7.000	N	<.2	N	N	N	<.01
8AA5526A	11	<2	.1	12	12.000	N	<.2	<5	N	N	.02
8AA5526B	6	<2	.1	27	33.000	N	<.2	<5	N	.24	<.01
8AA5526C	<5	<2	<.1	3	4.000	N	N	N	N	.46	.01
8AA5527A	<5	<2	.1	12	14.000	N	<.2	<5	N	.04	<.01
8AA5527B	<5	<2	<.1	16	19.000	N	<.2	<5	N	.02	.01
8AA5527C	<5	<2	.1	2	6.000	N	N	N	N	.76	<.01
8AA5528A	170	<2	22.0	41	3,700.000	N	N	15	N	.48	.04
8AA5528B	7	<2	.2	10	41.000	N	<.2	<5	N	N	<.01

TABLE 7--RESULTS OF ANALYSES, DEEP CREEK RANGE, UTAH--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
8AA5528C	39 55 32	113 54 51	5.00	.10	<.05	.100	30	.5	N	N
8AA5529A	39 55 34	113 54 55	.05	.70	.30	.010	10	N	N	N
8AA5529B	39 55 34	113 54 55	.07	.03	.10	.015	N	N	N	N
8AA5529C	39 55 34	113 54 55	.10	.05	<.05	.070	<10	N	N	N
8AA5529D	39 55 34	113 54 55	.30	7.00	5.00	.020	70	N	N	N
8AA5529E	39 55 34	113 54 55	<.05	.10	.10	.005	<10	N	N	N
8AA5530A	39 55 39	113 55 14	5.00	.20	<.05	.200	15	N	N	N
8AA5531A	39 54 57	113 53 49	.50	.03	<.05	.050	30	N	N	N
8AA5531B	39 54 57	113 53 49	.15	.02	<.05	.005	50	N	N	N
8AA5531C	39 54 57	113 53 49	<.05	>10.00	20.00	<.002	100	N	N	N
8AA5532A	39 54 43	113 53 29	1.00	.10	<.05	.050	10	N	N	N
8AA5532B	39 54 43	113 53 29	.05	.03	<.05	.005	20	N	N	N
8AA5532C	39 54 43	113 53 29	<.05	10.00	20.00	<.002	50	N	N	N
8AA5533A	39 54 35	113 53 19	.20	.05	.05	.015	<10	N	N	N
8AA5533B	39 54 35	113 53 19	.30	10.00	20.00	.030	300	N	N	N
8AA5534A	39 54 31	113 53 16	.50	.07	.05	.020	15	N	N	N
8AA5534B	39 54 31	113 53 16	.05	>10.00	>20.00	.002	1,000	N	N	N
8AA5535A	39 54 25	113 53 18	.10	.07	.05	.010	15	N	N	N
8AA5535B	39 54 25	113 53 18	.10	10.00	20.00	<.002	500	N	N	N
8AA5536A	39 54 15	113 53 19	.30	.07	<.05	.050	200	N	N	N
8BA5537A	39 45 26	113 52 58	10.00	.02	.05	.100	50	1.0	N	N
8BA5537B	39 45 26	113 52 58	.30	.02	<.05	.002	20	N	N	N
8BA5537C	39 45 26	113 52 58	15.00	.02	.50	.070	15	1.5	N	N
8BA5538A	39 45 21	113 52 56	.70	2.00	.50	.100	2,000	N	N	N
8BA5538B	39 45 21	113 52 56	.50	.70	.10	.020	500	50.0	N	N
8BA5538C	39 45 21	113 52 56	.70	1.00	.07	.030	1,000	N	N	N
8BA5539A	39 45 25	113 52 47	15.00	.05	2.00	<.002	50	5.0	N	N
8AB5543A	39 55 20	113 47 21	.20	<.02	<.05	.020	10	N	N	N
8AB5544A	39 54 59	113 48 37	1.00	<.02	<.05	.010	100	3.0	N	N
8AB5544B	39 54 59	113 48 37	.30	.02	<.05	.050	50	5.0	N	N
8AB5544C	39 54 59	113 48 37	3.00	.10	.10	.070	100	7.0	<200	N
8AB5544D	39 54 59	113 48 37	2.00	.02	.05	.050	100	<.5	500	N
8AB5544E	39 54 59	113 48 37	.70	<.02	<.05	.015	30	150.0	N	N
8AB5544F	39 54 59	113 48 37	2.00	<.02	<.05	.020	20	300.0	<200	N
8BB5546A	39 51 52	113 47 44	1.00	.50	.20	.100	300	<.5	N	N
8BB5549A	39 50 5	113 48 22	3.00	.70	.50	.150	500	N	N	N
8AB5560A	39 53 41	113 50 19	.50	<.02	<.05	.005	70	10.0	N	N
8AB5560B	39 53 41	113 50 19	5.00	.10	<.05	.050	50	7.0	N	N
8AB5561A	39 53 36	113 50 10	.70	.07	.20	.070	200	N	N	N
8AB5561B	39 53 36	113 50 10	.70	.10	.20	.070	300	N	N	N
8AB5562A	39 59 5	113 51 43	1.00	2.00	>20.00	.100	300	N	N	N
8AB5562B	39 59 5	113 51 43	.70	1.50	>20.00	.100	300	N	N	N
8AB5562C	39 59 5	113 51 43	.30	5.00	>20.00	.015	200	N	N	N
8AB5562D	39 59 5	113 51 43	1.00	10.00	20.00	.002	2,000	N	N	N
8AB5562E	39 59 5	113 51 43	2.00	10.00	10.00	.002	5,000	500.0	5,000	N

TABLE 7--RESULTS OF ANALYSES, DEEP CREEK RANGE, UTAH--Continued

Sample	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s
8AA5528C	50	700	10.0	N	N	10	15	30	N	N	N	10
8AA5529A	15	>5,000	N	N	N	N	<10	7	N	N	N	N
8AA5529B	15	>5,000	N	N	N	N	<10	<5	N	N	N	<5
8AA5529C	50	>5,000	N	N	N	N	<10	7	N	N	N	N
8AA5529D	30	>5,000	N	N	N	N	<10	10	N	N	N	<5
8AA5529E	<10	>5,000	N	N	N	N	N	<5	N	N	N	N
8AA5530A	30	500	2.0	N	N	10	70	70	<50	N	N	15
8AA5531A	15	500	<1.0	N	N	N	<10	5	N	N	N	<5
8AA5531B	10	500	N	N	N	N	<10	<5	N	N	N	<5
8AA5531C	N	70	N	N	N	N	N	N	N	N	N	N
8AA5532A	50	500	1.0	N	N	N	<10	<5	N	N	N	5
8AA5532B	10	100	<1.0	N	N	N	N	<5	N	N	N	5
8AA5532C	<10	20	N	N	N	N	<10	N	N	N	N	N
8AA5533A	10	200	N	N	N	N	<10	N	N	N	N	5
8AA5533B	10	100	N	N	N	N	<10	<5	N	N	N	N
8AA5534A	20	300	<1.0	N	N	N	<10	N	N	N	N	5
8AA5534B	N	50	N	N	N	N	N	<5	N	N	N	N
8AA5535A	20	200	<1.0	N	N	N	<10	N	N	N	N	5
8AA5535B	<10	20	N	N	N	N	<10	5	N	N	N	N
8AA5536A	20	300	1.0	N	N	N	<10	5	N	N	N	5
8BA5537A	N	300	1.0	N	N	N	<10	300	N	N	N	N
8BA5537B	<10	70	150.0	N	N	N	N	5	N	N	N	<5
8BA5537C	N	300	N	N	N	N	N	30	N	N	N	N
8BA5538A	20	500	100.0	N	N	<10	70	50	N	N	N	15
8BA5538B	20	300	500.0	>1,000	N	N	N	30	N	N	N	7
8BA5538C	20	500	500.0	N	N	N	<10	30	N	N	N	5
8BA5539A	20	50	>1,000.0	200	N	50	N	2,000	N	30	N	20
8AB5543A	10	70	2.0	N	N	N	N	5	N	N	N	5
8AB5544A	10	100	N	N	N	N	N	200	N	N	N	5
8AB5544B	15	200	<1.0	N	N	N	<10	7	N	N	N	<5
8AB5544C	20	1,000	5.0	N	N	N	10	100	N	20	N	10
8AB5544D	15	500	<1.0	N	N	N	<10	20	N	5	N	7
8AB5544E	10	20	<1.0	<10	N	<10	<10	500	N	N	N	5
8AB5544F	10	1,000	N	20	N	N	<10	5,000	N	N	N	5
8BB5546A	<10	500	3.0	N	N	N	10	15	<50	N	N	5
8BB5549A	<10	700	3.0	N	N	N	10	10	50	N	N	5
8AB5560A	<10	50	150.0	1,000	N	N	<10	5	N	15	N	<5
8AB5560B	10	300	5.0	>1,000	N	N	<10	10	N	50	N	5
8AB5561A	10	500	7.0	N	N	N	<10	N	<50	N	N	<5
8AB5561B	<10	300	2.0	N	N	N	<10	<5	<50	N	N	<5
8AB5562A	50	200	N	N	N	N	15	15	N	N	N	7
8AB5562B	30	150	N	N	N	N	10	7	N	N	N	5
8AB5562C	<10	20	N	N	N	N	<10	<5	N	N	N	N
8AB5562D	N	<20	N	N	N	N	N	<5	N	N	N	N
8AB5562E	N	20	N	N	N	N	<10	100	N	10	N	N

TABLE 7--RESULTS OF ANALYSES, DEEP CREEK RANGE, UTAH--Continued

Sample	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa
8AA5528C	50	N	N	N	N	70	N	N	300	200	N	<.05
8AA5529A	10	<100	N	N	>5,000	<10	N	N	N	N	N	<.05
8AA5529B	100	100	N	N	>5,000	10	N	N	N	<10	N	<.05
8AA5529C	200	500	N	N	>5,000	15	N	N	N	70	N	<.05
8AA5529D	200	300	N	N	1,500	10	N	N	<200	<10	N	<.05
8AA5529E	<10	N	N	N	>5,000	<10	N	N	N	N	N	<.05
8AA5530A	70	N	10	N	N	50	N	15	N	100	N	<.05
8AA5531A	10	N	N	N	N	<10	N	N	N	150	N	<.05
8AA5531B	<10	N	N	N	N	<10	N	N	N	N	N	<.05
8AA5531C	<10	N	N	N	N	<10	N	N	N	N	N	<.05
8AA5532A	<10	N	N	N	N	30	N	10	N	100	N	<.05
8AA5532B	30	N	N	N	N	10	N	N	N	<10	N	<.05
8AA5532C	10	N	N	N	N	<10	N	N	N	N	N	<.05
8AA5533A	<10	N	N	N	N	15	N	N	N	10	N	<.05
8AA5533B	<10	N	N	N	100	10	N	N	N	<10	N	<.05
8AA5534A	<10	N	N	N	N	10	N	N	N	70	N	<.05
8AA5534B	100	N	N	N	N	10	N	N	N	N	N	<.05
8AA5535A	N	N	N	N	N	<10	N	N	N	150	N	<.05
8AA5535B	300	N	N	N	N	10	N	N	N	N	N	<.05
8AA5536A	<10	N	N	N	N	15	N	N	N	100	N	<.05
8BA5537A	<10	N	N	N	<100	50	N	20	200	70	N	<.05
8BA5537B	N	N	N	N	N	<10	50	N	N	N	N	<.05
8BA5537C	<10	N	N	20	N	20	N	15	200	150	N	<.05
8BA5538A	<10	N	7	50	N	150	<20	N	N	N	N	<.05
8BA5538B	150	N	<5	20	N	50	50	N	200	N	N	<.05
8BA5538C	10	N	<5	30	N	70	N	N	200	N	N	<.05
8BA5539A	20	N	N	N	N	50	100	30	5,000	N	N	<.05
8AB5543A	<10	N	N	N	N	<10	N	N	<200	70	N	<.05
8AB5544A	1,000	N	N	N	N	<10	N	N	300	30	N	<.05
8AB5544B	50	N	N	N	N	15	N	N	N	100	N	<.05
8AB5544C	1,000	N	N	N	N	20	N	N	700	150	N	<.05
8AB5544D	20	N	N	N	N	15	N	N	N	70	N	<.05
8AB5544E	7,000	3,000	N	N	N	10	N	N	500	10	N	.55
8AB5544F	10,000	1,000	N	N	N	10	N	N	1,500	70	N	1.40
8BB5546A	150	N	N	N	<100	50	N	<10	N	100	N	<.05
8BB5549A	100	N	N	N	<100	70	N	N	N	150	N	<.05
8AB5560A	70	N	N	N	N	10	N	N	N	N	N	<.05
8AB5560B	1,000	N	N	<10	N	20	70	N	N	100	N	.05
8AB5561A	50	N	N	N	<100	15	N	N	N	30	N	<.05
8AB5561B	30	N	N	N	N	15	N	<10	N	100	N	<.05
8AB5562A	300	N	N	N	300	15	N	10	N	30	N	<.05
8AB5562B	200	N	N	N	300	15	N	10	N	20	N	<.05
8AB5562C	30	N	N	N	500	10	N	N	N	<10	N	<.05
8AB5562D	30	N	N	N	N	<10	N	N	N	N	N	<.05
8AB5562E	>20,000	5,000	N	N	300	<10	N	N	N	N	N	.60

TABLE 7--RESULTS OF ANALYSES, DEEP CREEK RANGE, UTAH--Continued

Sample	AS-PPM ICP	BI-PPM ICP	CD-PPM ICP	SB-PPM ICP	ZN-PPM ICP	Na-pct. s	P-pct. s	Ga-ppm s	Ge-ppm s	HG-PPM CV	F% ISE
8AA5528C	17	<2	.7	18	240.000	N	<.2	15	N	.06	.02
8AA5529A	<5	<2	.7	23	23.000	N	<.2	N	N	>36.00	<.01
8AA5529B	<5	<2	1.5	84	69.000	N	<.2	<5	N	.0	<.01
8AA5529C	5	<2	1.2	380	78.000	N	<.2	10	N	.0	<.01
8AA5529D	<5	<2	1.8	150	110.000	N	N	<5	N	>36.00	<.01
8AA5529E	<5	<2	.7	20	8.000	N	N	N	N	.0	<.01
8AA5530A	48	<2	.5	17	87.000	.5	<.2	20	N	.16	.02
8AA5531A	54	<2	<.1	5	6.000	N	<.2	N	N	.0	<.01
8AA5531B	15	<2	<.1	3	5.000	N	<.2	N	N	.0	<.01
8AA5531C	<5	<2	<.1	<2	4.000	N	N	N	N	.64	<.01
8AA5532A	30	<2	<.1	<2	6.000	N	<.2	10	N	.52	<.01
8AA5532B	<5	<2	<.1	<2	<2.000	N	<.2	N	N	.24	<.01
8AA5532C	<5	<2	<.1	<2	<2.000	N	N	N	N	.22	.01
8AA5533A	<5	<2	<.1	<2	<2.000	N	<.2	<5	N	.24	<.01
8AA5533B	<5	<2	.1	<2	<2.000	N	N	10	N	.56	.01
8AA5534A	10	<2	<.1	<2	3.000	N	<.2	<5	N	.32	<.01
8AA5534B	<5	<2	<.1	<2	22.000	N	N	N	N	.26	<.01
8AA5535A	<5	<2	<.1	<2	<2.000	N	<.2	<5	N	.08	<.01
8AA5535B	<5	<2	.1	2	<2.000	N	N	N	N	.16	<.01
8AA5536A	<5	<2	<.1	<2	2.000	N	<.2	5	N	.08	<.01
8BA5537A	<5	2	<.1	<2	17.000	.5	N	20	N	N	.03
8BA5537B	<5	<2	<.1	<2	17.000	N	<.2	N	N	N	.04
8BA5537C	<5	2	<.1	<2	5.000	2.0	N	15	N	N	.02
8BA5538A	<5	<2	.7	<2	48.000	.5	<.2	30	N	.30	2.51
8BA5538B	<5	490	.7	<2	82.000	.2	.5	15	N	<.20	.07
8BA5538C	<5	<2	.2	<2	49.000	.3	.3	30	N	<.02	.14
8BA5539A	19	140	8.4	<2	2,900.000	<.2	N	N	N	.06	10.50
8AB5543A	<5	<2	<.1	<2	7.000	N	<.2	N	N	<.02	.03
8AB5544A	39	3	.8	4	280.000	N	<.2	N	N	.10	<.01
8AB5544B	12	<2	<.1	<2	<2.000	N	<.2	<5	N	.04	<.01
8AB5544C	180	<2	.8	28	670.000	<.2	<.2	10	N	.10	.01
8AB5544D	420	<2	.3	5	25.000	N	<.2	<5	N	<.20	<.01
8AB5544E	64	20	13.0	1,500	380.000	N	<.2	N	N	.0	<.01
8AB5544F	130	19	6.1	730	1,400.000	N	N	5	N	.0	<.01
8BB5546A	<5	<2	<.1	13	37.000	3.0	<.2	20	N	<.02	.02
8BB5549A	<5	<2	.2	7	40.000	3.0	<.2	20	N	.02	.02
8AB5560A	<5	660	.2	4	24.000	N	<.2	N	N	<.20	<.01
8AB5560B	<5	760	.4	3	55.000	1.0	<.2	15	N	<.20	.02
8AB5561A	<5	3	<.1	<2	25.000	2.0	<.2	20	N	<.02	.01
8AB5561B	<5	3	<.1	<2	28.000	3.0	<.2	20	N	<.02	.02
8AB5562A	7	<2	.3	3	13.000	N	N	10	N	.04	.03
8AB5562B	8	<2	.4	3	10.000	N	N	10	N	.04	.04
8AB5562C	<5	<2	.2	<2	5.000	N	N	N	N	<.02	.02
8AB5562D	<5	<2	.6	<2	<2.000	N	N	N	N	<.02	<.01
8AB5562E	5,200	<2	6.0	3,200	6.000	N	N	<5	N	.48	<.01

TABLE 7--RESULTS OF ANALYSES, DEEP CREEK RANGE, UTAH--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
8AB5562F	39 59 5	113 51 43	2.00	10.00	10.00	.003	5,000	700.0	7,000	N
8BB5563A	39 45 0	113 51 47	1.50	7.00	.10	.020	1,000	2.0	N	N
8BB5563B	39 45 0	113 51 47	.50	10.00	10.00	<.002	2,000	.5	N	N
8BB5563C	39 45 0	113 51 47	.70	.50	.20	.005	500	3.0	N	N
8BB5563D	39 45 0	113 51 47	7.00	.50	.10	.200	150	N	N	N
8BB5563E	39 45 0	113 51 47	7.00	2.00	3.00	.070	1,500	N	N	N
8BB5563F	39 45 0	113 51 47	2.00	10.00	2.00	.020	1,500	N	N	N
8BB5563G	39 45 0	113 51 47	.50	2.00	>20.00	.003	700	7.0	N	N
8BB5564A	39 44 45	113 53 7	5.00	5.00	.20	1.000	1,500	N	N	N
8BB5564B	39 44 45	113 53 7	2.00	5.00	.30	.150	1,500	N	N	N
8BB5564C	39 44 45	113 53 7	.70	.50	.30	.015	1,000	N	N	N
8BB5564D	39 44 45	113 53 7	.20	.05	.10	.003	200	N	N	N
8CA5565A	39 44 59	113 53 18	1.00	5.00	>20.00	.015	1,500	5.0	N	N
8CA5565B	39 44 59	113 53 18	3.00	.03	>20.00	N	10	2.0	N	N
8CA5565C	39 44 59	113 53 18	.20	10.00	20.00	.003	500	N	N	N
8CA5565D	39 44 59	113 53 18	2.00	.20	20.00	N	3,000	100.0	N	N
8CA5565E	39 44 59	113 53 18	1.50	.10	>20.00	N	1,000	50.0	N	N
8CA5565F	39 44 59	113 53 18	3.00	10.00	.15	.050	1,000	10.0	N	N
8CA5565G	39 44 59	113 53 18	.70	.50	.50	.002	1,000	50.0	N	N
8CA5565H	39 44 59	113 53 18	.70	1.00	1.00	.007	1,000	30.0	N	N
8CA5565I	39 44 59	113 53 18	>20.00	3.00	.07	<.002	3,000	N	N	N
8CA5566A	39 44 46	113 52 48	.50	.10	.10	.010	500	N	N	N
8CA5567A	39 44 46	113 52 50	3.00	5.00	1.50	.300	1,500	2.0	N	N
8CA5567B	39 44 46	113 52 50	20.00	1.50	.10	.070	500	200.0	N	N
8CA5567C	39 44 46	113 52 50	2.00	7.00	10.00	.020	1,000	<.5	N	N
8CA5567D	39 44 46	113 52 50	3.00	.10	.05	.070	200	10.0	N	N
8CA5567E	39 44 46	113 52 50	2.00	7.00	.20	.050	700	2.0	N	N
8CA5567F	39 44 46	113 52 50	.50	.02	.10	N	30	1.0	N	N
8CA5567G	39 44 46	113 52 50	.70	>10.00	20.00	<.002	300	N	N	N
8BB5568A	39 46 28	113 51 34	>20.00	1.50	.20	.100	5,000	7.0	N	N
8BB5568B	39 46 28	113 51 34	20.00	.50	.30	.100	200	3.0	N	N
8BB5568C	39 46 28	113 51 34	5.00	3.00	.30	.500	300	N	N	N
8BB5568D	39 46 28	113 51 34	5.00	1.50	.07	.300	300	N	N	N
8BB5568E	39 46 28	113 51 34	>20.00	1.00	1.00	.020	1,500	1.0	N	N
8BB5569A	39 46 25	113 51 25	1.00	.20	.20	.020	500	N	N	N
8BB5569B	39 46 25	113 51 25	15.00	2.00	1.00	.020	2,000	2.0	N	N
8BB5569C	39 46 25	113 51 25	7.00	5.00	.50	.700	300	N	N	N
8BB5570A	39 46 36	113 51 37	3.00	.50	.07	.150	1,500	<.5	N	N
8BB5570B	39 46 36	113 51 37	.50	.20	.05	.020	700	.5	N	N
8BB5570C	39 46 36	113 51 37	2.00	2.00	.30	.500	5,000	<.5	N	N
8AB5571A	39 54 50	113 50 17	1.00	.10	<.05	.150	700	N	N	N
8AB5571B	39 54 50	113 50 17	3.00	.02	<.05	.010	500	2.0	N	N
8AB5571C	39 54 50	113 50 17	5.00	<.02	<.05	.007	20	5.0	<200	N
8AB5571D	39 54 50	113 50 17	.70	.05	<.05	.050	100	N	N	N
8AB5572A	39 55 3	113 50 56	2.00	.50	.10	.150	300	N	N	N

TABLE 7--RESULTS OF ANALYSES, DEEP CREEK RANGE, UTAH--Continued

Sample	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s
8AB5562F	N	20	N	N	N	N	<10	100	<50	<5	N	N
8BB5563A	15	200	500.0	N	N	N	N	<5	N	N	N	5
8BB5563B	10	20	100.0	50	N	N	N	<5	N	N	N	<5
8BB5563C	10	30	10.0	20	N	<10	N	30	N	<5	N	5
8BB5563D	20	500	30.0	N	N	N	70	100	<50	15	20	7
8BB5563E	15	100	50.0	N	N	30	15	100	N	20	N	70
8BB5563F	10	200	100.0	70	N	N	<10	20	N	5	N	5
8BB5563G	N	20	700.0	50	N	N	N	20	N	7	N	N
8BB5564A	<10	200	5.0	N	N	50	200	100	N	N	N	50
8BB5564B	20	200	50.0	30	N	30	30	50	N	N	N	50
8BB5564C	20	200	15.0	N	N	N	<10	<5	N	N	N	<5
8BB5564D	15	50	7.0	N	N	N	<10	<5	N	N	N	<5
8CA5565A	N	200	5.0	700	300	N	N	50	N	N	N	<5
8CA5565B	<10	30	2.0	>1,000	N	N	N	100	N	N	N	10
8CA5565C	N	<20	N	N	N	N	N	<5	N	N	N	N
8CA5565D	<10	20	10.0	>1,000	>500	30	N	200	N	N	N	10
8CA5565E	N	<20	3.0	>1,000	>500	10	N	70	N	N	N	<5
8CA5565F	<10	300	20.0	20	N	N	20	30	N	20	N	15
8CA5565G	<10	30	100.0	200	N	N	N	30	N	N	N	5
8CA5565H	<10	20	50.0	100	N	N	N	7	N	N	N	5
8CA5565I	N	70	<1.0	N	N	N	N	30	N	N	N	5
8CA5566A	10	200	5.0	15	N	N	N	5	N	N	N	<5
8CA5567A	15	100	1,000.0	50	N	<10	30	150	N	30	20	<5
8CA5567B	50	100	100.0	>1,000	N	30	10	1,000	N	50	N	20
8CA5567C	<10	50	30.0	N	N	<10	<10	5	N	N	N	5
8CA5567D	20	50	20.0	1,000	N	N	10	100	N	N	N	7
8CA5567E	500	50	5.0	N	N	N	<10	150	N	10	N	5
8CA5567F	10	30	N	70	N	N	N	20	N	N	N	<5
8CA5567G	N	<20	N	N	N	N	N	5	N	N	N	<5
8BB5568A	<10	200	N	N	N	70	<10	1,500	N	N	N	30
8BB5568B	15	100	N	N	N	50	N	300	N	N	N	20
8BB5568C	<10	300	1.0	N	N	30	30	50	<50	N	N	30
8BB5568D	10	700	1.0	N	N	15	50	70	50	N	N	30
8BB5568E	N	20	N	N	N	100	N	2,000	N	N	N	30
8BB5569A	<10	20	N	N	N	N	N	20	N	N	N	<5
8BB5569B	N	20	<1.0	150	N	50	N	2,000	N	N	N	10
8BB5569C	20	1,000	1.5	N	N	30	100	50	50	N	20	50
8BB5570A	10	50	N	N	N	10	<10	700	N	N	N	7
8BB5570B	10	50	N	N	N	N	30	50	N	N	N	5
8BB5570C	<10	500	2.0	N	N	20	<10	70	<50	N	N	30
8AB5571A	50	200	<1.0	N	N	<10	10	7	<50	N	N	<5
8AB5571B	15	2,000	N	N	N	10	<10	50	N	N	N	5
8AB5571C	15	50	N	N	N	<10	<10	100	N	N	N	5
8AB5571D	20	200	N	N	N	N	<10	7	N	N	N	5
8AB5572A	20	700	1.0	N	N	<10	15	10	<50	N	N	7

TABLE 7--RESULTS OF ANALYSES, DEEP CREEK RANGE, UTAH--Continued

Sample	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa
8AB5562F	>20,000	7,000	N	N	500	<10	N	N	N	N	N	.75
8BB5563A	5,000	N	N	50	N	20	1,000	N	300	N	N	<.05
8BB5563B	700	N	N	N	N	10	50	N	300	N	N	<.05
8BB5563C	200	N	N	N	N	20	500	N	5,000	N	N	<.05
8BB5563D	200	N	<5	20	100	100	100	15	N	200	N	<.05
8BB5563E	100	N	N	N	500	30	N	30	1,000	50	N	<.05
8BB5563F	200	N	N	15	N	15	500	<10	1,000	N	N	<.05
8BB5563G	50	N	N	N	N	10	1,000	50	2,000	N	N	<.05
8BB5564A	150	N	20	20	N	200	N	15	300	20	N	.05
8BB5564B	100	N	7	<10	100	100	70	<10	300	N	N	<.05
8BB5564C	150	N	N	20	N	15	N	N	N	<10	N	<.05
8BB5564D	30	N	N	N	N	<10	N	N	N	N	N	<.05
8CA5565A	150	N	N	10	N	15	100	30	>10,000	N	N	<.05
8CA5565B	20	N	N	N	N	15	20	50	1,500	N	N	<.05
8CA5565C	30	N	N	N	N	<10	N	N	500	N	N	<.05
8CA5565D	1,000	N	N	N	N	<10	150	15	>10,000	N	N	<.05
8CA5565E	500	N	N	N	N	<10	300	15	>10,000	N	N	<.05
8CA5565F	1,000	N	N	30	N	30	1,500	N	5,000	N	N	<.05
8CA5565G	5,000	N	N	N	N	10	50	N	1,500	N	N	<.05
8CA5565H	1,000	N	N	N	N	10	200	N	500	N	N	<.05
8CA5565I	N	N	N	N	N	15	N	<10	300	N	N	<.05
8CA5566A	15	N	N	N	N	<10	N	<10	N	<10	N	.05
8CA5567A	20	N	10	30	100	70	2,000	20	700	200	N	<.05
8CA5567B	1,000	N	N	N	N	20	500	10	>10,000	300	N	.10
8CA5567C	<10	N	N	N	N	30	N	N	500	N	N	<.05
8CA5567D	150	N	N	N	N	20	1,000	N	N	50	N	<.05
8CA5567E	10	N	N	N	N	15	500	N	3,000	20	N	<.05
8CA5567F	30	N	N	N	N	<10	N	N	200	N	N	<.05
8CA5567G	<10	N	N	N	N	<10	N	N	N	N	N	<.05
8BB5568A	30	N	10	N	N	30	N	30	2,000	30	N	1.10
8BB5568B	30	N	N	N	N	20	N	<10	300	50	N	2.10
8BB5568C	30	N	15	N	150	150	N	20	N	150	N	<.05
8BB5568D	20	N	15	N	<100	150	N	20	N	150	N	<.05
8BB5568E	20	N	<5	N	N	15	N	15	200	N	N	5.80
8BB5569A	<10	N	N	N	N	10	N	N	<200	20	N	.80
8BB5569B	30	N	<5	N	<100	20	<20	15	<200	10	N	15.00
8BB5569C	20	N	20	N	<100	150	N	50	N	150	N	<.05
8BB5570A	2,000	N	N	N	N	20	N	N	5,000	100	N	<.05
8BB5570B	3,000	N	N	N	N	15	N	N	2,000	70	N	.60
8BB5570C	2,000	N	5	20	N	70	N	N	1,000	100	N	.10
8AB5571A	200	N	N	N	N	20	N	N	N	200	N	.10
8AB5571B	200	N	N	N	N	20	N	N	300	<10	N	9.30
8AB5571C	1,000	N	N	N	N	15	N	<10	200	20	N	4.00
8AB5571D	70	N	N	N	N	10	N	N	<200	50	N	.40
8AB5572A	20	N	N	N	200	50	N	N	N	100	N	<.05

TABLE 7--RESULTS OF ANALYSES, DEEP CREEK RANGE, UTAH--Continued

Sample	AS-PPM ICP	BI-PPM ICP	CD-PPM ICP	SB-PPM ICP	ZN-PPM ICP	Na-pct. s	P-pct. s	Ga-ppm s	Ge-ppm s	HG-PPM CV	F% ISE
8AB5562F	8,100	<2	7.1	5,200	12.000	N	N	<5	N	.0	<.01
8BB5563A	81	<2	1.8	99	370.000	2.0	<.2	30	N	.0	.63
8BB5563B	21	4	4.9	26	220.000	.2	N	10	N	<.02	5.19
8BB5563C	16	14	4.8	8	2,100.000	N	<.2	N	N	<.02	.67
8BB5563D	7	7	.9	12	51.000	1.0	.2	15	N	.04	.08
8BB5563E	<5	4	5.0	<2	500.000	<.2	<.2	10	N	.02	.59
8BB5563F	<5	20	1.9	<2	620.000	.2	<.2	20	N	<.02	7.55
8BB5563G	<5	23	15.0	<2	2,000.000	N	N	N	N	<.20	39.60
8BB5564A	7	4	1.1	<2	190.000	1.5	N	20	N	<.02	.25
8BB5564B	<5	29	1.0	<2	160.000	3.0	<.2	30	N	.04	.29
8BB5564C	<5	<2	<.1	<2	19.000	2.0	.2	20	N	<.02	.06
8BB5564D	<5	<2	<.1	<2	5.000	3.0	<.2	20	N	<.02	.09
8CA5565A	<5	200	110.0	<2	18,000.000	N	N	10	N	.04	28.50
8CA5565B	11	1,400	12.0	<2	1,500.000	N	N	N	N	<.02	20.80
8CA5565C	<5	<2	4.4	<2	160.000	N	N	N	N	<.02	.10
8CA5565D	<5	1,800	1,100.0	<2	34,000.000	N	N	<5	N	.0	8.39
8CA5565E	<5	1,300	1,100.0	<2	35,000.000	N	N	<5	N	<.20	20.80
8CA5565F	<5	<2	5.6	<2	4,200.000	N	.5	30	N	<.20	.63
8CA5565G	<5	150	17.0	<2	1,900.000	N	N	5	N	N	.89
8CA5565H	<5	210	5.3	<2	640.000	N	N	<5	N	N	.75
8CA5565I	<5	<2	.3	<2	110.000	N	N	15	N	.02	.02
8CA5566A	<5	10	.3	<2	50.000	3.0	<.2	30	N	N	.18
8CA5567A	<5	42	3.0	<2	840.000	1.5	<.2	20	N	.02	2.07
8CA5567B	6	11,000	88.0	<2	24,000.000	N	N	10	N	.0	.51
8CA5567C	<5	7	.3	<2	130.000	.3	N	10	N	N	.15
8CA5567D	<5	1,200	.8	<2	95.000	.3	<.2	5	N	N	.03
8CA5567E	<5	21	8.6	3	5,800.000	N	<.2	10	N	N	1.97
8CA5567F	<5	69	5.4	<2	230.000	N	<.2	N	N	N	.01
8CA5567G	<5	<2	.6	16	100.000	N	N	N	N	N	.02
8BB5568A	<5	14	4.9	<2	1,900.000	1.5	N	15	N	.04	.06
8BB5568B	<5	16	.4	<2	380.000	<.2	N	15	N	N	.02
8BB5568C	7	<2	.5	<2	110.000	2.0	<.2	20	N	N	.07
8BB5568D	<5	<2	.7	<2	170.000	1.0	N	20	N	N	.04
8BB5568E	<5	24	.6	<2	72.000	<.2	N	15	N	N	.01
8BB5569A	<5	3	.2	<2	22.000	N	N	<5	N	N	<.01
8BB5569B	<5	100	.7	<2	100.000	N	N	10	N	N	.01
8BB5569C	<5	<2	.7	<2	120.000	3.0	<.2	20	N	N	.05
8BB5570A	5	<2	35.0	<2	8,500.000	N	<.2	<5	N	N	.01
8BB5570B	<5	5	15.0	2	3,300.000	N	<.2	<5	N	N	<.01
8BB5570C	<5	<2	2.3	<2	860.000	2.0	<.2	15	N	.02	.06
8AB5571A	13	<2	.3	<2	48.000	N	<.2	7	N	N	<.01
8AB5571B	120	5	.5	<2	89.000	N	N	<5	N	N	<.01
8AB5571C	220	2	.6	3	130.000	N	N	<5	N	.02	<.01
8AB5571D	32	<2	.2	<2	18.000	N	<.2	5	N	N	<.01
8AB5572A	7	<2	.2	2	35.000	3.0	<.2	30	N	N	.02

TABLE 7--RESULTS OF ANALYSES, DEEP CREEK RANGE, UTAH--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
8AB5573A	39 54 59	113 50 25	1.00	.02	<.05	.050	1,500	7.0	N	N
8AB5573B	39 54 59	113 50 25	2.00	<.02	<.05	.050	50	30.0	200	20
8AB5573C	39 54 59	113 50 25	5.00	<.02	<.05	.002	20	150.0	300	70
8AB5574A	39 54 58	113 50 30	5.00	.50	<.05	.500	70	<.5	N	N
8AB5575A	39 55 6	113 50 45	1.50	.50	.20	.150	500	N	N	N
8AB5576A	39 55 6	113 50 28	3.00	<.02	<.05	.015	500	20.0	N	50
8AB5577A	39 55 9	113 50 23	.15	<.02	<.05	.005	10	N	N	N
8AB5577B	39 55 9	113 50 23	.15	<.02	<.05	.020	200	N	N	N
8AB5578A	39 55 26	113 50 9	1.00	<.02	<.05	.020	70	50.0	N	50
8AB5578B	39 55 26	113 50 9	5.00	<.02	.05	.010	70	50.0	<200	100
8AB5578C	39 55 26	113 50 9	2.00	.02	<.05	.070	20	30.0	N	N
8AB5578D	39 55 26	113 50 9	.10	<.02	<.05	.030	15	70.0	N	<10
8AB5579A	39 55 17	113 50 22	3.00	2.00	.50	.300	1,500	N	N	N
8AB5580A	39 55 17	113 50 30	2.00	.50	.10	.150	300	N	N	N
8AB5581A	39 55 14	113 50 31	2.00	1.00	.20	.100	300	N	N	N
8AB5582A	39 55 10	113 50 32	2.00	.70	.15	.100	300	N	N	N
8AB5583A	39 55 9	113 50 38	3.00	1.50	.20	.200	500	N	N	N
8AB5590A	39 55 12	113 50 25	5.00	2.00	1.00	.300	1,000	N	N	N
8AB5591A	39 54 37	113 49 35	.50	.02	<.05	.050	10	N	N	N
8AB5591B	39 54 37	113 49 35	.50	.03	<.05	.070	20	N	N	N

TABLE 7--RESULTS OF ANALYSES, DEEP CREEK RANGE, UTAH--Continued

Sample	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s
8AB5573A	20	100	<1.0	N	N	N	<10	150	<50	N	N	<5
8AB5573B	15	50	N	N	N	N	<10	300	N	N	N	<5
8AB5573C	10	50	N	N	N	<10	<10	2,000	N	N	N	<5
8AB5574A	100	300	3.0	N	N	20	100	50	70	N	N	50
8AB5575A	20	1,000	2.0	N	N	<10	15	5	70	N	N	5
8AB5576A	10	20	N	N	N	N	<10	700	N	N	N	<5
8AB5577A	10	20	N	N	N	N	<10	5	N	N	N	5
8AB5577B	10	50	N	N	N	N	<10	5	N	N	N	5
8AB5578A	15	30	N	N	N	N	<10	70	N	N	N	5
8AB5578B	10	20	N	N	N	N	<10	200	N	N	N	<5
8AB5578C	20	50	N	N	N	N	<10	100	N	N	N	<5
8AB5578D	10	20	N	N	N	N	<10	30	N	N	N	<5
8AB5579A	10	1,000	1.5	N	N	10	<10	<5	50	N	N	5
8AB5580A	15	500	2.0	N	N	<10	<10	<5	<50	N	N	5
8AB5581A	10	1,000	1.0	N	N	15	15	<5	<50	N	N	5
8AB5582A	10	500	1.0	N	N	10	10	<5	<50	N	N	7
8AB5583A	10	1,000	1.0	N	N	15	15	<5	50	N	N	7
8AB5590A	10	1,000	N	N	N	<10	<10	5	N	N	N	<5
8AB5591A	20	50	N	N	N	<10	<10	<5	N	N	N	<5
8AB5591B	20	50	N	N	N	<10	<10	<5	<50	N	N	5

TABLE 7--RESULTS OF ANALYSES, DEEP CREEK RANGE, UTAH--Continued

Sample	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa
8AB5573A	2,000	N	N	N	N	10	N	N	200	20	N	9.00
8AB5573B	2,000	300	N	N	N	<10	N	30	500	70	N	40.00
8AB5573C	500	N	N	N	N	10	N	10	500	<10	N	51.00
8AB5574A	100	N	10	N	N	100	N	N	<200	150	N	.10
8AB5575A	30	N	<5	N	200	50	N	N	N	100	N	<.05
8AB5576A	1,000	<100	N	N	N	<10	N	N	<200	<10	N	31.00
8AB5577A	10	N	N	N	N	10	N	N	<200	<10	N	<.05
8AB5577B	10	N	N	N	N	10	N	N	N	150	N	<.05
8AB5578A	5,000	<100	N	N	N	10	N	N	N	30	N	13.00
8AB5578B	7,000	<100	N	N	N	15	N	N	N	N	N	13.00
8AB5578C	3,000	100	N	N	N	15	N	N	N	200	N	3.70
8AB5578D	7,000	<100	N	N	N	10	N	N	N	30	N	13.00
8AB5579A	30	N	7	N	<100	100	N	20	N	150	N	<.05
8AB5580A	200	N	N	N	<100	20	N	<10	N	70	N	.60
8AB5581A	200	N	N	N	300	20	N	10	N	70	N	<.05
8AB5582A	30	N	N	N	100	20	N	<10	N	50	N	<.05
8AB5583A	50	N	N	N	200	30	N	10	N	70	N	<.05
8AB5590A	200	N	7	N	200	100	N	20	N	200	N	<.05
8AB5591A	<10	N	N	N	N	10	N	N	N	150	N	<.05
8AB5591B	<10	N	N	N	N	10	N	N	N	20	N	<.05

TABLE 7--RESULTS OF ANALYSES, DEEP CREEK RANGE, UTAH--Continued

Sample	AS-PPM ICP	BI-PPM ICP	CD-PPM ICP	SB-PPM ICP	ZN-PPM ICP	Na-pct. s	P-pct. s	Ga-ppm s	Ge-ppm s	HG-PPM CV	F% ISE
8AB5573A	58	<2	1.3	10	180.000	N	N	<5	N	.10	<.01
8AB5573B	540	<2	6.0	190	500.000	N	<.2	<5	N	.40	<.01
8AB5573C	350	<2	3.0	21	520.000	N	N	5	N	.0	<.01
8AB5574A	20	<2	.1	6	14.000	.5	<.2	30	N	N	.02
8AB5575A	160	<2	.1	2	39.000	5.0	<.2	20	N	N	.02
8AB5576A	150	<2	1.3	40	230.000	N	N	<5	N	.20	<.01
8AB5577A	<5	<2	<.1	<2	<2.000	N	<.2	N	N	N	<.01
8AB5577B	<5	<2	<.1	<2	<2.000	N	<.2	<5	N	N	<.01
8AB5578A	42	<2	1.8	39	120.000	N	N	<5	N	1.20	<.01
8AB5578B	240	<2	.6	37	100.000	N	.2	5	N	.0	<.01
8AB5578C	47	<2	.5	130	44.000	N	<.2	<5	N	1.40	<.01
8AB5578D	21	<2	1.1	21	67.000	N	.2	<5	N	1.00	<.01
8AB5579A	<5	<2	.3	<2	69.000	3.0	<.2	20	N	N	.02
8AB5580A	<5	<2	.1	14	40.000	3.0	.2	20	N	.02	.02
8AB5581A	<5	<2	<.1	5	41.000	3.0	.2	20	N	<.02	.01
8AB5582A	<5	<2	.1	<2	35.000	2.0	.2	20	N	.02	.01
8AB5583A	<5	<2	.1	<2	39.000	3.0	<.2	30	N	<.02	<.01
8AB5590A	<5	<2	.3	6	66.000	3.0	<.2	30	N	<.20	.01
8AB5591A	12	<2	<.1	<2	2.000	N	<.2	N	N	<.02	<.01
8AB5591B	<5	<2	<.1	<2	2.000	N	<.2	<5	N	<.02	<.01

TABLE 8--RESULTS OF ANALYSES, DESERT MOUNTAIN AREA, UTAH

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

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s
6CL5125A	39 43 58	112 35 1	5.00	1.00	3.00	.200	3,000	N	N	N
6CL5125B	39 43 58	112 35 1	.70	.15	.15	.200	500	<.5	N	N
6CL5125C	39 43 58	112 35 1	.70	.02	.05	.005	200	100.0	N	N
6CL5126	39 44 10	112 34 58	15.00	.20	1.00	.200	150	3.0	N	N
6CL5127	39 44 1	112 35 1	10.00	2.00	5.00	.700	1,000	N	N	N
6BL5128	39 47 44	112 36 30	.20	>10.00	20.00	.015	100	N	N	N
6BK5129A	39 45 31	112 37 53	2.00	.30	1.00	.200	500	N	N	N
6BK5129B	39 45 31	112 37 53	1.50	.10	.20	.020	150	5.0	N	N
6BK5130A	39 45 30	112 37 58	10.00	<.02	<.05	.007	30	10.0	N	N
6BK5130B	39 45 30	112 37 58	7.00	.05	1.00	.010	5,000	5.0	N	N
6BK5131	39 45 16	112 38 46	2.00	<.02	<.05	.002	500	10.0	N	N
6BK5132	39 47 0	112 38 26	5.00	.20	<.05	.070	150	N	N	N
7BK5442A	39 45 18	112 38 45	15.00	.20	.20	.200	200	3.0	N	N
7BK5442B	39 45 18	112 38 45	2.00	.50	1.00	.200	500	.5	N	N
7BK5442C	39 45 18	112 38 45	20.00	.10	.10	.050	1,000	5.0	N	N
7BK5442D	39 45 18	112 38 45	7.00	.10	2.00	.007	300	20.0	N	N
7BK5442E	39 45 18	112 38 45	7.00	2.00	10.00	1.000	2,000	N	N	N
7BK5443	39 45 17	112 38 31	2.00	1.00	10.00	.500	2,000	N	N	N
8BL5735A	39 45 49	112 35 50	1.00	.50	.10	.150	70	N	N	N
8BL5735B	39 45 49	112 35 50	1.00	.50	.15	.100	100	N	N	N
8BL5735C	39 45 49	112 35 50	2.00	.10	.05	.150	30	N	N	N
9BL5800A	39 49 1	112 32 34	3.00	.20	.10	.200	50	N	N	N
9BL5800B	39 49 1	112 32 34	1.00	.30	10.00	.300	70	N	N	N
9BL5800C	39 49 1	112 32 34	3.00	.20	.20	.150	20	N	N	N
9BL5801A	39 48 54	112 32 44	.70	.20	.30	.100	50	N	N	N
9BL5802A	39 48 54	112 32 50	.50	.10	.10	.050	200	2.0	N	N
9BL5802B	39 48 54	112 32 50	1.00	.20	.07	.200	100	.5	N	N
9BL5803A	39 48 57	112 32 34	5.00	.50	.07	.500	100	N	N	N
9BL5803B	39 48 57	112 32 34	7.00	.30	.07	.150	200	<.5	N	N
9BL5803C	39 48 57	112 32 34	.70	.07	.07	.150	50	<.5	N	N
9BL5803D	39 48 57	112 32 34	5.00	.10	.10	.150	100	N	N	N
9BL5804A	39 48 18	112 31 39	2.00	.10	1.00	.300	150	N	N	N
9BL5804B	39 48 18	112 31 39	5.00	.20	1.00	.200	20	N	N	N
9BL5804C	39 48 18	112 31 39	.03	<.02	.30	.200	100	N	N	N
9BL5805A	39 48 23	112 31 51	.05	<.02	.10	.500	70	N	N	N
9BL5806A	39 50 3	112 32 36	10.00	.30	.05	.500	20	5.0	N	N
9BL5806B	39 50 3	112 32 36	20.00	.10	.05	.150	<10	N	N	N
9BL5807A	30 50 4	112 32 34	7.00	.20	.50	.200	10	.7	N	N
9BL5807B	39 50 4	112 32 34	2.00	.02	.05	.100	15	N	N	N
9BL5808A	39 50 9	112 32 30	>20.00	.50	.15	.150	300	<.5	N	N
9BL5809A	39 49 57	112 32 41	5.00	.10	<.05	.100	20	10.0	N	N
9BL5809B	39 49 57	112 32 41	1.00	.03	<.05	.070	15	1.0	N	N
9BL5810A	39 49 51	112 32 31	3.00	.10	.07	.150	20	3.0	200	N
9BL5811A	39 49 49	112 32 30	1.00	.10	.07	.200	100	N	N	N
9BL5812A	39 48 38	112 32 19	.07	.05	.10	.150	70	N	N	N

TABLE 8--RESULTS OF ANALYSES, DESERT MOUNTAIN AREA, UTAH--Continued

Sample	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s
6CL5125A	10	1,000	2	N	N	<5	<10	<5	20	N	N	5
6CL5125B	20	300	<1	N	N	<5	N	20	30	N	N	5
6CL5125C	30	500	<1	100	N	5	<10	1,000	N	200	N	5
6CL5126	50	700	<1	20	N	7	15	50	<20	2,000	N	5
6CL5127	20	2,000	1	N	N	20	30	30	100	10	N	50
6BL5128	<10	<20	N	N	N	N	<10	<5	N	N	N	<5
6BK5129A	15	1,000	2	N	N	<5	<10	<5	30	N	N	5
6BK5129B	20	500	1	15	N	<5	N	200	150	10	N	5
6BK5130A	15	300	N	200	N	10	N	20,000	N	20	N	5
6BK5130B	20	2,000	1	100	N	15	N	5,000	N	20	N	5
6BK5131	15	1,000	N	100	N	10	N	20,000	50	<5	N	5
6BK5132	20	200	2	50	N	5	N	150	N	<5	N	5
7BK5442A	50	5,000	1	20	N	50	<10	5,000	150	10	30	10
7BK5442B	15	5,000	5	<10	N	<5	<10	5,000	50	N	N	5
7BK5442C	200	>5,000	2	200	N	20	N	10,000	20	10	N	20
7BK5442D	50	>5,000	1	30	N	10	<10	>20,000	N	10	N	10
7BK5442E	20	5,000	3	N	N	15	30	200	70	N	20	10
7BK5443	10	5,000	10	N	N	5	<10	20	70	N	30	5
8BL5735A	10	1,000	3	N	N	N	50	<5	N	30	N	<5
8BL5735B	<10	300	1	N	N	N	10	<5	<50	N	N	<5
8BL5735C	<10	700	N	N	N	N	30	7	50	7	N	<5
9BL5800A	20	700	1	N	N	<10	70	20	50	N	<20	5
9BL5800B	50	200	<1	N	N	N	100	15	50	N	N	5
9BL5800C	1,000	300	N	N	N	N	30	5	<50	N	<20	<5
9BL5801A	30	500	1	N	N	<10	N	<5	<50	N	N	<5
9BL5802A	20	1,500	1	N	N	N	<10	10	<50	20	N	5
9BL5802B	20	1,500	2	N	N	<10	<10	10	50	5	N	<5
9BL5803A	30	300	<1	N	N	<10	20	70	50	N	N	10
9BL5803B	30	500	2	N	N	<10	50	100	<50	N	N	15
9BL5803C	20	1,000	2	N	N	N	20	30	<50	N	N	5
9BL5803D	20	200	2	N	N	<10	30	50	<50	N	N	5
9BL5804A	20	1,000	N	N	N	<10	10	20	N	N	<20	<5
9BL5804B	20	700	N	N	N	N	15	100	50	N	N	<5
9BL5804C	15	300	N	N	N	N	N	<5	N	N	N	<5
9BL5805A	10	2,000	<1	N	N	N	<10	<5	N	N	N	<5
9BL5806A	10	300	N	N	N	15	150	70	1,000	30	N	20
9BL5806B	<10	500	N	N	N	<10	50	150	100	15	20	7
9BL5807A	30	150	1	N	N	20	50	150	<50	20	N	30
9BL5807B	10	200	N	N	N	<10	N	50	N	15	N	7
9BL5808A	10	300	5	N	N	70	100	100	N	N	30	200
9BL5809A	100	>5,000	N	N	N	10	50	100	N	100	N	20
9BL5809B	700	>5,000	N	N	N	N	<10	20	<50	50	N	<5
9BL5810A	10	1,000	<1	N	N	N	30	50	50	10	20	N
9BL5811A	15	200	<1	N	N	N	50	7	<50	N	N	<5
9BL5812A	15	1,000	N	N	N	N	N	<5	<50	N	N	N

TABLE 8--RESULTS OF ANALYSES, DESERT MOUNTAIN AREA, UTAH--Continued

Sample	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa
6CL5125A	50	N	<5	N	500	50	N	15	N	200	N	N
6CL5125B	70	N	N	N	<100	10	N	N	N	50	N	N
6CL5125C	2,000	N	N	N	N	10	N	N	3,000	N	N	.400
6CL5126	300	N	20	N	N	300	N	10	<200	150	N	N
6CL5127	20	N	20	N	1,000	200	N	30	<200	200	N	N
6BL5128	10	N	N	N	N	<10	N	N	<200	<10	N	N
6BK5129A	70	N	<5	N	300	30	N	10	N	100	N	N
6BK5129B	100	N	N	N	N	10	N	15	N	<10	N	N
6BK5130A	100	N	N	N	N	15	N	N	200	N	N	.050
6BK5130B	300	N	N	N	100	10	N	<10	500	<10	N	.050
6BK5131	500	N	N	N	N	<10	N	20	300	N	N	<.050
6BK5132	20	N	N	N	N	50	N	<10	<200	70	N	N
7BK5442A	70	N	7	N	300	150	100	10	<200	200	N	N
7BK5442B	100	N	5	N	1,000	30	N	15	N	200	N	N
7BK5442C	1,000	N	N	N	200	100	100	30	200	N	N	N
7BK5442D	500	N	<5	N	>5,000	30	N	10	200	20	N	N
7BK5442E	50	N	20	N	1,000	200	N	50	<200	200	N	N
7BK5443	100	N	7	N	2,000	50	N	20	<200	300	N	N
8BL5735A	<10	N	N	15	N	70	N	10	N	70	N	<.050
8BL5735B	20	N	N	N	N	20	N	N	N	50	N	<.050
8BL5735C	<10	N	N	N	N	50	<20	N	N	70	N	<.050
9BL5800A	20	N	5	N	N	150	N	15	N	200	N	.004
9BL5800B	30	N	7	N	200	150	N	10	N	100	N	<.002
9BL5800C	<10	N	N	N	N	100	N	<10	N	200	N	N
9BL5801A	50	N	N	N	N	20	N	<10	N	50	N	N
9BL5802A	10	N	N	N	<100	15	N	N	N	30	N	.400
9BL5802B	30	N	5	N	N	100	N	10	N	200	N	.002
9BL5803A	20	N	7	N	N	200	N	10	N	150	N	.008
9BL5803B	30	N	5	N	N	200	N	<10	N	100	N	.020
9BL5803C	<10	200	N	N	N	20	N	N	N	100	N	<.002
9BL5803D	10	N	<5	N	<100	150	N	<10	N	150	N	.008
9BL5804A	<10	N	N	N	N	100	N	N	N	150	N	N
9BL5804B	10	N	5	N	300	150	N	10	N	150	N	N
9BL5804C	N	N	N	N	N	10	N	N	N	150	N	N
9BL5805A	N	N	N	N	N	10	N	N	N	200	N	N
9BL5806A	7,000	N	<5	N	150	200	N	500	N	100	N	.010
9BL5806B	700	N	5	N	200	70	N	50	500	200	N	.008
9BL5807A	5,000	N	7	N	N	200	N	30	2,000	150	N	.020
9BL5807B	500	N	N	N	N	15	N	N	200	200	N	.006
9BL5808A	300	N	20	N	N	200	N	30	5,000	200	N	.016
9BL5809A	100	N	N	N	300	50	N	N	1,500	150	N	.030
9BL5809B	500	N	N	N	500	10	N	N	<200	150	N	.010
9BL5810A	500	N	7	N	N	70	N	20	N	200	N	.006
9BL5811A	50	N	5	N	N	70	N	10	N	200	N	<.002
9BL5812A	20	N	N	N	200	15	N	N	N	150	N	N

TABLE 8--RESULTS OF ANALYSES, DESERT MOUNTAIN AREA, UTAH--Continued

Sample	AS-PPM ICP	BI-PPM ICP	CD-PPM ICP	SB-PPM ICP	ZN-PPM ICP	Na-pct. s	P-pct. s	Ga-ppm s	Ge-ppm s	HG-PPM CV	F% ISE
6CL5125A	N	N	N	N	40	--	--	--	--	--	--
6CL5125B	N	1.000	N	N	<10	--	--	--	--	--	--
6CL5125C	N	150.000	5.8	N	>2,000	--	--	--	--	--	--
6CL5126	20	18.000	1.3	N	10	--	--	--	--	--	--
6CL5127	N	1.000	N	N	60	--	--	--	--	--	--
6BL5128	N	N	N	N	N	--	--	--	--	--	--
6BK5129A	<10	N	N	N	40	--	--	--	--	--	--
6BK5129B	10	26.000	N	N	30	--	--	--	--	--	--
6BK5130A	10	780.000	.2	<2	180	--	--	--	--	--	--
6BK5130B	16	320.000	4.0	<2	440	--	--	--	--	--	--
6BK5131	14	300.000	2.0	<2	400	--	--	--	--	--	--
6BK5132	5	67.000	.2	<2	11	--	--	--	--	--	--
7BK5442A	10	13.000	N	N	15	--	--	--	--	--	--
7BK5442B	N	1.000	N	N	30	--	--	--	--	--	--
7BK5442C	10	>1,000.000	.4	N	130	--	--	--	--	--	--
7BK5442D	N	65.000	.3	N	160	--	--	--	--	--	--
7BK5442E	N	2.000	.2	N	65	--	--	--	--	--	--
7BK5443	N	2.000	N	N	30	--	--	--	--	--	--
8BL5735A	10	<2.000	<.1	<2	<2	.2	<.2	20	N	N	.03
8BL5735B	6	<2.000	.2	<2	11	3.0	.2	15	N	N	.01
8BL5735C	<5	<2.000	.1	<2	3	1.5	<.2	15	N	N	<.01
9BL5800A	26	<2.000	.1	<2	14	<.2	<.2	20	N	.02	.02
9BL5800B	8	<2.000	.1	<2	4	N	<.2	20	N	.02	.06
9BL5800C	9	<2.000	.2	<2	<2	<.2	<.2	<5	N	N	<.01
9BL5801A	22	<2.000	<.1	<2	17	.3	<.2	20	N	.02	.03
9BL5802A	42	<2.000	<.1	2	4	N	<.2	<5	N	.02	.02
9BL5802B	35	<2.000	.2	4	8	N	.2	15	N	.02	.04
9BL5803A	85	<2.000	.4	4	11	.2	N	30	N	.02	.08
9BL5803B	111	<2.000	.9	7	48	.2	N	20	N	.04	.08
9BL5803C	17	<2.000	.2	2	17	N	<.2	<5	N	.04	.02
9BL5803D	152	<2.000	.5	5	15	N	<.2	10	N	.04	.03
9BL5804A	63	<2.000	.3	6	<2	N	<.2	<5	N	1.10	.01
9BL5804B	20	<2.000	.5	4	<2	N	.2	10	N	.38	.04
9BL5804C	<5	<2.000	<.1	<2	<2	N	<.2	N	N	N	<.01
9BL5805A	<5	<2.000	<.1	16	<2	N	<.2	N	N	.02	<.01
9BL5806A	84	8.000	1.7	10	70	3.0	.2	10	N	.04	.02
9BL5806B	76	9.000	3.3	11	643	<.2	<.2	7	N	.04	.04
9BL5807A	222	7.000	2.8	10	1,010	<.2	<.2	5	N	.10	.05
9BL5807B	62	2.000	2.4	9	260	N	<.2	N	N	.04	.01
9BL5808A	169	5.000	9.5	5	2,580	.2	.0	10	N	.02	.05
9BL5809A	64	30.000	3.3	13	1,590	N	N	<5	N	.20	.01
9BL5809B	52	<2.000	.9	4	181	N	<.2	N	N	.08	<.01
9BL5810A	278	<2.000	.2	4	14	N	.2	15	N	.08	.02
9BL5811A	12	<2.000	<.1	<2	<2	N	.2	10	N	.06	.02
9BL5812A	6	<2.000	<.1	<2	<2	<.2	<.2	10	N	N	.01

TABLE 9A--RESULTS OF ANALYSES, DETROIT MINING DISTRICT, UTAH

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

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s
7DH5210A	39 31 36	113 0 32	20.00	1.00	.50	.200	100	N	N	N
7DH5210B	39 31 36	113 0 32	10.00	.70	5.00	.200	1,000	N	N	N
7DH5210C	39 31 36	113 0 32	10.00	.70	.70	.500	5,000	<.5	<200	20
7DH5210D	39 31 36	113 0 32	2.00	1.00	20.00	.150	2,000	<.5	N	N
7DH5210E	39 31 36	113 0 32	.50	.05	.05	1.000	100	N	N	N
7DH5210F	39 31 36	113 0 32	.50	.70	>20.00	.002	1,000	N	N	N
7DH5210G	39 31 36	113 0 32	10.00	.50	.70	.700	700	N	N	N
7DH5210H	39 31 36	113 0 32	5.00	.02	.05	.300	20	N	N	N
7DH5210I	39 31 36	113 0 32	20.00	.10	.05	.700	100	N	N	30
7DH5210J	39 31 36	113 0 32	2.00	2.00	>20.00	.150	2,000	N	N	N
7DH5211A	39 31 33	113 0 28	2.00	.05	.50	.200	1,000	1.0	N	N
7DH5211B	39 31 33	113 0 28	10.00	.10	.05	.100	1,000	1.0	5,000	N
7DH5212B	39 31 39	113 0 25	2.00	.02	.20	.200	70	N	N	N
7DH5212C	39 31 39	113 0 25	5.00	.05	.10	.200	70	.5	N	N
7DH5212D	39 31 39	113 0 25	10.00	.05	.10	.200	50	<.5	<200	N
7DH5212E	39 31 39	113 0 25	15.00	.02	.05	.300	20	<.5	200	N
7DH5212F	39 31 39	113 0 25	10.00	.20	5.00	.500	>5,000	N	<200	N
7DH5213	39 32 55	113 0 42	10.00	.70	.30	.500	50	<.5	N	N
7DH5214A	39 32 58	113 0 41	15.00	.20	.10	.500	50	.5	N	N
7DH5214B	39 32 58	113 0 41	1.00	.50	.50	.700	70	1.0	N	N
7DH5214C	39 32 58	113 0 41	15.00	.50	.30	.500	700	.5	N	N
7DH5271A	39 33 33	113 2 1	>20.00	.50	.10	.050	70	15.0	700	N
7DH5271B	39 33 33	113 2 1	.15	.70	10.00	.200	500	5.0	N	N
7DH5272A	39 33 40	113 2 3	10.00	.50	5.00	.050	200	100.0	2,000	N
7DH5272B	39 33 40	113 2 3	15.00	.10	.20	.050	500	10.0	5,000	N
7DH5272C	39 33 40	113 2 3	1.50	>10.00	7.00	.002	700	.5	N	N
7DH5273A	39 33 31	113 1 52	15.00	3.00	.15	.200	100	5.0	N	N
7DH5273B	39 33 31	113 1 52	10.00	.05	.10	.100	50	50.0	N	10
7DH5273C	39 33 31	113 1 52	1.00	5.00	20.00	.070	200	<.5	N	N
7DH5273D	39 33 31	113 1 52	20.00	.05	.05	.300	20	100.0	3,000	N
7DH5274A	39 33 33	113 1 35	1.00	.20	1.00	.200	300	N	N	N
7DH5274B	39 33 33	113 1 35	10.00	1.00	.50	.500	200	N	N	N
7DH5275A	39 33 31	113 1 26	2.00	.10	.20	.100	>5,000	N	N	N
7DH5275B	39 33 31	113 1 26	15.00	.50	.50	.500	30	N	N	N
7DH5276A	39 33 13	113 2 3	15.00	.20	.20	.100	100	50.0	7,000	N
7DH5276B	39 33 13	113 2 3	10.00	3.00	1.50	.700	700	<.5	N	N
7DH5277A	39 33 10	113 1 58	15.00	.10	.05	.200	70	1.0	300	N
7DH5277B	39 33 10	113 1 58	20.00	1.00	.50	.150	20	5.0	1,000	N
7DH5277C	39 33 10	113 1 58	5.00	.20	.30	.050	5,000	2.0	N	N
7DH5278	39 33 7	113 1 37	10.00	3.00	3.00	1.000	1,000	N	N	N
7DH5279A	39 32 19	113 1 24	15.00	.50	10.00	.050	500	50.0	1,500	N
7DH5279B	39 32 19	113 1 24	15.00	.20	5.00	.050	200	10.0	7,000	N
7DH5279C	39 32 19	113 1 24	.50	2.00	20.00	.020	500	5.0	N	N
7DH5280A	39 32 39	113 1 42	5.00	.10	.20	.200	50	5.0	N	N
7DH5280B	39 32 39	113 1 42	5.00	3.00	>20.00	.200	700	N	N	N

TABLE 9A--RESULTS OF ANALYSES, DETROIT MINING DISTRICT, UTAH--Continued

Sample	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s
7DH5210A	20	300	<1.0	50	N	50	100	300	70	15	N
7DH5210B	30	500	2.0	N	N	50	30	50	<20	5	N
7DH5210C	50	1,000	1.0	100	N	200	150	200	20	20	<20
7DH5210D	<10	200	<1.0	N	N	10	100	5	20	10	N
7DH5210E	15	500	N	N	N	<5	50	5	50	10	<20
7DH5210F	N	<20	N	N	N	N	<10	<5	N	5	N
7DH5210G	50	700	<1.0	70	N	150	150	200	30	15	20
7DH5210H	15	70	<1.0	N	N	<5	100	5	20	N	<20
7DH5210I	20	100	<1.0	20	N	<5	1,000	50	30	N	50
7DH5210J	<10	50	N	N	N	15	70	10	20	N	N
7DH5211A	10	300	<1.0	<10	N	30	15	100	<20	10	N
7DH5211B	20	200	2.0	100	N	100	50	500	50	50	N
7DH5212B	15	200	N	N	N	N	15	150	N	10	N
7DH5212C	10	300	<1.0	N	N	N	<10	200	N	5	N
7DH5212D	15	100	N	N	N	<5	50	30	<20	20	N
7DH5212E	20	500	N	N	N	<5	70	50	50	20	N
7DH5212F	10	2,000	2.0	N	N	100	70	150	50	20	<20
7DH5213	30	700	<1.0	N	N	<5	100	20	50	<5	<20
7DH5214A	30	700	<1.0	N	N	<5	200	200	70	N	N
7DH5214B	30	5,000	N	20	N	10	100	20	50	10	<20
7DH5214C	30	700	<1.0	20	N	<5	70	200	50	50	<20
7DH5271A	100	100	N	N	N	5	20	20	N	30	N
7DH5271B	N	<20	N	N	N	N	<10	70	N	N	N
7DH5272A	20	200	<1.0	500	N	50	10	>20,000	N	20	N
7DH5272B	20	200	N	50	N	<5	<10	2,000	N	5	N
7DH5272C	N	<20	N	N	N	N	N	50	N	N	N
7DH5273A	30	50	1.0	30	N	50	70	>20,000	N	50	N
7DH5273B	20	100	1.0	70	N	15	<10	2,000	N	10	N
7DH5273C	<10	70	N	N	N	N	50	10	N	N	N
7DH5273D	30	100	<1.0	200	N	50	30	10,000	N	70	<20
7DH5274A	10	500	N	N	N	5	<10	10	N	N	N
7DH5274B	50	300	2.0	N	N	20	150	30	100	N	N
7DH5275A	10	50	<1.0	N	N	5	10	20	N	N	N
7DH5275B	10	2,000	N	N	N	50	100	200	100	N	N
7DH5276A	20	100	3.0	<10	N	7	10	20,000	N	N	N
7DH5276B	<10	5,000	<1.0	N	N	30	70	50	50	<5	N
7DH5277A	50	70	N	N	N	5	<10	2,000	N	<5	N
7DH5277B	50	200	N	N	N	5	10	2,000	N	<5	N
7DH5277C	30	500	2.0	30	N	150	<10	>20,000	N	N	N
7DH5278	<10	1,000	<1.0	N	N	20	50	70	50	<5	N
7DH5279A	20	30	N	50	N	50	10	20,000	N	15	N
7DH5279B	50	50	N	100	N	30	20	5,000	N	20	N
7DH5279C	N	<20	N	50	N	N	<10	200	N	N	N
7DH5280A	10	70	<1.0	20	N	20	20	1,000	N	10	N
7DH5280B	50	200	<1.0	N	N	15	150	30	50	N	N

TABLE 9A--RESULTS OF ANALYSES, DETROIT MINING DISTRICT, UTAH--Continued

Sample	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
7DH5210A	100	1,000	N	20	N	1,500	150	N	50	200	100	N
7DH5210B	100	150	N	10	N	N	100	N	50	200	200	N
7DH5210C	500	2,000	200	20	N	1,000	150	N	50	300	200	N
7DH5210D	20	100	N	10	N	500	50	N	100	N	100	N
7DH5210E	<5	200	N	5	N	700	200	N	N	<200	300	N
7DH5210F	<5	N	N	N	N	700	10	N	<10	N	10	N
7DH5210G	100	700	N	15	50	700	200	N	50	<200	200	N
7DH5210H	5	100	N	5	N	500	100	N	<10	<200	100	N
7DH5210I	N	2,000	N	10	100	1,000	200	N	10	200	500	N
7DH5210J	20	200	N	5	N	700	30	N	50	<200	50	N
7DH5211A	50	<10	100	N	N	<100	50	N	50	<200	150	N
7DH5211B	100	200	200	5	N	N	500	N	150	200	100	N
7DH5212B	5	20	<100	N	N	N	20	N	N	<200	200	N
7DH5212C	<5	100	N	5	N	N	50	N	10	<200	500	N
7DH5212D	10	100	100	5	N	500	100	N	<10	<200	300	N
7DH5212E	<5	300	100	7	N	700	200	N	10	200	300	N
7DH5212F	150	500	<100	20	N	100	100	N	70	500	1,000	N
7DH5213	10	50	N	15	N	1,000	200	N	20	<200	500	N
7DH5214A	20	500	N	15	N	700	200	N	20	<200	200	N
7DH5214B	100	7,000	N	15	N	500	100	N	<10	<200	200	N
7DH5214C	10	500	N	20	N	<100	200	N	50	<200	200	N
7DH5271A	50	30	N	<5	N	N	100	N	<10	500	10	N
7DH5271B	5	50	N	N	10	200	10	N	20	N	N	N
7DH5272A	200	2,000	200	10	200	N	50	N	100	1,000	20	N
7DH5272B	10	1,000	100	5	50	100	70	N	30	1,000	50	N
7DH5272C	5	50	N	N	N	N	10	N	10	<200	N	N
7DH5273A	200	300	N	10	N	N	100	N	100	500	50	N
7DH5273B	50	50	<100	N	50	N	100	N	10	200	50	N
7DH5273C	5	20	N	<5	N	1,000	20	N	<10	N	20	N
7DH5273D	100	100	2,000	<5	100	N	70	N	30	200	300	N
7DH5274A	5	10	N	<5	N	N	30	N	10	<200	100	N
7DH5274B	70	50	N	20	N	N	100	N	30	<200	70	N
7DH5275A	10	<10	N	N	N	N	30	N	<10	<200	300	N
7DH5275B	50	300	N	15	N	1,000	150	N	50	<200	500	N
7DH5276A	5	200	3,000	<5	1,000	N	50	50	20	<200	70	N
7DH5276B	15	200	N	20	10	500	200	N	50	<200	200	N
7DH5277A	7	100	N	<5	N	N	20	N	10	200	100	N
7DH5277B	10	100	100	5	N	N	100	N	10	300	70	N
7DH5277C	30	300	300	10	30	N	70	N	100	<200	<10	N
7DH5278	10	20	N	50	N	1,000	300	N	50	<200	200	N
7DH5279A	70	200	200	<5	100	150	30	N	30	<200	30	N
7DH5279B	50	200	500	N	70	500	100	N	<10	200	20	N
7DH5279C	<5	50	N	N	20	500	20	N	<10	N	10	N
7DH5280A	50	50	200	N	20	N	100	N	N	<200	100	N
7DH5280B	50	50	N	20	N	1,000	100	N	20	<200	70	N

TABLE 9A--RESULTS OF ANALYSES, DETROIT MINING DISTRICT, UTAH--Continued

Sample	Au-ppm aa	AS-PPM ICP	BI-PPM ICP	CD-PPM ICP	SB-PPM ICP	ZN-PPM ICP	Na-pct. s	P-pct. s	Ga-ppm s	Ge-ppm s	HG-PPM CV	F% ISE
7DH5210A	.95	110	30	.1	32	30	--	--	--	--	--	--
7DH5210B	.15	80	3	.2	20	220	--	--	--	--	--	--
7DH5210C	17.00	300	34	1.1	150	260	--	--	--	--	--	--
7DH5210D	.10	10	N	.3	<2	35	--	--	--	--	--	--
7DH5210E	.15	10	<1	N	4	N	--	--	--	--	--	--
7DH5210F	N	20	1	.1	4	N	--	--	--	--	--	--
7DH5210G	3.80	120	23	.1	10	50	--	--	--	--	--	--
7DH5210H	.80	40	1	N	6	N	--	--	--	--	--	--
7DH5210I	--	200	12	N	8	N	--	--	--	--	--	--
7DH5210J	.05	10	N	.1	<2	150	--	--	--	--	--	--
7DH5211A	N	110	6	.1	46	15	--	--	--	--	--	--
7DH5211B	7.55	1,900	270	.4	120	140	--	--	--	--	--	--
7DH5212B	3.45	30	1	N	4	N	--	--	--	--	--	--
7DH5212C	.75	50	4	N	12	N	--	--	--	--	--	--
7DH5212D	1.05	160	5	N	46	N	--	--	--	--	--	--
7DH5212E	.15	200	3	N	70	N	--	--	--	--	--	--
7DH5212F	.80	300	4	1.5	4	340	--	--	--	--	--	--
7DH5213	N	N	1	.2	N	N	--	--	--	--	--	--
7DH5214A	.15	10	6	.3	N	<5	--	--	--	--	--	--
7DH5214B	.05	10	5	N	<2	N	--	--	--	--	--	--
7DH5214C	N	40	8	.2	N	N	--	--	--	--	--	--
7DH5271A	N	500	N	N	N	50	--	--	--	--	--	--
7DH5271B	.05	10	--	.1	--	5	--	--	--	--	--	--
7DH5272A	2.80	700	180	6.3	58	420	--	--	--	--	--	--
7DH5272B	2.80	1,500	48	1.5	86	1,300	--	--	--	--	--	--
7DH5272C	N	N	1	.3	N	100	--	--	--	--	--	--
7DH5273A	1.20	80	18	1.9	20	30	--	--	--	--	--	--
7DH5273B	6.75	110	120	.5	40	220	--	--	--	--	--	--
7DH5273C	N	N	1	N	N	5	--	--	--	--	--	--
7DH5273D	7.55	1,700	550	.5	>1,000	60	--	--	--	--	--	--
7DH5274A	N	10	N	N	N	10	--	--	--	--	--	--
7DH5274B	N	N	<1	N	N	100	--	--	--	--	--	--
7DH5275A	N	80	1	.3	N	55	--	--	--	--	--	--
7DH5275B	.10	20	2	N	N	N	--	--	--	--	--	--
7DH5276A	1.10	>2,000	16	.8	>1,000	110	--	--	--	--	--	--
7DH5276B	N	N	N	.1	N	65	--	--	--	--	--	--
7DH5277A	N	500	5	.6	58	75	--	--	--	--	--	--
7DH5277B	.15	800	6	.4	90	55	--	--	--	--	--	--
7DH5277C	2.80	40	11	.7	120	10	--	--	--	--	--	--
7DH5278	N	N	N	.1	2	50	--	--	--	--	--	--
7DH5279A	.75	1,500	30	20.0	180	60	--	--	--	--	--	--
7DH5279B	.50	>2,000	73	8.1	240	160	--	--	--	--	--	--
7DH5279C	.05	40	6	.7	6	5	--	--	--	--	--	--
7DH5280A	5.80	100	29	.2	100	70	--	--	--	--	--	--
7DH5280B	N	20	N	.1	2	30	--	--	--	--	--	--

TABLE 9A--RESULTS OF ANALYSES, DETROIT MINING DISTRICT, UTAH--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
7DH5281A	39 32 36	113 2 12	15.00	.10	.20	.150	200	50.0	10,000	N
7DH5282A	39 32 9	113 2 4	15.00	.50	5.00	.020	500	10.0	<200	N
7DH5282B	39 32 9	113 2 4	7.00	.50	5.00	.050	2,000	20.0	N	N
7DH5283A	39 33 36	113 2 18	10.00	.10	.50	.020	200	20.0	5,000	N
7DH5283B	39 33 36	113 2 18	10.00	.07	1.00	.020	300	20.0	10,000	N
7DH5284A	39 33 48	113 2 28	5.00	1.00	.50	.500	100	20.0	N	N
7DH5284B	39 33 48	113 2 28	2.00	.02	.20	.500	50	100.0	5,000	20
7DH5285A	39 33 35	113 2 9	.50	>10.00	20.00	.003	1,000	1.0	N	N
7DH5285B	39 33 35	113 2 9	20.00	.50	3.00	.050	500	10.0	1,500	N
7DH5285C	39 33 35	113 2 9	2.00	.30	20.00	.050	5,000	150.0	700	N
7DH5286	39 33 56	113 2 30	10.00	.30	10.00	.100	1,500	20.0	5,000	N
7DH5287A	39 34 1	113 1 40	5.00	1.00	20.00	.050	>5,000	N	200	N
7DH5287B	39 34 1	113 1 40	2.00	.50	20.00	<.002	>5,000	N	N	N
7DH5288	39 34 6	113 1 54	10.00	.20	.70	.200	>5,000	N	10,000	N
7DH5289A	39 34 14	113 2 4	3.00	.20	.70	.100	>5,000	N	2,000	N
7DH5289B	39 34 14	113 2 4	10.00	.20	.10	.300	200	N	5,000	N
7DH5289C	39 34 14	113 2 4	5.00	.70	.50	.150	>5,000	N	7,000	N
7DH5289D	39 34 14	113 2 4	7.00	.20	.20	.002	>5,000	N	2,000	N
7DH5290A	39 34 14	113 2 4	2.00	.50	15.00	.050	>5,000	N	200	N
7DH5290B	39 34 14	113 2 4	10.00	1.00	3.00	.200	>5,000	N	1,500	N
7DH5291A	39 34 21	113 2 48	2.00	.05	.20	.050	700	10.0	500	N
7DH5291B	39 34 21	113 2 48	2.00	.05	.10	.005	2,000	20.0	500	N
7DH5337A	39 34 20	113 2 47	>20.00	.50	20.00	.002	100	3.0	1,000	N
7DH5337B	39 34 20	113 2 47	10.00	.50	>20.00	.010	20	5.0	<200	N
7DH5337C	39 34 20	113 2 47	20.00	.20	.50	.050	200	30.0	500	N
7DH5337D	39 34 20	113 2 47	15.00	.20	2.00	.050	200	30.0	200	N
7DH5338	39 34 48	113 3 6	1.00	.10	1.00	.500	200	N	N	N
7DH5339A	39 34 51	113 3 10	7.00	2.00	5.00	1.000	1,000	<.5	N	N
7DH5339B	39 34 51	113 3 10	5.00	1.50	2.00	.500	700	N	N	N
7DH5340A	39 34 48	113 3 15	5.00	.20	.50	.700	100	N	N	N
7DH5340B	39 34 48	113 3 15	7.00	.70	1.00	1.000	200	N	N	N
7DH5341	39 34 44	113 3 18	7.00	.50	1.00	1.000	1,000	N	N	N
7DH5342	39 34 41	113 3 15	7.00	.70	3.00	1.000	1,000	N	N	N
7DH5344	39 34 39	113 3 11	5.00	1.00	2.00	.500	700	N	N	N
7DH5345A	39 34 37	113 5 32	7.00	1.50	1.00	1.000	200	N	N	N
7DH5345B	39 34 37	113 5 32	10.00	1.00	.70	.020	>5,000	N	N	N
7DH5345C	39 34 37	113 5 32	15.00	.50	.50	.020	>5,000	N	N	N
7DH5345D	39 34 37	113 5 32	15.00	1.50	2.00	.050	>5,000	N	N	N
7DH5345E	39 34 37	113 5 32	7.00	10.00	>20.00	.020	5,000	N	N	N
7DH5345F	39 34 37	113 5 32	5.00	2.00	2.00	.100	1,000	N	N	N
7DH5346A	39 33 55	113 5 9	7.00	.20	.50	.500	300	N	N	N
7DH5391	39 31 56	113 1 6	5.00	3.00	2.00	.300	1,000	N	N	N
7DH5392A	39 31 39	113 0 25	10.00	<.02	<.05	.100	20	.5	N	N
7DH5392B	39 31 39	113 0 25	3.00	.50	.05	.300	20	N	200	N
7DH5393A	39 31 36	113 0 32	5.00	.20	.10	1.000	100	N	N	N

TABLE 9A--RESULTS OF ANALYSES, DETROIT MINING DISTRICT, UTAH--Continued

Sample	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s
7DH5281A	50	70	N	300	N	15	15	20,000	N	20	N
7DH5282A	20	50	<1.0	100	100	50	<10	1,000	N	15	N
7DH5282B	10	1,000	<1.0	70	200	10	10	200	N	10	N
7DH5283A	10	50	<1.0	10	N	10	<10	20,000	N	15	N
7DH5283B	10	50	<1.0	20	N	10	<10	3,000	N	20	N
7DH5284A	15	100	<1.0	N	N	5	70	1,000	50	10	<20
7DH5284B	10	50	1.0	>1,000	N	<5	10	10,000	N	50	N
7DH5285A	N	20	N	N	N	N	<10	70	N	N	N
7DH5285B	50	100	N	100	N	150	10	3,000	N	20	N
7DH5285C	<10	70	N	70	100	10	20	>20,000	N	20	N
7DH5286	10	50	N	500	20	30	20	5,000	N	10	N
7DH5287A	<10	50	<1.0	N	N	N	10	10	20	10	N
7DH5287B	N	<20	N	N	N	N	N	<5	N	5	N
7DH5288	<10	20	1.0	N	N	50	70	100	70	5	N
7DH5289A	10	50	<1.0	N	N	7	20	7	20	N	N
7DH5289B	50	200	<1.0	N	N	N	50	20	100	N	<20
7DH5289C	<10	500	<1.0	<10	N	N	50	20	70	10	N
7DH5289D	10	<20	N	N	N	10	<10	20	100	N	N
7DH5290A	<10	50	1.0	N	N	N	10	30	100	50	N
7DH5290B	10	500	1.0	N	N	20	100	30	20	<5	N
7DH5291A	<10	200	<1.0	50	N	N	10	500	N	5	N
7DH5291B	15	100	<1.0	100	N	<5	10	700	N	5	N
7DH5337A	700	70	N	100	N	<5	N	5,000	N	N	N
7DH5337B	200	70	N	500	N	N	N	2,000	N	N	N
7DH5337C	500	300	N	1,000	N	10	N	1,500	N	5	N
7DH5337D	300	700	1.0	200	N	N	N	500	N	5	N
7DH5338	20	1,500	<1.0	10	N	N	<10	20	<20	N	N
7DH5339A	50	2,000	1.0	N	N	15	10	15	50	N	N
7DH5339B	20	1,000	3.0	N	N	20	20	20	50	N	N
7DH5340A	70	1,500	N	N	N	N	<10	15	20	5	N
7DH5340B	100	3,000	<1.0	N	N	<5	10	20	30	20	<20
7DH5341	100	1,000	<1.0	N	N	5	10	20	50	<5	<20
7DH5342	100	3,000	<1.0	N	N	10	10	20	50	N	<20
7DH5344	50	1,000	2.0	N	N	20	15	20	20	N	<20
7DH5345A	100	2,000	<1.0	N	N	N	10	50	20	5	N
7DH5345B	200	20	50.0	N	N	200	N	<5	N	5	N
7DH5345C	700	700	150.0	N	N	500	N	10	<20	20	N
7DH5345D	500	500	20.0	N	N	500	N	20	N	50	N
7DH5345E	70	200	10.0	N	N	150	N	10	N	5	N
7DH5345F	100	150	1.0	N	N	10	10	30	N	20	N
7DH5346A	100	1,500	2.0	N	N	10	30	20	<20	20	<20
7DH5391	10	500	3.0	N	N	20	150	20	50	N	N
7DH5392A	50	200	N	<10	N	10	30	200	N	15	N
7DH5392B	100	200	<1.0	<10	N	N	100	30	100	N	<20
7DH5393A	30	50	1.0	N	N	<5	30	15	20	5	20

TABLE 9A--RESULTS OF ANALYSES, DETROIT MINING DISTRICT, UTAH--Continued

Sample	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
7DH5281A	50	200	7,000	N	>1,000	300	100	N	<10	1,000	50	N
7DH5282A	70	5,000	500	5	20	N	200	N	100	5,000	N	N
7DH5282B	30	2,000	200	N	10	N	50	N	70	1,000	<10	N
7DH5283A	20	30	2,000	N	150	N	20	N	<10	<200	<10	N
7DH5283B	10	200	3,000	N	100	N	50	N	20	N	N	N
7DH5284A	30	100	<100	15	70	N	200	N	30	200	200	N
7DH5284B	<5	100	5,000	N	150	N	150	N	<10	N	100	N
7DH5285A	<5	<10	N	N	N	N	<10	N	<10	<200	N	N
7DH5285B	150	500	2,000	10	>1,000	200	200	N	300	1,000	N	N
7DH5285C	30	1,500	7,000	<5	1,000	<100	70	N	100	200	30	N
7DH5286	50	500	3,000	N	>1,000	N	150	N	50	500	50	N
7DH5287A	<5	150	N	5	N	500	50	N	50	<200	200	N
7DH5287B	<5	50	N	N	N	700	50	N	<10	<200	N	N
7DH5288	30	50	N	15	N	N	200	N	50	<200	200	200
7DH5289A	10	<10	N	7	N	200	70	N	70	<200	300	N
7DH5289B	10	70	N	15	20	N	150	N	100	N	1,000	N
7DH5289C	15	70	N	10	N	300	200	N	50	<200	100	N
7DH5289D	<5	300	N	10	N	N	150	N	20	<200	<10	200
7DH5290A	10	50	N	10	N	1,000	200	N	100	1,000	50	N
7DH5290B	50	300	N	20	<10	200	70	N	50	<200	200	N
7DH5291A	5	1,000	500	N	150	N	50	N	20	<200	20	N
7DH5291B	5	500	200	N	70	N	100	N	10	<200	N	N
7DH5337A	15	7,000	N	5	N	N	100	N	20	2,000	50	N
7DH5337B	10	15,000	2,000	5	100	N	50	N	100	500	N	N
7DH5337C	10	2,000	200	5	200	N	300	N	100	1,000	20	N
7DH5337D	10	3,000	700	5	30	N	100	N	100	1,000	10	N
7DH5338	<5	200	N	5	N	2,000	200	N	15	N	200	N
7DH5339A	5	200	N	20	N	2,000	200	N	50	N	200	N
7DH5339B	10	70	N	15	N	1,000	200	N	50	<200	200	N
7DH5340A	<5	70	N	10	N	2,000	200	N	10	<200	200	N
7DH5340B	<5	70	N	30	N	2,000	300	N	30	200	500	N
7DH5341	<5	100	N	20	N	2,000	500	N	30	<200	500	N
7DH5342	N	70	N	30	N	2,000	300	N	50	<200	300	N
7DH5344	15	50	N	20	N	1,000	200	N	30	N	200	N
7DH5345A	5	70	N	20	N	1,000	200	N	70	<200	300	N
7DH5345B	300	50	N	<5	N	N	100	N	100	2,000	N	N
7DH5345C	500	50	N	N	N	N	70	N	500	10,000	<10	N
7DH5345D	500	50	N	5	N	N	150	N	700	3,000	50	N
7DH5345E	100	N	N	N	N	N	50	N	200	700	10	N
7DH5345F	30	20	N	10	N	N	200	N	50	N	100	N
7DH5346A	10	70	N	20	N	500	300	N	10	<200	200	N
7DH5391	30	70	N	10	N	200	150	N	20	<200	200	N
7DH5392A	20	500	500	<5	N	200	100	N	N	<200	100	N
7DH5392B	5	500	N	7	N	500	100	N	20	<200	150	N
7DH5393A	5	1,000	100	10	20	2,000	150	N	<10	<200	150	N

TABLE 9A--RESULTS OF ANALYSES, DETROIT MINING DISTRICT, UTAH--Continued

Sample	Au-ppm aa	AS-PPM ICP	BI-PPM ICP	CD-PPM ICP	SB-PPM ICP	ZN-PPM ICP	Na-pct. s	P-pct. s	Ga-ppm s	Ge-ppm s	HG-PPM CV	F% ISE
7DH5281A	1.45	>2,000	>1,000	6.6	>1,000	230	--	--	--	--	--	--
7DH5282A	.65	300	71	48.0	200	>2,000	--	--	--	--	--	--
7DH5282B	.75	100	60	76.0	170	570	--	--	--	--	--	--
7DH5283A	1.65	>2,000	12	.7	>1,000	25	--	--	--	--	--	--
7DH5283B	.95	>2,000	12	.8	>1,000	35	--	--	--	--	--	--
7DH5284A	.30	90	2	.2	24	220	--	--	--	--	--	--
7DH5284B	15.00	1,400	>1,000	2.7	>1,000	110	--	--	--	--	--	--
7DH5285A	N	N	1	.4	<2	10	--	--	--	--	--	--
7DH5285B	7.05	1,600	190	6.0	>1,000	900	--	--	--	--	--	--
7DH5285C	1.50	1,300	32	73.0	>1,000	390	--	--	--	--	--	--
7DH5286	6.10	>2,000	210	18.0	>1,000	600	--	--	--	--	--	--
7DH5287A	.40	300	N	N	N	5	--	--	--	--	--	--
7DH5287B	N	10	N	N	N	N	--	--	--	--	--	--
7DH5288	<.05	>2,000	N	.2	8	90	--	--	--	--	--	--
7DH5289A	N	1,200	N	N	<2	N	--	--	--	--	--	--
7DH5289B	N	1,500	N	N	N	N	--	--	--	--	--	--
7DH5289C	N	1,600	2	N	6	110	--	--	--	--	--	--
7DH5289D	N	1,900	N	N	8	20	--	--	--	--	--	--
7DH5290A	.10	400	N	.1	4	1,500	--	--	--	--	--	--
7DH5290B	.10	900	N	.1	2	45	--	--	--	--	--	--
7DH5291A	2.15	300	--	1.5	--	100	--	--	--	--	--	--
7DH5291B	1.50	300	90	3.0	150	200	--	--	--	--	--	--
7DH5337A	.10	1,000	360	13.0	50	>2,000	--	--	--	--	--	--
7DH5337B	.10	360	>1,000	10.0	>1,000	1,400	--	--	--	--	--	--
7DH5337C	2.00	650	>1,000	3.2	220	1,200	--	--	--	--	--	--
7DH5337D	1.95	330	260	2.0	420	1,200	--	--	--	--	--	--
7DH5338	<.05	N	N	.1	N	5	--	--	--	--	--	--
7DH5339A	N	<10	N	.2	N	80	--	--	--	--	--	--
7DH5339B	N	10	N	.1	N	70	--	--	--	--	--	--
7DH5340A	<.05	10	N	.1	N	5	--	--	--	--	--	--
7DH5340B	N	10	N	.1	N	5	--	--	--	--	--	--
7DH5341	N	20	N	.1	N	20	--	--	--	--	--	--
7DH5342	N	10	N	.1	N	10	--	--	--	--	--	--
7DH5344	N	N	N	.1	N	40	--	--	--	--	--	--
7DH5345A	<.05	<10	N	.1	N	20	--	--	--	--	--	--
7DH5345B	.15	N	N	3.1	N	>2,000	--	--	--	--	--	--
7DH5345C	N	N	N	37.0	N	>2,000	--	--	--	--	--	--
7DH5345D	.20	20	N	14.0	N	>2,000	--	--	--	--	--	--
7DH5345E	.05	10	N	22.0	N	>2,000	--	--	--	--	--	--
7DH5345F	N	10	N	.2	N	70	--	--	--	--	--	--
7DH5346A	N	10	N	.1	N	15	--	--	--	--	--	--
7DH5391	N	N	N	N	2	55	--	--	--	--	--	--
7DH5392A	.20	200	7	N	460	5	--	--	--	--	--	--
7DH5392B	.90	60	4	N	12	N	--	--	--	--	--	--
7DH5393A	.20	40	N	N	34	N	--	--	--	--	--	--

TABLE 9A--RESULTS OF ANALYSES, DETROIT MINING DISTRICT, UTAH--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
7DH5393B	39 31 36	113 0 32	5.00	.10	.05	.700	500	N	N	10
7DH5393C	39 31 36	113 0 32	.10	.05	.05	.500	500	N	N	N
7DH5393D	39 31 36	113 0 32	.30	.02	.10	.500	70	N	N	N
7DH5393E	39 31 36	113 0 32	.10	.05	.05	.300	100	N	N	N
7DH5393F	39 31 36	113 0 32	5.00	5.00	3.00	1.000	1,500	N	N	N
7DH5393G	39 31 36	113 0 32	5.00	1.00	10.00	.200	1,000	N	N	N
7DH5393H	39 31 36	113 0 32	5.00	1.50	.50	1.000	200	1.0	N	N
7DH5393I	39 31 36	113 0 32	10.00	<.02	.05	.700	10	<.5	N	N
7DH5393J	39 31 36	113 0 32	7.00	<.02	.05	.700	1,500	N	N	N
7DH5393K	39 31 36	113 0 32	1.00	1.50	>20.00	.100	500	N	N	N
7DH5393L	39 31 36	113 0 32	1.00	1.50	>20.00	.150	700	N	N	N
7DH5393M	39 31 36	113 0 32	10.00	2.00	.50	.500	1,000	N	N	N
7DH5393N	39 31 36	113 0 32	7.00	1.00	1.00	1.000	500	N	N	N
7DH5393O	39 31 36	113 0 32	5.00	.20	.20	1.000	20	<.5	N	N
7DH5393P	39 31 36	113 0 32	7.00	1.00	5.00	.500	1,000	<.5	N	N
7DH5393Q	39 31 36	113 0 32	7.00	.50	.20	.200	700	N	N	N
7DH5394A	39 32 38	113 0 51	5.00	3.00	7.00	1.000	1,000	N	N	N
7DH5395A	39 32 35	113 0 34	7.00	.20	1.00	.300	500	N	N	N
7DH5395B	39 32 35	113 0 34	2.00	.20	1.00	.300	100	N	N	N
7DH5420A	39 36 4	113 4 13	15.00	1.00	1.00	.050	1,000	N	N	N
7DH5420B	39 36 4	113 4 13	10.00	3.00	5.00	.030	500	N	N	N
7DH5420C	39 36 4	113 4 13	10.00	.50	.10	.007	200	N	N	N
7DH5420D	39 36 4	113 4 13	5.00	2.00	1.00	.010	500	N	N	N
7DH5420E	39 36 4	113 4 13	15.00	.20	.20	.005	500	N	N	N
7DH5421	39 35 38	113 4 21	10.00	1.50	3.00	.500	200	N	N	N
7DH5422	39 34 41	113 5 23	10.00	3.00	1.00	1.000	500	N	N	N
7DH5423	39 34 52	113 5 13	2.00	1.50	>20.00	.070	1,500	N	N	N
7DH5424A	39 34 39	113 5 18	2.00	.70	>20.00	.100	500	N	N	N
7DH5424B	39 34 39	113 5 18	5.00	2.00	>20.00	.200	1,000	N	N	N
7DH5425	39 34 33	113 5 21	5.00	.50	2.00	1.000	70	.5	N	N
7DH5426A	39 35 57	113 7 1	.50	.10	1.00	.015	1,000	N	N	N
7DH5426B	39 35 57	113 7 1	1.00	.10	1.00	.020	3,000	N	N	N
7DH5430A	39 31 36	113 0 32	10.00	1.50	.20	1.000	150	N	N	N
7DH5430B	39 31 36	113 0 32	15.00	2.00	.30	1.000	>5,000	N	N	10
7DH5430C	39 31 36	113 0 32	1.00	.02	.10	.500	200	N	N	N
7DH5430D	39 31 36	113 0 32	.30	1.50	>20.00	.050	700	N	N	N
7DH5430E	39 31 36	113 0 32	.50	3.00	>20.00	.030	500	N	N	N
7DH5430F	39 31 36	113 0 32	.50	.10	.20	.700	500	N	N	N
7DH5430G	39 31 36	113 0 32	.15	.05	.15	1.000	200	N	N	N
7DH5430H	39 31 36	113 0 32	5.00	1.50	.30	.700	1,000	N	N	N
7DH5430I	39 31 36	113 0 32	5.00	.15	.50	.300	200	N	N	N
7DH5430J	39 31 36	113 0 32	7.00	.20	.50	.300	150	N	N	N
7DH5430K	39 31 36	113 0 32	2.00	.02	.05	.300	50	.5	N	N
7DH5430L	39 31 36	113 0 32	20.00	.02	.05	.500	30	<.5	500	N
7DH5431	39 33 33	113 1 50	.70	.05	1.00	.700	100	200.0	1,500	N

TABLE 9A--RESULTS OF ANALYSES, DETROIT MINING DISTRICT, UTAH--Continued

Sample	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s
7DH5393B	30	200	1.0	N	N	5	20	700	<20	N	20
7DH5393C	<10	100	<1.0	N	N	N	<10	5	N	N	<20
7DH5393D	10	500	<1.0	N	N	N	<10	50	<20	N	N
7DH5393E	<10	100	<1.0	N	N	N	<10	5	N	N	<20
7DH5393F	50	2,000	1.0	N	N	10	20	15	70	N	<20
7DH5393G	50	200	2.0	N	N	10	70	20	20	<5	N
7DH5393H	100	5,000	<1.0	N	N	20	10	20	100	N	<20
7DH5393I	50	700	N	10	N	10	100	70	50	N	20
7DH5393J	30	1,000	N	N	N	10	150	20	50	N	20
7DH5393K	N	50	N	N	N	N	<10	10	N	N	N
7DH5393L	<10	200	N	N	N	N	10	5	N	N	N
7DH5393M	50	300	5.0	N	N	50	100	50	50	N	20
7DH5393N	50	1,000	<1.0	N	N	10	50	20	100	N	20
7DH5393O	20	1,500	N	N	N	N	50	20	70	5	20
7DH5393P	500	700	1.0	50	N	10	20	100	20	20	N
7DH5393Q	100	300	2.0	N	N	20	20	20	N	20	N
7DH5394A	50	5,000	N	N	N	30	10	10	70	N	N
7DH5395A	100	2,000	<1.0	N	N	20	30	15	50	10	N
7DH5395B	30	2,000	<1.0	N	N	N	30	10	N	N	N
7DH5420A	500	100	5.0	N	N	30	10	15	N	N	N
7DH5420B	50	50	<1.0	N	N	20	20	10	N	N	N
7DH5420C	500	30	<1.0	N	N	N	N	15	N	N	N
7DH5420D	100	<20	5.0	N	N	100	<10	15	<20	N	N
7DH5420E	200	50	1.0	N	N	10	<10	10	N	N	N
7DH5421	100	1,000	5.0	N	N	20	150	20	20	N	<20
7DH5422	100	2,000	3.0	N	N	30	100	15	50	10	20
7DH5423	<10	100	N	N	N	N	10	7	N	N	N
7DH5424A	<10	200	<1.0	N	N	10	30	<5	<20	<5	N
7DH5424B	50	700	2.0	N	N	10	50	7	20	5	<20
7DH5425	50	1,000	<1.0	N	N	<5	20	10	50	20	20
7DH5426A	20	100	2.0	N	N	5	10	5	N	N	N
7DH5426B	20	200	2.0	N	N	20	N	5	N	N	N
7DH5430A	70	5,000	1.0	N	N	20	20	15	50	N	<20
7DH5430B	100	2,000	5.0	20	N	50	150	150	20	10	50
7DH5430C	20	500	<1.0	N	N	<5	10	10	<20	N	N
7DH5430D	N	<20	N	N	N	N	10	5	N	N	N
7DH5430E	N	<20	<1.0	N	N	N	10	7	N	N	N
7DH5430F	10	1,000	1.0	N	N	5	20	10	N	5	<20
7DH5430G	20	100	<1.0	N	N	5	20	5	N	N	50
7DH5430H	50	2,000	5.0	N	N	50	100	50	20	<5	20
7DH5430I	30	200	<1.0	N	N	<5	50	15	N	<5	<20
7DH5430J	100	700	3.0	10	N	5	30	50	30	5	<20
7DH5430K	20	500	<1.0	N	N	5	20	100	N	10	N
7DH5430L	200	700	<1.0	15	N	<5	50	100	100	15	20
7DH5431	15	200	<1.0	>1,000	N	<5	10	20,000	N	20	<20

TABLE 9A--RESULTS OF ANALYSES, DETROIT MINING DISTRICT, UTAH--Continued

Sample	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
7DH5393B	20	20	200	5	N	100	200	N	<10	<200	150	N
7DH5393C	<5	<10	100	5	N	N	20	N	N	N	100	N
7DH5393D	N	30	N	<5	N	1,000	100	N	N	<200	200	N
7DH5393E	N	<10	<100	<5	N	N	10	N	N	N	150	N
7DH5393F	20	70	N	20	N	1,000	200	N	50	N	200	N
7DH5393G	30	50	N	10	N	<100	70	N	30	N	200	N
7DH5393H	7	70	N	15	N	2,000	200	N	50	<200	200	N
7DH5393I	50	300	N	20	10	200	100	N	10	<200	150	N
7DH5393J	30	300	100	20	N	500	100	N	10	<200	150	N
7DH5393K	<5	50	N	5	N	1,000	20	N	15	N	30	N
7DH5393L	<5	50	N	5	N	1,000	50	N	20	N	50	N
7DH5393M	50	50	N	20	N	<100	100	N	70	200	200	N
7DH5393N	10	70	N	20	N	2,000	150	N	50	<200	200	N
7DH5393O	5	300	N	20	20	1,000	150	N	10	<200	200	N
7DH5393P	20	300	500	20	<10	1,000	200	N	100	<200	300	N
7DH5393Q	50	300	N	30	N	200	150	N	70	500	200	N
7DH5394A	<5	50	N	30	N	1,500	200	N	70	<200	300	N
7DH5395A	5	50	N	15	N	1,500	150	N	50	200	300	N
7DH5395B	N	50	N	10	N	1,000	100	N	100	200	300	N
7DH5420A	30	30	N	7	N	200	100	N	50	500	20	N
7DH5420B	20	20	N	5	N	100	100	N	50	200	20	N
7DH5420C	10	30	N	<5	N	N	150	N	<10	200	<10	N
7DH5420D	70	10	N	10	N	700	15	N	15	<200	<10	N
7DH5420E	10	20	N	N	N	N	100	N	15	200	N	N
7DH5421	50	30	N	20	N	700	500	N	50	<200	200	N
7DH5422	50	200	N	20	N	300	300	N	30	<200	200	N
7DH5423	<5	50	N	5	N	200	30	N	10	<200	50	N
7DH5424A	20	<10	N	7	N	300	70	N	20	N	100	N
7DH5424B	20	10	N	10	N	200	100	N	20	<200	150	N
7DH5425	<5	100	N	20	N	700	300	N	100	200	300	N
7DH5426A	10	<10	N	N	N	N	50	N	<10	<200	N	N
7DH5426B	30	<10	N	N	N	N	150	N	<10	<200	<10	N
7DH5430A	7	50	N	20	N	3,000	500	N	30	N	1,000	N
7DH5430B	200	200	N	30	N	200	500	N	50	700	300	N
7DH5430C	5	30	N	N	N	500	70	N	<10	<200	500	N
7DH5430D	<5	15	N	N	N	2,000	15	N	<10	N	10	N
7DH5430E	<5	20	N	N	N	1,500	10	N	<10	N	20	N
7DH5430F	5	50	<100	7	N	200	70	N	<10	<200	500	N
7DH5430G	5	10	N	N	N	N	30	N	<10	200	200	N
7DH5430H	50	50	N	20	N	200	200	N	150	200	500	N
7DH5430I	5	200	N	5	<10	700	200	N	<10	<200	300	N
7DH5430J	10	1,000	N	15	N	1,000	200	N	200	<200	500	N
7DH5430K	7	50	100	<5	N	100	70	N	10	<200	300	N
7DH5430L	10	300	N	7	N	2,000	200	N	20	300	300	N
7DH5431	5	50	300	<5	>1,000	500	70	N	50	<200	200	N

TABLE 9A--RESULTS OF ANALYSES, DETROIT MINING DISTRICT, UTAH--Continued

Sample	Au-ppm aa	AS-PPM ICP	BI-PPM ICP	CD-PPM ICP	SB-PPM ICP	ZN-PPM ICP	Na-pct. s	P-pct. s	Ga-ppm s	Ge-ppm s	HG-PPM CV	F% ISE
7DH5393B	6.00	200	N	N	100	35	--	--	--	--	--	--
7DH5393C	<.05	N	N	N	6	N	--	--	--	--	--	--
7DH5393D	.35	50	N	N	8	N	--	--	--	--	--	--
7DH5393E	.95	N	N	N	14	N	--	--	--	--	--	--
7DH5393F	.15	10	N	.1	4	100	--	--	--	--	--	--
7DH5393G	N	100	N	.2	6	110	--	--	--	--	--	--
7DH5393H	.40	50	N	N	N	5	--	--	--	--	--	--
7DH5393I	<.05	N	5	N	N	N	--	--	--	--	--	--
7DH5393J	<.05	N	2	N	N	N	--	--	--	--	--	--
7DH5393K	N	N	N	N	N	10	--	--	--	--	--	--
7DH5393L	N	10	N	N	N	20	--	--	--	--	--	--
7DH5393M	N	20	N	N	N	150	--	--	--	--	--	--
7DH5393N	.05	20	1	N	2	40	--	--	--	--	--	--
7DH5393O	.65	10	1	N	2	5	--	--	--	--	--	--
7DH5393P	1.55	200	28	.1	200	100	--	--	--	--	--	--
7DH5393Q	.30	160	3	N	14	350	--	--	--	--	--	--
7DH5394A	N	30	N	N	N	30	--	--	--	--	--	--
7DH5395A	N	N	N	.1	N	15	--	--	--	--	--	--
7DH5395B	N	N	N	N	N	5	--	--	--	--	--	--
7DH5420A	N	N	1	.9	N	35	--	--	--	--	--	--
7DH5420B	N	N	N	.6	N	30	--	--	--	--	--	--
7DH5420C	N	N	1	N	N	5	--	--	--	--	--	--
7DH5420D	N	N	1	.3	N	55	--	--	--	--	--	--
7DH5420E	N	N	N	.7	N	5	--	--	--	--	--	--
7DH5421	N	70	1	.1	N	40	--	--	--	--	--	--
7DH5422	N	30	2	.2	N	120	--	--	--	--	--	--
7DH5423	N	N	<1	N	N	10	--	--	--	--	--	--
7DH5424A	N	20	1	N	N	5	--	--	--	--	--	--
7DH5424B	N	20	1	N	N	5	--	--	--	--	--	--
7DH5425	N	N	3	.1	N	N	--	--	--	--	--	--
7DH5426A	N	N	N	N	N	5	--	--	--	--	--	--
7DH5426B	N	50	N	.2	2	20	--	--	--	--	--	--
7DH5430A	<.05	70	<1	N	<2	5	--	--	--	--	--	--
7DH5430B	5.75	300	14	.5	38	650	--	--	--	--	--	--
7DH5430C	1.70	10	2	.1	14	N	--	--	--	--	--	--
7DH5430D	N	N	1	N	N	10	--	--	--	--	--	--
7DH5430E	N	N	N	N	N	5	--	--	--	--	--	--
7DH5430F	N	N	N	.1	2	10	--	--	--	--	--	--
7DH5430G	.05	N	N	.1	N	N	--	--	--	--	--	--
7DH5430H	N	40	2	.5	<2	10	--	--	--	--	--	--
7DH5430I	.85	40	1	N	2	N	--	--	--	--	--	--
7DH5430J	.40	150	5	N	14	15	--	--	--	--	--	--
7DH5430K	6.30	40	4	N	22	N	--	--	--	--	--	--
7DH5430L	.75	700	27	N	190	5	--	--	--	--	--	--
7DH5431	.45	1,500	>1,000	.7	210	<5	--	--	--	--	--	--

TABLE 9A--RESULTS OF ANALYSES, DETROIT MINING DISTRICT, UTAH--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
7DH5431B	39 33 33	113 1 50	10.00	5.00	5.00	1.000	2,000	1.0	N	N
7DH5432A	39 33 31	113 1 4	3.00	.50	1.00	>1.000	200	.5	N	N
7DH5432B	39 33 31	113 1 4	10.00	3.00	5.00	1.000	1,500	N	N	N
7DH5433A	39 33 50	113 2 31	10.00	2.00	>20.00	.300	2,000	10.0	<200	<10
7DH5433B	39 33 50	113 2 31	.20	.05	2.00	>1.000	300	15.0	N	N
7DH5433C	39 33 50	113 2 31	2.00	.50	>20.00	.500	1,000	20.0	>10,000	10
8D15737A	39 32 10	112 53 32	2.00	.30	.50	.200	500	N	N	N
8D15737B	39 32 10	112 53 32	7.00	.20	.30	.100	500	N	N	N
8D15737C	39 32 10	112 53 32	1.00	.10	.20	.050	50	N	N	N
8D15737D	39 32 10	112 53 32	1.50	.10	.20	.070	50	N	N	N
8D15737E	39 32 10	112 53 32	1.50	.10	.20	.070	30	N	N	N
8D15737F	39 32 10	112 53 32	1.50	5.00	5.00	.100	1,000	N	N	N
8D15737G	39 32 10	112 53 32	5.00	.50	.50	.050	>5,000	N	1,000	N
8D15738A	39 32 43	112 53 24	.15	.03	.05	.010	50	N	N	N
8D15738B	39 32 43	112 53 24	.10	.02	.05	.020	30	N	N	N
8D15738C	39 32 43	112 53 24	1.50	.10	.30	.030	100	N	N	N
8D15738D	39 32 43	112 53 24	.15	.05	.07	.020	20	N	N	N
8D15739A	39 33 1	112 53 45	1.50	.07	.20	.020	70	N	N	N
8D15739B	39 33 1	112 53 45	2.00	.05	.15	.015	100	N	N	N
8DH5740A	39 34 18	113 3 3	1.00	1.50	10.00	.050	500	20.0	N	N
8DH5740B	39 34 18	113 3 3	2.00	<.02	.20	.050	20	7.0	3,000	N
8DH5740C	39 34 18	113 3 3	7.00	.05	.10	.050	30	10.0	1,000	N
8DH5741A	39 34 11	113 2 55	5.00	.10	7.00	.050	300	100.0	500	N
8DH5741B	39 34 11	113 2 55	7.00	.10	1.00	.070	200	100.0	700	30
8DH5742A	39 34 15	113 3 19	3.00	.05	.50	.150	20	10.0	N	N
8DH5742B	39 34 15	113 3 19	10.00	.10	.50	.100	150	5.0	N	N
8DH5743A	39 33 13	113 3 33	1.50	.70	.20	.500	50	<.5	N	N
8DH5743B	39 33 13	113 3 33	10.00	.15	.30	.070	50	N	N	N
8DH5745A	39 32 21	113 2 15	>20.00	.20	1.00	.030	700	3.0	<200	N
8DH5745B	39 32 21	113 2 15	20.00	.07	.15	.050	100	5.0	1,000	N
8DH5745C	39 32 21	113 2 15	20.00	.10	.20	.150	150	7.0	1,500	N
8DH5746A	39 32 29	113 2 17	5.00	.05	.10	.100	30	5.0	<200	N
8DH5746B	39 32 29	113 2 17	1.50	.05	.10	.100	70	7.0	<200	N
8DH5747A	39 32 8	113 2 8	20.00	.10	.10	.015	70	7.0	1,000	N
8DH5747B	39 32 8	113 2 8	20.00	.15	.15	.050	70	10.0	700	N
8DH5747C	39 32 8	113 2 8	15.00	.15	3.00	.015	200	30.0	700	N
8DH5748A	39 31 54	113 2 21	3.00	.15	.50	.300	100	7.0	N	N
S70W	39 32 0	113 0 28	3.00	<.02	<.05	.030	10	N	500	N
S71W	39 32 0	113 0 28	.15	<.02	<.05	.100	20	N	N	N
S72W	39 32 0	113 0 28	.10	<.02	<.05	.100	20	N	N	N
BR1	39 31 28	113 0 42	10.00	.30	1.00	.005	1,000	N	3,000	N
CH1	39 33 32	113 1 54	2.00	<.02	<.05	.050	100	30.0	200	N
CH2	39 33 35	113 2 4	5.00	.02	<.05	.100	100	20.0	<200	N
CH3	39 33 35	113 2 4	.20	<.02	.10	.200	100	20.0	N	N
CH4	39 33 45	113 2 0	5.00	.03	2.00	.200	1,500	100.0	700	N

TABLE 9A--RESULTS OF ANALYSES, DETROIT MINING DISTRICT, UTAH--Continued

Sample	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s
7DH5431B	20	2,000	2.0	<10	N	20	50	200	20	7	N
7DH5432A	30	300	<1.0	<10	N	<5	30	100	30	10	<20
7DH5432B	50	2,000	1.0	N	N	20	20	50	50	N	N
7DH5433A	30	300	3.0	50	N	15	50	2,000	70	10	N
7DH5433B	10	70	1.0	N	N	<5	20	200	<20	N	70
7DH5433C	50	100	2.0	500	N	<5	30	>20,000	N	50	<20
8DI5737A	50	700	5.0	N	N	20	30	15	100	<5	<20
8DI5737B	50	200	5.0	N	N	<10	10	<5	50	<5	N
8DI5737C	20	100	1.0	N	N	<10	<10	5	<50	N	N
8DI5737D	30	100	2.0	N	N	<10	<10	<5	<50	N	N
8DI5737E	20	50	2.0	N	N	<10	<10	<5	<50	N	N
8DI5737F	30	100	1.0	N	N	10	<10	30	50	N	N
8DI5737G	50	700	20.0	N	N	20	N	30	N	20	N
8DI5738A	15	200	<1.0	N	N	N	<10	<5	N	N	N
8DI5738B	15	300	<1.0	N	N	N	<10	5	N	N	N
8DI5738C	15	500	1.5	N	N	N	<10	10	N	N	N
8DI5738D	15	200	<1.0	N	N	N	<10	7	N	N	N
8DI5739A	15	1,000	1.0	N	N	<10	<10	<5	N	N	N
8DI5739B	15	200	1.0	N	N	<10	<10	5	N	N	N
8DH5740A	<10	50	<1.0	700	N	<10	N	300	N	<5	N
8DH5740B	10	300	<1.0	70	N	N	<10	200	N	N	N
8DH5740C	15	20	<1.0	100	N	N	<10	300	N	N	N
8DH5741A	10	20	<1.0	50	N	20	<10	5,000	N	N	N
8DH5741B	10	20	1.0	100	N	15	N	>20,000	N	N	N
8DH5742A	15	1,000	N	N	N	N	N	300	<50	<5	N
8DH5742B	10	1,000	N	30	N	N	10	200	N	10	N
8DH5743A	50	700	<1.0	N	N	N	20	70	50	5	N
8DH5743B	20	100	2.0	N	N	10	N	50	N	10	N
8DH5745A	30	100	1.0	N	N	100	<10	7,000	N	<5	N
8DH5745B	20	50	1.5	20	N	20	N	2,000	N	<5	N
8DH5745C	30	70	2.0	70	N	15	<10	5,000	N	20	N
8DH5746A	15	100	<1.0	15	N	10	N	1,000	N	15	N
8DH5746B	15	100	<1.0	50	N	<10	<10	2,000	N	5	N
8DH5747A	10	50	1.0	20	N	20	N	700	N	5	N
8DH5747B	30	100	<1.0	70	N	30	N	700	N	5	N
8DH5747C	20	20	1.5	70	N	30	N	1,000	N	10	N
8DH5748A	20	200	<1.0	70	N	<10	N	500	<50	N	N
S70W	20	100	1.0	20	N	N	10	30	N	10	N
S71W	10	200	<1.0	N	N	N	20	30	<20	N	N
S72W	10	200	<1.0	N	N	N	30	50	<20	N	N
BR1	150	100	100.0	N	N	20	10	200	N	10	N
CH1	70	30	3.0	500	N	<5	<10	2,000	N	15	N
CH2	30	20	5.0	500	N	20	<10	>20,000	N	10	N
CH3	50	100	N	>1,000	N	N	10	1,000	N	<5	<20
CH4	20	200	1.0	150	N	50	20	10,000	N	10	<20

TABLE 9A--RESULTS OF ANALYSES, DETROIT MINING DISTRICT, UTAH--Continued

Sample	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
7DH5431B	20	20	N	30	N	700	300	N	50	<200	200	N
7DH5432A	<5	700	N	10	<10	2,000	500	N	20	<200	500	N
7DH5432B	10	100	N	30	<10	1,000	500	N	70	200	300	N
7DH5433A	50	200	200	20	500	100	200	N	50	300	200	N
7DH5433B	5	<10	100	N	150	N	100	N	<10	200	150	N
7DH5433C	5	500	10,000	<5	>1,000	<100	300	N	30	<200	150	N
8DI5737A	15	50	N	15	N	<100	50	N	100	N	500	N
8DI5737B	10	20	N	15	N	N	100	N	100	N	200	N
8DI5737C	5	N	N	<5	N	N	20	N	30	N	100	N
8DI5737D	<5	N	N	5	N	N	30	N	50	N	200	N
8DI5737E	<5	N	N	<5	N	N	30	N	50	N	150	N
8DI5737F	5	30	N	5	N	N	30	N	50	N	300	N
8DI5737G	20	50	N	<5	N	700	70	N	70	200	70	N
8DI5738A	<5	N	N	N	N	N	<10	N	<10	N	70	N
8DI5738B	<5	N	N	N	N	N	<10	N	<10	N	100	N
8DI5738C	7	N	N	5	N	200	50	N	50	N	100	N
8DI5738D	5	N	N	N	N	N	10	N	10	N	100	N
8DI5739A	10	N	N	<5	N	N	20	N	20	N	70	N
8DI5739B	15	N	N	<5	N	N	15	N	15	N	50	N
8DH5740A	7	1,000	N	N	N	N	70	N	50	N	20	N
8DH5740B	<5	150	100	N	N	N	50	N	20	N	30	N
8DH5740C	5	100	300	N	100	N	50	N	<10	N	20	N
8DH5741A	15	300	1,000	N	200	N	50	N	10	300	20	N
8DH5741B	20	500	700	N	300	N	70	N	15	500	70	N
8DH5742A	5	300	N	N	N	700	15	N	N	200	50	N
8DH5742B	7	300	N	N	N	700	100	N	10	300	50	N
8DH5743A	<5	20	N	10	N	N	100	N	15	N	200	N
8DH5743B	20	10	N	5	N	N	30	N	15	N	70	N
8DH5745A	100	200	500	5	N	N	50	20	20	500	15	N
8DH5745B	50	100	700	7	200	N	50	<20	30	500	30	N
8DH5745C	100	200	700	<5	1,000	N	100	<20	10	1,000	70	N
8DH5746A	15	150	200	10	30	N	20	N	15	<200	50	N
8DH5746B	10	70	500	N	700	N	20	N	N	<200	70	N
8DH5747A	20	1,000	700	<5	N	N	50	N	20	2,000	N	N
8DH5747B	30	700	300	5	N	N	300	<20	30	2,000	20	N
8DH5747C	30	1,000	300	5	30	N	100	<20	30	5,000	<10	N
8DH5748A	10	500	300	7	N	200	50	N	15	1,500	100	N
S70W	10	70	N	N	N	100	50	N	<10	N	100	N
S71W	<5	200	N	N	N	200	20	N	<10	N	500	N
S72W	<5	20	N	N	N	200	20	N	<10	N	200	N
BR1	30	200	1,000	10	N	200	1,500	500	15	700	<10	N
CH1	10	100	<100	N	100	N	10	N	10	500	30	N
CH2	50	100	100	<5	50	<100	20	N	50	200	50	N
CH3	<5	50	<100	<5	30	200	15	N	<10	N	100	N
CH4	50	200	5,000	<5	1,000	500	15	N	50	700	100	N

TABLE 9A--RESULTS OF ANALYSES, DETROIT MINING DISTRICT, UTAH--Continued

Sample	Au-ppm aa	AS-PPM ICP	BI-PPM ICP	CD-PPM ICP	SB-PPM ICP	ZN-PPM ICP	Na-pct. s	P-pct. s	Ga-ppm s	Ge-ppm s	HG-PPM CV	F% ISE
7DH5431B	N	N	2	N	N	75	--	--	--	--	--	--
7DH5432A	N	N	3	N	N	N	--	--	--	--	--	--
7DH5432B	N	N	1	N	N	90	--	--	--	--	--	--
7DH5433A	1.95	300	51	4.9	100	420	--	--	--	--	--	--
7DH5433B	.20	30	4	N	58	5	--	--	--	--	--	--
7DH5433C	8.75	>2,000	300	4.5	>1,000	120	--	--	--	--	--	--
8DI5737A	N	29	<2	.6	<2	31	.2	.3	20	N	.02	.04
8DI5737B	N	43	2	1.4	<2	8	N	.5	20	N	.08	.07
8DI5737C	N	6	<2	.3	<2	8	<.2	.3	<5	N	N	.02
8DI5737D	N	<5	<2	.1	<2	8	<.2	.3	<5	N	.08	.02
8DI5737E	N	<5	<2	.2	<2	7	<.2	.2	<5	N	.06	.02
8DI5737F	N	7	<2	.5	<2	19	.2	<.2	10	N	.14	.02
8DI5737G	.05	920	<2	4.3	12	180	2.0	<.2	10	10	N	.04
8DI5738A	N	<5	<2	<.1	<2	2	<.2	<.2	<5	N	.02	.02
8DI5738B	N	10	<2	.3	<2	39	<.2	<.2	N	N	N	.02
8DI5738C	N	<5	<2	<.1	<2	<2	<.2	.5	N	N	N	<.01
8DI5738D	N	<5	<2	<.1	<2	<2	<.2	N	N	N	N	<.01
8DI5739A	N	7	<2	.2	<2	11	<.2	.2	<5	N	.02	<.01
8DI5739B	N	7	<2	.2	<2	10	<.2	.2	30	N	N	<.01
8DH5740A	N	64	680	4.3	11	120	<.2	N	<5	N	.80	.01
8DH5740B	3.60	220	82	.6	21	7	<.2	N	10	N	.60	<.01
8DH5740C	5.90	650	110	1.4	71	32	<.2	N	5	N	.80	<.01
8DH5741A	2.10	360	17	5.8	590	180	<.2	N	5	N	.0	<.01
8DH5741B	6.50	640	94	9.0	550	480	<.2	N	5	N	.0	<.01
8DH5742A	.70	30	8	.3	21	54	N	.2	20	N	.80	<.01
8DH5742B	.60	150	37	1.4	32	130	<.2	<.2	50	N	.40	.01
8DH5743A	N	8	<2	.1	<2	4	<.2	<.2	70	N	.06	.05
8DH5743B	N	28	<2	1.1	<2	18	N	<.2	10	N	.10	.01
8DH5745A	.10	180	21	21.0	180	250	N	N	50	N	.60	.03
8DH5745B	1.10	690	48	5.4	500	330	N	N	30	N	1.60	.02
8DH5745C	2.30	650	62	3.3	320	460	N	N	20	N	4.20	.01
8DH5746A	1.70	200	26	1.2	130	69	N	N	10	N	.40	<.01
8DH5746B	4.40	150	67	1.0	230	84	N	N	10	N	4.00	<.01
8DH5747A	.20	590	26	14.0	440	4,000	N	N	20	N	2.30	.02
8DH5747B	.50	420	110	11.0	170	2,700	N	N	20	N	2.80	.02
8DH5747C	.70	430	79	27.0	200	7,100	N	N	20	N	13.00	.01
8DH5748A	.20	72	72	2.6	160	920	N	.2	30	N	10.00	.02
S70W	1.50	230	5	N	12	10	--	--	--	--	--	--
S71W	1.20	N	N	N	N	5	--	--	--	--	--	--
S72W	.70	N	N	N	N	5	--	--	--	--	--	--
BR1	N	>2,000	N	N	>1,000	370	--	--	--	--	--	--
CH1	2.60	180	450	.1	30	170	--	--	--	--	--	--
CH2	3.00	240	600	1.0	84	210	--	--	--	--	--	--
CH3	1.20	40	640	.1	12	10	--	--	--	--	--	--
CH4	4.00	530	42	.8	>1,000	300	--	--	--	--	--	--

TABLE 9A--RESULTS OF ANALYSES, DETROIT MINING DISTRICT, UTAH--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
CH5	39 33 20	113 1 38	5.00	.02	.30	.070	200	<.5	N	N
S71	39 32 0	113 0 28	.70	<.02	<.05	.100	70	N	N	N
KEY1	39 33 40	113 2 25	1.50	.02	.15	.020	5,000	20.0	2,000	N
SEA1	39 31 55	113 0 12	10.00	.10	.10	.100	1,000	<.5	500	N
SMZ1	39 32 10	113 0 32	5.00	.05	.20	.020	>5,000	.5	10,000	N
OCT1B	39 31 25	113 0 55	1.50	.02	.20	.020	150	N	<200	N
56X2	39 32 0	113 0 28	1.00	<.02	<.05	.200	100	N	<200	N
56X3	39 32 0	113 0 28	.50	<.02	<.05	.200	<10	N	N	N

TABLE 9A--RESULTS OF ANALYSES, DETROIT MINING DISTRICT, UTAH--Continued

Sample	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s
CH5	50	200	N	N	N	N	<10	500	N	10	N
S71	20	200	<1.0	N	N	<5	10	50	N	<5	N
KEY1	30	50	2.0	10	N	100	<10	>20,000	N	5	N
SEA1	150	200	1.5	<10	N	20	30	200	<20	N	N
SMZ1	100	500	2.0	N	N	10	10	150	N	15	N
OCT1B	70	500	5.0	N	N	<5	<10	30	N	N	N
56X2	20	100	1.0	<10	N	<5	20	50	50	N	N
56X3	20	200	<1.0	<10	N	<5	20	20	70	N	<20

TABLE 9A--RESULTS OF ANALYSES, DETROIT MINING DISTRICT, UTAH--Continued

Sample	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
CH5	5	100	N	<5	20	150	20	N	<10	N	100	N
S71	5	50	<100	N	N	100	10	N	<10	N	200	N
KEY1	30	50	1,000	N	<10	<100	20	N	200	N	<10	N
SEA1	50	1,000	<100	<5	N	500	100	N	50	500	500	N
SMZ1	20	2,000	<100	10	N	500	100	N	30	N	50	N
OCT1B	10	70	<100	N	N	N	200	N	<10	500	10	N
56X2	10	100	N	<5	N	500	100	N	<10	N	300	N
56X3	5	50	N	<5	N	500	100	N	10	N	300	N

TABLE 9A--RESULTS OF ANALYSES, DETROIT MINING DISTRICT, UTAH--Continued

Sample	Au-ppm aa	AS-PPM ICP	BI-PPM ICP	CD-PPM ICP	SB-PPM ICP	ZN-PPM ICP	Na-pct. s	P-pct. s	Ga-ppm s	Ge-ppm s	HG-PPM CV	F% ISE
CH5	.05	10	N	.3	N	30	--	--	--	--	--	--
S71	.60	20	N	N	N	5	--	--	--	--	--	--
KEY1	.80	2,000	N	.7	860	80	--	--	--	--	--	--
SEA1	.90	420	N	N	12	130	--	--	--	--	--	--
SMZ1	1.60	>2,000	N	.1	40	100	--	--	--	--	--	--
OCT1B	.15	130	N	.1	24	220	--	--	--	--	--	--
56X2	.40	90	N	N	4	25	--	--	--	--	--	--
56X3	.55	40	N	N	4	10	--	--	--	--	--	--

TABLE 9B--RESULTS OF ANALYSES, DUGWAY RANGE, UTAH

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

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s
8VV5717A	39 55 0	113 10 0	.50	.1	1.50	.007	1,500	N	N	N
8VV5717B	39 55 0	113 10 0	1.00	.5	1.00	.010	2,000	N	N	N
8AG5718A	39 59 46	113 12 25	1.00	.2	<.05	.020	300	20.0	N	N
8AG5718B	39 59 46	113 12 25	1.50	.3	<.05	.020	300	2.0	N	N
8VV5719A	40 0 42	113 12 31	.70	.7	10.00	.010	2,000	N	N	N
8VV5719B	40 0 42	113 12 31	.50	1.5	20.00	.010	5,000	N	N	N
8VV5719C	40 0 42	113 12 31	.10	.5	20.00	.007	3,000	N	N	N
8VV5719D	40 0 42	113 12 31	.15	.2	20.00	.003	2,000	N	N	N
8VV5719E	40 0 42	113 12 31	.50	1.5	20.00	.020	5,000	1.5	N	N
8VV5720A	40 0 30	113 12 24	.10	>10.0	20.00	.003	700	N	N	N

TABLE 9B--RESULTS OF ANALYSES, DUGWAY RANGE, UTAH--Continued

Sample	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s
8VV5717A	15	200	7	N	N	N	<10	20	N	N	N	5
8VV5717B	15	200	5	N	N	N	15	30	N	N	N	10
8AG5718A	15	100	5	30	N	N	10	5,000	N	N	N	5
8AG5718B	15	100	5	15	N	N	N	3,000	N	N	N	7
8VV5719A	10	150	1	N	N	N	N	15	N	N	N	<5
8VV5719B	10	500	<1	N	N	N	N	7	N	N	N	<5
8VV5719C	<10	200	N	N	N	N	N	7	N	N	N	<5
8VV5719D	10	150	3	N	N	N	N	5	N	N	N	<5
8VV5719E	15	300	30	N	70	N	N	700	N	N	N	<5
8VV5720A	N	N	N	N	N	N	N	5	N	N	N	N

TABLE 9B--RESULTS OF ANALYSES, DUGWAY RANGE, UTAH--Continued

Sample	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa
8VV5717A	<10	N	N	N	N	10	N	N	N	<10	N	<.05
8VV5717B	<10	N	N	N	N	15	N	N	N	10	N	<.05
8AG5718A	10,000	N	N	N	N	10	N	N	1,500	<10	N	.50
8AG5718B	500	N	N	N	N	10	N	N	2,000	10	N	.55
8VV5719A	500	N	N	N	N	10	N	N	2,000	<10	N	<.05
8VV5719B	30	N	N	N	<100	15	N	N	200	<10	N	<.05
8VV5719C	700	N	N	N	N	15	N	N	300	<10	N	<.05
8VV5719D	1,000	N	N	N	N	10	N	N	500	N	N	<.05
8VV5719E	10,000	N	N	N	N	15	N	N	10,000	50	N	<.05
8VV5720A	30	N	N	N	N	<10	N	N	N	N	N	.05

TABLE 9B--RESULTS OF ANALYSES, DUGWAY RANGE, UTAH--Continued

Sample	AS-PPM ICP	BI-PPM ICP	CD-PPM ICP	SB-PPM ICP	ZN-PPM ICP	Na-pct. s	P-pct. s	Ga-ppm s	Ge-ppm s	HG-PPM CV	F% ISE
8VV5717A	22	<2	<.1	4	26	N	<.2	<5	N	N	.24
8VV5717B	12	<2	.2	2	46	N	<.2	<5	N	.02	.03
8AG5718A	16	31	5.1	11	1,000	N	<.2	<5	N	N	<.01
8AG5718B	6	28	4.9	3	1,500	N	<.2	<5	N	.04	<.01
8VV5719A	7	<2	1.7	3	1,300	N	N	N	N	.02	.01
8VV5719B	7	<2	.2	2	150	.2	N	N	N	N	.02
8VV5719C	7	<2	1.1	2	230	<.2	N	N	N	N	<.01
8VV5719D	6	<2	5.0	2	940	<.2	N	N	N	N	.03
8VV5719E	9	<2	55.0	5	9,700	<.2	N	<5	N	.06	.13
8VV5720A	10	<2	.3	<2	78	N	N	N	N	N	.02

TABLE 10--RESULTS OF ANALYSES, FISH SPRINGS RANGE, UTAH

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

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
FS1	39 51 20	113 27 20	.50	10.00	10.00	.003	1,000	150.0	N	N	N	N	N
FS2	39 51 20	113 27 20	>20.00	.20	.50	.010	50	150.0	>10,000	N	<10	50	N
FS3	39 51 6	113 27 10	20.00	.07	.20	.005	100	5,000.0	>10,000	N	30	50	1
FS4	39 51 11	113 27 17	5.00	3.00	5.00	.002	1,000	500.0	>10,000	N	30	<20	N
FS5	39 51 0	113 27 12	1.00	5.00	10.00	<.002	1,000	7.0	500	N	N	N	<1
6DE0013	39 37 18	113 25 56	1.50	1.50	20.00	.070	500	N	N	N	<10	100	<1
6DE0014	39 37 56	113 27 17	5.00	.30	>20.00	.070	1,000	N	N	N	10	100	1
6CE0015	39 38 59	113 27 48	1.00	.50	>20.00	.020	2,000	N	N	N	N	<20	N
6CE0017	39 40 44	113 27 52	1.50	3.00	>20.00	.020	700	N	N	N	N	300	<1
6CE0018	39 41 23	113 28 11	3.00	2.00	>20.00	.100	1,500	N	N	N	20	150	1
6CE0019	39 42 12	113 28 29	1.00	3.00	>20.00	.020	500	N	N	N	50	50	<1
6CE0021	39 44 14	113 28 9	2.00	.50	>20.00	.020	500	N	N	N	50	70	N
6CE0023	39 38 36	113 24 23	1.50	.50	>20.00	.050	300	N	N	N	N	<20	N
6CE0024	39 39 44	113 24 25	.15	1.50	>20.00	.070	150	N	N	N	30	20	<1
6CE0025	39 40 45	113 24 19	1.00	.50	20.00	.100	500	N	N	N	20	100	1
6CE0027	39 43 36	113 24 33	5.00	.70	>20.00	.020	500	N	N	N	N	<20	<1
6CE0028	39 44 12	113 25 16	2.00	5.00	20.00	.100	700	N	N	N	<10	100	<1
6BE0029	39 47 45	113 25 45	.70	10.00	20.00	.010	200	N	N	N	N	<20	<1
6BE0030	39 48 32	113 25 56	5.00	1.50	2.00	.300	500	N	N	N	70	700	5
6BE0032	39 49 29	113 24 50	.20	7.00	10.00	.030	150	N	N	N	20	50	N
6BE0033	39 50 29	113 24 47	.20	10.00	10.00	.007	150	N	N	N	10	<20	N
6BE0035	39 51 25	113 25 41	2.00	7.00	10.00	.050	150	N	N	N	30	70	N
6BE0036	39 50 57	113 26 4	3.00	1.00	20.00	.050	500	N	<200	N	50	70	N
6BE0037	39 52 10	113 24 54	1.00	7.00	15.00	.020	150	N	N	N	50	50	N
6AE0038	39 52 32	113 24 57	2.00	5.00	15.00	.030	100	N	N	N	50	50	N
6AE0039	39 53 26	113 25 24	.15	7.00	>20.00	.015	200	N	N	N	<10	200	N
6AE0040	39 53 6	113 26 56	.70	7.00	20.00	.050	300	N	N	N	50	50	N
6BE0041	39 52 12	113 27 39	.50	2.00	5.00	.070	50	<.5	N	N	70	70	N
6BE1024R	39 51 10	113 27 48	.15	10.00	>20.00	.007	200	2.0	N	N	70	50	N
6BE1026R	39 49 29	113 28 4	.20	>10.00	>20.00	.010	300	N	N	N	<10	30	N
6BE1027R	39 48 36	113 28 47	.05	1.00	3.00	.010	20	N	N	N	70	300	<1
6BE1028R	39 48 5	113 29 5	.20	10.00	20.00	.005	150	N	N	N	<10	20	N
6BE1029R	39 47 51	113 28 29	1.00	10.00	10.00	.010	300	N	N	N	20	100	<1
6BE1030R	39 47 13	113 28 25	.10	5.00	5.00	.005	70	N	N	N	30	30	N
6BE1034R	39 45 30	113 25 28	20.00	2.00	5.00	.070	200	N	N	N	20	100	1
6BE1035R	39 46 43	113 25 37	>20.00	.50	7.00	.050	100	N	>10,000	N	30	2,000	<1
6DE1050R	39 37 19	113 24 57	1.00	.20	10.00	.050	700	N	N	N	70	100	<1
6CE1060R	39 37 35	113 26 54	.15	7.00	20.00	.030	500	N	N	N	N	20	<1
6BE5015A	39 51 26	113 27 28	1.00	.20	.20	.300	150	5.0	N	N	30	2,000	3
6BE5015B	39 51 26	113 27 28	>20.00	.02	.05	.005	3,000	7.0	N	N	<10	50	<1
6BE5016	39 51 26	113 27 15	.50	10.00	20.00	.007	1,000	2.0	N	N	<10	50	N
6BE5017A	39 51 28	113 27 10	5.00	5.00	10.00	.020	1,000	3.0	N	N	30	100	N
6BE5017B	39 51 28	113 27 10	<.05	.05	1.00	.007	100	N	N	N	30	200	N
6BE5018	39 51 26	113 27 5	.10	10.00	20.00	<.002	200	N	N	N	<10	<20	N
6BE5020	39 51 23	113 26 59	.50	>10.00	>20.00	.050	500	N	N	N	N	20	N

TABLE 10--RESULTS OF ANALYSES, FISH SPRINGS RANGE, UTAH--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
FS1	N	200	N	<10	500	N	N	N	<5	2,000	N	N	N	N
FS2	N	100	N	<10	2,000	N	N	N	N	20,000	2,000	N	N	N
FS3	N	<20	N	<10	1,000	N	N	N	5	10,000	7,000	N	N	N
FS4	N	>500	N	<10	5,000	N	15	N	5	>20,000	1,000	N	N	N
FS5	N	>500	N	<10	700	N	N	N	N	3,000	N	N	N	N
6DE0013	N	N	N	<10	<5	N	N	N	5	<10	N	5	N	500
6DE0014	N	N	7	15	<5	N	N	N	7	<10	N	7	N	300
6CE0015	N	N	N	<10	<5	N	N	N	<5	N	N	<5	N	500
6CE0017	N	N	N	<10	<5	N	N	N	5	10	N	<5	N	200
6CE0018	N	N	<5	<10	5	<20	N	N	5	20	N	7	N	300
6CE0019	N	N	N	<10	5	N	N	N	15	<10	N	N	N	100
6CE0021	N	N	N	<10	<5	N	N	N	20	<10	N	<5	N	100
6CE0023	N	N	N	<10	<5	N	N	N	7	N	N	N	N	500
6CE0024	N	N	N	<10	<5	N	N	N	<5	N	N	N	N	N
6CE0025	N	N	<5	<10	<5	N	N	N	10	<10	N	<5	N	<100
6CE0027	N	N	<5	<10	7	N	N	N	10	<10	N	5	N	200
6CE0028	N	N	<5	10	<5	<20	N	N	5	<10	N	5	N	150
6BE0029	N	N	N	<10	<5	N	N	N	7	10	N	N	N	N
6BE0030	N	N	15	50	15	50	N	N	50	30	N	7	N	500
6BE0032	N	N	N	<10	<5	N	N	N	10	N	N	N	N	N
6BE0033	N	N	N	<10	<5	N	N	N	10	N	N	N	N	N
6BE0035	N	N	N	<10	5	N	N	N	10	N	N	N	N	N
6BE0036	N	N	N	10	10	N	15	N	15	10	N	N	N	<100
6BE0037	N	N	N	10	10	N	N	N	10	<10	N	N	N	N
6AE0038	N	N	N	<10	<5	N	N	N	10	N	N	N	N	N
6AE0039	N	N	N	<10	5	N	N	N	5	N	N	N	N	1,000
6AE0040	N	N	N	<10	15	N	N	N	15	20	N	N	N	N
6BE0041	N	N	N	<10	5	N	N	N	10	N	N	N	N	N
6BE1024R	N	N	N	<10	<5	N	N	N	7	<10	N	N	N	N
6BE1026R	N	N	N	<10	5	N	N	N	5	<10	N	N	N	<100
6BE1027R	N	N	N	<10	15	N	N	N	7	<10	N	N	N	N
6BE1028R	N	N	N	<10	10	N	N	N	5	<10	N	N	N	<100
6BE1029R	N	N	N	10	20	N	5	N	15	<10	N	N	N	N
6BE1030R	N	N	N	<10	5	N	N	N	7	N	N	N	N	N
6BE1034R	N	N	<5	<10	10	N	10	N	10	200	N	<5	N	N
6BE1035R	N	N	<5	10	15	N	20	N	10	20	N	N	N	500
6DE1050R	N	N	<5	<10	15	N	N	N	<5	<10	N	N	N	N
6CE1060R	N	N	N	<10	<5	N	N	N	<5	<10	N	N	N	N
6BE5015A	N	N	N	10	<5	50	N	N	5	50	N	<5	N	N
6BE5015B	N	50	N	N	5,000	N	N	N	5	15,000	<100	N	N	N
6BE5016	N	N	N	<10	50	N	N	N	5	100	N	N	N	N
6BE5017A	N	N	N	50	70	N	10	N	30	100	N	N	N	N
6BE5017B	N	N	N	<10	5	N	N	N	<5	<10	N	N	N	N
6BE5018	N	N	N	<10	5	N	N	N	5	10	N	N	N	N
6BE5020	N	N	N	<10	7	N	N	N	10	30	N	N	N	<100

TABLE 10--RESULTS OF ANALYSES, FISH SPRINGS RANGE, UTAH--Continued

Sample	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	AS-PPM ICP	BI-PPM ICP	CD-PPM ICP	SB-PPM ICP	ZN-PPM ICP
FS1	20	N	<10	>10,000	N	N	N	30.000	N	>100.0	8.000	--
FS2	20	N	10	>10,000	<10	N	.05	>2,000.000	N	70.0	680.000	--
FS3	10	N	N	5,000	N	N	1.10	>2,000.000	2	15.0	>1,000.000	--
FS4	15	N	N	>10,000	N	N	.25	>2,000.000	N	>100.0	400.000	--
FS5	15	N	10	>10,000	<10	N	N	300.000	N	>100.0	18.000	--
6DE0013	20	N	15	N	100	N	N	120.000	<2	.3	<2.000	3.00
6DE0014	20	N	30	N	150	N	N	68.000	<2	.6	<2.000	3.00
6CE0015	15	N	10	N	20	N	N	51.000	<2	.2	6.000	2.00
6CE0017	15	N	10	N	20	N	N	43.000	<2	.3	15.000	<2.00
6CE0018	30	N	50	N	200	N	N	35.000	<2	.5	<2.000	<2.00
6CE0019	15	N	10	<200	30	N	N	<5.000	<2	.2	<2.000	<2.00
6CE0021	20	N	<10	<200	70	N	N	7.000	<2	.3	<2.000	11.00
6CE0023	10	N	N	<200	20	N	N	33.000	<2	.4	<2.000	6.00
6CE0024	10	N	<10	<200	1,000	N	N	<5.000	<2	<.1	<2.000	<2.00
6CE0025	15	N	20	N	150	N	N	71.000	<2	.4	4.000	<2.00
6CE0027	15	N	10	N	20	N	N	30.000	<2	.9	18.000	7.00
6CE0028	20	N	20	N	200	N	N	77.000	<2	.5	<2.000	<2.00
6BE0029	10	N	N	<200	15	N	N	<5.000	<2	.3	3.000	<2.00
6BE0030	150	N	20	<200	200	N	N	<5.000	<2	.2	<2.000	10.00
6BE0032	20	N	<10	200	20	N	N	<5.000	<2	.1	<2.000	<2.00
6BE0033	10	N	N	200	10	N	N	<5.000	<2	<.1	<2.000	<2.00
6BE0035	20	N	N	200	10	N	N	6.000	<2	.3	<2.000	10.00
6BE0036	30	N	<10	<200	100	N	N	230.000	<2	.6	35.000	21.00
6BE0037	30	N	N	200	30	N	N	<5.000	<2	.5	8.000	16.00
6AE0038	15	N	N	<200	30	N	N	11.000	<2	.3	5.000	<2.00
6AE0039	10	N	N	<200	<10	N	N	<5.000	<2	<.1	2.000	<2.00
6AE0040	30	N	<10	<200	500	N	N	6.000	<2	.1	3.000	<2.00
6BE0041	30	N	<10	<200	200	N	N	5.000	<2	.1	<2.000	3.00
6BE1024R	10	N	N	200	<10	N	N	<5.000	<2	.2	<2.000	41.00
6BE1026R	10	N	<10	<200	<10	N	N	<5.000	<2	<.1	2.000	<2.00
6BE1027R	10	N	N	<200	<10	N	N	<5.000	<2	<.1	<2.000	3.00
6BE1028R	10	N	N	<200	<10	N	N	<5.000	<2	.1	<2.000	<2.00
6BE1029R	15	N	<10	200	<10	N	N	<5.000	<2	.1	<2.000	<2.00
6BE1030R	10	N	N	<200	<10	N	N	<5.000	<2	<.1	<2.000	<2.00
6BE1034R	100	N	20	5,000	100	N	N	57.000	<2	14.0	4.000	5,900.00
6BE1035R	70	N	N	300	30	N	N	15,000.000	<2	.3	21.000	21.00
6DE1050R	20	N	10	<200	100	N	N	21.000	<2	.2	4.000	8.00
6CE1060R	<10	N	<10	<200	N	N	N	7.000	<2	<.1	<2.000	<2.00
6BE5015A	50	N	20	200	200	N	N	55.000	<2	.7	<2.000	28.00
6BE5015B	20	N	N	>10,000	20	N	N	210.000	11	43.0	56.000	20,000.00
6BE5016	20	N	N	<200	N	N	N	<5.000	<2	.6	<2.000	71.00
6BE5017A	100	N	N	200	15	N	N	79.000	<2	.3	14.000	75.00
6BE5017B	10	N	N	<200	<10	N	N	<5.000	<2	<.1	<2.000	7.00
6BE5018	20	N	N	<200	N	N	N	<5.000	<2	<.1	<2.000	<2.00
6BE5020	30	N	N	N	20	N	N	7.000	<2	.2	3.000	23.00

TABLE 10--RESULTS OF ANALYSES, FISH SPRINGS RANGE, UTAH--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
6BE5021A	39 51 21	113 27 7	10.00	.50	1.00	.010	>5,000	70.0	500	N	<10	<20	N
6BE5021B	39 51 21	113 27 7	10.00	2.00	5.00	.005	>5,000	300.0	10,000	N	20	500	<1
6BE5022	39 51 14	113 26 49	.50	10.00	20.00	.020	1,500	1.0	N	N	<10	<20	N
6BE5023	39 51 7	113 26 53	15.00	7.00	10.00	.100	1,500	.5	N	N	100	20	N
6BE5024	39 51 4	113 26 58	5.00	10.00	20.00	.020	1,000	1.0	N	N	10	20	N
6BE5025	39 51 2	113 26 59	.70	10.00	>20.00	.003	5,000	200.0	1,500	N	N	N	N
6BE5026A	39 51 0	113 27 11	.10	10.00	>20.00	.005	1,000	3.0	N	N	<10	N	N
6BE5026B	39 51 0	113 27 11	>20.00	5.00	20.00	.015	2,000	200.0	500	N	<10	20	1
6BE5027A	39 51 6	113 27 11	5.00	5.00	20.00	.005	>5,000	1,000.0	5,000	N	10	N	<1
6BE5027B	39 51 6	113 27 11	2.00	3.00	20.00	.002	5,000	1,000.0	7,000	N	N	N	<1
6BE5028B	39 51 21	113 27 37	5.00	10.00	>20.00	.007	5,000	100.0	700	N	<10	N	N
6BE5029A	39 51 26	113 27 40	.70	>10.00	>20.00	.015	1,500	50.0	N	N	N	N	N
6BE5029B	39 51 26	113 27 40	2.00	1.00	.20	.200	200	5.0	1,000	N	50	700	3
6BE5030A	39 51 37	113 27 54	15.00	3.00	5.00	.010	1,000	50.0	1,000	N	50	70	<1
6BE5030B	39 51 37	113 27 54	20.00	1.00	3.00	.005	200	15.0	5,000	N	30	50	<1
6BE5030C	39 51 37	113 27 54	.70	>10.00	>20.00	.010	2,000	5.0	N	N	N	20	<1
6AE5041	39 53 2	113 24 52	5.00	10.00	10.00	.100	500	1.0	N	N	100	<20	<1
6BE5042	39 49 57	113 28 56	15.00	7.00	10.00	.050	2,000	150.0	1,000	N	50	300	<1
6BE5043A	39 49 59	113 28 46	2.00	.20	.50	.050	200	500.0	700	N	50	200	1
6BE5043B	39 49 59	113 28 46	20.00	.50	.10	.100	500	200.0	10,000	N	150	100	5
6DE5045A	39 37 27	113 25 11	1.50	5.00	>20.00	.010	2,000	3.0	N	N	N	20	N
6DE5045B	39 37 27	113 25 11	.50	>10.00	>20.00	.007	500	N	N	N	<10	150	<1
6DE5045C	39 37 27	113 25 11	5.00	>10.00	>20.00	.010	2,000	N	N	N	N	20	<1
6DE5046	39 37 22	113 25 12	.50	1.00	>20.00	N	700	N	N	N	N	N	N
6CE5053	39 39 28	113 25 6	1.00	1.00	>20.00	.020	700	N	N	N	N	<20	<1
6CE5054	39 39 22	113 25 18	2.00	1.00	>20.00	.070	1,000	N	N	N	<10	100	5
6CE5055	39 38 49	113 25 25	1.00	10.00	>20.00	.050	2,000	N	N	N	N	200	<1
6CE5056	39 38 43	113 25 31	3.00	1.00	>20.00	.100	1,000	N	N	N	10	200	<1
6CE5057	39 38 27	113 25 29	.50	10.00	>20.00	.020	2,000	N	N	N	N	N	1
7BE5203	39 46 8	113 25 18	1.00	>10.00	20.00	.020	500	N	N	N	<10	100	N
7BE5204B	39 46 4	113 25 21	.50	.70	20.00	.050	700	N	N	N	N	70	<1
7BE5204C	39 46 4	113 25 21	1.00	1.00	20.00	.300	1,000	N	N	N	20	150	<1
7BE5204D	39 46 4	113 25 21	.70	1.00	>20.00	.010	500	N	N	N	N	<20	N
7BE5204A	39 46 4	113 25 21	.20	1.00	20.00	.020	300	N	N	N	N	<20	N
7BE5205	39 46 49	113 25 49	.70	10.00	20.00	.003	70	N	N	N	N	<20	<1
7BE5207	39 46 55	113 26 25	2.00	1.00	20.00	.050	500	N	N	N	10	100	N
7BE5208	39 46 53	113 26 35	20.00	.50	1.50	.010	20	N	N	N	50	100	<1
7BE5209	39 46 53	113 26 37	2.00	.70	20.00	.050	2,000	N	N	N	10	100	N
7BE5347A	39 50 55	113 26 36	15.00	.30	.10	.050	150	N	N	N	500	200	5
7BE5347B	39 50 55	113 26 36	20.00	.50	.50	.100	200	N	3,000	N	700	1,000	2
7BE5347C	39 50 55	113 26 36	>20.00	.50	.50	.050	150	N	1,000	N	1,000	700	1
7BE5348A	39 51 10	113 26 44	7.00	10.00	>20.00	.200	200	<.5	N	N	300	200	1
7BE5348B	39 51 10	113 26 44	2.00	>10.00	>20.00	.070	1,500	N	N	N	50	50	<1
7BE5349A	39 51 13	113 26 41	3.00	>10.00	>20.00	.150	700	N	N	N	200	100	<1
7BE5349B	39 51 13	113 26 41	.15	>10.00	>20.00	.010	1,000	N	N	N	N	20	N

TABLE 10--RESULTS OF ANALYSES, FISH SPRINGS RANGE, UTAH--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
6BE5021A	N	500	N	<10	10	N	100	N	<5	5,000	500	<5	N	1,000
6BE5021B	N	>500	N	<10	50	N	50	N	5	>20,000	700	N	N	N
6BE5022	N	N	N	<10	5	N	N	N	7	200	N	N	N	N
6BE5023	N	N	7	20	20	N	5	N	30	500	N	<5	N	N
6BE5024	N	N	N	<10	5	N	N	N	10	150	N	N	N	N
6BE5025	N	200	N	<10	20	N	<5	N	<5	>20,000	100	N	N	N
6BE5026A	N	N	N	<10	<5	N	N	N	<5	500	N	N	N	N
6BE5026B	N	>500	<5	<10	2,000	N	<5	N	5	20,000	1,000	N	N	N
6BE5027A	N	>500	N	<10	2,000	N	10	N	5	>20,000	2,000	N	N	N
6BE5027B	N	>500	N	<10	700	N	10	N	<5	20,000	1,000	N	N	N
6BE5028B	N	>500	100	<10	1,000	N	200	N	10	>20,000	500	N	N	N
6BE5029A	N	100	N	<10	500	N	10	N	5	7,000	100	N	N	N
6BE5029B	N	N	<5	<10	5	50	N	N	7	500	N	<5	N	N
6BE5030A	100	N	N	<10	100	N	50	N	20	2,000	<100	N	N	300
6BE5030B	15	N	N	<10	200	N	10	N	<5	2,000	100	N	N	N
6BE5030C	N	N	N	<10	20	N	5	N	<5	500	N	N	N	N
6AE5041	N	N	30	20	30	N	10	N	50	200	N	<5	N	N
6BE5042	N	N	N	<10	200	N	50	N	5	>20,000	200	5	N	<100
6BE5043A	N	N	<5	10	100	20	100	N	10	>20,000	300	<5	N	300
6BE5043B	N	N	5	20	300	100	100	N	30	>20,000	1,500	7	N	N
6DE5045A	N	N	N	<10	<5	N	N	N	N	100	N	N	N	100
6DE5045B	N	N	N	<10	<5	N	N	N	N	70	N	<5	N	1,500
6DE5045C	N	N	N	<10	<5	N	N	N	<5	100	N	<5	N	N
6DE5046	N	N	N	N	<5	N	N	N	N	50	N	<5	N	100
6CE5053	N	N	N	10	<5	N	N	N	<5	50	N	N	N	500
6CE5054	N	N	N	15	<5	N	N	N	5	50	N	7	N	500
6CE5055	N	N	5	10	5	N	N	N	5	30	N	N	N	300
6CE5056	N	N	10	20	10	N	N	N	10	50	N	7	N	500
6CE5057	N	N	<5	<10	<5	N	N	N	<5	50	N	5	N	<100
7BE5203	N	N	N	10	5	N	N	N	5	10	N	N	N	N
7BE5204B	N	N	<5	20	<5	<20	N	N	<5	10	N	N	N	500
7BE5204C	N	N	10	70	10	30	N	<20	10	30	N	10	N	200
7BE5204D	N	N	N	<10	<5	N	N	N	<5	<10	N	<5	N	200
7BE5204A	N	N	N	20	<5	N	N	N	<5	N	N	N	N	500
7BE5205	N	N	N	<10	<5	N	N	N	5	20	N	N	N	N
7BE5207	N	N	5	30	<5	N	<5	N	5	20	N	<5	N	200
7BE5208	N	N	15	N	30	N	70	N	70	10	N	N	N	N
7BE5209	N	N	20	50	10	<20	N	N	15	30	N	10	N	500
7BE5347A	N	N	10	<10	10	N	5	N	20	20	N	10	N	<100
7BE5347B	N	N	7	10	15	N	15	N	20	50	N	10	N	100
7BE5347C	N	N	<5	<10	10	N	10	N	15	50	N	7	N	500
7BE5348A	N	N	20	100	50	20	5	N	70	70	N	20	N	100
7BE5348B	N	N	5	20	10	N	5	N	30	70	N	7	N	<100
7BE5349A	N	N	7	50	15	N	5	N	30	50	N	10	N	<100
7BE5349B	N	N	N	<10	5	N	N	N	<5	30	N	N	N	<100

TABLE 10--RESULTS OF ANALYSES, FISH SPRINGS RANGE, UTAH--Continued

Sample	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	AS-PPM ICP	BI-PPM ICP	CD-PPM ICP	SB-PPM ICP	ZN-PPM ICP
6BE5021A	200	N	N	>10,000	<10	N	N	630.000	56	170.0	280.000	4,800.00
6BE5021B	50	N	N	>10,000	N	N	N	4,900.000	5	360.0	320.000	38,000.00
6BE5022	10	N	N	700	15	N	N	10.000	<2	5.6	7.000	640.00
6BE5023	100	N	N	5,000	20	N	N	18.000	<2	4.6	4.000	1,500.00
6BE5024	30	N	N	<200	10	N	N	25.000	<2	.6	5.000	120.00
6BE5025	<10	N	N	10,000	N	N	N	1,500.000	<2	83.0	67.000	4,500.00
6BE5026A	<10	N	N	N	N	N	N	15.000	<2	1.9	4.000	87.00
6BE5026B	20	N	N	>10,000	10	N	N	490.000	<2	1,100.0	370.000	21,000.00
6BE5027A	10	N	<10	>10,000	N	N	.17	4,100.000	<2	1,800.0	410.000	150,000.00
6BE5027B	10	N	<10	>10,000	N	N	.15	6,600.000	<2	780.0	820.000	85,000.00
6BE5028B	50	N	<10	>10,000	N	N	N	340.000	<2	1,100.0	240.000	45,000.02
6BE5029A	50	N	<10	3,000	<10	N	N	100.000	<2	63.0	72.000	2,300.00
6BE5029B	50	N	30	200	200	N	N	38.000	<2	2.0	6.000	140.00
6BE5030A	100	N	<10	1,000	20	N	.30	580.000	47	4.2	16.000	960.00
6BE5030B	100	200	10	1,000	50	N	.20	2,300.000	13	8.3	51.000	430.00
6BE5030C	10	N	10	<200	<10	N	<.10	34.000	<2	1.5	5.000	100.00
6AE5041	50	N	10	N	500	N	<.10	100.000	<2	.6	7.000	<2.00
6BE5042	150	N	<10	2,000	200	N	<.10	720.000	<2	11.0	100.000	2,100.00
6BE5043A	70	N	10	200	500	N	<.10	570.000	<2	1.4	280.000	220.00
6BE5043B	200	50	50	1,000	>1,000	N	1.80	5,300.000	<2	4.7	560.000	2,900.00
6DE5045A	20	N	<10	N	10	N	<.10	8.000	<2	.4	<2.000	53.00
6DE5045B	10	N	N	<200	<10	N	<.10	<5.000	<2	.1	<2.000	58.00
6DE5045C	30	N	<10	<200	<10	N	<.10	80.000	<2	.8	<2.000	130.00
6DE5046	10	N	N	N	N	N	<.10	14.000	<2	.5	<2.000	14.00
6CE5053	30	N	10	<200	10	N	<.10	19.000	<2	.3	16.000	2.00
6CE5054	30	N	10	<200	30	N	<.10	72.000	<2	.6	17.000	13.00
6CE5055	20	N	<10	<200	30	N	<.10	26.000	<2	.3	2.000	<2.00
6CE5056	70	N	20	<200	300	N	<.10	64.000	<2	.6	3.000	3.00
6CE5057	20	N	<10	<200	<10	N	<.10	12.000	<2	.2	3.000	<2.00
7BE5203	15	N	<10	<200	10	N	N	10.000	N	.1	N	N
7BE5204B	20	N	10	N	50	N	N	20.000	2	N	N	5.00
7BE5204C	150	N	20	N	200	N	N	70.000	N	N	2.000	15.00
7BE5204D	20	N	<10	N	20	N	N	40.000	N	N	N	N
7BE5204A	20	N	N	N	20	N	N	10.000	N	N	2.000	N
7BE5205	10	N	N	<200	<10	N	N	N	N	.1	N	N
7BE5207	20	N	15	N	70	N	N	20.000	N	N	N	25.00
7BE5208	100	N	10	1,000	<10	N	N	80.000	1	N	N	180.00
7BE5209	20	N	30	N	70	N	N	N	N	N	N	10.00
7BE5347A	100	N	15	200	50	N	N	200.000	N	.3	20.000	75.00
7BE5347B	200	N	10	500	70	N	N	1,500.000	N	.2	12.000	40.00
7BE5347C	100	N	10	500	20	N	N	900.000	N	.1	16.000	50.00
7BE5348A	70	N	30	<200	150	N	N	10.000	N	N	2.000	55.00
7BE5348B	50	N	10	<200	50	N	N	20.000	N	N	4.000	5.00
7BE5349A	50	N	20	<200	100	N	N	10.000	N	N	N	15.00
7BE5349B	10	N	10	<200	<10	N	N	N	N	N	N	10.00

TABLE 10--RESULTS OF ANALYSES, FISH SPRINGS RANGE, UTAH--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
7BE5350A	39 51 2	113 26 52	1.00	.10	2.00	.020	150	N	N	N	70	100	1
7BE5350B	39 51 2	113 26 52	3.00	.20	3.00	.070	500	N	500	N	100	5,000	<1
7BE5351A	39 50 59	113 26 49	2.00	.10	.50	.020	200	N	N	N	50	100	<1
7BE5352	39 50 58	113 26 53	7.00	5.00	10.00	.020	>5,000	1.0	N	N	20	>5,000	<1
7BE5353A	39 50 47	113 25 30	7.00	1.00	.70	.700	2,000	N	N	N	500	700	1
7BE5353B	39 50 47	113 25 30	3.00	>10.00	>20.00	.070	700	N	N	N	20	50	<1
7AE5355A	39 54 19	113 25 53	2.00	2.00	>20.00	.005	1,000	N	500	N	30	70	7
7AE5355B	39 54 19	113 25 53	3.00	2.00	>20.00	.010	2,000	N	700	N	50	150	10
7AE5355C	39 54 19	113 25 53	3.00	7.00	>20.00	.100	300	N	200	N	200	1,000	10
7AE5356A	39 52 36	113 27 29	1.00	7.00	>20.00	.030	700	N	N	N	<10	70	N
7AE5356B	39 52 36	113 27 29	2.00	>10.00	>20.00	.070	2,000	N	N	N	10	300	<1
7BE5357	39 52 4	113 28 1	.20	10.00	>20.00	.010	1,000	N	N	N	N	50	<1
7BE5358A	39 51 55	113 27 55	N	>10.00	5.00	<.002	50	N	N	N	20	<20	<1
7BE5358B	39 51 55	113 27 55	N	>10.00	1.00	<.002	20	N	N	N	10	<20	<1
7BE5359A	39 51 56	113 27 54	N	>10.00	2.00	.002	50	N	N	N	30	20	<1
7BE5359B	39 51 56	113 27 54	<.05	10.00	>20.00	.002	200	N	N	N	<10	50	N
7BE5359C	39 51 56	113 27 54	N	>10.00	2.00	.002	50	N	N	N	20	<20	<1
7AE5360	39 53 29	113 24 55	.10	5.00	>20.00	.010	100	N	N	N	30	3,000	N
7BE5361	39 51 32	113 28 17	2.00	10.00	>20.00	.100	2,000	5.0	N	N	20	20	<1
7BE5362A	39 51 29	113 28 5	10.00	3.00	10.00	.020	1,500	700.0	>10,000	N	200	700	N
7BE5362B	39 51 29	113 28 5	20.00	1.00	5.00	.010	500	500.0	7,000	N	500	1,000	<1
7BE5363A	39 51 29	113 28 9	1.00	1.50	10.00	.010	300	7.0	N	N	20	200	2
7BE5363B	39 51 29	113 28 9	1.50	5.00	20.00	.010	500	10.0	N	N	10	300	1
7BE5364A	39 51 34	113 27 49	1.50	10.00	>20.00	.070	1,500	10.0	N	N	N	500	N
7BE5364B	39 51 34	113 27 49	2.00	1.50	2.00	.300	500	3.0	N	N	20	5,000	2
7BE5365A	39 51 35	113 27 51	2.00	1.00	.50	.200	200	2.0	N	N	20	5,000	2
7BE5365B	39 51 35	113 27 51	2.00	1.00	.50	.200	300	1.5	N	N	15	5,000	5
7BE5365C	39 51 35	113 27 51	.50	>10.00	>20.00	.005	1,500	2.0	N	N	N	<20	N
7BE5365D	39 51 35	113 27 51	2.00	1.00	.50	.300	200	3.0	N	N	10	3,000	3
7BE5366A	39 51 36	113 27 53	20.00	1.00	.50	.020	700	2.0	3,000	N	500	100	2
7BE5366B	39 51 36	113 27 53	>20.00	1.00	.50	.010	1,000	10.0	2,000	N	500	50	<1
7BE5367A	39 51 29	113 27 41	20.00	.50	5.00	.010	200	100.0	3,000	N	500	50	<1
7BE5367B	39 51 29	113 27 41	7.00	.50	.50	.150	700	50.0	200	N	20	3,000	<1
7BE5368	39 51 27	113 27 36	1.00	.70	1.50	.200	100	10.0	N	N	20	2,000	2
7BE5369A	39 51 25	113 27 26	3.00	1.50	2.00	.500	5,000	2.0	N	N	30	5,000	2
7BE5369B	39 51 25	113 27 26	7.00	10.00	20.00	.002	5,000	100.0	500	N	10	<20	N
7BE5369C	39 51 25	113 27 26	20.00	.30	.20	.005	300	70.0	>10,000	N	500	50	N
7BE5370A	39 51 24	113 27 19	20.00	2.00	5.00	.010	1,000	100.0	>10,000	N	300	50	<1
7BE5370B	39 51 24	113 27 19	10.00	5.00	10.00	.002	5,000	500.0	>10,000	N	100	<20	N
7AE5371	39 52 42	113 27 13	2.00	10.00	>20.00	.050	2,000	5.0	1,000	N	<100	200	1
7AE5373A	39 52 44	113 27 23	.50	>10.00	>20.00	.002	700	.7	N	N	N	50	<1
7AE5373B	39 52 44	113 27 23	.30	>10.00	>20.00	.005	500	N	<200	N	N	50	<1
7BE5374A	39 51 21	113 26 59	5.00	1.00	1.00	.500	1,000	N	N	N	30	5,000	3
7BE5374B	39 51 21	113 26 59	.20	10.00	>20.00	.010	5,000	N	N	N	20	100	N
7BE5375A	39 51 38	113 26 53	5.00	.50	5.00	1.000	1,000	<.5	N	N	100	500	<1

TABLE 10--RESULTS OF ANALYSES, FISH SPRINGS RANGE, UTAH--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
7BE5350A	N	N	<5	<10	5	N	N	N	10	10	N	N	N	N
7BE5350B	N	N	N	10	10	N	20	N	10	50	<100	N	N	<100
7BE5351A	N	N	<5	10	7	N	N	N	7	15	N	N	N	N
7BE5352	N	N	N	<10	10	N	100	N	10	100	<100	5	N	500
7BE5353A	N	N	10	20	15	N	10	30	20	70	100	7	N	N
7BE5353B	N	N	<5	<10	10	N	20	N	10	200	N	5	N	N
7AE5355A	N	N	N	<10	7	N	N	N	5	20	N	N	N	3,000
7AE5355B	N	N	N	N	<5	N	N	N	<5	20	N	N	N	3,000
7AE5355C	N	N	7	30	10	N	<5	N	15	50	N	10	N	>5,000
7AE5356A	N	N	N	10	5	N	N	N	5	20	N	N	N	700
7AE5356B	N	N	N	20	10	N	N	N	5	20	N	5	N	200
7BE5357	N	N	N	<10	5	N	N	N	<5	70	N	N	N	200
7BE5358A	N	N	N	<10	15	N	N	N	<5	<10	N	N	N	N
7BE5358B	N	N	N	<10	<5	N	N	N	5	<10	N	N	N	N
7BE5359A	N	N	N	<10	5	N	N	N	<5	<10	N	N	N	N
7BE5359B	N	N	N	<10	5	N	N	N	<5	10	N	N	N	100
7BE5359C	N	N	N	<10	10	N	N	N	5	<10	N	N	N	N
7AE5360	N	N	N	<10	5	N	N	N	N	15	N	N	N	>5,000
7BE5361	N	N	N	50	10	N	N	N	5	10	N	10	N	200
7BE5362A	100	300	10	<10	1,000	N	50	N	7	>20,000	5,000	5	500	700
7BE5362B	20	10	<5	N	200	N	300	N	5	7,000	1,000	<5	N	500
7BE5363A	N	N	<5	<10	20	N	20	N	5	100	N	N	N	100
7BE5363B	N	N	5	<10	20	N	50	N	7	100	100	<5	N	500
7BE5364A	N	20	10	10	50	N	20	N	N	20,000	<100	<5	N	100
7BE5364B	N	N	10	30	<5	100	10	70	5	500	N	10	N	200
7BE5365A	N	N	<5	20	<5	50	10	50	<5	200	N	7	N	200
7BE5365B	N	N	N	10	<5	20	10	50	5	200	N	7	N	150
7BE5365C	N	N	N	<10	30	N	<5	N	N	1,500	N	<5	N	<100
7BE5365D	N	N	5	10	7	200	5	50	<5	100	N	7	N	200
7BE5366A	<10	N	N	N	500	N	20	N	20	10,000	100	<5	N	N
7BE5366B	70	N	N	N	100	N	30	N	20	10,000	100	N	N	N
7BE5367A	N	N	N	N	2,000	N	10	N	7	>20,000	300	N	N	N
7BE5367B	N	N	5	10	100	N	15	20	7	>20,000	N	5	<10	100
7BE5368	N	N	N	N	5	50	5	20	<5	1,000	N	5	N	<100
7BE5369A	N	N	10	20	10	150	15	30	10	300	N	10	N	200
7BE5369B	N	>500	N	<10	150	N	20	N	10	20,000	<100	N	N	N
7BE5369C	N	<20	<5	<10	1,000	N	20	N	10	>20,000	700	N	10	N
7BE5370A	N	200	<5	N	1,000	N	10	N	10	20,000	200	N	N	N
7BE5370B	N	>500	<5	10	500	N	20	N	10	>20,000	2,000	N	20	N
7AE5371	N	N	5	20	10	N	N	N	10	1,000	N	7	N	200
7AE5373A	N	N	<5	<10	5	N	N	N	<5	150	N	N	N	100
7AE5373B	N	N	<5	N	<5	N	N	N	<5	150	N	N	N	150
7BE5374A	N	N	5	20	5	200	10	50	5	200	N	10	<10	100
7BE5374B	N	N	N	N	<5	N	N	N	N	100	N	N	N	N
7BE5375A	30	N	20	30	20	N	N	<20	20	100	N	<5	N	N

TABLE 10--RESULTS OF ANALYSES, FISH SPRINGS RANGE, UTAH--Continued

Sample	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	AS-PPM ICP	BI-PPM ICP	CD-PPM ICP	SB-PPM ICP	ZN-PPM ICP
7BE5350A	20	N	<10	<200	150	N	N	100.000	N	N	20.000	30.00
7BE5350B	30	N	<10	<200	150	N	N	200.000	N	.2	50.000	20.00
7BE5351A	15	N	<10	<200	50	N	N	110.000	N	N	12.000	N
7BE5352	200	N	<10	300	50	N	N	400.000	N	3.4	64.000	350.00
7BE5353A	100	N	20	200	500	N	N	120.000	N	.1	68.000	190.00
7BE5353B	20	N	<10	200	70	N	N	50.000	N	.5	30.000	350.00
7AE5355A	<10	N	N	N	20	N	N	400.000	N	N	8.000	10.00
7AE5355B	<10	N	N	N	10	N	N	700.000	N	N	34.000	35.00
7AE5355C	70	N	20	N	100	N	N	400.000	N	N	14.000	25.00
7AE5356A	10	N	10	N	70	N	N	N	N	N	2.000	10.00
7AE5356B	15	N	15	<200	150	N	N	N	N	N	N	5.00
7BE5357	20	N	10	<200	20	N	N	N	N	.4	4.000	40.00
7BE5358A	<10	N	<10	200	<10	N	N	N	N	N	N	5.00
7BE5358B	10	N	<10	200	10	N	N	N	N	N	N	N
7BE5359A	10	N	<10	200	10	N	N	N	N	N	2.000	N
7BE5359B	15	N	N	<200	<10	N	N	N	N	N	2.000	10.00
7BE5359C	10	N	10	<200	<10	N	N	N	N	N	N	<5.00
7AE5360	10	N	<10	N	50	N	N	N	N	N	2.000	<5.00
7BE5361	70	N	30	<200	70	N	N	150.000	N	.4	12.000	30.00
7BE5362A	200	N	<10	>10,000	N	N	2.55	>2,000.000	100	>100.0	>1,000.000	>2,000.00
7BE5362B	70	N	10	10,000	N	N	4.55	>2,000.000	37	85.0	540.000	>2,000.00
7BE5363A	50	N	10	200	<10	N	.05	90.000	2	.2	28.000	80.00
7BE5363B	100	N	10	200	10	N	.15	90.000	2	<.1	48.000	40.00
7BE5364A	100	N	10	500	100	N	N	30.000	N	20.0	38.000	450.00
7BE5364B	100	N	50	<200	500	N	N	N	N	.1	2.000	150.00
7BE5365A	70	N	30	<200	200	N	N	50.000	N	.4	4.000	25.00
7BE5365B	70	N	30	<200	300	N	N	190.000	N	.5	4.000	30.00
7BE5365C	100	N	10	<200	N	N	N	N	N	3.8	26.000	250.00
7BE5365D	70	N	50	<200	300	N	N	170.000	N	.1	14.000	80.00
7BE5366A	50	N	20	7,000	N	N	.15	>2,000.000	22	7.4	90.000	>2,000.00
7BE5366B	70	N	15	5,000	N	N	.15	1,100.000	90	4.7	58.000	>2,000.00
7BE5367A	100	N	10	10,000	N	N	.20	>2,000.000	N	50.0	280.000	>2,000.00
7BE5367B	20	N	20	2,000	200	N	N	300.000	N	4.4	8.000	750.00
7BE5368	20	N	20	N	200	N	N	40.000	1	.3	4.000	80.00
7BE5369A	500	N	70	200	500	N	N	80.000	1	1.0	6.000	150.00
7BE5369B	500	N	10	>10,000	N	N	N	400.000	N	>100.0	52.000	>2,000.00
7BE5369C	3,000	N	10	>10,000	N	N	N	>2,000.000	N	31.0	520.000	>2,000.00
7BE5370A	5,000	N	50	>10,000	<10	N	.05	>2,000.000	N	>100.0	120.000	>2,000.00
7BE5370B	1,000	N	50	>10,000	N	N	2.00	>2,000.000	N	>100.0	600.000	>2,000.00
7AE5371	300	N	10	1,000	70	N	N	30.000	N	3.1	8.000	350.00
7AE5373A	100	N	<10	N	10	N	N	N	N	.2	4.000	30.00
7AE5373B	100	N	<10	N	<10	N	N	N	N	.4	2.000	40.00
7BE5374A	100	N	100	<200	300	N	N	30.000	N	N	N	40.00
7BE5374B	10	N	N	<200	N	N	N	10.000	N	N	N	10.00
7BE5375A	1,500	<50	<10	<200	100	N	N	40.000	26	N	50.000	25.00

TABLE 10--RESULTS OF ANALYSES, FISH SPRINGS RANGE, UTAH--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
7BE5375B	39 51 38	113 26 53	.20	>10.00	>20.00	.010	500	N	N	N	20	50	N
7BE5376	39 51 41	113 26 52	5.00	5.00	20.00	.500	500	N	N	N	50	700	1
7BE5377A	39 51 40	113 26 37	.20	>10.00	>20.00	.030	300	N	N	N	<10	100	N
7BE5377B	39 51 40	113 26 37	10.00	3.00	10.00	1.000	700	N	N	N	50	5,000	2
7BE5377C	39 51 40	113 26 37	7.00	3.00	7.00	1.000	700	N	N	N	20	5,000	1
7BE5378A	39 51 26	113 26 45	2.00	2.00	2.00	.020	3,000	2.0	N	N	50	150	10
7BE5378B	39 51 26	113 26 45	2.00	3.00	2.00	.015	3,000	1.0	N	N	50	150	10
7BE5380A	39 51 5	113 27 10	>20.00	.50	.50	.200	100	100.0	500	N	500	100	<1
7BE5380B	39 51 5	113 27 10	7.00	1.00	20.00	.150	1,000	20.0	N	N	100	100	1
7BE5380C	39 51 5	113 27 10	20.00	1.00	2.00	.200	200	100.0	2,000	N	500	200	2
7BE5381	39 51 46	113 27 32	.50	10.00	>20.00	.020	1,500	2.0	N	N	10	100	N
7BE5383	39 51 56	113 27 39	3.00	5.00	>20.00	.005	>5,000	150.0	1,000	N	70	5,000	N
7AE5384A	39 53 1	113 24 53	15.00	10.00	>20.00	.020	500	N	N	N	200	70	N
7AE5384B	39 53 1	113 24 53	10.00	10.00	>20.00	.020	700	<.5	N	N	100	70	N
7BE5385B	39 49 57	113 28 47	15.00	1.00	.10	.100	700	100.0	1,500	N	500	100	3
7BE5385C	39 49 57	113 28 47	.50	>10.00	>20.00	.020	2,000	5.0	N	N	<10	20	N
7BE5385D	39 49 57	113 28 47	2.00	3.00	20.00	.100	3,000	10.0	200	N	100	100	N
7BE5385E	39 49 57	113 28 47	1.00	.50	.50	.100	500	20.0	N	N	100	150	<1
7BE5385F	39 49 57	113 28 47	15.00	.50	.50	.050	500	1,000.0	2,000	N	500	200	N
7BE5385G	39 49 57	113 28 47	1.00	.20	.20	.050	1,000	500.0	<200	N	20	100	N
7BE5385H	39 49 57	113 28 47	5.00	.30	2.00	.050	500	1,000.0	2,000	N	50	500	<1
7BE5386A	39 50 8	113 28 34	1.50	.20	1.00	.050	300	100.0	3,000	N	50	200	<1
7BE5386B	39 50 8	113 28 34	5.00	.30	1.00	.050	300	200.0	300	N	70	200	N
7BE5386C	39 50 8	113 28 34	.20	>10.00	>20.00	.005	2,000	10.0	N	N	<10	150	N
7BE5387A	39 49 57	113 28 52	5.00	1.00	1.00	.050	500	5.0	N	N	70	100	N
7BE5387B	39 49 57	113 28 52	1.00	.20	.20	.100	300	50.0	N	N	50	100	N
7BE5387C	39 49 57	113 28 52	1.00	.30	.30	.050	300	100.0	N	N	50	70	N
7BE5387D	39 49 57	113 28 52	3.00	.20	.30	.050	1,000	700.0	N	N	70	100	N
7BE5387E	39 49 57	113 28 52	5.00	>10.00	>20.00	.020	>5,000	70.0	N	N	20	500	N
7BE5387F	39 49 57	113 28 52	7.00	>10.00	>20.00	.010	>5,000	100.0	N	N	20	200	<1
7BE5388A	39 48 42	113 26 17	7.00	5.00	7.00	.700	2,000	1.5	N	N	20	5,000	2
7BE5388B	39 48 42	113 26 17	7.00	7.00	10.00	1.000	2,000	1.0	N	N	50	5,000	2
7BE5388C	39 48 42	113 26 17	1.50	1.50	>20.00	.050	3,000	.5	N	N	20	200	N
7BE5388D	39 48 42	113 26 17	5.00	2.00	>20.00	.100	3,000	5.0	N	N	100	1,000	N
7BE5388E	39 48 42	113 26 17	7.00	7.00	>20.00	.050	1,500	<.5	N	N	100	200	<1
86RY119	39 37 50	113 24 50	2.00	.30	1.00	.100	150	N	N	N	100	100	3
86RY120	39 39 49	113 27 31	>20.00	.20	.30	.050	100	N	200	N	200	300	N
86RY121	39 40 17	113 27 55	7.00	.20	5.00	.200	150	N	1,000	N	100	200	2

TABLE 10--RESULTS OF ANALYSES, FISH SPRINGS RANGE, UTAH--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
7BE5375B	N	N	N	N	<5	N	N	N	N	10	N	N	N	N
7BE5376	N	N	10	70	10	<20	N	N	30	20	N	15	N	N
7BE5377A	N	N	N	N	<5	N	N	N	N	<10	N	N	N	500
7BE5377B	N	N	30	150	30	200	N	30	70	100	N	50	N	2,000
7BE5377C	N	N	20	150	20	100	N	20	5	100	N	20	N	1,000
7BE5378A	N	N	N	N	<5	N	N	200	<5	150	N	10	500	N
7BE5378B	N	N	N	<10	<5	N	N	200	<5	100	N	15	500	N
7BE5380A	N	20	N	N	100	N	50	N	<5	>20,000	>10,000	<5	N	N
7BE5380B	N	N	N	N	50	N	30	N	<5	7,000	200	<5	N	N
7BE5380C	N	100	N	N	70	N	20	N	5	>20,000	>10,000	5	N	N
7BE5381	N	N	N	N	<5	N	N	N	<5	1,000	N	N	N	100
7BE5383	N	500	N	<10	20	N	10	N	10	>20,000	100	20	200	N
7AE5384A	N	N	N	N	10	N	20	N	20	7,000	N	N	N	N
7AE5384B	N	N	N	<10	10	N	5	N	20	500	N	<5	N	N
7BE5385B	N	N	<5	20	150	N	100	N	20	>20,000	1,000	7	N	N
7BE5385C	N	N	N	N	<5	N	N	N	<5	2,000	N	N	N	N
7BE5385D	N	N	N	<10	10	N	10	N	<5	10,000	N	<5	N	N
7BE5385E	N	N	N	<10	10	N	30	N	15	10,000	N	N	N	N
7BE5385F	N	N	N	<10	100	N	20	N	10	>20,000	500	N	N	500
7BE5385G	N	N	N	N	20	N	5	N	<5	>20,000	<100	<5	N	500
7BE5385H	N	N	N	N	70	N	20	N	10	>20,000	200	<5	N	500
7BE5386A	N	N	N	N	20	N	N	N	<5	>20,000	200	<5	N	N
7BE5386B	N	N	N	N	20	N	100	N	5	>20,000	100	<5	N	N
7BE5386C	N	N	<5	N	15	N	10	N	5	5,000	N	N	N	N
7BE5387A	N	N	N	N	10	N	N	N	<5	2,000	N	5	N	N
7BE5387B	N	N	N	N	10	N	N	N	<5	>20,000	N	5	N	N
7BE5387C	N	N	N	N	20	N	N	N	<5	>20,000	N	N	N	N
7BE5387D	N	N	N	N	50	N	N	N	<5	>20,000	N	N	N	N
7BE5387E	N	20	N	N	5	N	10	N	15	10,000	N	<5	N	100
7BE5387F	N	500	N	N	20	<20	15	N	20	15,000	N	N	N	N
7BE5388A	N	N	20	100	10	100	N	<20	30	500	N	20	N	2,000
7BE5388B	N	N	20	150	10	70	N	20	50	300	N	30	N	2,000
7BE5388C	N	N	10	10	5	N	<5	N	<5	300	N	5	N	500
7BE5388D	N	N	7	30	10	<20	N	N	20	200	N	7	N	500
7BE5388E	N	N	5	20	15	N	10	N	20	200	N	5	N	<100
86RY119	N	N	5	20	20	N	N	N	5	20	N	5	N	100
86RY120	N	N	7	50	15	N	N	N	20	10	N	N	N	200
86RY121	N	N	N	50	5	N	10	<20	<5	10	<100	<5	N	200

TABLE 10--RESULTS OF ANALYSES, FISH SPRINGS RANGE, UTAH--Continued

Sample	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	AS-PPM ICP	BI-PPM ICP	CD-PPM ICP	SB-PPM ICP	ZN-PPM ICP
7BE5375B	10	N	N	<200	N	N	N	<10.000	N	N	N	<5.00
7BE5376	200	N	20	200	150	N	N	90.000	N	N	6.000	40.00
7BE5377A	20	N	N	N	10	N	N	20.000	N	N	N	5.00
7BE5377B	200	N	100	<200	500	N	N	10.000	N	N	N	45.00
7BE5377C	200	N	50	<200	300	N	N	10.000	N	N	N	50.00
7BE5378A	10	N	100	<200	70	N	N	<10.000	N	.1	N	75.00
7BE5378B	<10	N	70	<200	70	N	N	10.000	N	N	N	65.00
7BE5380A	50	N	<10	2,000	200	N	N	550.000	N	13.0	>1,000.000	>2,000.00
7BE5380B	30	N	<10	1,000	70	N	N	110.000	N	5.5	110.000	400.00
7BE5380C	50	N	10	5,000	70	N	N	1,400.000	N	69.0	>1,000.000	>2,000.00
7BE5381	<10	N	<10	N	<10	N	N	40.000	N	.2	12.000	20.00
7BE5383	>10,000	<50	20	>10,000	N	700	.10	1,400.000	N	90.0	18.000	>2,000.00
7AE5384A	500	N	N	200	50	N	N	160.000	N	.2	24.000	50.00
7AE5384B	100	N	N	N	<10	N	N	120.000	N	.1	10.000	25.00
7BE5385B	2,000	N	20	2,000	1,000	N	.35	1,300.000	N	2.1	480.000	>2,000.00
7BE5385C	50	N	N	N	<10	N	N	10.000	N	.8	2.000	65.00
7BE5385D	200	N	N	<200	700	N	<.05	280.000	N	.9	14.000	190.00
7BE5385E	50	N	<10	N	1,000	N	N	80.000	N	.4	10.000	90.00
7BE5385F	50	N	N	1,500	200	N	.20	950.000	N	15.0	340.000	1,100.00
7BE5385G	20	N	N	N	200	N	N	250.000	N	.8	58.000	120.00
7BE5385H	20	N	N	200	100	N	N	900.000	N	2.9	180.000	380.00
7BE5386A	100	N	N	N	200	N	<.05	1,200.000	N	.7	70.000	70.00
7BE5386B	50	N	<10	200	300	N	<.05	410.000	N	.8	80.000	360.00
7BE5386C	10	N	N	N	N	N	N	20.000	N	1.7	6.000	70.00
7BE5387A	20	N	N	<200	200	N	N	40.000	N	.7	2.000	210.00
7BE5387B	50	N	<10	<200	200	N	N	80.000	N	.1	14.000	75.00
7BE5387C	20	N	N	<200	200	N	N	80.000	N	.7	32.000	230.00
7BE5387D	20	N	N	<200	150	N	N	160.000	N	.7	92.000	120.00
7BE5387E	15	N	N	1,000	20	N	N	140.000	N	37.0	10.000	>2,000.00
7BE5387F	50	N	<10	>10,000	<10	N	<.05	100.000	N	>100.0	4.000	>2,000.00
7BE5388A	100	N	50	200	300	N	N	10.000	N	.7	N	90.00
7BE5388B	200	N	50	N	500	N	N	10.000	N	.5	N	60.00
7BE5388C	20	N	50	<200	200	N	N	140.000	N	.1	N	20.00
7BE5388D	30	N	70	N	300	N	N	10.000	N	N	N	10.00
7BE5388E	50	N	20	N	100	N	N	100.000	N	.1	20.000	60.00
86RY119	30	N	15	N	200	N	N	10.000	N	.2	N	--
86RY120	200	N	<10	700	50	N	N	250.000	N	.6	2.000	--
86RY121	50	N	20	<200	500	N	N	540.000	N	.2	28.000	--

TABLE 11--RESULTS OF ANALYSES, GOLD HILL MINING DISTRICT, UTAH

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

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s
6XX5153	40 9 14	113 49 39	>20.00	.15	2.00	.020	200	100.0	>10,000	N
6XX5154A	40 9 27	113 48 12	>20.00	.05	.05	.002	300	5.0	>10,000	N
6XX5154B	40 9 27	113 48 12	10.00	.05	1.00	.010	3,000	150.0	>10,000	N
6XX5154C	40 9 27	113 48 12	20.00	.10	.50	.020	>5,000	20.0	>10,000	N
8XX5592A	40 6 16	113 54 13	3.00	1.00	3.00	.200	1,500	70.0	300	N
8XX5592B	40 6 16	113 54 13	3.00	1.50	10.00	.100	2,000	150.0	1,500	N
8XX5593A	40 5 54	113 54 17	5.00	2.00	.50	.200	500	N	N	N
8XX5593B	40 5 54	113 54 17	.70	7.00	20.00	.100	1,000	15.0	N	N
8XX5594A	40 3 2	113 49 42	.20	.10	.20	.070	1,500	N	N	N
8XX5594B	40 3 2	113 49 42	.30	.05	.10	.070	1,500	N	N	N
8XX5595A	40 2 58	113 49 28	.20	.03	.10	.030	200	N	N	N
8XX5595B	40 2 58	113 49 28	.15	.03	.20	.020	200	N	N	N
8XX5596A	40 2 52	113 49 56	.20	.03	.15	.050	300	N	N	N
8XX5596B	40 2 52	113 49 56	.20	.30	1.50	.020	150	N	N	N
8XX5597A	40 3 34	113 49 6	>20.00	.07	.07	.030	70	N	>10,000	N
8XX5597B	40 3 34	113 49 6	5.00	.07	5.00	.050	70	N	700	N
8XX5598A	40 4 8	113 48 24	1.50	1.00	.50	.200	200	N	N	N
8XX5598B	40 4 8	113 48 24	3.00	.70	7.00	.150	1,000	N	N	N
8XX5598C	40 4 8	113 48 24	10.00	.70	10.00	.150	1,000	N	N	N
8XX5598E	40 4 8	113 48 24	1.00	1.50	2.00	.150	700	N	<200	N
8XX5599A	40 4 32	113 48 18	1.00	2.00	20.00	.100	1,000	20.0	1,000	N
8XX5600A	40 4 24	113 48 21	2.00	2.00	5.00	.200	300	N	N	N
8XX5600B	40 4 24	113 48 21	1.00	2.00	20.00	.150	700	15.0	N	10
8XX5601A	40 4 20	113 48 21	2.00	3.00	3.00	.150	300	N	N	N
8XX5602A	40 4 19	113 48 21	3.00	1.00	1.50	.100	500	2.0	500	N
8XX5603A	40 4 14	113 48 22	3.00	.30	.50	.200	200	1.0	500	N
8XX5604A	40 4 9	113 48 35	3.00	.50	2.00	.050	5,000	30.0	>10,000	N
8XX5605A	40 4 11	113 48 50	10.00	.20	2.00	.050	200	100.0	1,500	N
8XX5606A	40 4 23	113 48 52	20.00	<.02	<.05	.010	20	200.0	>10,000	N
8XX5606B	40 4 23	113 48 52	3.00	.50	.07	.200	500	1.5	300	N
8XX5607A	40 4 25	113 49 15	15.00	<.02	<.05	.005	30	200.0	>10,000	N
8XX5607B	40 4 25	113 49 15	.70	.02	<.05	.010	1,000	N	<200	N
8XX5608A	40 4 56	113 49 32	.20	.10	>20.00	.010	50	N	N	N
8XX5609A	40 4 44	113 49 41	2.00	2.00	3.00	.500	30	N	N	N
8XX5609B	40 4 44	113 49 41	.15	.70	20.00	.020	20	N	N	N
8XX5610A	40 7 2	113 49 35	7.00	2.00	.10	.150	500	7.0	N	N
8XX5610B	40 7 2	113 49 35	2.00	1.50	.05	.300	100	<.5	N	N
8XX5610C	40 7 2	113 49 35	5.00	.10	.07	.010	>5,000	50.0	1,500	N
8XX5610D	40 7 2	113 49 35	10.00	.70	.20	.005	200	70.0	N	N
8XX5610E	40 7 2	113 49 35	5.00	.50	.05	.002	50	20.0	N	N
8XX5610F	40 7 2	113 49 35	1.00	.20	.50	.500	150	<.5	N	N
8XX5610G	40 7 2	113 49 35	10.00	2.00	.10	.100	300	<.5	N	N
8XX5610H	40 7 2	113 49 35	.70	.10	5.00	.100	1,500	<.5	N	N
8XX5610I	40 7 2	113 49 35	5.00	.02	.05	.005	>5,000	30.0	300	N
8XX5610J	40 7 2	113 49 35	10.00	5.00	2.00	.020	1,000	3.0	N	N

TABLE 11--RESULTS OF ANALYSES, GOLD HILL MINING DISTRICT, UTAH--Continued

Sample	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s
6XX5153	<10	50	N	200	<20	30	10	10,000	<20	100	N	20
6XX5154A	10	200	2.0	N	100	N	10	>20,000	N	30	N	30
6XX5154B	20	50	1.0	>1,000	100	15	50	7,000	N	20	N	50
6XX5154C	<10	2,000	N	N	150	7	15	200	N	70	N	30
8XX5592A	200	500	N	N	150	200	200	300	<50	5	N	70
8XX5592B	200	200	3.0	N	150	50	50	50	50	N	N	15
8XX5593A	30	2,000	N	N	N	70	70	20	<50	N	<20	30
8XX5593B	150	1,000	N	20	N	70	70	200	N	N	N	10
8XX5594A	50	3,000	N	N	N	15	15	5	N	N	N	50
8XX5594B	50	500	N	N	N	20	20	5	N	N	N	50
8XX5595A	20	100	N	N	N	20	20	<5	N	N	N	10
8XX5595B	20	300	N	N	N	20	20	<5	N	N	N	7
8XX5596A	30	200	N	N	N	20	20	<5	N	N	N	10
8XX5596B	15	70	N	N	N	<10	<10	<5	N	N	N	7
8XX5597A	<10	200	N	N	N	10	10	30	N	15	N	30
8XX5597B	20	150	N	N	N	50	50	10	N	7	N	30
8XX5598A	15	300	1.5	N	N	<10	20	7	<50	N	N	15
8XX5598B	<10	50	N	N	N	<10	10	10	<50	N	N	10
8XX5598C	N	20	N	<10	N	<10	<10	100	N	N	N	15
8XX5598E	150	1,000	2.0	1,000	N	50	50	70	100	30	N	70
8XX5599A	20	300	<1.0	70	N	<10	100	2,000	<50	<5	N	50
8XX5600A	10	300	1.0	N	N	<10	100	50	<50	5	N	30
8XX5600B	50	500	2.0	>1,000	N	N	100	100	200	10	N	15
8XX5601A	20	500	1.0	N	N	10	150	10	<50	N	N	50
8XX5602A	20	200	3.0	100	N	20	50	50	50	N	N	50
8XX5603A	500	300	5.0	70	N	20	70	20	<50	7	N	50
8XX5604A	100	3,000	2.0	200	N	30	70	7,000	100	20	N	30
8XX5605A	70	200	2.0	30	N	300	50	>20,000	N	N	N	1,500
8XX5606A	N	150	N	50	500	30	N	1,500	<50	100	N	50
8XX5606B	100	300	3.0	N	N	10	70	100	70	10	<20	20
8XX5607A	<10	50	2.0	150	N	500	N	1,000	N	50	N	70
8XX5607B	20	50	10.0	N	N	N	N	50	N	5	70	<5
8XX5608A	N	<20	N	N	N	N	20	5	N	N	N	<5
8XX5609A	30	1,000	<1.0	N	N	<10	100	10	<50	N	N	20
8XX5609B	50	50	N	N	N	N	15	5	N	N	N	<5
8XX5610A	50	700	5.0	N	N	30	20	20,000	50	20	<20	50
8XX5610B	>2,000	100	5.0	N	N	<10	20	2,000	N	N	20	20
8XX5610C	50	150	N	30	50	100	30	3,000	<50	20	N	10
8XX5610D	500	200	7.0	N	N	100	15	>20,000	N	500	N	200
8XX5610E	2,000	200	5.0	N	N	30	<10	2,000	N	1,000	N	30
8XX5610F	700	20	<1.0	N	N	<10	50	100	<50	15	50	7
8XX5610G	>2,000	20	1.0	N	N	30	<10	1,000	N	10	N	50
8XX5610H	30	500	N	N	N	<10	70	30	<50	10	N	10
8XX5610I	10	20	N	50	N	10	20	3,000	N	N	N	<5
8XX5610J	50	300	5.0	N	N	50	15	2,000	500	<5	N	70

TABLE 11--RESULTS OF ANALYSES, GOLD HILL MINING DISTRICT, UTAH--Continued

Sample	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa
6XX5153	10,000	>10,000	N	500	N	10	N	N	1,000	N	N	1.50
6XX5154A	100	2,000	N	N	N	100	N	20	5,000	N	N	<.10
6XX5154B	20,000	>10,000	N	100	N	15	N	10	>10,000	N	N	<.10
6XX5154C	30	500	N	200	N	15	N	15	>10,000	N	N	<.10
8XX5592A	5,000	700	7	20	<100	150	N	20	5,000	50	N	<.05
8XX5592B	20,000	700	5	20	<100	20	N	15	7,000	30	N	<.05
8XX5593A	150	N	7	N	200	100	N	20	N	150	N	<.05
8XX5593B	300	N	N	<10	N	50	N	10	N	150	N	<.05
8XX5594A	10	N	N	N	N	15	N	N	N	100	N	<.05
8XX5594B	<10	N	N	N	N	20	N	<10	N	100	N	<.05
8XX5595A	<10	N	N	N	N	20	N	N	N	20	N	<.05
8XX5595B	<10	N	N	N	N	15	N	N	N	20	N	<.05
8XX5596A	<10	N	N	N	N	15	N	N	N	30	N	<.05
8XX5596B	N	N	N	N	N	15	N	N	N	20	N	<.05
8XX5597A	<10	3,000	N	N	N	300	N	N	300	<10	N	1.00
8XX5597B	N	500	N	N	N	50	N	N	N	100	N	<.05
8XX5598A	30	N	N	N	N	70	N	<10	N	50	N	.05
8XX5598B	10	N	N	50	N	50	N	15	N	100	N	<.05
8XX5598C	20	N	N	100	N	200	N	20	<200	30	N	.10
8XX5598E	200	N	<5	N	N	100	N	20	300	150	N	.50
8XX5599A	20	300	5	N	N	70	N	15	N	50	N	<.05
8XX5600A	30	<100	10	N	N	100	N	30	N	200	N	<.05
8XX5600B	150	100	5	10	N	50	N	30	N	50	N	9.00
8XX5601A	50	N	10	N	N	100	N	20	N	150	N	<.05
8XX5602A	15	N	5	15	N	100	N	20	N	150	N	2.50
8XX5603A	50	N	5	N	N	100	N	20	N	150	N	.40
8XX5604A	2,000	500	<5	<10	N	100	N	30	1,000	20	N	.20
8XX5605A	20	300	N	50	N	100	N	20	1,500	20	N	.40
8XX5606A	7,000	700	N	20	N	<10	N	N	>10,000	N	N	.15
8XX5606B	200	N	5	N	N	150	N	15	1,000	150	N	<.05
8XX5607A	2,000	300	N	<10	N	<10	N	10	1,500	<10	N	.50
8XX5607B	100	N	N	30	N	<10	N	30	N	100	N	<.05
8XX5608A	15	N	N	N	N	15	N	N	N	20	N	<.05
8XX5609A	100	N	10	N	N	100	N	15	N	200	N	<.05
8XX5609B	<10	N	N	N	N	10	N	N	N	30	N	<.05
8XX5610A	100	N	N	30	N	100	200	10	N	100	N	.40
8XX5610B	30	N	N	50	N	100	30	N	N	150	N	.30
8XX5610C	5,000	<100	N	30	N	50	N	15	7,000	<10	N	.20
8XX5610D	200	N	10	10	N	100	2,000	N	700	N	N	2.80
8XX5610E	20	N	N	N	N	15	500	N	N	N	N	.50
8XX5610F	10	N	N	20	N	150	N	20	N	200	N	<.05
8XX5610G	15	N	<5	200	200	500	N	N	N	<10	N	<.05
8XX5610H	20	N	N	N	N	15	N	<10	300	30	N	.10
8XX5610I	5,000	500	N	15	N	15	N	N	7,000	N	N	<.05
8XX5610J	30	N	<5	10	N	100	N	N	N	10	N	.20

TABLE 11--RESULTS OF ANALYSES, GOLD HILL MINING DISTRICT, UTAH--Continued

Sample	AS-PPM ICP	BI-PPM ICP	CD-PPM ICP	SB-PPM ICP	ZN-PPM ICP	Na-pct. s	P-pct. s	Ga-ppm s	Ge-ppm s	HG-PPM CV	F% ISE
6XX5153	40,000	470	7.6	12,000.000	430.000	--	--	--	--	--	--
6XX5154A	15,000	<2	80.0	750.000	4,500.000	--	--	--	--	--	--
6XX5154B	50,000	0	62.0	4,100.000	15,000.000	--	--	--	--	--	--
6XX5154C	25,000	<2	120.0	410.000	40,000.000	--	--	--	--	--	--
8XX5592A	1,100	<2	110.0	740.000	8,900.000	N	1.5	20	N	1.20	.09
8XX5592B	2,800	<2	120.0	790.000	10,000.000	N	.2	10	N	.0	.12
8XX5593A	21	<2	.5	9.000	84.000	1.0	.2	30	N	<.02	.08
8XX5593B	130	13	1.3	63.000	70.000	N	<.2	5	N	<.20	.09
8XX5594A	11	<2	.8	6.000	49.000	N	<.2	<5	N	.42	<.01
8XX5594B	17	<2	.7	5.000	54.000	N	<.2	<5	N	.34	.01
8XX5595A	12	<2	.3	4.000	29.000	N	<.2	<5	N	.56	<.01
8XX5595B	5	<2	.2	3.000	17.000	N	<.2	<5	N	.68	<.01
8XX5596A	7	<2	.1	4.000	18.000	N	<.2	<5	N	.56	<.01
8XX5596B	6	<2	.2	3.000	15.000	N	<.2	<5	N	.44	<.01
8XX5597A	7,600	<2	3.6	2,600.000	190.000	N	N	15	N	21.20	<.01
8XX5597B	890	<2	1.0	770.000	59.000	N	<.2	<5	N	7.20	<.01
8XX5598A	6	<2	.2	22.000	22.000	3.0	.2	20	N	<.02	.03
8XX5598B	11	6	1.1	7.000	44.000	<.2	N	15	N	.0	<.01
8XX5598C	9	10	1.0	4.000	46.000	N	N	20	N	.04	.02
8XX5598E	240	580	.6	20.000	150.000	1.5	.2	15	N	.02	.06
8XX5599A	1,300	38	.9	240.000	100.000	.5	N	15	N	<.20	.04
8XX5600A	26	<2	.5	3.000	47.000	1.5	<.2	20	N	<.02	.16
8XX5600B	47	1,100	.3	39.000	57.000	<.2	<.2	20	N	<.20	.71
8XX5601A	8	4	.5	3.000	21.000	<.2	.2	20	N	<.02	.04
8XX5602A	540	120	.9	5.000	65.000	N	.2	10	N	<.20	.02
8XX5603A	450	31	.6	9.000	85.000	.7	.2	15	N	<.20	.15
8XX5604A	>20,000	210	13.0	260.000	1,200.000	.7	N	10	N	.0	.06
8XX5605A	2,300	61	7.2	170.000	1,800.000	N	N	10	N	.60	.01
8XX5606A	5,900	81	290.0	380.000	27,000.000	N	N	15	N	.0	<.01
8XX5606B	1,300	2	2.7	14.000	770.000	N	.2	15	N	<.20	.10
8XX5607A	>20,000	220	6.1	160.000	1,200.000	N	N	10	N	.0	<.01
8XX5607B	510	6	.5	4.000	57.000	N	<.2	20	N	.12	.07
8XX5608A	140	<2	.6	3.000	28.000	N	N	N	N	<.02	<.01
8XX5609A	63	<2	.1	<2.000	12.000	1.5	<.2	20	N	.02	.07
8XX5609B	45	<2	.1	<2.000	3.000	N	<.2	<5	N	<.02	.02
8XX5610A	180	5	.4	3.000	150.000	1.5	N	20	N	.02	.04
8XX5610B	<5	<2	.1	<2.000	32.000	3.0	<.2	30	N	.02	.01
8XX5610C	1,900	39	75.0	84.000	7,300.000	N	N	15	N	.40	.01
8XX5610D	140	7	2.8	<2.000	640.000	1.5	N	15	N	N	.01
8XX5610E	93	<2	1.7	3.000	150.000	3.0	<.2	20	N	N	<.01
8XX5610F	190	<2	.3	11.000	17.000	N	.3	<5	N	N	.01
8XX5610G	12	<2	.4	3.000	48.000	1.0	N	30	N	N	.03
8XX5610H	21	5	2.1	4.000	290.000	N	1.0	<5	N	.06	.13
8XX5610I	460	82	68.0	640.000	7,400.000	N	N	15	N	.80	<.01
8XX5610J	13	<2	2.6	9.000	110.000	<.2	N	20	N	N	.01

TABLE 11--RESULTS OF ANALYSES, GOLD HILL MINING DISTRICT, UTAH--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
8XX5611A	40 4 23	113 50 3	1.00	.02	<.05	.020	20	<.5	700	N
8XX5612A	40 4 17	113 49 52	3.00	.50	.50	.300	200	N	1,500	N
8XX5613A	40 4 33	113 50 11	20.00	.30	1.50	.010	50	N	2,000	N
8XX5613B	40 4 33	113 50 11	20.00	.30	3.00	.007	70	N	2,000	N
8XX5614A	40 4 27	113 50 13	5.00	.50	2.00	.050	100	1.0	700	N
8XX5614B	40 4 27	113 50 13	3.00	3.00	1.00	.300	300	N	N	N
8XX5615A	40 4 38	113 50 21	20.00	.05	.05	.010	300	200.0	10,000	N
8XX5616A	40 4 37	113 50 25	.70	<.02	<.05	.010	70	30.0	N	N
8XX5616B	40 4 37	113 50 25	10.00	.10	1.50	.010	150	3.0	7,000	N
8XX5616C	40 4 37	113 50 25	2.00	.10	1.50	.200	700	N	200	N
8XX5617A	40 4 29	113 50 26	10.00	1.00	1.00	.010	3,000	10.0	N	N
8XX5617B	40 4 29	113 50 26	5.00	2.00	2.00	.050	2,000	2.0	N	N
8XX5617C	40 4 29	113 50 26	3.00	3.00	3.00	.150	1,500	20.0	N	N
8XX5618A	40 5 31	113 49 5	10.00	.20	.20	.015	500	200.0	700	N
8XX5618B	40 5 31	113 49 5	10.00	.10	.10	.010	200	70.0	2,000	N
8XX5619A	40 5 38	113 48 50	7.00	.15	.15	.010	>5,000	50.0	5,000	N
8XX5619B	40 5 38	113 48 50	20.00	.15	.10	.010	1,500	3.0	2,000	N
8XX5620A	40 5 24	113 47 38	7.00	2.00	1.00	.050	500	50.0	1,500	N
8XX5620B	40 5 24	113 47 38	7.00	.02	<.05	.050	20	100.0	>10,000	N
8XX5620C	40 5 24	113 47 38	5.00	.70	.05	.200	300	7.0	N	N
8XX5620D	40 5 24	113 47 38	5.00	5.00	.50	.500	200	N	N	N
8XX5621A	40 6 21	113 47 53	10.00	.15	1.50	.007	500	70.0	2,000	N
8XX5621B	40 6 21	113 47 53	3.00	.03	.05	.010	70	100.0	5,000	N
8XX5622A	40 5 56	113 48 59	2.00	7.00	20.00	.070	1,000	N	N	N
8XX5622B	40 5 56	113 48 59	3.00	2.00	1.00	.300	700	N	N	N
8XX5623A	40 6 18	113 48 56	5.00	.10	<.05	.100	>5,000	50.0	1,500	N
8XX5623B	40 6 18	113 48 56	7.00	.05	.10	.020	>5,000	50.0	7,000	N
8XX5624A	40 6 17	113 48 59	15.00	.05	.15	.030	300	150.0	>10,000	N
8XX5625A	40 6 46	113 48 16	5.00	.70	.07	.500	500	3.0	500	N
8XX5626A	40 6 57	113 49 15	.50	.50	.30	<.002	100	N	N	N
8XX5626B	40 6 57	113 49 15	.50	.15	.20	<.002	200	N	N	N
8XX5627A	40 14 41	113 50 7	>20.00	1.50	.30	.002	20	7.0	500	N
8XX5627B	40 14 41	113 50 7	>20.00	.03	<.05	.030	10	50.0	500	N
8XX5628A	40 14 39	113 50 20	>20.00	.20	1.00	.050	300	150.0	700	N
8XX5629A	40 14 38	113 50 22	.50	10.00	20.00	.005	100	N	N	N
8XX5629B	40 14 38	113 50 22	20.00	.30	2.00	.010	500	70.0	500	N
8XX5629C	40 14 38	113 50 22	.70	10.00	>20.00	.015	200	N	N	N
8XX5630A	40 14 46	113 49 41	20.00	3.00	1.50	.005	50	7.0	200	N
8XX5630B	40 14 46	113 49 41	>20.00	.15	.05	.005	20	.5	300	N
8XX5631A	40 14 33	113 50 41	2.00	.10	<.05	.200	150	N	N	N
8XX5631B	40 14 33	113 50 41	3.00	.20	.05	.300	300	N	N	N
8XX5632A	40 14 34	113 50 52	1.50	.15	.15	.100	150	N	N	N
8XX5632B	40 14 34	113 50 52	1.00	.15	.70	.100	500	N	N	N
8XX5632C	40 14 34	113 50 52	.20	>10.00	20.00	.007	500	N	N	N
8XX5633A	40 14 20	113 50 50	1.50	10.00	10.00	.050	2,000	50.0	N	N

TABLE 11--RESULTS OF ANALYSES, GOLD HILL MINING DISTRICT, UTAH--Continued

Sample	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s
8XX5611A	10	5,000	N	10	N	N	15	70	<50	5	N	<5
8XX5612A	1,000	500	<1.0	N	N	20	150	70	<50	10	N	70
8XX5613A	<10	300	N	N	N	N	10	200	N	50	N	50
8XX5613B	<10	200	N	N	N	N	10	1,000	N	30	N	50
8XX5614A	20	3,000	N	>1,000	N	<10	15	300	<50	70	N	30
8XX5614B	20	2,000	1.5	N	N	20	50	15	50	N	<20	30
8XX5615A	200	200	N	500	N	<10	N	1,500	N	50	N	<5
8XX5616A	20	20	N	N	N	N	<10	200	N	N	N	<5
8XX5616B	100	50	N	N	N	10	<10	100	N	<5	N	20
8XX5616C	150	1,000	2.0	N	N	<10	20	7	200	N	N	10
8XX5617A	N	200	2.0	200	N	70	<10	7,000	N	N	N	50
8XX5617B	<10	1,000	N	200	N	30	20	150	N	N	N	70
8XX5617C	10	5,000	1.0	>1,000	N	20	150	150	<50	15	N	70
8XX5618A	70	100	<1.0	1,000	N	50	N	>20,000	N	N	N	15
8XX5618B	50	30	N	500	N	50	<10	20,000	N	N	N	5
8XX5619A	<10	500	N	N	100	N	<10	1,000	N	15	N	30
8XX5619B	N	200	N	N	<20	N	10	1,000	N	10	N	<5
8XX5620A	30	200	2.0	700	N	N	<10	700	N	20	N	5
8XX5620B	20	100	N	50	N	30	<10	1,500	<50	20	N	5
8XX5620C	200	200	3.0	N	N	10	30	700	50	5	20	20
8XX5620D	<10	500	2.0	N	N	20	100	30	<50	<5	N	50
8XX5621A	<10	200	2.0	150	N	30	N	3,000	N	1,000	N	<5
8XX5621B	30	200	1.0	1,000	N	20	N	2,000	N	50	N	5
8XX5622A	20	1,500	<1.0	N	N	<10	<10	10	<50	N	N	10
8XX5622B	50	1,500	1.0	N	N	20	100	20	100	N	30	50
8XX5623A	200	300	N	N	N	15	30	700	N	5	N	<5
8XX5623B	N	30	N	N	70	30	30	2,000	N	N	N	<5
8XX5624A	N	150	N	200	N	30	20	1,500	N	7	N	<5
8XX5625A	300	2,000	3.0	N	N	<10	<10	30	150	N	50	5
8XX5626A	200	500	N	N	N	N	N	30	50	N	N	<5
8XX5626B	50	100	1.0	N	N	N	N	15	N	N	N	<5
8XX5627A	N	100	N	N	N	N	N	200	N	N	N	<5
8XX5627B	<10	500	N	N	N	N	<10	100	<50	N	N	<5
8XX5628A	<10	1,000	1.5	N	N	70	20	2,000	N	10	N	70
8XX5629A	10	50	N	N	N	N	<10	20	N	N	N	N
8XX5629B	N	5,000	<1.0	N	N	50	<10	1,500	N	7	N	50
8XX5629C	<10	200	N	N	N	N	<10	20	N	N	N	<5
8XX5630A	N	300	N	N	N	50	N	2,000	N	N	N	30
8XX5630B	N	300	N	N	N	100	N	2,000	N	N	N	70
8XX5631A	50	200	<1.0	N	N	20	15	20	<50	N	N	20
8XX5631B	50	200	1.0	N	N	15	20	20	50	N	N	20
8XX5632A	10	2,000	2.0	N	N	N	N	5	<50	N	N	<5
8XX5632B	20	5,000	3.0	N	N	N	<10	10	N	N	N	5
8XX5632C	N	700	N	N	N	N	N	7	N	N	N	N
8XX5633A	30	300	N	N	N	20	<10	5,000	N	N	N	30

TABLE 11--RESULTS OF ANALYSES, GOLD HILL MINING DISTRICT, UTAH--Continued

Sample	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa
8XX5611A	100	<100	N	N	N	30	N	N	N	10	N	.60
8XX5612A	30	<100	15	N	N	200	N	30	<200	70	N	<.05
8XX5613A	<10	<100	N	N	N	30	N	N	1,000	<10	N	.10
8XX5613B	<10	N	N	N	N	20	N	N	700	N	N	.10
8XX5614A	200	<100	N	N	N	20	N	15	N	50	N	1.10
8XX5614B	50	N	7	N	300	70	N	15	N	70	N	<.05
8XX5615A	7,000	3,000	N	10	<100	15	N	N	5,000	<10	N	.70
8XX5616A	200	300	N	N	N	20	N	N	1,000	<10	N	.10
8XX5616B	100	<100	N	N	N	70	N	<10	<200	<10	N	.90
8XX5616C	20	N	<5	N	N	70	N	10	N	150	N	<.05
8XX5617A	200	N	N	N	N	15	N	N	300	<10	N	1.60
8XX5617B	10	N	N	N	N	50	N	20	<200	50	N	1.90
8XX5617C	30	N	N	N	300	100	N	20	N	70	N	3.80
8XX5618A	1,000	N	N	30	N	50	N	N	1,500	<10	N	.40
8XX5618B	7,000	N	N	N	N	300	N	N	1,000	150	N	.10
8XX5619A	5,000	<100	N	50	150	70	N	15	>10,000	<10	N	.20
8XX5619B	300	N	N	N	N	50	N	N	5,000	10	N	<.05
8XX5620A	700	N	N	150	N	50	N	N	1,000	20	N	.50
8XX5620B	15,000	100	N	1,000	N	15	N	N	N	30	N	3.80
8XX5620C	200	N	<5	50	N	100	N	<10	500	100	N	<.05
8XX5620D	50	N	15	N	200	100	N	20	N	50	N	<.05
8XX5621A	5,000	N	N	200	N	100	N	<10	2,000	N	N	.30
8XX5621B	3,000	<100	N	70	N	15	N	N	1,000	20	N	.80
8XX5622A	150	N	N	N	N	20	N	<10	N	100	N	.10
8XX5622B	50	N	10	N	300	150	N	30	N	100	N	<.05
8XX5623A	5,000	<100	N	20	N	100	N	<10	2,000	150	N	<.05
8XX5623B	7,000	100	N	30	N	20	N	20	7,000	70	N	.20
8XX5624A	15,000	300	N	20	300	30	N	N	3,000	100	N	.20
8XX5625A	200	N	5	N	N	100	N	20	500	150	N	<.05
8XX5626A	300	N	N	N	<100	<10	N	N	N	N	N	<.05
8XX5626B	50	N	N	N	N	<10	N	N	N	N	N	<.05
8XX5627A	20,000	3,000	N	N	N	<10	N	N	7,000	<10	N	<.05
8XX5627B	20,000	7,000	N	N	150	20	N	N	3,000	N	N	.05
8XX5628A	>20,000	1,000	<5	N	200	100	N	20	200	<10	N	.10
8XX5629A	1,000	N	N	N	N	<10	N	N	N	N	N	.10
8XX5629B	20,000	700	N	N	100	15	N	15	200	N	N	.05
8XX5629C	1,000	N	N	N	200	15	N	<10	N	N	N	.05
8XX5630A	2,000	700	N	N	N	10	N	<10	7,000	<10	N	<.05
8XX5630B	3,000	700	N	N	N	15	N	<10	5,000	10	N	<.05
8XX5631A	150	N	5	N	N	20	N	50	N	200	N	<.05
8XX5631B	100	N	7	N	N	50	N	20	N	500	N	<.05
8XX5632A	30	N	N	N	<100	15	N	20	N	70	N	<.05
8XX5632B	50	N	N	N	N	15	N	10	200	70	N	<.05
8XX5632C	100	N	N	N	100	10	N	N	N	N	N	<.05
8XX5633A	50	300	N	N	N	15	N	<10	N	10	N	.05

TABLE 11--RESULTS OF ANALYSES, GOLD HILL MINING DISTRICT, UTAH--Continued

Sample	AS-PPM ICP	BI-PPM ICP	CD-PPM ICP	SB-PPM ICP	ZN-PPM ICP	Na-pct. s	P-pct. s	Ga-ppm s	Ge-ppm s	HG-PPM CV	F% ISE
8XX5611A	840	22	.4	73.000	13.000	N	<.2	<5	N	.60	<.01
8XX5612A	2,500	3	1.6	110.000	230.000	.5	<.2	20	N	N	.05
8XX5613A	2,700	<2	10.0	62.000	660.000	N	N	20	N	N	<.01
8XX5613B	2,500	<2	11.0	16.000	790.000	N	N	20	N	N	<.01
8XX5614A	1,200	1,200	1.0	90.000	71.000	N	<.2	<5	N	.20	.01
8XX5614B	9	<2	.2	<2.000	25.000	3.0	.2	20	N	N	.05
8XX5615A	8,400	670	10.0	1,800.000	2,400.000	<.2	N	20	N	.0	<.01
8XX5616A	170	2	3.2	250.000	860.000	N	<.2	N	N	N	<.01
8XX5616B	4,200	<2	2.2	77.000	75.000	N	N	15	N	N	<.01
8XX5616C	490	<2	.6	12.000	59.000	N	<.2	10	N	N	.02
8XX5617A	45	300	2.6	3.000	310.000	.3	N	15	N	.04	<.01
8XX5617B	48	600	1.2	4.000	66.000	<.2	N	15	N	N	<.01
8XX5617C	46	4,300	1.2	8.000	88.000	N	N	15	N	N	.02
8XX5618A	1,100	1,400	33.0	39.000	1,800.000	N	N	10	N	.0	<.01
8XX5618B	2,100	400	3.6	61.000	1,100.000	N	N	15	N	N	.01
8XX5619A	3,400	7	120.0	68.000	22,000.000	.7	N	15	N	N	.01
8XX5619B	2,000	18	64.0	25.000	7,500.000	<.2	N	20	N	.02	.02
8XX5620A	1,700	440	8.1	22.000	800.000	N	N	10	N	N	.14
8XX5620B	>20,000	65	.9	140.000	58.000	N	N	10	N	.0	<.01
8XX5620C	170	4	1.3	5.000	640.000	<.2	.2	15	N	.02	.09
8XX5620D	16	<2	.9	<2.000	56.000	3.0	.2	20	N	N	.04
8XX5621A	2,000	310	27.0	21.000	2,900.000	N	N	15	N	N	<.01
8XX5621B	1,900	540	2.5	82.000	640.000	N	N	5	N	.0	<.01
8XX5622A	19	2	.9	<2.000	160.000	N	N	7	N	.08	.04
8XX5622B	6	<2	.4	<2.000	140.000	3.0	.2	15	N	N	.04
8XX5623A	1,900	11	11.0	75.000	3,000.000	<.2	N	10	N	N	.03
8XX5623B	12,000	11	160.0	130.000	9,400.000	N	N	15	N	.20	.01
8XX5624A	>20,000	310	17.0	440.000	3,000.000	N	N	15	N	.0	.01
8XX5625A	510	<2	2.7	12.000	630.000	<.2	.3	20	N	.02	.06
8XX5626A	23	5	<.1	2.000	7.000	5.0	N	30	N	N	.01
8XX5626B	<5	<2	<.1	<2.000	8.000	2.0	<.2	7	N	.04	<.01
8XX5627A	1,300	<2	25.0	3,400.000	6,400.000	N	N	10	N	17.60	.01
8XX5627B	780	<2	5.3	1,600.000	3,500.000	N	N	10	N	>32.00	.02
8XX5628A	1,200	<2	2.9	1,300.000	550.000	N	N	10	N	.0	<.01
8XX5629A	15	<2	1.0	17.000	38.000	N	N	N	N	.12	.02
8XX5629B	1,300	<2	5.7	870.000	330.000	N	N	10	N	6.40	<.01
8XX5629C	19	<2	.6	17.000	18.000	N	N	N	N	.22	.02
8XX5630A	670	<2	13.0	560.000	4,600.000	N	N	10	N	3.08	<.01
8XX5630B	850	<2	8.2	660.000	4,100.000	N	N	15	N	1.00	.02
8XX5631A	22	<2	.2	14.000	56.000	N	<.2	10	N	N	<.01
8XX5631B	12	<2	.1	6.000	49.000	.2	<.2	15	N	N	.01
8XX5632A	38	<2	<.1	4.000	18.000	3.0	<.2	20	N	.04	.01
8XX5632B	18	<2	.1	4.000	170.000	<.2	<.2	20	N	N	.03
8XX5632C	<5	<2	1.0	3.000	90.000	N	N	N	N	.16	<.01
8XX5633A	67	2	5.6	330.000	300.000	1.5	N	7	N	N	<.01

TABLE 11--RESULTS OF ANALYSES, GOLD HILL MINING DISTRICT, UTAH--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
8XX5633B	40 14 20	113 50 50	1.50	10.00	20.00	.100	2,000	2.0	N	N
8XX5634A	40 14 3	113 51 10	15.00	.20	3.00	.020	200	7.0	1,500	N
8XX5634B	40 14 3	113 51 10	.50	7.00	>20.00	.002	700	50.0	700	N
8XX5635A	40 14 1	113 51 13	>20.00	.10	.07	.020	1,500	20.0	2,000	N
8XX5635B	40 14 1	113 51 13	>20.00	.20	2.00	.005	300	.5	700	N
8XX5635C	40 14 1	113 51 13	.20	10.00	20.00	.007	1,500	.5	N	N
8XX5636A	40 14 44	113 54 24	3.00	.05	.10	.015	20	N	N	N
8XX5636B	40 14 44	113 54 24	2.00	.02	.07	.150	20	N	N	N
8XX5637A	40 14 27	113 54 17	5.00	.03	.10	.020	50	N	N	N
8XX5637B	40 14 27	113 54 17	1.00	.02	.07	.020	20	N	N	N
8XX5638A	40 14 24	113 54 20	<.05	1.00	>20.00	<.002	10	N	N	N
8XX5638B	40 14 24	113 54 20	.05	3.00	>20.00	.005	50	N	N	N
8XX5639A	40 11 36	113 52 28	.20	10.00	>20.00	.015	300	N	N	N
8XX5639B	40 11 36	113 52 28	.30	10.00	20.00	.015	200	N	N	N
8XX5639C	40 11 36	113 52 28	.07	>10.00	>20.00	.005	30	N	N	N
8XX5640A	40 11 41	113 52 28	.50	1.00	10.00	.050	700	N	N	N
8XX5641A	40 11 49	113 52 29	1.00	.20	15.00	.020	3,000	70.0	1,500	N
8XX5641B	40 11 49	113 52 29	.10	.50	>20.00	.010	70	2.0	N	N
8XX5642A	40 11 47	113 52 33	.20	>10.00	>20.00	.050	1,000	N	N	N
8XX5642B	40 11 47	113 52 33	10.00	1.50	.50	.005	700	200.0	5,000	N
8XX5642C	40 11 47	113 52 33	2.00	1.50	.50	.200	500	1.5	N	N
8XX5643A	40 11 29	113 52 29	20.00	.15	.05	.020	20	150.0	1,000	N
8XX5643B	40 11 29	113 52 29	20.00	1.00	.10	.015	1,500	200.0	500	N
8XX5644A	40 11 41	113 51 41	1.50	10.00	>20.00	.007	500	3.0	200	N
8XX5644B	40 11 41	113 51 41	2.00	1.50	.70	.150	300	<.5	N	N
8XX5645A	40 13 2	113 50 22	10.00	1.50	3.00	.005	1,500	30.0	500	N
8XX5645B	40 13 2	113 50 22	.50	.50	3.00	N	300	20.0	N	N
8XX5645C	40 13 2	113 50 22	2.00	<.02	.20	N	50	50.0	N	N
8XX5645D	40 13 2	113 50 22	3.00	.10	1.00	N	500	7.0	N	N
8XX5645E	40 13 2	113 50 22	10.00	.20	3.00	.010	3,000	500.0	700	N
8XX5645F	40 13 2	113 50 22	5.00	1.00	15.00	<.002	2,000	100.0	<200	N
8XX5645G	40 13 2	113 50 22	.05	<.02	.50	<.002	30	50.0	N	N
8XX5645H	40 13 2	113 50 22	1.00	.70	20.00	.010	2,000	.5	N	N
8XX5646A	40 11 48	113 50 56	1.50	.50	2.00	.150	1,500	N	N	N
8XX5646B	40 11 48	113 50 56	2.00	.20	.70	.150	1,500	N	N	N
8XX5646C	40 11 48	113 50 56	15.00	.20	.50	.150	1,500	.5	500	N
8XX5646D	40 11 48	113 50 56	.70	.30	10.00	.100	50	5.0	N	N
8XX5646E	40 11 48	113 50 56	1.00	1.50	7.00	.150	50	10.0	N	N
8XX5647A	40 11 59	113 50 37	2.00	7.00	10.00	.010	1,000	150.0	300	N
8XX5647B	40 11 59	113 50 37	1.50	7.00	10.00	.010	700	150.0	<200	N
8XX5648A	40 12 3	113 50 8	2.00	5.00	2.00	.200	500	30.0	<200	N
8XX5648B	40 12 3	113 50 8	3.00	.50	.05	.150	100	7.0	N	N
8XX5649A	40 11 4	113 48 38	10.00	.30	2.00	.020	70	1.0	500	N
8XX5649B	40 11 4	113 48 38	15.00	.30	3.00	.030	70	30.0	3,000	N
8XX5650A	40 10 53	113 48 34	1.00	10.00	20.00	<.002	1,500	2.0	N	N

TABLE 11--RESULTS OF ANALYSES, GOLD HILL MINING DISTRICT, UTAH--Continued

Sample	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s
8XX5633B	20	300	N	N	N	15	10	1,500	N	N	N	15
8XX5634A	<10	1,000	N	N	N	10	30	1,500	N	N	N	30
8XX5634B	N	300	N	N	N	N	N	30	N	N	N	N
8XX5635A	<10	500	N	N	N	50	15	100	N	<5	N	30
8XX5635B	N	1,500	N	N	N	10	N	500	N	N	N	5
8XX5635C	N	200	N	N	N	N	<10	5	N	N	N	N
8XX5636A	50	200	N	N	N	N	10	5	N	N	N	10
8XX5636B	50	300	N	N	N	N	15	7	N	N	N	10
8XX5637A	70	200	N	N	N	N	15	10	N	N	N	5
8XX5637B	100	200	N	N	N	N	10	<5	N	N	N	5
8XX5638A	N	50	N	N	N	N	15	<5	N	N	N	N
8XX5638B	<10	50	N	N	N	N	<10	<5	N	N	N	<5
8XX5639A	N	<20	N	N	N	N	<10	5	N	N	N	<5
8XX5639B	N	N	N	N	N	N	<10	<5	N	N	N	<5
8XX5639C	<10	<20	N	N	N	N	<10	<5	N	N	N	N
8XX5640A	10	20	N	N	N	N	10	<5	N	N	N	7
8XX5641A	20	70	N	N	N	N	30	70	N	<5	N	5
8XX5641B	10	<20	N	N	N	N	15	7	N	N	N	N
8XX5642A	100	30	N	N	N	N	20	7	N	N	N	7
8XX5642B	20	50	N	N	100	N	<10	5,000	N	5	N	5
8XX5642C	10	1,500	1.0	N	N	<10	100	50	50	<5	N	20
8XX5643A	N	300	N	N	150	N	50	10,000	N	20	N	N
8XX5643B	<10	20	<1.0	N	150	N	20	7,000	N	10	N	<5
8XX5644A	N	2,000	N	N	N	N	<10	50	N	N	N	5
8XX5644B	30	500	1.0	N	N	<10	15	30	50	N	N	7
8XX5645A	N	50	N	N	N	20	<10	30	N	N	N	5
8XX5645B	10	50	N	N	N	N	N	<5	N	N	N	5
8XX5645C	10	20	N	N	N	N	N	5	N	7	N	5
8XX5645D	10	300	N	N	N	N	<10	5	N	N	N	5
8XX5645E	N	150	N	N	N	30	10	50	N	<5	N	15
8XX5645F	N	100	N	N	N	15	N	10	N	N	N	5
8XX5645G	<10	50	N	N	N	N	N	<5	N	N	N	<5
8XX5645H	N	200	N	N	N	N	N	7	N	N	N	10
8XX5646A	50	300	5.0	N	N	20	15	50	<50	<5	N	20
8XX5646B	20	300	10.0	N	N	10	20	5	50	<5	<20	7
8XX5646C	<10	70	1.0	N	N	30	30	50	N	5	N	15
8XX5646D	50	300	N	N	N	N	500	50	100	7	N	70
8XX5646E	30	200	<1.0	N	N	<10	700	300	100	10	N	500
8XX5647A	10	200	N	1,000	N	N	<10	300	N	2,000	N	<5
8XX5647B	10	3,000	N	700	N	N	N	100	N	100	N	<5
8XX5648A	50	2,000	2.0	<10	N	N	<10	150	<50	5	N	<5
8XX5648B	30	5,000	3.0	N	N	N	<10	200	50	<5	N	<5
8XX5649A	N	200	N	N	N	N	<10	1,000	N	N	N	<5
8XX5649B	N	300	N	20	N	N	10	2,000	N	10	N	5
8XX5650A	N	200	N	N	N	N	N	30	N	N	N	N

TABLE 11--RESULTS OF ANALYSES, GOLD HILL MINING DISTRICT, UTAH--Continued

Sample	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa
8XX5633B	150	100	<5	N	N	15	N	15	<200	20	N	.20
8XX5634A	7,000	3,000	N	N	N	15	N	15	700	N	N	<.05
8XX5634B	>20,000	1,500	N	N	300	<10	N	N	N	N	N	.10
8XX5635A	10,000	1,000	N	N	N	10	N	<10	2,000	N	N	.30
8XX5635B	3,000	700	N	N	N	10	N	N	<200	<10	N	.10
8XX5635C	200	N	N	N	300	<10	N	N	N	N	N	<.05
8XX5636A	15	N	N	N	N	30	N	<10	N	50	N	.20
8XX5636B	<10	N	N	N	N	15	N	N	N	150	N	.10
8XX5637A	20	N	N	N	N	70	N	<10	N	150	N	.10
8XX5637B	15	N	N	N	N	20	N	10	N	50	N	.05
8XX5638A	10	N	N	N	200	<10	N	N	N	N	N	<.05
8XX5638B	10	N	N	N	300	10	N	N	N	N	N	<.05
8XX5639A	30	N	N	N	<100	10	N	N	N	10	N	<.05
8XX5639B	20	N	N	N	N	<10	N	N	N	<10	N	.10
8XX5639C	10	N	N	N	N	<10	N	N	N	<10	N	.05
8XX5640A	10	N	N	N	N	10	N	<10	N	100	N	<.05
8XX5641A	3,000	N	N	N	N	15	N	N	2,000	30	N	.30
8XX5641B	200	N	N	N	100	10	N	<10	N	50	N	.10
8XX5642A	20	N	N	N	<100	15	N	10	<200	150	N	<.05
8XX5642B	>20,000	3,000	N	N	N	15	N	N	>10,000	N	N	1.70
8XX5642C	1,000	N	7	N	200	70	N	20	200	100	N	<.05
8XX5643A	>20,000	500	N	N	N	15	N	N	>10,000	100	N	.10
8XX5643B	20,000	2,000	N	N	N	30	N	15	>10,000	50	N	<.05
8XX5644A	1,000	500	N	20	100	<10	N	10	<200	20	N	<.05
8XX5644B	150	N	N	N	N	30	N	<10	N	150	N	<.05
8XX5645A	10,000	N	N	N	N	30	150	N	<200	N	N	.05
8XX5645B	5,000	N	N	N	N	<10	N	N	N	N	N	.05
8XX5645C	7,000	N	N	N	N	<10	2,000	N	N	N	N	.70
8XX5645D	2,000	N	N	N	N	<10	200	N	N	N	N	<.05
8XX5645E	>20,000	300	N	2,000	100	20	300	<10	200	N	N	.20
8XX5645F	10,000	N	N	200	N	20	N	N	<200	N	N	.05
8XX5645G	7,000	N	N	N	N	<10	N	N	N	N	N	.60
8XX5645H	7,000	N	N	N	N	10	N	N	N	N	N	.10
8XX5646A	100	N	N	300	N	100	N	15	N	30	N	<.05
8XX5646B	50	N	N	N	N	20	N	20	N	150	N	<.05
8XX5646C	100	N	N	2,000	N	200	1,000	10	200	20	N	.10
8XX5646D	30	N	<5	N	200	200	N	100	300	50	N	.20
8XX5646E	30	N	<5	N	<100	500	N	70	700	50	N	<.05
8XX5647A	>20,000	200	N	1,000	<100	1,500	100	N	500	<10	N	.10
8XX5647B	>20,000	<100	N	300	100	300	N	N	200	<10	N	.50
8XX5648A	10,000	1,000	N	100	N	20	N	10	300	200	N	.20
8XX5648B	15,000	500	N	N	N	20	N	15	300	200	N	<.05
8XX5649A	3,000	<100	N	N	N	70	N	N	10,000	<10	N	.10
8XX5649B	20,000	300	N	N	N	2,000	N	N	2,000	<10	N	.10
8XX5650A	5,000	200	N	N	N	15	N	N	500	N	N	.90

TABLE 11--RESULTS OF ANALYSES, GOLD HILL MINING DISTRICT, UTAH--Continued

Sample	AS-PPM ICP	BI-PPM ICP	CD-PPM ICP	SB-PPM ICP	ZN-PPM ICP	Na-pct. s	P-pct. s	Ga-ppm s	Ge-ppm s	HG-PPM CV	F% ISE
8XX5633B	63	<2	2.2	95.000	120.000	N	N	10	N	.06	.02
8XX5634A	2,700	<2	5.6	4,200.000	660.000	N	N	10	N	4.00	.02
8XX5634B	2,300	<2	1.9	2,100.000	29.000	N	N	N	N	2.80	<.01
8XX5635A	2,500	<2	3.0	2,200.000	1,600.000	N	N	10	N	5.60	.02
8XX5635B	1,200	<2	8.1	2,100.000	120.000	N	N	15	N	1.20	.02
8XX5635C	18	<2	.1	39.000	66.000	N	N	N	N	.08	<.01
8XX5636A	200	<2	.2	24.000	11.000	N	.2	<5	N	.28	<.01
8XX5636B	130	<2	.2	16.000	8.000	N	<.2	<5	N	N	<.01
8XX5637A	170	<2	.2	13.000	6.000	N	.2	<5	N	.20	.01
8XX5637B	57	<2	<.1	9.000	<2.000	N	.2	<5	N	.06	<.01
8XX5638A	<5	<2	.3	3.000	11.000	N	N	N	N	N	.01
8XX5638B	<5	<2	.4	4.000	11.000	N	N	N	N	.02	.02
8XX5639A	7	<2	.4	5.000	18.000	N	N	N	N	.02	.03
8XX5639B	12	<2	.4	8.000	16.000	N	N	N	N	.04	.03
8XX5639C	<5	<2	.5	2.000	10.000	N	N	N	N	N	.08
8XX5640A	90	<2	.3	16.000	36.000	N	<.2	<5	N	.10	.01
8XX5641A	1,100	<2	34.0	52.000	3,100.000	N	<.2	N	N	.22	.01
8XX5641B	16	<2	4.5	4.000	210.000	N	N	N	N	N	.02
8XX5642A	13	<2	.6	4.000	170.000	N	N	N	N	.06	.03
8XX5642B	3,800	<2	90.0	5,200.000	25,000.000	N	N	20	N	.0	.02
8XX5642C	31	<2	.6	76.000	170.000	3.0	<2.0	30	N	N	.03
8XX5643A	2,100	<2	200.0	750.000	18,000.000	N	N	15	N	.0	.01
8XX5643B	860	<2	160.0	1,800.000	28,000.000	N	N	15	N	.0	.01
8XX5644A	890	<2	1.8	490.000	260.000	N	N	N	N	.06	.02
8XX5644B	46	<2	.3	27.000	55.000	3.0	<.2	20	N	N	.04
8XX5645A	610	<2	5.6	61.000	33.000	N	N	5	N	<.20	<.01
8XX5645B	31	<2	1.3	12.000	4.000	N	N	N	N	<.20	<.01
8XX5645C	84	<2	5.2	<2.000	<2.000	N	<.2	<5	N	<.20	<.01
8XX5645D	160	<2	2.4	<2.000	7.000	N	N	<5	N	<.20	<.01
8XX5645E	1,100	<2	16.0	610.000	96.000	N	N	10	N	.0	.01
8XX5645F	280	5	5.7	62.000	120.000	N	N	<5	N	.0	<.01
8XX5645G	<5	6	4.8	33.000	<2.000	N	<.2	N	N	<.02	<.01
8XX5645H	84	<2	1.4	20.000	190.000	N	N	N	N	.14	.01
8XX5646A	170	<2	.7	7.000	82.000	1.5	N	20	N	.06	.07
8XX5646B	92	<2	.5	9.000	51.000	.5	N	15	N	.04	.08
8XX5646C	900	<2	3.6	10.000	54.000	N	N	30	N	.40	.05
8XX5646D	30	<2	1.6	14.000	270.000	N	10.0	5	N	.40	.70
8XX5646E	36	<2	27.0	13.000	1,100.000	.7	2.0	10	N	<.20	.32
8XX5647A	650	250	23.0	140.000	860.000	N	N	N	N	<.20	.02
8XX5647B	250	260	14.0	140.000	270.000	N	N	N	N	.0	.01
8XX5648A	310	13	7.9	840.000	390.000	N	<.2	15	N	.0	.03
8XX5648B	160	6	.8	480.000	440.000	N	<.2	15	N	.18	.05
8XX5649A	1,300	15	27.0	150.000	11,000.000	N	N	15	N	.0	.02
8XX5649B	3,000	19	12.0	460.000	9,400.000	N	N	15	10	3.12	.02
8XX5650A	310	12	7.1	280.000	810.000	N	N	N	N	<.20	.01

TABLE 11--RESULTS OF ANALYSES, GOLD HILL MINING DISTRICT, UTAH--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
8XX5650B	40 10 53	113 48 34	1.00	2.00	7.00	.015	1,000	30.0	1,500	N
8XX5651A	40 10 16	113 48 43	20.00	.10	2.00	.150	50	<.5	7,000	N
8XX5651B	40 10 16	113 48 43	2.00	.02	1.50	.150	200	<.5	5,000	N
8XX5652A	40 10 2	113 48 46	15.00	.07	3.00	.007	300	10.0	500	N
8XX5652B	40 10 2	113 48 46	.10	.70	20.00	<.002	100	N	N	N
8XX5653A	40 9 44	113 48 21	>20.00	.02	.05	.030	5,000	10.0	10,000	N
8XX5653B	40 9 44	113 48 21	>20.00	.05	.07	.010	200	150.0	7,000	N
8XX5654A	40 9 25	113 47 54	5.00	.05	<.05	.020	>5,000	200.0	7,000	N
8XX5654B	40 9 25	113 47 54	5.00	.20	.10	<.002	>5,000	150.0	1,000	N
8XX5655A	40 9 26	113 47 59	.20	<.02	.20	.007	500	7.0	5,000	N
8XX5655B	40 9 26	113 47 59	.20	.05	2.00	.010	100	50.0	>10,000	N
8XX5656A	40 8 37	113 47 7	7.00	.07	.07	.030	2,000	200.0	10,000	N
8XX5656B	40 8 37	113 47 7	5.00	.07	.10	.020	2,000	200.0	>10,000	N
8XX5657A	40 9 23	113 49 45	10.00	<.02	.07	.100	70	70.0	>10,000	N
8XX5657B	40 9 23	113 49 45	5.00	<.02	.20	.100	3,000	30.0	>10,000	N
8XX5658A	40 9 27	113 50 4	7.00	.30	10.00	.020	700	1.0	N	N
8XX5658B	40 9 27	113 50 4	20.00	.20	7.00	.050	1,000	10.0	N	N
8XX5659A	40 9 40	113 50 15	1.00	.07	3.00	.100	70	N	5,000	N
8XX5659B	40 9 40	113 50 15	.70	<.02	3.00	.050	300	.7	1,000	N
8XX5660A	40 9 28	113 49 34	3.00	1.00	.20	.200	2,000	5.0	1,000	N
8XX5660B	40 9 28	113 49 34	2.00	1.50	.20	.300	2,000	5.0	500	N
8XX5661A	40 8 53	113 49 22	.50	.50	20.00	.005	5,000	<.5	1,000	N
8XX5661B	40 8 53	113 49 22	10.00	.10	2.00	.010	500	5.0	1,500	15
8XX5661C	40 8 53	113 49 22	20.00	.10	1.00	.010	100	2.0	5,000	N
8XX5661D	40 8 53	113 49 22	10.00	.15	5.00	.010	1,000	N	<200	N
8XX5661E	40 8 53	113 49 22	5.00	1.00	.20	.200	300	N	N	N
8XX5662A	40 8 22	113 49 15	1.00	.10	5.00	<.002	1,500	1.0	200	N
8XX5662B	40 8 22	113 49 15	2.00	3.00	10.00	.015	1,500	2.0	N	N
8XX5662C	40 8 22	113 49 15	5.00	.07	2.00	.020	5,000	3.0	700	N
8XX5663A	40 8 25	113 49 36	5.00	1.50	5.00	.050	500	2.0	>10,000	N
8XX5663B	40 8 25	113 49 36	7.00	1.00	>20.00	.030	1,000	3.0	500	N
8XX5664A	40 8 1	113 48 56	1.00	.10	<.05	.150	200	5.0	N	N
8XX5664B	40 8 1	113 48 56	7.00	2.00	.10	1.000	500	1.0	N	N
8XX5665A	40 7 49	113 49 22	10.00	1.00	.07	.200	300	50.0	700	N
8XX5665B	40 7 49	113 49 22	5.00	.70	.50	.070	700	10.0	N	N
8XX5666A	40 7 57	113 49 55	2.00	1.50	.50	>1.000	300	10.0	N	N
8XX5666B	40 7 57	113 49 55	5.00	.70	.20	.100	200	5.0	1,500	N
8XX5666C	40 7 57	113 49 55	3.00	.70	.50	.150	300	3.0	N	N
8XX5666D	40 7 57	113 49 55	7.00	.50	3.00	.010	3,000	70.0	N	N
8XX5667A	40 8 1	113 51 21	20.00	.20	1.50	.100	500	N	N	N
8XX5667B	40 8 1	113 51 21	2.00	.20	.20	.700	70	N	N	N
8XX5668A	40 8 23	113 51 44	.70	1.00	>20.00	.050	100	N	N	N
8XX5669A	40 10 14	113 51 30	15.00	.15	.10	.015	300	70.0	>10,000	N
8XX5669B	40 10 14	113 51 30	15.00	.05	.10	.010	50	200.0	>10,000	N
8XX5670A	40 9 45	113 50 15	.70	1.00	20.00	.050	300	<.5	<200	N

TABLE 11--RESULTS OF ANALYSES, GOLD HILL MINING DISTRICT, UTAH--Continued

Sample	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s
8XX5650B	<10	200	N	700	N	N	<10	50	N	5	N	<5
8XX5651A	10	3,000	1.0	N	N	<10	150	100	N	20	N	150
8XX5651B	<10	1,000	N	N	N	<10	<10	50	N	N	N	15
8XX5652A	N	100	1.0	50	N	10	10	700	N	10	N	20
8XX5652B	N	700	N	N	N	N	<10	7	N	N	N	N
8XX5653A	N	500	<1.0	30	N	<10	10	700	N	20	N	70
8XX5653B	N	50	N	10	N	N	N	1,000	N	N	N	15
8XX5654A	<10	500	<1.0	200	N	15	<10	700	N	30	N	5
8XX5654B	N	200	2.0	10	>500	10	N	1,500	N	N	N	7
8XX5655A	15	2,000	<1.0	150	N	N	<10	3,000	N	N	N	7
8XX5655B	10	100	<1.0	>1,000	N	N	20	10,000	N	N	N	10
8XX5656A	10	50	N	500	<20	10	<10	3,000	N	N	N	10
8XX5656B	<10	50	N	20	100	30	<10	5,000	N	N	N	<5
8XX5657A	N	700	N	70	N	100	<10	500	N	N	N	10
8XX5657B	N	200	N	15	N	50	30	200	N	10	N	20
8XX5658A	<10	1,500	<1.0	15	N	<10	15	2,000	N	15	N	20
8XX5658B	N	<20	N	500	N	N	<10	3,000	N	<5	N	5
8XX5659A	20	50	N	N	N	N	30	30	N	N	N	30
8XX5659B	10	30	N	N	N	N	30	10	N	N	N	10
8XX5660A	100	300	2.0	N	N	10	100	50	50	<5	20	50
8XX5660B	200	500	2.0	N	N	20	70	70	50	N	20	50
8XX5661A	<10	150	N	N	N	N	<10	50	N	N	N	N
8XX5661B	50	100	1.0	50	N	50	30	15,000	N	N	N	30
8XX5661C	<10	100	N	30	N	30	10	2,000	N	N	N	50
8XX5661D	<10	50	N	<10	N	100	20	1,000	N	20	N	10
8XX5661E	20	1,000	1.0	N	N	<10	50	30	70	N	<20	30
8XX5662A	100	100	<1.0	N	N	N	100	2,000	100	50	N	5
8XX5662B	10	50	1.0	20	N	30	100	50	50	700	N	70
8XX5662C	20	70	5.0	20	N	700	<10	>20,000	N	200	N	70
8XX5663A	>2,000	50	1.0	70	N	200	15	10,000	<50	10	N	70
8XX5663B	>2,000	70	N	50	N	30	N	3,000	N	7	N	70
8XX5664A	1,500	200	<1.0	N	N	20	<10	1,000	N	10	20	5
8XX5664B	>2,000	150	N	70	N	150	70	20,000	N	N	50	70
8XX5665A	>2,000	100	1.0	<10	N	100	50	15,000	500	30	30	15
8XX5665B	>2,000	100	<1.0	N	N	10	10	300	100	N	N	20
8XX5666A	>2,000	1,000	<1.0	N	N	20	200	500	150	N	70	30
8XX5666B	>2,000	500	1.0	<10	N	100	10	1,500	150	100	<20	50
8XX5666C	>2,000	300	2.0	N	N	15	200	7,000	70	10	N	30
8XX5666D	2,000	70	<1.0	N	N	10	N	>20,000	N	N	N	10
8XX5667A	30	50	1.0	N	N	20	30	50	N	N	N	70
8XX5667B	150	50	1.0	N	N	<10	100	30	<50	N	N	50
8XX5668A	20	300	N	N	N	N	70	10	N	N	N	10
8XX5669A	10	100	N	15	300	<10	15	2,000	N	N	N	10
8XX5669B	10	70	N	70	100	N	<10	1,000	N	N	N	<5
8XX5670A	100	500	N	N	N	N	15	15	N	N	N	10

TABLE 11--RESULTS OF ANALYSES, GOLD HILL MINING DISTRICT, UTAH--Continued

Sample	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa
8XX5650B	5,000	100	N	N	N	300	N	N	1,000	N	N	.70
8XX5651A	150	500	5	N	200	100	N	10	1,000	100	N	.10
8XX5651B	50	150	N	N	N	50	N	<10	N	30	N	.10
8XX5652A	700	<100	N	N	N	20	N	10	1,000	N	N	<.05
8XX5652B	50	N	N	N	300	<10	N	N	N	N	N	<.05
8XX5653A	1,000	700	N	N	N	150	N	15	10,000	N	N	.05
8XX5653B	3,000	300	N	30	N	10	N	20	3,000	N	N	<.05
8XX5654A	10,000	300	N	N	N	20	N	N	2,000	N	N	1.10
8XX5654B	20,000	100	N	20	N	10	N	N	>10,000	N	N	.40
8XX5655A	300	200	N	N	N	20	N	N	1,500	N	N	.05
8XX5655B	200	500	N	N	N	50	N	N	200	<10	N	1.80
8XX5656A	5,000	5,000	N	30	N	20	N	N	10,000	70	N	.60
8XX5656B	2,000	5,000	N	100	N	15	N	N	>10,000	20	N	1.00
8XX5657A	3,000	7,000	N	10	N	<10	N	<10	3,000	10	N	.30
8XX5657B	1,500	1,000	N	20	N	70	N	N	2,000	20	N	.20
8XX5658A	200	<100	N	30	<100	50	N	20	N	10	N	.20
8XX5658B	200	N	N	50	N	50	N	15	N	15	N	3.30
8XX5659A	10	300	N	N	N	50	N	N	N	20	N	<.05
8XX5659B	30	300	N	N	N	20	N	N	N	<10	N	<.05
8XX5660A	1,000	<100	7	<10	N	100	N	10	2,000	150	N	.05
8XX5660B	300	<100	7	<10	N	150	N	10	2,000	100	N	.50
8XX5661A	2,000	<100	N	20	N	15	N	N	500	<10	N	.10
8XX5661B	50	<100	N	100	N	50	100	<10	300	<10	N	6.00
8XX5661C	15	<100	N	50	N	100	N	<10	500	N	N	5.30
8XX5661D	20	N	N	200	N	20	150	10	N	20	N	.10
8XX5661E	50	N	5	N	200	100	N	10	N	100	N	.05
8XX5662A	<10	N	10	N	N	10	5,000	N	200	N	N	<.05
8XX5662B	50	N	30	N	N	100	N	N	<200	20	N	.30
8XX5662C	20	N	N	100	N	100	200	20	2,000	<10	N	.20
8XX5663A	15	300	N	50	N	30	<20	N	N	70	N	.20
8XX5663B	50	N	N	70	N	15	<20	<10	<200	50	N	.10
8XX5664A	70	150	N	15	N	20	N	N	N	70	N	.20
8XX5664B	200	200	15	100	300	200	N	30	1,000	300	N	.70
8XX5665A	500	<100	7	70	300	150	150	20	1,500	300	N	.20
8XX5665B	20	N	5	50	200	50	N	10	N	<10	N	<.05
8XX5666A	50	100	10	70	200	200	500	50	N	200	N	<.05
8XX5666B	50	300	5	30	100	100	1,000	<10	300	100	N	<.05
8XX5666C	50	<100	15	30	100	150	500	15	N	150	N	.10
8XX5666D	30	N	N	<10	N	15	N	N	200	N	N	.70
8XX5667A	20	N	10	N	N	100	N	15	200	30	N	<.05
8XX5667B	50	N	7	N	N	150	N	20	N	150	N	<.05
8XX5668A	30	N	N	N	200	20	N	10	N	<10	N	<.05
8XX5669A	7,000	500	N	N	N	30	N	N	>10,000	20	N	.40
8XX5669B	10,000	700	N	N	N	<10	N	N	10,000	N	N	.80
8XX5670A	200	N	N	N	300	15	N	15	N	50	N	.60

TABLE 11--RESULTS OF ANALYSES, GOLD HILL MINING DISTRICT, UTAH--Continued

Sample	AS-PPM ICP	BI-PPM ICP	CD-PPM ICP	SB-PPM ICP	ZN-PPM ICP	Na-pct. s	P-pct. s	Ga-ppm s	Ge-ppm s	HG-PPM CV	F% ISE
8XX5650B	1,900	210	8.7	85.000	1,400.000	N	N	<5	N	3.64	.01
8XX5651A	7,800	<2	3.6	400.000	550.000	N	N	10	N	.60	.03
8XX5651B	3,500	<2	.6	110.000	88.000	N	<.2	5	N	.48	.02
8XX5652A	550	100	11.0	51.000	780.000	N	N	15	N	.04	.01
8XX5652B	21	<2	.5	4.000	28.000	N	N	N	N	<.02	<.01
8XX5653A	15,000	100	22.0	740.000	9,100.000	N	N	15	N	<.20	.02
8XX5653B	4,800	66	15.0	220.000	2,200.000	N	N	15	N	.0	.01
8XX5654A	7,200	610	6.8	220.000	2,500.000	N	N	10	N	.0	.02
8XX5654B	2,800	24	750.0	<2.000	30,000.000	N	N	7	N	.0	.01
8XX5655A	5,000	220	3.3	110.000	970.000	N	<.2	N	N	.58	.01
8XX5655B	13,000	3,200	9.6	290.000	240.000	N	<.2	N	N	7.60	.01
8XX5656A	11,000	580	50.0	3,200.000	13,000.000	N	N	10	N	.0	.01
8XX5656B	>20,000	50	82.0	4,500.000	19,000.000	N	N	10	N	.0	.01
8XX5657A	>20,000	150	24.0	6,600.000	2,800.000	N	N	10	N	.0	.01
8XX5657B	>20,000	20	6.7	790.000	2,000.000	N	N	10	N	.0	.02
8XX5658A	750	22	2.0	72.000	60.000	.3	.2	10	N	.10	.04
8XX5658B	290	540	1.5	45.000	41.000	N	N	10	N	<.20	.02
8XX5659A	2,800	3	.6	180.000	80.000	N	<.2	<5	N	<.20	.01
8XX5659B	900	<2	.6	190.000	77.000	N	<.2	<5	N	.04	.01
8XX5660A	1,100	<2	13.0	25.000	1,700.000	<.2	.2	20	N	<.20	.08
8XX5660B	550	<2	14.0	14.000	1,700.000	N	.2	20	N	<.20	.06
8XX5661A	1,200	<2	5.5	43.000	360.000	.2	N	N	N	.28	.02
8XX5661B	1,500	53	4.3	50.000	350.000	N	N	10	N	<.20	.02
8XX5661C	6,200	65	8.8	46.000	470.000	N	N	20	N	.12	.03
8XX5661D	430	12	2.8	<2.000	24.000	N	N	10	N	.04	.02
8XX5661E	31	<2	.3	<2.000	48.000	3.0	.2	30	N	<.02	.06
8XX5662A	290	<2	6.6	<2.000	120.000	N	.3	<5	N	.32	.01
8XX5662B	110	23	.8	<2.000	90.000	N	N	10	N	.14	.02
8XX5662C	770	29	7.2	12.000	2,100.000	N	N	15	N	2.60	.02
8XX5663A	14,000	100	1.4	310.000	100.000	<.2	N	10	N	<.20	.05
8XX5663B	820	44	2.0	<2.000	170.000	N	N	10	N	<.20	.02
8XX5664A	100	<2	.9	85.000	180.000	N	<.2	<5	N	.22	.01
8XX5664B	280	71	1.9	200.000	740.000	1.5	N	30	N	.34	.02
8XX5665A	1,000	13	3.1	65.000	910.000	1.0	N	20	N	.20	.02
8XX5665B	47	<2	.5	3.000	31.000	N	<.2	15	N	<.20	.02
8XX5666A	140	<2	.8	88.000	79.000	1.0	<.2	20	N	1.00	.01
8XX5666B	1,300	3	2.8	240.000	390.000	N	<.2	20	N	.60	.05
8XX5666C	270	<2	.9	15.000	200.000	N	.5	10	N	.18	.08
8XX5666D	85	7	2.6	10.000	260.000	N	N	7	N	.20	.01
8XX5667A	31	<2	4.3	<2.000	46.000	.2	N	20	N	.56	.04
8XX5667B	15	<2	.5	<2.000	29.000	1.5	<.2	30	N	.20	.06
8XX5668A	5	<2	2.6	<2.000	56.000	<.2	N	N	N	.12	.04
8XX5669A	>20,000	17	240.0	470.000	25,000.000	<.2	N	15	N	.40	.05
8XX5669B	>20,000	130	80.0	550.000	6,900.000	N	N	15	N	.0	.02
8XX5670A	200	<2	.6	14.000	54.000	N	N	<5	N	.02	.02

TABLE 11--RESULTS OF ANALYSES, GOLD HILL MINING DISTRICT, UTAH--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
8XX5670B	40 9 45	113 50 15	.70	1.00	20.00	.050	300	1.0	N	15
8XX5670C	40 9 45	113 50 15	2.00	5.00	>20.00	.150	1,000	N	200	N
8XX5671A	40 11 26	113 51 7	1.00	10.00	10.00	.050	1,000	10.0	N	N
8XX5671B	40 11 26	113 51 7	.70	>10.00	15.00	.020	1,000	15.0	N	N
8XX5671C	40 11 26	113 51 7	1.00	>10.00	15.00	.050	1,000	7.0	N	N
8XX5671D	40 11 26	113 51 7	1.50	10.00	20.00	.015	1,000	70.0	200	N
8XX5671E	40 11 26	113 51 7	1.00	.70	.30	.150	200	N	N	N
8XX5672A	40 9 17	113 47 1	2.00	.20	.10	.100	300	2.0	1,000	N
8XX5672B	40 9 17	113 47 1	3.00	.10	.07	.010	1,000	N	2,000	N
8XX5673A	40 9 4	113 46 46	3.00	.20	7.00	.020	>5,000	20.0	5,000	N
8XX5673B	40 9 4	113 46 46	.10	.02	.07	.005	70	N	N	N
8XX5674A	40 8 53	113 46 42	1.00	.50	1.00	.005	1,000	70.0	5,000	N
8XX5674B	40 8 53	113 46 42	1.00	.20	7.00	.050	2,000	30.0	1,000	N
8XX5675A	40 8 33	113 47 4	10.00	.05	.07	.050	300	100.0	>10,000	N
8XX5675B	40 8 33	113 47 4	10.00	.03	.05	.010	300	200.0	7,000	N
8XX5675C	40 8 33	113 47 4	20.00	.07	.07	.005	500	150.0	>10,000	N
8XX5675D	40 8 33	113 47 4	10.00	.20	.20	.030	1,500	500.0	>10,000	N
8XX5675E	40 8 33	113 47 4	5.00	.03	.05	<.002	300	700.0	10,000	N
8XX5676B	40 8 8	113 47 21	5.00	2.00	3.00	.200	500	10.0	N	50
8XX5677A	40 8 10	113 47 56	7.00	.03	.05	.020	3,000	30.0	1,000	N
8XX5678A	40 8 46	113 48 7	15.00	3.00	.30	.200	500	10.0	N	N
8XX5678B	40 8 46	113 48 7	10.00	1.50	.50	.150	500	7.0	N	N

TABLE 11--RESULTS OF ANALYSES, GOLD HILL MINING DISTRICT, UTAH--Continued

Sample	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s
8XX5670B	30	2,000	N	N	N	N	30	200	N	N	N	10
8XX5670C	100	20	<1.0	N	N	N	100	30	N	N	N	100
8XX5671A	50	5,000	1.0	N	N	N	N	70	N	N	N	<5
8XX5671B	50	200	N	N	N	N	N	70	N	N	N	<5
8XX5671C	20	500	N	N	100	N	20	50	N	N	N	<5
8XX5671D	50	3,000	N	N	300	N	<10	300	N	N	N	<5
8XX5671E	15	300	2.0	N	N	N	20	7	<50	N	N	5
8XX5672A	100	200	1.5	N	N	10	30	20	50	30	N	20
8XX5672B	50	100	2.0	N	N	<10	<10	20	N	20	N	15
8XX5673A	50	300	3.0	N	N	15	<10	300	N	15	N	20
8XX5673B	10	50	<1.0	N	N	N	N	<5	N	N	N	5
8XX5674A	20	70	2.0	N	150	<10	<10	500	N	500	N	5
8XX5674B	70	300	5.0	N	N	N	<10	150	N	10	N	5
8XX5675A	50	300	<1.0	20	100	15	10	5,000	<50	200	N	7
8XX5675B	30	200	2.0	70	20	30	15	2,000	N	30	N	7
8XX5675C	<10	50	N	30	150	30	N	3,000	<50	50	N	5
8XX5675D	30	200	<1.0	30	<20	20	<10	2,000	<50	N	N	7
8XX5675E	20	50	<1.0	20	N	<10	N	1,000	N	20	N	5
8XX5676B	100	1,000	7.0	N	N	20	<10	500	50	<5	N	7
8XX5677A	50	500	2.0	N	N	N	N	700	N	30	N	5
8XX5678A	30	500	1.5	N	N	30	100	5,000	<50	10	<20	50
8XX5678B	20	70	1.5	N	N	20	50	5,000	N	30	N	50

TABLE 11--RESULTS OF ANALYSES, GOLD HILL MINING DISTRICT, UTAH--Continued

Sample	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa
8XX5670B	30	N	N	N	200	20	N	15	N	<10	N	18.00
8XX5670C	20	200	5	N	N	70	N	20	500	20	N	<.05
8XX5671A	2,000	500	N	30	<100	20	N	<10	300	20	N	.05
8XX5671B	5,000	1,000	N	100	100	15	N	N	500	10	N	.10
8XX5671C	3,000	700	N	50	200	20	20	N	5,000	10	N	<.05
8XX5671D	7,000	2,000	N	300	200	15	<20	N	>10,000	15	N	.30
8XX5671E	50	N	N	N	N	50	N	15	N	100	N	<.05
8XX5672A	100	N	N	N	N	70	N	10	300	30	N	.05
8XX5672B	20	N	N	N	N	15	N	10	200	N	N	.05
8XX5673A	2,000	100	N	N	N	20	N	10	2,000	20	N	.60
8XX5673B	<10	N	N	N	N	<10	N	N	N	N	N	.05
8XX5674A	5,000	700	N	N	N	50	N	N	7,000	N	N	.30
8XX5674B	1,500	300	N	N	N	50	N	<10	2,000	20	N	.05
8XX5675A	10,000	5,000	N	50	200	50	N	N	7,000	20	N	.45
8XX5675B	5,000	2,000	N	30	N	70	N	20	5,000	<10	N	.45
8XX5675C	7,000	3,000	N	100	N	<10	N	N	>10,000	N	N	2.20
8XX5675D	5,000	5,000	N	30	N	15	N	N	10,000	20	N	.35
8XX5675E	15,000	3,000	N	30	N	<10	N	N	7,000	N	N	.35
8XX5676B	200	N	<5	N	300	70	N	10	1,000	100	N	15.00
8XX5677A	3,000	700	N	N	N	20	N	N	5,000	30	N	.05
8XX5678A	50	N	10	100	200	150	N	20	500	150	N	.15
8XX5678B	50	N	7	50	100	150	N	15	500	100	N	.10

TABLE 11--RESULTS OF ANALYSES, GOLD HILL MINING DISTRICT, UTAH--Continued

Sample	AS-PPM ICP	BI-PPM ICP	CD-PPM ICP	SB-PPM ICP	ZN-PPM ICP	Na-pct. s	P-pct. s	Ga-ppm s	Ge-ppm s	HG-PPM CV	F% ISE
8XX5670B	93	<2	.5	8.000	26.000	N	N	5	N	.14	.04
8XX5670C	360	<2	2.4	130.000	360.000	N	N	10	N	.02	.07
8XX5671A	32	<2	14.0	440.000	290.000	.5	N	15	N	.10	.10
8XX5671B	110	<2	9.4	1,100.000	440.000	N	N	5	N	<.20	.06
8XX5671C	63	<2	68.0	660.000	5,300.000	N	N	15	N	.10	.06
8XX5671D	650	3	130.0	1,600.000	9,500.000	N	N	10	N	<.20	.05
8XX5671E	<5	<2	.3	14.000	49.000	3.0	<.2	20	N	<.20	.03
8XX5672A	810	<2	.6	28.000	230.000	.5	<.2	10	N	<.20	.05
8XX5672B	1,000	<2	1.4	12.000	130.000	N	N	<5	N	<.20	.02
8XX5673A	2,800	3	18.0	65.000	1,600.000	N	N	<5	N	.20	.03
8XX5673B	25	<2	<.1	2.000	14.000	N	<.2	N	N	<.02	.01
8XX5674A	2,100	<2	93.0	690.000	5,800.000	N	<.2	N	N	.40	.01
8XX5674B	860	<2	8.9	180.000	1,100.000	N	<.2	5	N	<.20	.02
8XX5675A	>20,000	13	100.0	4,800.000	6,800.000	N	N	15	N	.0	.02
8XX5675B	7,600	120	39.0	2,800.000	4,500.000	N	N	10	N	.0	<.01
8XX5675C	>20,000	27	120.0	4,700.000	20,000.000	N	N	15	N	.0	<.01
8XX5675D	17,000	19	29.0	3,400.000	7,100.000	N	N	10	N	.0	.01
8XX5675E	16,000	8	18.0	4,200.000	4,000.000	N	N	<5	N	.0	<.01
8XX5676B	220	<2	3.4	21.000	630.000	2.0	.2	15	N	N	.02
8XX5677A	770	3	18.0	810.000	3,300.000	N	<.2	<5	N	.80	<.01
8XX5678A	49	4	2.6	13.000	150.000	5.0	N	30	N	N	.02
8XX5678B	42	4	2.0	8.000	89.000	3.0	<.2	20	N	N	.02

TABLE 12--RESULTS OF ANALYSES, HONEYCOMB HILL AREA, UTAH

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

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
6CD5044A	39 42 46	113 34 42	2	1.0	2	.05	1,500	2.0	N	N	300	50
6CD5044B	39 42 46	113 34 42	10	2.0	5	.70	1,000	.5	N	N	100	1,500
6CD5044C	39 42 46	113 34 42	2	.1	1	.05	1,000	<.5	N	N	100	<20

TABLE 12--RESULTS OF ANALYSES, HONEYCOMB HILL AREA, UTAH--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s
6CD5044A	30	N	N	5	<10	10	70	5	200	7	300	N	30
6CD5044B	5	<10	N	50	20	20	20	5	N	30	200	N	70
6CD5044C	10	N	N	N	<10	<5	70	<5	200	<5	200	N	10

TABLE 12--RESULTS OF ANALYSES, HONEYCOMB HILL AREA, UTAH--Continued

Sample	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	AS-PPM ICP	BI-PPM ICP	CD-PPM ICP	SB-PPM ICP	ZN-PPM ICP
6CD5044A	100	N	50	<50	100	<200	100	N	<.1	<5	<2	<.1	7	27
6CD5044B	50	700	200	N	50	200	200	N	<.1	<5	4	1.1	5	88
6CD5044C	70	N	<10	N	200	<200	150	N	<.1	<5	<2	<.1	2	16

TABLE 13--RESULTS OF ANALYSES, HOUSE RANGE, UTAH

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

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s
6EF0001	39 24 31	113 16 5	.05	2.00	>20.0	.005	50	N	N	N
6EF0003	39 26 48	113 17 47	5.00	1.50	>20.0	.050	2,000	N	N	N
6EF0004	39 28 38	113 17 49	3.00	1.00	>20.0	.030	500	N	N	N
6EF0005	39 29 51	113 18 56	3.00	1.50	>20.0	.070	500	N	N	N
6DF0006	39 31 16	113 18 26	.50	.50	>20.0	.020	100	N	N	N
6DF0008	39 32 23	113 19 40	.50	1.00	>20.0	.010	150	N	N	N
6DF0009	39 34 39	113 22 1	.70	1.50	>20.0	.020	150	N	N	N
6DF0010	39 35 4	113 20 20	.50	7.00	20.0	.015	300	N	N	N
6DF0011	39 32 18	113 21 58	2.00	.20	5.0	.050	300	N	N	N
6DF0012	39 30 40	113 21 24	2.00	.20	10.0	.070	300	N	N	N
6FE0088	39 17 4	113 25 17	3.00	2.00	5.0	.100	700	N	N	N
6FE0089	39 18 13	113 24 55	3.00	.50	1.0	.150	500	N	N	N
7DF0100	39 32 7	113 22 6	2.00	>10.00	20.0	.020	>5,000	N	N	N
7DF0101	39 32 6	113 22 6	2.00	10.00	5.0	.010	2,000	N	N	N
7DF0102	39 32 5	113 22 5	2.00	10.00	20.0	.020	>5,000	N	N	N
7DF0103	39 32 4	113 22 4	2.00	>10.00	20.0	.020	5,000	N	N	N
7DF0105	39 32 2	113 22 2	1.50	.20	.5	.100	50	N	N	N
7DF0106	39 32 0	113 22 3	1.00	.50	1.0	.050	300	N	N	N
7DF0107	39 31 59	113 22 2	2.00	10.00	10.0	.005	1,500	N	N	N
7DF0108	39 32 5	113 21 53	.10	.50	>20.0	.020	200	N	N	N
7DF0109	39 32 4	113 21 57	2.00	10.00	7.0	.005	3,000	N	N	N
7DF0110	39 32 2	113 21 55	.50	.70	15.0	.010	500	N	N	N
7DF0111	39 32 1	113 21 56	1.00	.10	.7	.005	100	N	N	N
7DF0112	39 32 3	113 21 51	.50	.20	1.0	.050	500	N	N	N
7DF0113	39 32 5	113 21 51	.30	.20	.5	.030	100	N	N	N
7DF0114	39 32 4	113 21 52	.50	.20	.5	.150	70	N	N	N
7DF0115	39 32 0	113 21 49	.10	.50	20.0	.020	500	N	N	N
7DF0117	39 31 58	113 21 36	2.00	7.00	20.0	.200	3,000	N	N	N
7DF0118	39 31 57	113 21 16	5.00	3.00	15.0	.100	1,000	N	N	N
7DF0119	39 32 2	113 21 35	2.00	2.00	20.0	.100	1,000	N	N	N
7DF0120	39 32 3	113 21 36	1.50	.50	20.0	.050	500	N	2,000	N
7DF0121	39 32 11	113 21 34	.70	.10	.7	.020	500	N	N	N
7DF0122	39 32 12	113 21 40	5.00	.20	2.0	.070	100	N	5,000	N
7DF0123	39 32 21	113 22 0	1.00	10.00	15.0	.020	5,000	N	N	N
7DF0124	39 32 20	113 21 52	3.00	10.00	20.0	.050	3,000	N	N	N
7DF0125	39 32 19	113 21 48	.50	.20	.5	.200	150	N	N	N
7DF0126	39 32 17	113 21 43	.20	1.50	20.0	<.002	500	N	N	N
7DF0127	39 32 20	113 21 43	2.00	10.00	7.0	<.002	2,000	N	N	N
7DF0128	39 32 20	113 22 10	3.00	.50	1.0	.200	500	N	N	N
7DF0129	39 32 23	113 22 9	5.00	10.00	20.0	.010	>5,000	N	N	N
7DF0130	39 32 25	113 22 9	2.00	10.00	10.0	.010	1,000	N	N	N
7DF0131	39 32 25	113 22 12	2.00	10.00	20.0	.020	2,000	N	N	N
7DF0132	39 32 27	113 22 9	2.00	10.00	20.0	<.002	3,000	.5	N	N
7DF0133	39 32 29	113 22 7	2.00	7.00	10.0	.070	1,500	N	N	N
7DF0134	39 32 27	113 22 3	2.00	5.00	10.0	.010	1,500	N	N	N

TABLE 13--RESULTS OF ANALYSES, HOUSE RANGE, UTAH--Continued

Sample	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s
6EF0001	N	70	<1.0	N	N	N	N	<5	N	N	N	N
6EF0003	<10	50	1.0	N	N	15	10	15	20	N	N	30
6EF0004	N	20	<1.0	N	N	10	10	5	N	N	N	20
6EF0005	20	100	<1.0	N	N	5	30	15	<20	N	N	20
6DF0006	N	<20	<1.0	N	N	N	<10	<5	N	N	N	5
6DF0008	<10	50	N	N	N	N	<10	<5	N	N	N	5
6DF0009	N	<20	N	N	N	N	<10	<5	N	N	N	<5
6DF0010	30	70	<1.0	N	N	N	<10	5	N	N	N	5
6DF0011	50	100	3.0	N	N	<5	<10	70	N	N	N	10
6DF0012	70	100	1.0	N	N	N	<10	<5	N	N	N	10
6FE0088	20	500	<1.0	N	N	7	20	20	<20	N	N	10
6FE0089	50	300	1.0	N	N	5	15	20	20	N	N	5
7DF0100	<10	50	N	N	N	N	10	<5	N	N	N	<5
7DF0101	N	50	N	N	N	<5	<10	5	N	<5	N	<5
7DF0102	<10	300	N	N	N	<5	<10	<5	N	<5	N	<5
7DF0103	10	200	<1.0	N	N	N	<10	<5	N	N	N	<5
7DF0105	30	100	2.0	N	N	<5	50	10	N	N	N	10
7DF0106	20	150	1.0	N	N	<5	30	7	N	N	N	15
7DF0107	<10	100	<1.0	N	N	<5	10	20	N	<5	N	10
7DF0108	N	20	N	N	N	N	10	<5	N	N	N	<5
7DF0109	N	70	N	N	N	N	10	10	N	N	N	5
7DF0110	N	70	N	N	N	N	<10	<5	N	N	N	5
7DF0111	10	200	1.0	N	N	<5	<10	7	N	N	N	5
7DF0112	20	500	1.0	N	N	<5	<10	5	N	<5	N	15
7DF0113	10	5,000	<1.0	N	N	N	N	5	N	N	N	5
7DF0114	50	200	3.0	N	N	N	20	<5	<20	N	N	<5
7DF0115	N	20	N	N	N	N	15	<5	N	N	N	<5
7DF0117	15	300	N	N	N	100	50	70	<20	10	N	100
7DF0118	20	200	N	N	N	20	100	20	20	N	N	30
7DF0119	15	100	N	N	N	10	70	5	20	N	N	15
7DF0120	<10	50	N	N	N	<5	20	<5	N	<5	N	5
7DF0121	20	100	1.0	N	N	<5	15	5	N	N	N	7
7DF0122	20	100	1.0	N	N	N	15	15	N	10	N	5
7DF0123	N	200	N	N	N	N	<10	<5	N	<5	N	5
7DF0124	<10	70	N	N	N	<5	20	<5	N	<5	N	7
7DF0125	30	150	1.5	N	N	N	50	5	N	N	N	15
7DF0126	N	20	N	N	N	N	<10	<5	N	N	N	<5
7DF0127	N	<20	N	N	N	N	<10	<5	N	N	N	<5
7DF0128	20	200	1.0	N	N	10	20	<5	20	<5	N	10
7DF0129	<10	50	N	N	N	<5	15	10	N	10	N	10
7DF0130	<10	100	N	N	N	N	10	10	N	<5	N	7
7DF0131	N	70	N	N	N	N	<10	<5	N	N	N	<5
7DF0132	N	50	N	N	N	N	<10	<5	N	N	N	<5
7DF0133	15	100	<1.0	N	N	<5	30	7	N	<5	N	10
7DF0134	<10	150	<1.0	N	N	<5	<10	10	N	<5	N	7

TABLE 13--RESULTS OF ANALYSES, HOUSE RANGE, UTAH--Continued

Sample	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa
6EF0001	N	N	<5	N	1,000	10	N	N	N	<10	N	N
6EF0003	70	N	15	N	700	20	N	50	N	10	N	N
6EF0004	10	N	5	N	500	20	N	15	N	50	N	N
6EF0005	50	N	5	N	700	50	N	10	N	50	N	N
6DF0006	N	N	N	N	700	15	N	N	N	<10	N	N
6DF0008	<10	N	<5	N	700	10	N	N	N	<10	N	N
6DF0009	N	N	<5	N	300	15	N	N	N	10	N	N
6DF0010	N	N	N	N	N	20	N	N	<200	<10	N	N
6DF0011	<10	N	N	N	N	50	N	N	N	20	N	N
6DF0012	30	N	<5	N	N	70	N	<10	<200	150	N	N
6FE0088	200	N	<5	N	N	20	N	10	300	200	N	N
6FE0089	150	N	5	N	N	50	N	50	200	700	N	N
7DF0100	50	N	<5	N	<100	10	N	20	N	100	N	N
7DF0101	50	N	N	N	100	10	N	15	<200	20	N	N
7DF0102	10	N	N	N	150	10	N	15	<200	30	N	N
7DF0103	20	N	<5	N	N	10	N	30	<200	50	N	N
7DF0105	20	<100	N	N	N	70	<50	10	<200	50	N	N
7DF0106	<10	<100	N	N	N	50	N	<10	<200	50	N	N
7DF0107	20	N	N	N	N	50	<50	<10	<200	N	N	N
7DF0108	<10	N	N	N	200	20	N	<10	N	20	N	N
7DF0109	50	N	N	N	N	20	N	N	<200	N	N	N
7DF0110	20	N	N	N	200	20	N	<10	<200	10	N	N
7DF0111	50	200	N	N	N	50	50	<10	<200	<10	N	N
7DF0112	20	100	N	N	N	20	N	<10	<200	20	N	N
7DF0113	<10	150	N	N	N	20	N	<10	<200	10	N	N
7DF0114	20	<100	5	N	N	100	N	10	<200	20	N	N
7DF0115	N	N	<5	N	200	15	N	10	<200	20	N	N
7DF0117	100	100	10	N	100	100	N	30	<200	70	N	N
7DF0118	30	N	15	N	500	50	N	30	N	30	N	N
7DF0119	70	N	7	N	300	20	N	30	<200	70	N	N
7DF0120	20	N	5	N	200	15	N	20	N	15	N	N
7DF0121	10	N	N	N	N	30	N	N	<200	10	N	N
7DF0122	200	200	N	N	N	30	N	<10	<200	50	N	N
7DF0123	200	N	N	N	100	20	N	<10	<200	10	N	N
7DF0124	10	N	<5	N	N	15	N	30	N	150	N	N
7DF0125	20	<100	N	N	N	50	N	<10	<200	50	N	N
7DF0126	N	N	N	N	N	20	N	N	<200	<10	N	N
7DF0127	10	N	N	N	N	10	N	N	<200	N	N	N
7DF0128	<10	N	10	N	N	50	N	100	<200	500	N	N
7DF0129	20	N	N	N	100	10	N	10	N	10	N	N
7DF0130	200	N	<5	N	N	30	N	<10	<200	10	N	N
7DF0131	10	N	N	N	N	10	N	10	<200	70	N	N
7DF0132	15	N	N	N	<100	10	N	N	<200	N	N	N
7DF0133	<10	<100	<5	N	N	30	N	10	<200	20	N	N
7DF0134	<10	100	<5	N	N	50	N	<10	<200	N	N	N

TABLE 13--RESULTS OF ANALYSES, HOUSE RANGE, UTAH--Continued

Sample	AS-PPM ICP	BI-PPM ICP	CD-PPM ICP	SB-PPM ICP	ZN-PPM ICP	Na-pct. s	P-pct. s	Ga-ppm s	Ge-ppm s	HG-PPM CV	F% ISE
6EF0001	<5	<2	<.1	<2	20	--	--	--	--	--	--
6EF0003	<5	<2	1.4	<2	50	--	--	--	--	--	--
6EF0004	8	<2	.6	<2	23	--	--	--	--	--	--
6EF0005	6	<2	.3	<2	15	--	--	--	--	--	--
6DF0006	15	<2	.1	2	10	--	--	--	--	--	--
6DF0008	<5	<2	<.1	<2	5	--	--	--	--	--	--
6DF0009	8	<2	.2	<2	<2	--	--	--	--	--	--
6DF0010	7	<2	.2	<2	<2	--	--	--	--	--	--
6DF0011	110	<2	.3	24	8	--	--	--	--	--	--
6DF0012	37	<2	.4	3	11	--	--	--	--	--	--
6FE0088	86	<2	.6	4	70	--	--	--	--	--	--
6FE0089	<5	<2	.4	<2	38	--	--	--	--	--	--
7DF0100	N	N	N	N	10	--	--	--	--	--	--
7DF0101	N	N	N	N	15	--	--	--	--	--	--
7DF0102	N	N	N	N	10	--	--	--	--	--	--
7DF0103	N	N	N	N	10	--	--	--	--	--	--
7DF0105	30	N	N	6	N	--	--	--	--	--	--
7DF0106	30	1	N	8	10	--	--	--	--	--	--
7DF0107	10	N	N	6	20	--	--	--	--	--	--
7DF0108	20	N	N	6	N	--	--	--	--	--	--
7DF0109	N	N	N	N	20	--	--	--	--	--	--
7DF0110	40	1	N	N	<5	--	--	--	--	--	--
7DF0111	50	N	.1	38	5	--	--	--	--	--	--
7DF0112	20	N	.2	2	5	--	--	--	--	--	--
7DF0113	N	N	N	4	N	--	--	--	--	--	--
7DF0114	30	N	N	2	N	--	--	--	--	--	--
7DF0115	N	N	N	N	N	--	--	--	--	--	--
7DF0117	140	N	2.8	70	90	--	--	--	--	--	--
7DF0118	N	N	N	N	45	--	--	--	--	--	--
7DF0119	20	N	N	N	15	--	--	--	--	--	--
7DF0120	700	N	N	6	25	--	--	--	--	--	--
7DF0121	50	N	N	2	N	--	--	--	--	--	--
7DF0122	>2,000	1	N	220	N	--	--	--	--	--	--
7DF0123	10	N	1.7	2	260	--	--	--	--	--	--
7DF0124	10	N	N	N	10	--	--	--	--	--	--
7DF0125	10	N	N	N	5	--	--	--	--	--	--
7DF0126	N	N	.2	<2	10	--	--	--	--	--	--
7DF0127	N	1	.1	N	N	--	--	--	--	--	--
7DF0128	20	1	N	N	5	--	--	--	--	--	--
7DF0129	N	N	.2	<2	40	--	--	--	--	--	--
7DF0130	N	N	.1	<2	30	--	--	--	--	--	--
7DF0131	N	N	N	N	5	--	--	--	--	--	--
7DF0132	10	N	.2	2	15	--	--	--	--	--	--
7DF0133	40	N	N	20	5	--	--	--	--	--	--
7DF0134	40	N	N	10	5	--	--	--	--	--	--

TABLE 13--RESULTS OF ANALYSES, HOUSE RANGE, UTAH--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
7DF0135	39 32 27	113 22 4	2.00	.20	1.5	.015	300	N	N	N
7DF0136	39 32 27	113 22 3	2.00	10.00	10.0	.002	1,000	N	N	N
7DF0137	39 32 14	113 21 35	1.00	.20	1.0	.010	500	<.5	1,000	N
7DF0138	39 32 13	113 21 34	2.00	.10	.5	.050	200	<.5	300	N
7DF0139	39 32 13	113 21 33	2.00	.05	.7	.020	200	<.5	<200	N
7DF0140	39 32 12	113 21 34	.50	.10	.7	.050	150	N	N	N
7DF0145	39 32 8	113 21 26	.70	.50	.5	.200	100	N	N	N
7DF0146	39 32 8	113 21 20	2.00	2.00	20.0	.050	1,000	N	<200	N
7DF0147	39 32 10	113 21 5	3.00	2.00	20.0	.200	1,000	N	N	N
7DF0148	39 32 12	113 21 4	1.00	.20	.5	.200	50	N	N	N
7DF0149	39 32 8	113 21 4	2.00	1.50	>20.0	.100	1,000	N	N	N
7DF0150	39 32 16	113 21 2	.30	.30	>20.0	.015	300	N	N	N
7DF0151	39 32 19	113 21 11	2.00	.20	.2	.150	70	N	300	N
7DF0152	39 32 18	113 21 14	.50	.20	1.5	.100	100	N	N	N
7DF0153	39 32 23	113 21 16	1.50	.20	.5	.200	70	1.0	200	N
7DF0154	39 32 20	113 21 24	.50	.50	1.0	.200	300	N	N	N
7DF0155	39 32 17	113 21 27	1.00	.30	.7	.200	100	N	<200	N
7DF0156	39 32 50	113 21 31	.20	.50	20.0	.030	500	N	N	N
7DF0157	39 32 48	113 21 31	1.00	.15	.3	.150	70	N	N	N
7DF0158	39 32 45	113 21 29	.20	2.00	20.0	.003	100	N	N	N
7DF0159	39 32 43	113 21 31	1.00	.10	.5	.100	300	N	500	N
7DF0160	39 32 38	113 21 38	.20	.10	1.0	.050	300	N	N	N
7DF0161	39 32 42	113 21 22	.50	.10	.3	.100	150	N	N	N
7DF0162	39 32 47	113 21 20	1.50	.20	1.0	.100	200	N	300	N
7DF0163	39 32 54	113 21 21	1.50	.15	.7	.150	200	N	500	N
7DF0164	39 32 53	113 21 21	3.00	.20	.7	.300	300	N	500	N
7DF0165	39 32 54	113 21 27	1.00	.10	.7	.150	200	N	<200	N
7DF0166	39 32 57	113 21 24	2.00	.20	.5	.200	100	N	200	N
7DF0167	39 32 56	113 21 28	.50	1.00	20.0	.020	300	N	N	N
7DF0172	39 33 11	113 21 49	2.00	.10	.5	.070	200	N	<200	N
6FF1000R	39 18 18	113 17 45	1.00	.30	>20.0	.010	300	N	N	N
6FF1001R	39 16 38	113 21 1	1.00	1.50	>20.0	.010	100	1.0	N	N
6FF1002R	39 17 43	113 20 37	.70	1.50	>20.0	.030	200	N	N	N
6FF1004R	39 21 7	113 19 16	2.00	.50	>20.0	.010	3,000	N	N	N
6FG1007R	39 20 14	113 14 6	.70	1.50	>20.0	.020	200	N	N	N
6FG1008R	39 20 26	113 13 11	.30	>10.00	>20.0	.015	200	N	N	N
6FG1009R	39 22 4	113 12 46	1.00	>10.00	>20.0	.050	200	N	N	N
6EG1010R	39 23 12	113 14 17	.10	1.00	>20.0	.015	100	N	N	N
6GE1013R	39 14 37	113 22 47	15.00	.20	20.0	.020	500	N	3,000	N
6EF1014R	39 29 41	113 21 55	10.00	.50	1.0	.300	500	N	N	N
6EF1015R	39 27 50	113 21 49	5.00	.20	1.0	.100	300	N	N	N
6EF1016R	39 26 43	113 21 49	7.00	.20	1.5	.050	3,000	N	N	N
6EF1019R	39 22 51	113 21 11	20.00	1.50	.2	.150	700	N	N	N
6FF1020R	39 21 39	113 20 50	7.00	1.50	.3	.700	200	N	N	N
6FF1021R	39 20 34	113 21 57	7.00	1.00	>20.0	.005	2,000	.5	N	N

TABLE 13--RESULTS OF ANALYSES, HOUSE RANGE, UTAH--Continued

Sample	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s
7DF0135	20	300	1.0	N	N	<5	10	15	N	<5	N	7
7DF0136	N	<20	N	N	N	N	<10	<5	N	<5	N	10
7DF0137	<10	150	1.0	N	N	10	<10	15	N	<5	N	15
7DF0138	10	100	<1.0	N	N	<5	10	10	N	<5	N	10
7DF0139	10	100	1.0	N	N	<5	20	20	N	<5	N	10
7DF0140	10	150	<1.0	N	N	<5	10	10	N	N	N	5
7DF0145	30	200	1.0	N	N	N	70	7	<20	<5	N	15
7DF0146	<10	50	N	N	N	5	50	5	N	N	N	5
7DF0147	50	200	N	N	N	20	100	5	30	<5	N	20
7DF0148	50	200	2.0	N	N	5	100	7	20	<5	N	15
7DF0149	<10	100	<1.0	N	N	15	70	20	20	N	N	20
7DF0150	N	20	N	N	N	N	15	<5	N	N	N	<5
7DF0151	50	150	5.0	N	N	5	50	10	<20	<5	N	20
7DF0152	20	300	5.0	N	N	<5	<10	5	<20	<5	N	10
7DF0153	30	300	1.5	N	N	<5	50	10	<20	5	N	15
7DF0154	15	500	2.0	N	N	<5	70	5	N	7	N	20
7DF0155	20	1,500	2.0	N	N	5	70	5	<20	5	N	15
7DF0156	<10	100	1.0	N	N	N	N	<5	<20	N	N	<5
7DF0157	20	200	3.0	N	N	<5	30	7	<20	<5	N	10
7DF0158	N	<20	N	N	N	N	10	<5	N	N	N	<5
7DF0159	20	200	5.0	N	N	<5	<10	10	<20	15	N	20
7DF0160	15	300	1.0	N	N	<5	<10	<5	<20	N	N	10
7DF0161	20	500	1.0	N	N	<5	20	5	<20	N	N	10
7DF0162	20	200	2.0	N	N	5	10	10	N	10	N	20
7DF0163	50	500	5.0	N	N	<5	20	20	50	10	N	20
7DF0164	20	500	2.0	N	N	10	70	30	20	10	<20	50
7DF0165	30	300	7.0	N	N	<5	20	10	<20	10	N	20
7DF0166	30	200	3.0	N	N	7	50	20	30	7	N	30
7DF0167	N	50	<1.0	N	N	N	N	7	N	N	N	<5
7DF0172	15	200	1.5	N	N	<5	10	7	N	5	N	20
6FF1000R	N	<20	N	N	N	N	<10	<5	N	N	N	10
6FF1001R	N	N	N	N	N	N	<10	<5	N	N	N	5
6FF1002R	<10	20	2.0	N	N	N	<10	<5	N	N	N	5
6FF1004R	10	20	<1.0	N	N	N	<10	<5	N	N	N	10
6FG1007R	10	50	N	N	N	N	10	7	N	N	N	7
6FG1008R	N	<20	<1.0	N	N	N	<10	5	N	N	N	<5
6FG1009R	N	30	N	N	N	N	10	10	N	N	N	7
6EG1010R	N	N	N	N	N	N	<10	<5	N	N	N	<5
6GE1013R	30	70	10.0	N	N	7	<10	20	N	N	N	7
6EF1014R	100	1,000	7.0	N	N	10	30	5	200	15	20	10
6EF1015R	50	500	5.0	N	N	N	20	5	50	N	N	10
6EF1016R	50	150	1.0	N	N	<5	<10	<5	N	N	N	7
6EF1019R	100	700	1.0	N	N	7	20	30	100	<5	N	10
6FF1020R	100	1,500	5.0	N	N	5	50	5	100	N	50	20
6FF1021R	N	100	N	N	N	5	<10	20	N	N	N	10

TABLE 13--RESULTS OF ANALYSES, HOUSE RANGE, UTAH--Continued

Sample	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa
7DF0135	50	100	N	N	N	100	<50	<10	<200	30	N	N
7DF0136	N	N	N	N	N	10	N	N	N	N	N	N
7DF0137	30	500	N	N	N	100	N	N	<200	N	N	N
7DF0138	50	200	N	N	N	70	N	<10	<200	20	N	N
7DF0139	20	200	N	N	N	70	50	N	<200	10	N	N
7DF0140	<10	<100	N	N	N	50	N	N	<200	20	N	N
7DF0145	20	<100	N	N	N	50	N	10	<200	70	N	N
7DF0146	200	N	5	N	500	20	N	20	N	20	N	N
7DF0147	50	N	10	N	300	50	N	50	N	100	N	N
7DF0148	10	100	<5	N	N	70	N	<10	<200	70	N	N
7DF0149	70	N	10	N	500	50	N	50	<200	70	N	N
7DF0150	20	N	N	N	150	30	N	<10	<200	<10	N	N
7DF0151	15	200	<5	N	N	100	N	<10	<200	70	N	N
7DF0152	10	150	N	N	<100	50	N	<10	<200	50	N	N
7DF0153	20	200	N	N	<100	70	N	<10	<200	70	N	N
7DF0154	20	<100	<5	N	N	70	N	<10	<200	50	N	N
7DF0155	15	<100	N	N	N	100	N	<10	<200	100	N	N
7DF0156	20	N	5	N	500	30	N	20	<200	30	N	N
7DF0157	10	100	<5	N	<100	100	N	<10	<200	50	N	N
7DF0158	N	N	N	N	500	10	N	N	<200	N	N	N
7DF0159	10	100	5	N	N	50	N	N	<200	70	N	N
7DF0160	<10	300	N	N	N	30	N	N	<200	20	N	N
7DF0161	<10	300	N	N	N	50	N	N	<200	30	N	N
7DF0162	20	100	N	N	200	100	N	10	<200	100	N	N
7DF0163	15	<100	10	N	500	150	N	15	<200	70	N	N
7DF0164	20	100	<5	N	500	30	N	30	<200	100	N	N
7DF0165	10	<100	<5	N	200	150	N	10	<200	100	N	N
7DF0166	30	<100	5	N	700	150	N	20	<200	100	N	N
7DF0167	150	N	<5	N	500	20	N	<10	N	<10	N	N
7DF0172	10	100	N	N	N	70	N	<10	<200	50	N	N
6FF1000R	10	N	N	N	300	10	N	N	N	20	N	N
6FF1001R	10	N	N	N	500	10	N	N	N	10	N	N
6FF1002R	10	N	N	N	500	10	N	N	N	10	N	N
6FF1004R	10	N	50	N	700	20	N	500	<200	15	N	N
6FG1007R	10	N	N	N	1,000	20	N	10	<200	10	N	N
6FG1008R	20	N	5	N	N	10	N	<10	<200	10	N	N
6FG1009R	<10	N	<5	N	200	20	N	<10	<200	30	N	N
6EG1010R	<10	N	N	N	1,000	10	N	<10	N	<10	N	N
6GE1013R	50	100	5	N	100	100	1,000	50	200	200	N	N
6EF1014R	50	N	20	N	<100	100	N	150	200	1,000	N	N
6EF1015R	10	N	10	N	<100	70	N	100	<200	200	N	N
6EF1016R	N	N	10	N	100	70	N	30	<200	100	N	N
6EF1019R	50	N	10	N	<100	50	N	100	200	1,000	N	N
6FF1020R	50	N	20	N	<100	100	N	150	N	1,000	N	N
6FF1021R	100	N	N	N	150	100	N	<10	<200	<10	N	N

TABLE 13--RESULTS OF ANALYSES, HOUSE RANGE, UTAH--Continued

Sample	AS-PPM ICP	BI-PPM ICP	CD-PPM ICP	SB-PPM ICP	ZN-PPM ICP	Na-pct. s	P-pct. s	Ga-ppm s	Ge-ppm s	HG-PPM CV	F% ISE
7DF0135	130	1	N	36	5	--	--	--	--	--	--
7DF0136	10	N	N	N	N	--	--	--	--	--	--
7DF0137	500	N	.2	100	20	--	--	--	--	--	--
7DF0138	200	N	.2	70	<5	--	--	--	--	--	--
7DF0139	130	N	.3	50	5	--	--	--	--	--	--
7DF0140	30	N	.2	2	N	--	--	--	--	--	--
7DF0145	80	1	N	10	N	--	--	--	--	--	--
7DF0146	140	N	.1	4	5	--	--	--	--	--	--
7DF0147	10	1	N	4	N	--	--	--	--	--	--
7DF0148	70	N	N	10	20	--	--	--	--	--	--
7DF0149	N	N	N	<2	25	--	--	--	--	--	--
7DF0150	10	N	.1	2	5	--	--	--	--	--	--
7DF0151	200	N	.2	42	5	--	--	--	--	--	--
7DF0152	90	N	.1	14	10	--	--	--	--	--	--
7DF0153	200	N	.1	36	10	--	--	--	--	--	--
7DF0154	30	N	.2	6	<5	--	--	--	--	--	--
7DF0155	50	N	.1	4	5	--	--	--	--	--	--
7DF0156	10	N	.2	2	10	--	--	--	--	--	--
7DF0157	100	N	N	14	5	--	--	--	--	--	--
7DF0158	N	N	.1	N	N	--	--	--	--	--	--
7DF0159	230	N	.1	50	20	--	--	--	--	--	--
7DF0160	30	N	.1	6	N	--	--	--	--	--	--
7DF0161	30	N	.1	12	N	--	--	--	--	--	--
7DF0162	200	N	.3	30	30	--	--	--	--	--	--
7DF0163	190	N	.6	18	20	--	--	--	--	--	--
7DF0164	200	N	.3	50	20	--	--	--	--	--	--
7DF0165	100	N	.2	10	35	--	--	--	--	--	--
7DF0166	200	N	.2	20	25	--	--	--	--	--	--
7DF0167	30	N	.1	N	10	--	--	--	--	--	--
7DF0172	200	N	.2	24	20	--	--	--	--	--	--
6FF1000R	5	<2	.2	4	10	--	--	--	--	--	--
6FF1001R	<5	<2	<.1	<2	5	--	--	--	--	--	--
6FF1002R	12	<2	.2	4	19	--	--	--	--	--	--
6FF1004R	<5	<2	.7	<2	29	--	--	--	--	--	--
6FG1007R	<5	<2	.1	<2	3	--	--	--	--	--	--
6FG1008R	<5	<2	.1	3	<2	--	--	--	--	--	--
6FG1009R	<5	<2	.4	<2	<2	--	--	--	--	--	--
6EG1010R	<5	<2	<.1	<2	9	--	--	--	--	--	--
6GE1013R	1,200	<2	3.2	76	67	--	--	--	--	--	--
6EF1014R	8	<2	.3	<2	14	--	--	--	--	--	--
6EF1015R	5	<2	.3	<2	6	--	--	--	--	--	--
6EF1016R	7	<2	1.2	<2	11	--	--	--	--	--	--
6EF1019R	33	<2	4.2	<2	28	--	--	--	--	--	--
6FF1020R	5	<2	.5	<2	20	--	--	--	--	--	--
6FF1021R	46	<2	1.5	<2	130	--	--	--	--	--	--

TABLE 13--RESULTS OF ANALYSES, HOUSE RANGE, UTAH--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
6FE1023R	39 17 22	113 23 38	.50	10.00	>20.0	.020	100	N	N	N
6DF1061R	39 35 19	113 22 26	.10	10.00	20.0	.010	150	N	N	N
6DF1062R	39 33 9	113 18 28	<.05	.50	>20.0	.005	150	N	N	N
6DF1063R	39 32 9	113 19 21	2.00	.50	3.0	.007	300	N	N	N
6EF1068R	39 24 57	113 16 56	.07	5.00	7.0	N	100	N	N	N
6FF1075R	39 18 15	113 19 40	.20	1.00	>20.0	.010	500	N	N	N
6GE1076R	39 14 43	113 24 12	.10	.20	>20.0	.015	200	N	N	N
7DE2074	39 34 48	113 22 59	.50	.10	.2	.050	300	N	<200	N
7DE2075	39 34 50	113 22 52	.50	.20	.5	.150	20	5.0	N	N
7DF2076	39 32 51	113 21 31	1.50	.05	.5	.050	150	N	500	N
7DF2077	39 33 7	113 21 41	1.00	.10	1.0	.050	500	N	N	N
7DE2090	39 33 58	113 22 49	.30	.10	.3	.100	50	N	N	N
7DE2091	39 33 47	113 22 48	.50	.10	.5	.100	150	N	N	N
7DE2092	39 33 40	113 22 24	.70	.10	.1	.070	50	N	N	N
7DE2093	39 32 5	113 21 57	.20	.07	.5	.010	200	N	N	N
7DF2094	39 32 11	113 21 56	.20	.10	.5	.020	200	N	N	N
7DF2095	39 32 29	113 22 5	2.00	.10	.5	.070	200	N	N	N
7DF2096	39 32 10	113 21 35	.50	.10	.2	.005	200	N	200	N
7DF2097	39 30 46	113 21 18	1.50	.10	.2	.030	200	N	200	N
7DE2098	39 34 23	113 22 45	.30	.15	.3	.100	70	N	N	N
6DF5005A	39 32 11	113 20 49	5.00	1.50	>20.0	.100	500	N	N	N
6DF5005B	39 32 11	113 20 49	5.00	1.00	>20.0	.050	2,000	N	N	N
6DF5006	39 32 3	113 20 54	5.00	1.00	>20.0	.100	1,000	N	N	N
6DF5007	39 32 6	113 21 9	7.00	10.00	>20.0	N	5,000	N	N	N
6DF5008	39 32 3	113 21 11	2.00	2.00	>20.0	.070	500	N	N	N
6DF5010A	39 31 42	113 21 24	5.00	1.00	5.0	.010	2,000	N	N	N
6DF5010B	39 31 42	113 21 24	.50	.05	1.0	.010	150	N	N	N
6DF5010C	39 31 42	113 21 24	2.00	.05	1.0	.010	150	N	<200	N
6DF5011	39 31 38	113 21 26	1.00	.10	2.0	.030	150	N	N	N
6DF5012	39 32 52	113 20 56	2.00	.30	>20.0	.005	200	N	N	N
6DF5013A	39 33 11	113 21 44	1.00	.20	10.0	.030	500	N	N	N
6DF5013B	39 33 11	113 21 44	1.50	.20	2.0	.050	1,000	N	N	N
6DF5014	39 33 19	113 21 45	1.50	.10	.5	.200	20	N	N	N
6DE5031	39 33 48	113 22 42	2.00	1.00	>20.0	.070	2,000	N	200	N
6DE5032	39 33 52	113 22 40	5.00	5.00	>20.0	.015	2,000	N	N	N
6DE5033	39 34 6	113 22 41	5.00	2.00	10.0	.050	1,000	N	<200	N
6DE5034A	39 34 12	113 22 36	.70	.10	1.0	.020	2,000	<.5	<200	N
6DE5034B	39 34 12	113 22 36	5.00	.20	2.0	.150	300	N	200	N
6DE5035	39 34 18	113 22 38	1.00	.30	1.0	.200	150	<.5	N	N
7DE5160	39 34 23	113 22 43	1.00	.10	.7	.100	100	.5	N	N
7DE5163	39 34 27	113 22 48	2.00	10.00	15.0	.020	2,000	N	N	N
7DF5164	39 30 4	113 20 39	.70	.50	20.0	.030	70	N	N	N
7DF5165	39 30 44	113 21 17	5.00	.10	.5	.020	200	<.5	500	N
7DF5166	39 30 49	113 21 20	1.50	.10	.5	.030	500	N	N	N
7DF5167	39 30 51	113 21 12	1.00	.10	.5	.100	200	N	N	N

TABLE 13--RESULTS OF ANALYSES, HOUSE RANGE, UTAH--Continued

Sample	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s
6FE1023R	N	30	<1.0	N	N	N	<10	<5	N	5	N	5
6DF1061R	N	<20	N	N	N	N	N	<5	N	N	N	N
6DF1062R	N	N	N	N	N	N	N	<5	N	N	N	N
6DF1063R	15	100	<1.0	N	N	10	<10	5	N	N	N	10
6EF1068R	N	N	<1.0	N	N	N	<10	<5	N	N	N	<5
6FF1075R	N	<20	N	N	N	N	<10	<5	N	N	N	<5
6GE1076R	N	<20	N	N	N	N	<10	5	N	N	N	N
7DE2074	20	200	2.0	N	N	<5	10	7	<20	7	N	10
7DE2075	50	1,000	3.0	N	N	<5	20	7	50	5	N	7
7DF2076	20	300	5.0	N	N	<5	10	5	<20	10	N	7
7DF2077	15	500	5.0	N	N	<5	10	10	<20	10	N	30
7DE2090	20	200	3.0	N	N	N	10	<5	<20	N	N	5
7DE2091	30	500	3.0	N	N	N	10	5	<20	5	N	5
7DE2092	30	500	5.0	N	N	<5	10	<5	<20	5	N	5
7DE2093	10	>5,000	2.0	N	N	N	10	7	<20	N	N	5
7DF2094	10	200	2.0	N	N	<5	<10	<5	<20	N	N	5
7DF2095	20	150	2.0	N	N	<5	<10	7	<20	<5	N	10
7DF2096	10	100	1.5	N	N	<5	<10	5	N	<5	N	7
7DF2097	10	150	1.0	N	N	<5	<10	10	N	N	N	10
7DE2098	30	150	5.0	N	N	<5	10	5	<20	N	N	7
6DF5005A	<10	100	N	N	N	5	30	15	N	<5	N	10
6DF5005B	N	20	1.0	N	N	<5	<10	10	N	N	N	5
6DF5006	<10	50	<1.0	N	N	10	20	30	N	10	N	20
6DF5007	N	<20	N	N	N	N	<10	10	N	<5	N	7
6DF5008	N	<20	N	N	N	7	<10	5	N	N	N	7
6DF5010A	70	5,000	3.0	N	N	<5	10	50	N	10	N	30
6DF5010B	30	200	3.0	N	N	N	<10	<5	N	N	N	5
6DF5010C	30	5,000	2.0	N	N	N	<10	20	N	N	N	5
6DF5011	30	>5,000	2.0	N	N	N	<10	<5	N	5	N	5
6DF5012	N	20	<1.0	N	N	N	<10	5	N	<5	N	10
6DF5013A	20	500	3.0	N	N	10	10	15	N	7	N	10
6DF5013B	30	500	5.0	N	N	5	15	20	N	5	N	20
6DF5014	50	200	10.0	N	N	N	10	10	<20	5	N	5
6DE5031	70	300	1.5	N	N	10	10	10	N	100	N	30
6DE5032	<10	>5,000	<1.0	N	N	<5	10	10	N	10	N	20
6DE5033	50	200	2.0	N	N	5	10	15	N	20	N	10
6DE5034A	50	100	10.0	N	N	N	<10	5	N	5	200	5
6DE5034B	100	2,000	3.0	N	N	10	20	10	N	20	N	20
6DE5035	150	2,000	3.0	N	N	<5	20	7	N	N	N	10
7DE5160	20	150	1.5	N	N	<5	50	5	N	5	N	7
7DE5163	<10	100	<1.0	N	N	N	10	5	N	10	N	10
7DF5164	N	<20	N	N	N	N	10	<5	N	N	N	5
7DF5165	15	200	<1.0	N	N	<5	20	15	N	<5	N	5
7DF5166	15	1,000	1.0	N	N	N	<10	5	N	N	N	5
7DF5167	20	2,000	<1.0	N	N	N	10	<5	N	N	N	<5

TABLE 13--RESULTS OF ANALYSES, HOUSE RANGE, UTAH--Continued

Sample	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa
6FE1023R	N	N	N	N	300	15	N	<10	<200	15	N	N
6DF1061R	10	N	N	N	N	<10	N	N	<200	N	N	N
6DF1062R	N	N	N	N	300	<10	N	N	N	N	N	N
6DF1063R	N	N	N	N	N	50	N	N	<200	<10	N	N
6EF1068R	<10	N	N	N	N	<10	N	N	200	N	N	N
6FF1075R	N	N	N	N	500	<10	N	N	N	<10	N	N
6GE1076R	50	N	N	N	<100	<10	N	<10	N	10	N	N
7DE2074	100	200	<5	N	N	20	N	<10	<200	70	N	N
7DE2075	<10	N	<5	N	N	70	N	15	<200	150	N	N
7DF2076	<10	<100	<5	N	N	100	N	<10	<200	30	N	N
7DF2077	15	100	<5	N	N	50	N	10	<200	50	N	N
7DE2090	<10	N	5	N	N	50	N	<10	<200	70	N	N
7DE2091	10	<100	<5	N	N	50	N	<10	<200	70	N	N
7DE2092	10	<100	<5	N	N	50	N	N	<200	20	N	N
7DE2093	10	100	N	N	N	70	N	N	<200	<10	N	N
7DF2094	<10	100	<5	N	N	20	N	N	<200	<10	N	N
7DF2095	20	150	N	N	N	50	N	<10	<200	50	N	N
7DF2096	10	1,000	<5	N	N	20	N	N	<200	<10	N	N
7DF2097	10	<100	N	N	N	20	N	N	<200	20	N	N
7DE2098	<10	<100	<5	N	N	50	N	<10	<200	70	N	N
6DF5005A	10	N	5	N	1,000	70	N	20	N	50	N	N
6DF5005B	<10	N	N	N	700	15	N	30	N	10	N	N
6DF5006	70	N	5	N	500	50	N	50	N	70	N	N
6DF5007	N	N	N	N	100	20	N	<10	N	N	N	N
6DF5008	20	N	N	N	1,000	20	N	<10	N	10	N	N
6DF5010A	30	200	<5	N	<100	50	50	<10	N	<10	N	N
6DF5010B	N	300	N	N	N	50	100	N	<200	<10	N	N
6DF5010C	15	500	N	N	N	150	<50	<10	<200	<10	N	N
6DF5011	50	200	N	N	200	30	50	N	<200	<10	N	N
6DF5012	20	N	N	N	500	50	N	N	N	N	N	N
6DF5013A	300	100	N	N	N	50	N	<10	<200	<10	N	N
6DF5013B	<10	100	<5	N	<100	50	N	10	<200	50	N	N
6DF5014	20	100	<5	N	100	100	N	<10	<200	50	N	N
6DE5031	300	300	15	N	200	--	N	10	500	70	N	.10
6DE5032	100	N	5	N	500	--	N	<10	<200	<10	N	<.10
6DE5033	100	100	7	N	<100	--	N	<10	200	20	N	<.10
6DE5034A	10	<100	10	20	N	--	N	100	<200	100	N	<.10
6DE5034B	30	200	5	N	100	--	N	<10	200	100	N	<.10
6DE5035	20	150	<5	N	<100	--	N	<10	<200	150	N	<.10
7DE5160	50	100	N	N	N	50	N	<10	<200	50	N	N
7DE5163	200	N	N	N	N	20	N	<10	<200	20	N	N
7DF5164	100	N	N	N	200	15	N	<10	N	10	N	N
7DF5165	300	100	N	N	N	70	100	<10	<200	10	N	N
7DF5166	50	100	N	N	N	100	50	N	<200	20	N	N
7DF5167	10	<100	N	N	N	70	<50	<10	<200	50	N	N

TABLE 13--RESULTS OF ANALYSES, HOUSE RANGE, UTAH--Continued

Sample	AS-PPM ICP	BI-PPM ICP	CD-PPM ICP	SB-PPM ICP	ZN-PPM ICP	Na-pct. s	P-pct. s	Ga-ppm s	Ge-ppm s	HG-PPM CV	F% ISE
6FE1023R	5	<2	.2	<2	<2	--	--	--	--	--	--
6DF1061R	<5	<2	<.1	<2	<2	--	--	--	--	--	--
6DF1062R	<5	<2	<.1	<2	<2	--	--	--	--	--	--
6DF1063R	290	<2	.5	26	17	--	--	--	--	--	--
6EF1068R	<5	<2	.2	<2	<2	--	--	--	--	--	--
6FF1075R	28	<2	.2	<2	8	--	--	--	--	--	--
6GE1076R	8	<2	.3	<2	7	--	--	--	--	--	--
7DE2074	100	N	.5	10	65	--	--	--	--	--	--
7DE2075	20	N	.1	N	<5	--	--	--	--	--	--
7DF2076	200	N	.2	24	<5	--	--	--	--	--	--
7DF2077	30	N	.3	2	25	--	--	--	--	--	--
7DE2090	20	N	N	N	5	--	--	--	--	--	--
7DE2091	40	N	.1	4	5	--	--	--	--	--	--
7DE2092	120	N	N	6	10	--	--	--	--	--	--
7DE2093	10	N	N	2	5	--	--	--	--	--	--
7DF2094	N	N	N	<2	N	--	--	--	--	--	--
7DF2095	70	N	N	6	15	--	--	--	--	--	--
7DF2096	110	N	N	22	10	--	--	--	--	--	--
7DF2097	90	N	.9	6	<5	--	--	--	--	--	--
7DE2098	10	N	N	N	<5	--	--	--	--	--	--
6DF5005A	13	<2	.6	<2	36	--	--	--	--	--	--
6DF5005B	<5	<2	.7	<2	31	--	--	--	--	--	--
6DF5006	11	<2	1.0	<2	17	--	--	--	--	--	--
6DF5007	61	<2	.8	11	<2	--	--	--	--	--	--
6DF5008	<5	<2	.3	<2	3	--	--	--	--	--	--
6DF5010A	65	<2	.4	27	93	--	--	--	--	--	--
6DF5010B	22	<2	<.1	8	6	--	--	--	--	--	--
6DF5010C	110	<2	.1	30	6	--	--	--	--	--	--
6DF5011	27	<2	.3	15	7	--	--	--	--	--	--
6DF5012	43	<2	.4	<2	52	--	--	--	--	--	--
6DF5013A	36	<2	.5	6	21	--	--	--	--	--	--
6DF5013B	25	<2	.3	2	16	--	--	--	--	--	--
6DF5014	82	<2	<.1	8	7	--	--	--	--	--	--
6DE5031	340	<2	9.4	140	330	--	--	--	--	--	--
6DE5032	90	<2	.7	4	17	--	--	--	--	--	--
6DE5033	270	<2	1.0	38	97	--	--	--	--	--	--
6DE5034A	11	<2	.1	3	26	--	--	--	--	--	--
6DE5034B	310	<2	.4	100	57	--	--	--	--	--	--
6DE5035	27	<2	.1	6	15	--	--	--	--	--	--
7DE5160	50	1	N	6	N	--	--	--	--	--	--
7DE5163	20	N	.4	2	100	--	--	--	--	--	--
7DF5164	70	N	.1	2	25	--	--	--	--	--	--
7DF5165	700	1	.3	50	10	--	--	--	--	--	--
7DF5166	70	N	.1	26	30	--	--	--	--	--	--
7DF5167	70	N	.1	4	N	--	--	--	--	--	--

TABLE 13--RESULTS OF ANALYSES, HOUSE RANGE, UTAH--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
7DF5168	39 30 59	113 21 15	10.00	.20	.5	.200	50	<.5	7,000	N
7DF5169	39 31 2	113 21 14	2.00	.10	.5	.100	50	N	N	N
7DF5170	39 31 7	113 21 9	7.00	.20	.2	.200	20	N	1,500	N
7DF5171	39 31 8	113 21 12	2.00	.20	5.0	.150	1,000	<.5	N	N
7DF5172	39 31 9	113 21 12	3.00	.05	.2	.005	100	N	500	N
7DF5173	39 31 13	113 21 11	1.00	.10	1.0	.002	200	N	N	N
7DF5174C	39 32 3	113 22 23	2.00	2.00	3.0	.010	1,000	N	N	N
7DF5174A	39 32 3	113 22 23	2.00	.50	2.0	.010	500	<.5	N	N
7DF5174D	39 32 3	113 22 23	2.00	5.00	7.0	.010	3,000	1.0	N	N
7DF5175	39 32 11	113 22 8	1.00	10.00	20.0	.020	1,500	N	N	N
7DE5176	39 34 53	113 22 48	.70	.10	.5	.010	1,500	N	N	N
7DE5177	39 34 55	113 22 49	1.00	.15	.3	.005	1,000	N	N	N
7DE5178A	39 34 55	113 22 52	.50	.20	2.0	.200	200	1.5	N	N
7DE5178B	39 34 55	113 22 52	.50	.10	2.0	.100	500	1.0	N	N
7DE5179	39 34 53	113 22 53	5.00	.70	20.0	.070	1,000	N	N	N
7DE5180A	39 34 52	113 23 5	1.00	.10	.5	.100	100	1.0	N	N
7DE5180B	39 34 52	113 23 5	.70	.15	.5	.150	100	<.5	N	N
7DE5181	39 34 36	113 22 51	3.00	.20	5.0	.200	300	N	1,000	N
7DE5182	39 34 19	113 22 37	2.00	3.00	20.0	.150	1,000	N	N	N
7DE5184A	39 34 15	113 22 37	.50	.20	1.0	.020	300	N	N	N
7DE5187	39 34 6	113 22 54	1.00	.20	1.0	.100	100	.5	<200	N
7DE5188A	39 34 6	113 22 52	1.00	.10	.5	.100	100	N	N	N
7DE5188	39 34 6	113 22 52	2.00	2.00	3.0	.500	500	N	N	N
7DE5189	39 34 4	113 22 48	2.00	.70	>20.0	.100	1,000	N	N	N
7DE5190C	39 34 4	113 22 37	.30	.20	5.0	.150	100	N	N	N
7DE5190B	39 34 4	113 22 37	.30	.20	3.0	.100	100	N	N	N
7DE5190A	39 34 4	113 22 37	2.00	1.00	20.0	.200	700	N	N	N
7FF5427A	39 20 42	113 22 28	5.00	.15	.2	.100	500	100.0	500	N
7FF5427B	39 20 42	113 22 28	15.00	.50	.1	.500	50	2.0	5,000	N
7FF5427C	39 20 42	113 22 28	5.00	.20	.1	.700	100	2.0	1,000	N
7FF5428A	39 19 55	113 22 27	5.00	>10.00	>20.0	.010	3,000	N	N	N
7FF5428B	39 19 55	113 22 27	10.00	.70	>20.0	.020	3,000	N	<200	N
7FF5428C	39 19 55	113 22 27	5.00	10.00	>20.0	.015	2,000	N	N	N
7FF5428D	39 19 55	113 22 27	20.00	1.00	20.0	.070	2,000	N	5,000	N
7FF5429A	39 20 21	113 22 23	10.00	1.00	5.0	.200	1,500	N	500	N
7FF5429B	39 20 21	113 22 23	10.00	.50	.2	.500	2,000	N	200	N
9GE5855A	39 14 45	113 24 27	1.00	.10	20.0	.002	1,500	1.5	N	N
9GE5855B	39 14 45	113 24 27	.50	.15	10.0	.003	1,500	3.0	N	N
9GE5855C	39 14 45	113 24 27	.70	.05	>20.0	<.002	2,000	7.0	N	N
9GE5855D	39 14 45	113 24 27	1.00	.10	>20.0	.010	2,000	7.0	N	N
9GE5855E	39 14 45	113 24 27	.15	.07	15.0	<.002	1,000	7.0	N	N
9GE5855F	39 14 45	113 24 27	.20	<.02	2.0	.002	500	20.0	N	N
9GE5855G	39 14 45	113 24 27	7.00	<.02	3.0	.003	300	30.0	N	N
9GE5855H	39 14 45	113 24 27	3.00	.02	5.0	N	1,500	100.0	<200	N
9GE5855I	39 14 45	113 24 27	3.00	.02	.5	.010	300	150.0	N	N

TABLE 13--RESULTS OF ANALYSES, HOUSE RANGE, UTAH--Continued

Sample	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s
7DF5168	30	200	<1.0	N	N	5	20	20	N	15	N	10
7DF5169	15	70	2.0	N	N	<5	30	5	<20	N	<20	<5
7DF5170	30	200	<1.0	N	N	<5	100	10	50	7	N	7
7DF5171	50	100	<1.0	N	N	<5	30	30	<20	<5	N	5
7DF5172	10	100	1.0	N	N	<5	<10	5	N	<5	N	5
7DF5173	10	150	1.0	N	N	<5	<10	10	N	N	N	5
7DF5174C	10	300	1.0	N	N	<5	<10	15	N	<5	N	5
7DF5174A	10	700	1.0	N	N	<5	<10	30	N	<5	N	5
7DF5174D	<10	300	<1.0	N	N	<5	10	20	N	<5	N	10
7DF5175	<10	50	<1.0	N	N	N	20	5	N	7	N	10
7DE5176	20	200	10.0	<10	N	N	<10	<5	N	N	100	5
7DE5177	10	500	10.0	N	N	N	N	<5	N	10	70	<5
7DE5178A	30	200	1.0	N	N	<5	70	5	<20	<5	N	7
7DE5178B	20	200	1.0	N	N	N	30	5	N	<5	N	10
7DE5179	10	100	<1.0	N	N	20	70	20	20	7	N	50
7DE5180A	20	1,000	<1.0	N	N	N	50	5	<20	10	N	10
7DE5180B	30	200	2.0	N	N	<5	10	<5	N	5	N	5
7DE5181	50	5,000	1.0	N	N	10	70	20	20	200	N	50
7DE5182	20	150	<1.0	N	N	10	100	10	20	N	N	15
7DE5184A	10	700	3.0	N	N	N	<10	<5	N	<5	30	5
7DE5187	20	150	1.5	N	N	5	50	5	N	50	N	15
7DE5188A	20	700	1.0	N	N	<5	30	5	N	<5	N	5
7DE5188	50	200	<1.0	N	N	20	50	15	50	5	<20	20
7DE5189	15	100	<1.0	N	N	10	70	5	N	10	N	20
7DE5190C	30	300	1.0	N	N	<5	50	<5	<20	N	N	5
7DE5190B	20	150	1.0	N	N	<5	50	<5	N	N	N	5
7DE5190A	50	150	<1.0	N	N	10	100	10	50	N	N	20
7FF5427A	50	1,000	<1.0	N	N	5	10	100	N	5	N	5
7FF5427B	100	1,000	2.0	N	N	5	70	500	50	5	20	10
7FF5427C	100	1,000	2.0	N	N	<5	50	300	50	7	20	<5
7FF5428A	N	<20	<1.0	N	N	7	<10	15	N	7	N	<5
7FF5428B	50	20	3.0	N	N	10	10	70	N	20	N	20
7FF5428C	<10	<20	<1.0	N	N	7	<10	15	N	N	N	<5
7FF5428D	200	500	10.0	N	N	50	20	50	N	50	N	30
7FF5429A	50	700	15.0	N	N	15	50	10	50	5	20	30
7FF5429B	100	1,500	10.0	N	N	10	20	10	30	<5	20	20
9GE5855A	<10	50	N	N	N	N	N	10	N	N	N	<5
9GE5855B	10	70	<1.0	N	N	N	N	20	N	N	N	5
9GE5855C	<10	70	<1.0	N	N	N	N	30	N	N	N	<5
9GE5855D	<10	500	<1.0	N	N	N	N	30	N	N	N	<5
9GE5855E	<10	500	N	N	N	N	N	30	N	N	N	<5
9GE5855F	<10	200	N	N	N	N	N	150	N	N	N	<5
9GE5855G	<10	300	<1.0	N	N	N	N	200	N	N	N	5
9GE5855H	<10	>5,000	<1.0	N	N	N	N	1,000	N	N	N	<5
9GE5855I	<10	1,000	3.0	N	N	N	<10	2,000	N	N	N	<5

TABLE 13--RESULTS OF ANALYSES, HOUSE RANGE, UTAH--Continued

Sample	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa
7DF5168	300	200	<5	N	200	100	70	50	<200	200	N	N
7DF5169	20	100	N	N	N	50	70	30	<200	200	N	N
7DF5170	500	500	7	N	300	200	50	10	<200	100	N	.05
7DF5171	150	300	30	N	N	150	100	30	<200	500	N	N
7DF5172	50	100	N	N	N	30	<50	N	<200	N	N	N
7DF5173	20	200	N	N	N	100	50	<10	<200	15	N	N
7DF5174C	20	200	<5	N	N	70	50	<10	<200	<10	N	N
7DF5174A	30	200	N	N	<100	100	N	<10	<200	N	N	N
7DF5174D	20	100	<5	N	200	100	N	<10	<200	N	N	N
7DF5175	100	N	N	N	100	30	N	10	500	20	N	N
7DE5176	30	N	7	20	N	15	N	70	<200	50	N	N
7DE5177	20	N	10	20	N	20	N	50	<200	50	N	N
7DE5178A	150	<100	<5	N	N	70	N	<10	<200	100	N	N
7DE5178B	50	N	<5	N	N	50	N	10	<200	50	N	N
7DE5179	70	N	20	N	500	50	N	70	N	50	N	N
7DE5180A	70	150	N	N	N	30	N	<10	<200	70	N	N
7DE5180B	10	N	N	N	N	50	N	<10	<200	70	N	N
7DE5181	200	100	<5	N	150	100	N	10	<200	70	N	N
7DE5182	15	N	10	N	500	50	N	20	N	70	N	N
7DE5184A	<10	N	5	N	<100	20	N	30	<200	50	N	N
7DE5187	100	100	N	N	N	50	N	<10	300	50	N	.10
7DE5188A	10	100	N	N	N	30	N	<10	<200	70	N	N
7DE5188	50	N	15	N	N	100	N	30	<200	200	N	N
7DE5189	70	N	10	N	500	50	N	20	N	50	N	N
7DE5190C	10	<100	5	N	N	70	N	10	<200	50	N	N
7DE5190B	10	<100	N	N	N	50	N	10	<200	50	N	N
7DE5190A	30	N	20	N	700	70	N	50	N	100	N	N
7FF5427A	>20,000	7,000	5	N	200	50	N	15	<200	300	N	N
7FF5427B	1,000	300	20	N	2,000	100	N	70	<200	500	N	N
7FF5427C	2,000	200	10	N	2,000	150	N	50	<200	1,000	N	N
7FF5428A	5,000	N	N	N	200	20	N	<10	<200	<10	N	N
7FF5428B	1,500	<100	5	N	500	100	N	70	200	100	N	N
7FF5428C	50	N	<5	N	100	10	N	15	N	15	N	N
7FF5428D	500	N	30	N	200	200	N	100	700	300	N	N
7FF5429A	70	500	15	N	1,000	150	1,500	100	<200	1,000	N	N
7FF5429B	70	100	20	N	500	100	100	100	200	1,000	N	N
9GE5855A	50	N	N	N	200	<10	N	<10	N	N	N	.05
9GE5855B	50	N	N	N	N	<10	N	N	N	N	N	N
9GE5855C	700	N	N	N	N	10	N	N	N	N	N	N
9GE5855D	500	N	N	N	100	15	N	<10	N	10	N	N
9GE5855E	150	N	N	N	N	<10	N	N	200	N	N	<.05
9GE5855F	1,000	100	N	N	N	<10	N	N	N	N	N	.10
9GE5855G	300	<100	N	N	N	15	N	N	<200	N	N	.05
9GE5855H	>20,000	<100	N	N	500	15	N	N	<200	N	N	.40
9GE5855I	2,000	200	N	N	N	20	N	N	300	20	N	6.70

TABLE 13--RESULTS OF ANALYSES, HOUSE RANGE, UTAH--Continued

Sample	AS-PPM ICP	BI-PPM ICP	CD-PPM ICP	SB-PPM ICP	ZN-PPM ICP	Na-pct. s	P-pct. s	Ga-ppm s	Ge-ppm s	HG-PPM CV	F% ISE
7DF5168	>2,000	N	.2	88	35	--	--	--	--	--	--
7DF5169	100	1	N	100	35	--	--	--	--	--	--
7DF5170	1,700	N	N	350	10	--	--	--	--	--	--
7DF5171	50	1	N	270	25	--	--	--	--	--	--
7DF5172	500	N	N	20	N	--	--	--	--	--	--
7DF5173	40	N	N	26	10	--	--	--	--	--	--
7DF5174C	50	1	.1	24	25	--	--	--	--	--	--
7DF5174A	200	N	.1	50	35	--	--	--	--	--	--
7DF5174D	50	N	.2	8	30	--	--	--	--	--	--
7DF5175	30	N	2.6	6	500	--	--	--	--	--	--
7DE5176	N	2	N	2	20	--	--	--	--	--	--
7DE5177	30	N	.1	6	90	--	--	--	--	--	--
7DE5178A	10	1	.6	4	25	--	--	--	--	--	--
7DE5178B	N	2	.4	6	15	--	--	--	--	--	--
7DE5179	60	1	N	16	65	--	--	--	--	--	--
7DE5180A	50	N	N	8	5	--	--	--	--	--	--
7DE5180B	10	1	.1	2	15	--	--	--	--	--	--
7DE5181	900	1	1.0	66	140	--	--	--	--	--	--
7DE5182	N	1	N	<2	25	--	--	--	--	--	--
7DE5184A	30	2	.1	4	10	--	--	--	--	--	--
7DE5187	200	N	1.7	46	480	--	--	--	--	--	--
7DE5188A	40	N	N	4	5	--	--	--	--	--	--
7DE5188	30	N	N	N	10	--	--	--	--	--	--
7DE5189	300	1	N	6	85	--	--	--	--	--	--
7DE5190C	30	N	.1	6	15	--	--	--	--	--	--
7DE5190B	40	1	N	6	<5	--	--	--	--	--	--
7DE5190A	20	1	N	2	20	--	--	--	--	--	--
7FF5427A	400	2	.1	580	10	--	--	--	--	--	--
7FF5427B	2,000	N	1.5	64	45	--	--	--	--	--	--
7FF5427C	300	1	N	30	5	--	--	--	--	--	--
7FF5428A	30	N	.4	4	40	--	--	--	--	--	--
7FF5428B	200	1	.5	32	300	--	--	--	--	--	--
7FF5428C	30	N	.1	4	25	--	--	--	--	--	--
7FF5428D	>2,000	<1	.3	10	1,300	--	--	--	--	--	--
7FF5429A	400	N	N	240	35	--	--	--	--	--	--
7FF5429B	300	1	N	66	25	--	--	--	--	--	--
9GE5855A	68	<2	.7	6	32	N	N	N	N	.14	<.01
9GE5855B	39	<2	.3	3	16	N	N	N	N	.08	<.01
9GE5855C	24	<2	2.4	4	52	N	N	N	N	.12	<.01
9GE5855D	34	<2	1.6	5	182	N	N	N	N	.06	<.01
9GE5855E	15	<2	.6	8	16	N	N	N	N	.10	<.01
9GE5855F	23	2	1.5	61	35	N	<.2	N	N	.40	<.01
9GE5855G	258	2	1.0	86	98	N	N	<5	N	.40	<.01
9GE5855H	204	<2	4.6	134	95	N	N	N	N	.0	<.01
9GE5855I	128	3	8.3	153	388	N	N	<5	N	9.20	<.01

TABLE 13--RESULTS OF ANALYSES, HOUSE RANGE, UTAH--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
9GE5855J	39 14 45	113 24 27	7.00	.02	.3	.010	500	500.0	N	N
9GE5855K	39 14 45	113 24 27	5.00	10.00	20.0	.020	5,000	5.0	N	N
86RY101	39 19 59	113 21 22	10.00	1.00	20.0	.010	1,000	N	N	N
86RY102	39 30 44	113 21 9	5.00	.15	.5	.100	700	N	<200	N
86RY103	39 30 52	113 21 19	1.50	.05	.2	.050	200	N	<200	N
86RY104	39 32 3	113 22 27	5.00	10.00	10.0	.005	2,000	N	N	N
86RY105	39 32 25	113 22 21	5.00	>10.00	>20.0	.010	5,000	N	N	N
86RY106	39 32 39	113 21 18	.70	.20	.5	.100	100	N	<200	N
86RY107	39 32 49	113 21 39	2.00	.15	.5	.100	100	N	2,000	N
86RY108	39 33 15	113 21 43	1.50	.15	.3	.070	100	N	<200	N
86RY109	39 32 55	113 21 25	1.00	.15	.5	.300	100	N	<200	N
86RY110	39 31 28	113 21 8	2.00	.10	1.0	.020	700	N	<200	N
86RY111	39 31 31	113 21 13	2.00	1.50	3.0	.020	1,000	N	500	N
86RY112	39 31 35	113 21 23	2.00	.05	.5	.020	300	N	<200	N
86RY113	39 31 59	113 21 54	1.00	2.00	5.0	.010	700	N	N	N
86RY114	39 32 12	113 21 33	2.00	.05	.2	.005	300	N	N	N
86RY115	39 34 18	113 22 54	1.00	.10	.2	.050	150	1.0	200	N
86RY116	39 34 17	113 22 50	.70	.20	.2	.200	70	<.5	N	N
86RY117	39 34 13	113 22 41	2.00	.20	5.0	.070	300	N	N	N
86RY118	39 34 14	113 22 40	.50	.15	.5	.050	500	N	N	N

TABLE 13--RESULTS OF ANALYSES, HOUSE RANGE, UTAH--Continued

Sample	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s
9GE5855J	10	2,000	5.0	N	N	N	<10	5,000	N	N	N	<5
9GE5855K	N	300	N	N	N	N	N	20	N	N	N	N
86RY101	10	1,000	3.0	N	N	20	20	30	N	20	N	20
86RY102	50	5,000	2.0	N	N	N	<10	10	N	<5	N	5
86RY103	50	1,500	2.0	N	N	N	<10	<5	N	N	N	5
86RY104	10	200	1.0	N	N	N	<10	10	N	N	N	5
86RY105	N	70	<1.0	N	N	N	<10	15	N	<5	N	<5
86RY106	100	500	5.0	N	N	N	30	5	N	N	N	5
86RY107	100	200	7.0	N	N	<5	30	10	N	5	N	20
86RY108	50	300	7.0	N	N	10	<10	10	N	7	N	20
86RY109	70	500	7.0	N	N	<5	50	15	N	5	N	20
86RY110	30	5,000	5.0	N	N	N	<10	10	N	<5	N	10
86RY111	30	200	3.0	N	N	N	<10	15	N	N	N	7
86RY112	20	500	5.0	N	N	N	<10	5	N	N	N	5
86RY113	20	50	2.0	N	N	N	<10	10	N	N	N	5
86RY114	20	300	5.0	N	N	N	<10	10	N	N	N	10
86RY115	50	700	5.0	N	N	5	<10	7	N	N	N	5
86RY116	150	200	5.0	N	N	<5	50	5	<20	N	N	5
86RY117	100	1,000	5.0	N	N	N	50	<5	N	5	N	5
86RY118	100	150	10.0	N	N	N	20	<5	N	N	50	<5

TABLE 13--RESULTS OF ANALYSES, HOUSE RANGE, UTAH--Continued

Sample	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa
9GE5855J	2,000	300	N	N	N	30	<20	N	500	20	N	6.25
9GE5855K	700	N	N	N	N	10	N	<10	N	70	N	N
86RY101	500	N	10	N	200	100	N	70	500	20	N	N
86RY102	70	200	<5	N	N	70	300	15	<200	70	N	N
86RY103	10	100	N	N	N	50	<50	<10	<200	50	N	N
86RY104	20	100	N	N	<100	50	N	<10	<200	<10	N	N
86RY105	100	N	<5	N	100	20	N	10	<200	<10	N	N
86RY106	<10	300	N	N	N	100	N	<10	<200	70	N	N
86RY107	20	500	N	N	N	70	N	<10	<200	70	N	N
86RY108	<10	100	N	N	100	50	N	10	<200	50	N	N
86RY109	15	100	<5	N	<100	200	N	20	<200	100	N	N
86RY110	<10	300	N	N	N	70	50	<10	<200	<10	N	N
86RY111	50	300	N	N	N	100	50	<10	<200	20	N	N
86RY112	10	300	N	N	N	200	100	N	<200	20	N	N
86RY113	10	200	N	N	N	50	<50	<10	<200	10	N	N
86RY114	<10	200	N	N	N	70	50	<10	<200	<10	N	N
86RY115	30	200	N	N	N	50	<50	10	<200	50	N	N
86RY116	50	<100	N	N	N	70	N	10	<200	200	N	N
86RY117	<10	<100	7	N	N	70	N	<10	<200	70	N	N
86RY118	N	N	5	<10	N	50	N	50	<200	70	N	N

TABLE 13--RESULTS OF ANALYSES, HOUSE RANGE, UTAH--Continued

Sample	AS-PPM ICP	BI-PPM ICP	CD-PPM ICP	SB-PPM ICP	ZN-PPM ICP	Na-pct. s	P-pct. s	Ga-ppm s	Ge-ppm s	HG-PPM CV	F% ISE
9GE5855J	169	3	6.4	234	393	N	N	<5	10	.0	<.01
9GE5855K	<5	<2	.7	3	17	.2	N	5	N	.06	.02
86RY101	80	2	3.1	12	--	--	--	--	--	--	--
86RY102	130	N	N	28	--	--	--	--	--	--	--
86RY103	80	N	N	20	--	--	--	--	--	--	--
86RY104	40	N	N	12	--	--	--	--	--	--	--
86RY105	40	N	N	2	--	--	--	--	--	--	--
86RY106	110	N	N	18	--	--	--	--	--	--	--
86RY107	940	N	.4	220	--	--	--	--	--	--	--
86RY108	150	N	.6	24	--	--	--	--	--	--	--
86RY109	110	N	.3	14	--	--	--	--	--	--	--
86RY110	100	N	N	18	--	--	--	--	--	--	--
86RY111	400	N	N	44	--	--	--	--	--	--	--
86RY112	150	N	N	36	--	--	--	--	--	--	--
86RY113	60	N	N	12	--	--	--	--	--	--	--
86RY114	60	N	N	14	--	--	--	--	--	--	--
86RY115	200	N	1.3	32	--	--	--	--	--	--	--
86RY116	30	N	.4	8	--	--	--	--	--	--	--
86RY117	110	N	.4	10	--	--	--	--	--	--	--
86RY118	20	N	.1	N	--	--	--	--	--	--	--

TABLE 14--RESULTS OF ANALYSES, KEG MOUNTAINS, UTAH

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

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
6BI5133	39 45 20	112 55 2	1.0	.50	.50	.100	200	N	N	N	20	100
6BI5134	39 49 38	112 54 26	10.0	5.00	7.00	.005	1,500	50.0	<200	N	10	700
6BI5135A	39 49 23	112 56 18	2.0	.50	2.00	.030	150	N	N	N	20	300
6BI5135B	39 49 23	112 56 18	.2	.10	.20	.050	100	N	N	N	30	150
7BI5243B	39 49 56	112 55 17	1.0	1.00	20.00	.050	1,000	2.0	N	N	N	70
7BI5230A	39 49 15	112 54 23	.2	.10	.50	.020	200	.5	N	N	10	500
7BI5248A	39 49 31	112 58 7	2.0	.05	.10	.050	1,000	2.0	<200	N	10	100
7BI5241	39 49 56	112 55 2	2.0	.20	1.00	.100	150	N	N	N	10	200
7BJ5236B	39 49 11	112 51 45	5.0	1.50	2.00	.500	700	N	N	N	10	1,000
7BI5244A	39 49 20	112 57 58	2.0	.10	.50	.150	100	50.0	1,000	N	20	200
7BI5244C	39 49 20	112 57 58	1.0	.02	.05	.020	70	100.0	500	N	10	300
7BI5244B	39 49 20	112 57 58	1.0	.05	.20	.100	100	15.0	200	N	20	200
7BI5245	39 49 24	112 57 59	1.0	.10	1.00	.050	70	N	N	N	10	200
7BJ5236	39 49 11	112 51 45	7.0	1.00	1.50	.700	500	1.0	N	N	10	1,000
7BI5249	39 49 28	112 58 4	2.0	.02	.10	.070	200	50.0	N	N	10	100
7BI5240	39 49 46	112 55 2	5.0	.20	2.00	.100	700	N	N	N	10	300
7BJ5237	39 49 29	112 52 13	10.0	2.00	2.00	.500	700	N	N	N	10	1,000
7BI5247	39 49 25	112 58 3	2.0	.10	.50	.100	150	15.0	500	N	15	200
7BI5234	39 49 15	112 54 26	2.0	.50	2.00	.100	1,000	2.0	N	N	20	300
7BI5243A	39 49 56	112 55 17	2.0	.20	2.00	.100	200	1.0	<200	N	15	70
7BI5231	39 49 21	112 54 17	1.0	.50	5.00	.100	700	<.5	N	N	20	500
7BI5242	39 50 0	112 55 3	2.0	.10	.50	.070	100	N	N	N	10	100
7BI5248B	39 49 31	112 58 7	2.0	.05	<.05	.050	30	1.0	N	N	10	100

TABLE 14--RESULTS OF ANALYSES, KEG MOUNTAINS, UTAH--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s
6BI5133	<1	N	N	5	<10	50	20	N	<20	5	50	N	N	N
6BI5134	N	N	N	N	<10	700	N	20	N	<5	>20,000	150	N	N
6BI5135A	N	N	N	5	<10	15	N	N	N	5	50	N	N	N
6BI5135B	<1	N	N	<5	<10	10	<20	N	N	5	20	N	N	N
7BI5243B	<1	N	N	N	<10	100	N	<5	N	<5	20	N	N	10
7BI5230A	2	N	N	N	<10	10	N	300	N	5	150	N	N	N
7BI5248A	<1	N	N	7	10	100	N	10	N	30	500	N	N	N
7BI5241	N	N	N	10	<10	20	<20	10	N	5	20	N	<5	N
7BJ5236B	<1	N	N	20	70	30	70	<5	N	10	50	N	15	N
7BI5244A	N	50	N	5	<10	200	500	5	N	<5	5,000	200	N	N
7BI5244C	<1	100	N	<5	<10	500	50	70	N	<5	5,000	2,000	N	N
7BI5244B	N	1,000	N	N	<10	30	20	N	N	<5	1,000	N	N	N
7BI5245	<1	N	N	N	<10	5	N	N	N	5	20	N	<5	N
7BJ5236	<1	N	N	20	100	20	50	<5	N	50	3,000	N	20	N
7BI5249	N	50	N	N	<10	100	<20	10	N	<5	5,000	N	<5	N
7BI5240	<1	N	N	15	<10	50	<20	100	N	20	10	N	5	N
7BJ5237	<1	N	N	20	70	10	50	<5	N	20	100	N	20	N
7BI5247	<1	200	N	N	<10	50	<20	5	N	5	500	N	5	N
7BI5234	1	N	N	7	20	70	N	100	N	20	200	N	<5	N
7BI5243A	<1	N	N	<5	10	5	N	50	N	5	70	N	N	N
7BI5231	5	N	N	5	<10	10	N	50	N	10	50	N	N	N
7BI5242	N	N	N	N	10	7	N	N	N	5	10	N	<5	N
7BI5248B	<1	N	N	<5	<10	500	N	N	<20	5	500	N	<5	N

TABLE 14--RESULTS OF ANALYSES, KEG MOUNTAINS, UTAH--Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	AS-PPM ICP	BI-PPM ICP	CD-PPM ICP	SB-PPM ICP	ZN-PPM ICP
6BI5133	N	20	N	15	N	100	N	<.05	<5	<2	.1	<2	15.0000
6BI5134	200	2,000	N	N	700	N	N	<.05	390	<2	2.2	170	539.9998
6BI5135A	N	10	N	50	N	150	N	N	44	<2	.3	<2	8.0000
6BI5135B	N	15	N	<10	<200	150	N	N	6	<2	<.1	<2	5.0000
7BI5243B	500	20	N	15	N	20	N	N	30	1	.1	2	10.0000
7BI5230A	N	30	N	N	<200	10	N	N	N	N	N	14	5.0000
7BI5248A	N	20	N	30	1,500	150	N	N	180	2	25.0	2	1,400.0000
7BI5241	<100	20	N	50	<200	200	N	N	30	2	.6	2	55.0000
7BJ5236B	700	200	N	20	<200	200	N	N	N	1	N	N	60.0000
7BI5244A	<100	70	N	50	<200	500	N	1.25	1,200	67	.3	100	30.0000
7BI5244C	<100	50	N	30	<200	70	N	.75	500	180	.8	>1,000	30.0000
7BI5244B	N	20	N	100	<200	200	N	.40	200	500	N	24	10.0000
7BI5245	N	50	N	50	<200	300	N	N	70	N	.1	<2	30.0000
7BJ5236	200	500	N	30	<200	200	N	N	N	1	N	N	50.0000
7BI5249	N	20	N	50	<200	500	N	N	100	46	.6	4	10.0000
7BI5240	N	50	N	100	<200	1,000	N	N	30	3	.1	N	15.0000
7BJ5237	300	200	N	30	<200	200	N	N	N	<1	.2	N	45.0000
7BI5247	N	50	N	70	<200	300	N	.35	400	380	.9	6	95.0000
7BI5234	N	70	N	<10	<200	50	N	N	40	1	.2	4	35.0000
7BI5243A	N	50	N	<10	<200	50	N	.05	70	1	.2	6	15.0000
7BI5231	N	70	N	10	<200	50	N	N	20	1	.3	4	10.0000
7BI5242	N	200	N	30	<200	100	N	N	20	N	.2	<2	10.0000
7BI5248B	N	20	N	20	<200	100	N	N	120	N	.4	2	50.0000

TABLE 15--RESULTS OF ANALYSES, MIDDLE RANGE, UTAH

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

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
7DE5223	39 33 52	113 29 40	.20	.1	3	.070	200	N	N	N	20	500
7DD5220	39 33 52	113 30 16	1.00	.1	5	.050	200	N	N	N	15	70
7DE5222	39 33 53	113 29 46	2.00	.3	15	.050	500	N	N	N	<10	500
7DD5217	39 33 53	113 30 28	.15	>10.0	15	.003	500	N	N	N	<10	20
7DD5219	39 33 53	113 30 19	2.00	10.0	20	.010	1,000	N	N	N	<10	100
7DD5218	39 33 57	113 30 24	.30	.3	20	.050	200	N	N	N	15	200
7DE5224	39 33 51	113 29 39	1.00	.2	15	.100	300	N	N	N	15	200
7DE5221	39 33 56	113 29 47	.70	10.0	20	.003	500	N	N	N	N	150

TABLE 15--RESULTS OF ANALYSES, MIDDLE RANGE, UTAH--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s
7DE5223	<1	N	N	N	N	<5	N	N	N	5	<10	N	N
7DD5220	1	N	N	<5	<10	<5	N	N	N	5	N	N	N
7DE5222	<1	N	N	10	20	<5	N	<5	N	5	N	N	<5
7DD5217	N	N	N	N	<10	<5	N	N	N	N	10	N	N
7DD5219	<1	N	N	7	10	7	N	<5	N	10	<10	100	N
7DD5218	N	N	N	N	20	5	N	5	N	5	<10	N	N
7DE5224	1	N	N	N	20	5	N	15	N	5	<10	N	N
7DE5221	N	N	N	N	10	5	N	N	N	<5	10	N	N

TABLE 15--RESULTS OF ANALYSES, MIDDLE RANGE, UTAH--Continued

Sample	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	AS-PPM ICP	BI-PPM ICP	CD-PPM ICP	SB-PPM ICP	ZN-PPM ICP
7DE5223	N	<100	10	N	N	<200	50	N	N	N	N	.3	N	<5
7DD5220	N	N	20	N	<10	<200	20	N	N	40	N	.1	20	N
7DE5222	N	100	50	N	30	N	50	N	N	30	N	N	6	N
7DD5217	N	N	<10	N	N	<200	<10	N	N	N	N	N	N	N
7DD5219	N	N	50	N	N	N	<10	N	N	50	N	.1	30	N
7DD5218	N	<100	20	N	N	<200	20	N	N	10	N	.1	N	N
7DE5224	N	<100	50	N	10	<200	100	N	N	40	N	.1	14	N
7DE5221	N	100	20	N	N	<200	<10	N	N	N	N	.2	8	N

TABLE 16--RESULTS OF ANALYSES, NOTCH PEAK AREA, UTAH

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

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
6GE0060	39 11 12	113 23 30	<.05	1.00	2.00	.005	100	N	N	N	100	50
6GE0061	39 11 12	113 23 30	2.00	1.00	.30	.200	300	N	N	N	20	500
6GE0063	39 11 3	113 23 40	1.50	.20	.50	.100	200	N	N	N	50	300
6GE0064	39 10 57	113 23 58	.05	<.02	<.05	<.002	50	N	N	N	10	50
6GE0065	39 10 53	113 24 4	2.00	.30	.20	.150	200	N	N	N	70	700
6GE0066	39 10 51	113 23 35	1.00	.20	.50	.100	300	N	N	N	20	100
6GE0067	39 10 59	113 23 17	1.50	.30	.15	.100	300	N	N	N	50	500
6GE0068	39 11 5	113 23 23	1.00	.20	.10	.070	200	N	N	N	30	700
6GE1062	39 11 8	113 23 35	2.00	.20	.20	.150	500	N	N	N	50	500
6GE1080	39 11 5	113 23 36	2.00	.30	.10	.200	150	N	N	N	50	700
6GE1081	39 11 18	113 23 29	1.50	.10	.05	.100	200	N	N	N	30	300
6GE1082	39 11 53	113 24 7	2.00	.10	.50	.150	200	N	N	N	50	200
6GE1083	39 10 53	113 24 7	1.00	.10	.05	.070	500	N	N	N	100	200
6GE1084	39 10 53	113 24 7	5.00	1.00	1.00	.300	1,000	<.5	N	N	100	1,000
6GE1085	39 10 53	113 24 7	3.00	1.00	1.50	.200	1,000	.5	200	N	200	2,000
6GE1086	39 10 47	113 23 58	2.00	.20	.20	.100	300	1.0	N	N	100	500
6GE1087	39 10 48	113 23 56	1.00	.30	.50	.100	5,000	.5	N	N	150	1,500
6GE1088	39 10 52	113 23 19	3.00	1.00	2.00	.200	1,000	N	N	N	70	2,000
6GE1089	39 10 58	113 23 27	5.00	1.00	1.00	.300	700	N	N	N	100	2,000
6GE1107	39 11 48	113 22 34	3.00	3.00	10.00	1.000	500	N	N	N	30	>5,000
6GE1108	39 11 54	113 22 48	1.50	.50	2.00	.300	700	N	N	N	30	2,000
6GE1109A	39 11 48	113 22 46	5.00	.50	5.00	.200	5,000	N	N	N	20	5,000
6GE1109B	39 11 48	113 22 46	10.00	1.50	20.00	.150	>5,000	N	N	N	<10	300
6GE1109C	39 11 48	113 22 46	7.00	7.00	>20.00	.300	>5,000	N	N	N	<10	1,500
6GE1109D	39 11 48	113 22 46	5.00	7.00	>20.00	.200	>5,000	N	N	N	20	5,000
6GE1109E	39 11 48	113 22 46	15.00	2.00	>20.00	.150	>5,000	N	N	N	10	150
6GE5001	39 9 44	113 24 35	10.00	1.50	.50	.500	300	N	N	N	500	500
6GE5002A	39 10 14	113 24 45	15.00	1.00	10.00	.050	5,000	N	N	N	<10	20
6GE5002B	39 10 14	113 24 45	1.00	.02	.20	.010	1,000	N	N	N	20	70
6GE5002C	39 10 14	113 24 45	15.00	.10	2.00	.050	3,000	2.0	N	N	30	200
6GE5003A	39 11 15	113 24 32	20.00	2.00	10.00	.150	5,000	N	N	N	10	<20
6GE5003B	39 11 15	113 24 32	20.00	.20	5.00	.020	1,500	N	N	N	20	50
6GE5003C	39 11 15	113 24 32	.50	.10	1.00	.100	500	N	N	N	50	100
6GE5003D	39 11 15	113 24 32	7.00	2.00	20.00	.150	5,000	N	N	N	50	50
6GE5004	39 11 1	113 23 34	1.00	.20	.20	.200	150	2.0	N	N	150	200
7GE5225A	39 13 12	113 22 39	.30	1.00	20.00	.010	2,000	N	N	N	N	20
7GE5225B	39 13 12	113 22 39	>20.00	.70	2.00	.020	700	1.5	N	N	50	200
7GE5226A	39 13 15	113 22 31	.50	.50	15.00	N	2,000	N	N	N	N	<20
7GE5226B	39 13 15	113 22 31	>20.00	1.50	.20	.200	1,000	<.5	N	N	100	200
7GE5226C	39 13 15	113 22 31	20.00	1.00	2.00	.100	500	5.0	N	N	30	300
7GE5227A	39 12 55	113 22 41	1.00	2.00	20.00	.150	500	N	N	N	N	>5,000
7GE5227B	39 12 55	113 22 41	2.00	1.50	5.00	2.000	500	N	N	N	<10	>5,000
7GE5227C	39 12 55	113 22 41	5.00	5.00	10.00	.100	1,500	N	N	N	10	>5,000
7GE5227D	39 12 55	113 22 41	1.00	1.00	1.50	.150	500	N	N	N	10	>5,000
7GE5228A	39 11 47	113 23 28	2.00	.50	.70	.200	500	N	N	N	10	300

TABLE 16--RESULTS OF ANALYSES, NOTCH PEAK AREA, UTAH--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s
6GE0060	<1.0	N	N	<5	<10	10	N	N	N	5	<10	N	N
6GE0061	1.0	N	N	5	10	10	20	N	N	10	20	N	5
6GE0063	2.0	N	N	10	<10	5	<20	100	N	5	20	N	N
6GE0064	<1.0	N	N	N	N	<5	N	N	N	<5	N	N	N
6GE0065	2.0	N	N	<5	10	10	50	20	N	5	50	N	<5
6GE0066	3.0	N	N	N	<10	10	N	N	<20	<5	50	N	<5
6GE0067	1.0	N	N	5	<10	<5	20	<5	N	5	20	N	<5
6GE0068	<1.0	N	N	<5	<10	<5	<20	15	N	<5	20	N	N
6GE1062	1.0	N	N	5	<10	5	50	<5	N	10	30	N	<5
6GE1080	2.0	N	N	5	<10	5	<20	30	<20	7	10	N	<5
6GE1081	1.0	N	N	<5	<10	<5	N	5	N	5	20	N	N
6GE1082	2.0	N	N	5	<10	5	<20	5	<20	5	70	N	<5
6GE1083	<1.0	N	N	<5	<10	10	20	20	N	7	30	N	<5
6GE1084	7.0	N	N	10	15	15	50	50	20	10	100	N	10
6GE1085	3.0	N	N	5	10	20	30	20	20	10	150	N	10
6GE1086	2.0	N	N	5	<10	15	<20	50	N	10	150	N	<5
6GE1087	2.0	N	N	<5	<10	10	<20	30	N	5	150	N	5
6GE1088	2.0	N	N	5	<10	<5	70	10	N	7	50	N	10
6GE1089	5.0	N	N	10	10	5	50	10	<20	10	50	N	10
6GE1107	<1.0	<10	N	15	150	150	70	5	200	100	100	N	20
6GE1108	1.5	N	N	N	<10	50	50	5	150	<5	150	N	10
6GE1109A	10.0	N	N	15	<10	20	50	10	150	10	70	N	10
6GE1109B	5.0	N	N	20	<10	15	N	200	20	7	50	N	5
6GE1109C	20.0	N	N	50	20	70	N	500	50	100	100	N	10
6GE1109D	10.0	N	N	15	30	20	50	10	N	50	50	N	10
6GE1109E	10.0	N	N	30	15	10	N	500	<20	30	20	N	7
6GE5001	2.0	N	N	30	150	50	70	N	N	50	50	N	20
6GE5002A	1.0	N	N	10	<10	50	N	100	N	7	N	N	<5
6GE5002B	5.0	N	N	<5	<10	5	N	50	N	<5	N	N	<5
6GE5002C	50.0	50	N	200	<10	3,000	N	50	N	20	50	N	<5
6GE5003A	20.0	N	N	20	20	30	N	200	N	20	N	N	7
6GE5003B	5.0	N	N	20	<10	20	N	70	N	10	<10	N	N
6GE5003C	20.0	N	N	N	<10	<5	N	<5	<20	5	N	N	N
6GE5003D	50.0	50	N	5	20	5	N	100	N	10	<10	N	5
6GE5004	7.0	N	N	<5	10	<5	N	N	20	5	30	N	<5
7GE5225A	N	N	N	N	10	<5	N	N	N	<5	N	N	N
7GE5225B	N	<10	N	300	N	2,000	N	N	N	100	<10	N	N
7GE5226A	N	N	N	50	N	100	N	N	N	<5	N	N	N
7GE5226B	N	N	N	300	<10	5,000	N	20	N	30	10	N	N
7GE5226C	<1.0	N	N	100	<10	5,000	N	10	N	70	<10	N	5
7GE5227A	N	N	N	<5	50	5	<20	5	N	15	10	N	<5
7GE5227B	1.0	N	N	10	100	50	<20	200	N	70	10	N	5
7GE5227C	3.0	10	N	50	70	50	N	2,000	N	100	<10	N	<5
7GE5227D	<1.0	N	N	10	30	20	N	20	N	50	10	N	N
7GE5228A	5.0	N	N	5	20	7	200	10	20	10	100	N	<5

TABLE 16--RESULTS OF ANALYSES, NOTCH PEAK AREA, UTAH--Continued

Sample	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	AS-PPM ICP	BI-PPM ICP	CD-PPM ICP	SB-PPM ICP	ZN-PPM ICP
6GE0060	N	N	<10	N	N	<200	N	N	N	<5	<2	<.1	<2	<2
6GE0061	N	300	50	N	10	N	100	N	N	26	<2	.2	<2	16
6GE0063	N	200	20	3,000	N	<200	70	N	N	35	<2	<.1	2	14
6GE0064	N	N	<10	N	N	<200	N	N	N	32	<2	<.1	<2	6
6GE0065	N	300	70	200	10	<200	100	N	.05	66	6	.2	3	16
6GE0066	N	N	15	N	N	<200	100	N	N	34	<2	.1	<2	20
6GE0067	N	<100	20	N	N	N	100	N	N	68	<2	.2	<2	10
6GE0068	N	200	15	100	N	N	70	N	.05	160	<2	.1	<2	31
6GE1062	N	300	50	N	<10	N	150	N	N	35	<2	.2	<2	11
6GE1080	N	150	70	1,000	<10	<200	100	N	N	230	<2	<.1	4	8
6GE1081	N	N	10	<50	N	<200	70	N	N	8	<2	.1	<2	15
6GE1082	N	<100	50	N	<10	<200	70	N	N	18	<2	.2	<2	24
6GE1083	N	N	50	<50	N	<200	50	N	.05	190	<2	.2	6	25
6GE1084	N	1,000	150	<50	30	<200	500	<100	N	39	<2	.2	<2	10
6GE1085	N	700	150	100	20	<200	200	N	<.05	250	<2	.2	8	49
6GE1086	N	<100	30	1,500	N	<200	50	N	N	270	<2	.6	11	63
6GE1087	N	100	70	1,000	10	<200	100	N	N	70	<2	.3	7	16
6GE1088	N	1,000	100	<50	15	<200	200	N	N	8	<2	.1	<2	12
6GE1089	N	1,000	100	N	20	<200	300	N	N	7	<2	.1	<2	8
6GE1107	10	>5,000	1,000	N	100	N	500	N	N	<5	<2	<.1	2	16
6GE1108	N	5,000	50	N	50	N	200	N	N	<5	<2	.2	2	35
6GE1109A	N	5,000	100	N	50	N	100	N	N	11	<2	.3	<2	41
6GE1109B	70	<100	1,000	3,000	70	N	100	N	N	7	<2	1.8	5	22
6GE1109C	N	1,000	1,000	2,000	30	300	500	N	N	<5	<2	.5	6	34
6GE1109D	10	1,500	700	N	100	<200	500	N	N	<5	<2	.9	<2	33
6GE1109E	100	<100	1,500	3,000	50	<200	200	N	N	<5	<2	1.4	5	10
6GE5001	N	N	150	N	30	<200	100	N	N	<5	<2	.2	<2	32
6GE5002A	100	N	200	2,000	<10	200	50	N	N	<5	<2	.7	3	10
6GE5002B	N	N	15	500	N	<200	100	<100	N	<5	<2	<.1	<2	7
6GE5002C	N	N	200	5,000	N	200	70	N	.40	100	67	1.8	10	71
6GE5003A	50	N	150	2,000	20	300	70	N	N	11	<2	1.0	2	28
6GE5003B	70	N	150	3,000	N	300	20	N	N	<5	<2	1.7	3	18
6GE5003C	N	N	15	N	N	<200	100	N	N	<5	<2	<.1	<2	<2
6GE5003D	20	300	100	1,000	20	300	70	N	N	6	5	.4	2	53
6GE5004	N	N	50	50	<10	N	200	N	N	21	<2	<.1	<2	3
7GE5225A	N	1,000	10	N	N	N	10	N	N	N	N	N	N	N
7GE5225B	N	300	10	200	<10	300	N	N	N	N	12	N	N	5
7GE5226A	N	1,500	15	N	N	<200	N	N	N	N	N	.1	N	<5
7GE5226B	N	N	200	200	10	<200	50	N	.05	160	9	N	2	N
7GE5226C	N	500	30	N	10	200	50	N	N	N	2	N	N	N
7GE5227A	N	1,000	300	N	30	N	100	N	N	10	N	.1	N	N
7GE5227B	N	1,000	500	>10,000	15	N	100	N	N	N	N	.1	N	10
7GE5227C	N	500	1,000	700	15	N	50	N	.05	10	N	.1	N	75
7GE5227D	N	700	200	2,000	N	N	100	N	N	N	N	N	N	20
7GE5228A	N	200	50	N	15	N	100	N	N	N	N	N	N	N

TABLE 16--RESULTS OF ANALYSES, NOTCH PEAK AREA, UTAH--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
7GE5228B	39 11 47	113 23 28	15.00	1.50	7.00	.150	>5,000	N	N	N	10	200
7GE5229A	39 11 46	113 23 43	10.00	.70	5.00	.050	500	N	N	N	10	200
7GE5229B	39 11 46	113 23 43	15.00	2.00	5.00	.100	>5,000	N	N	N	20	200
7GE5229C	39 11 46	113 23 43	1.50	.30	1.00	.700	700	N	N	N	20	200
7GE5229D	39 11 46	113 23 43	1.00	.10	.50	.200	1,000	N	N	N	20	150
7GF5300A	39 7 36	113 21 9	10.00	3.00	10.00	1.000	1,000	N	N	N	200	5,000
7GF5300B	39 7 36	113 21 9	2.00	1.00	10.00	.050	1,000	N	N	N	50	700
7GF5301A	39 7 37	113 21 13	5.00	.50	>20.00	.100	700	N	N	N	<10	150
7GF5301B	39 7 37	113 21 13	7.00	2.00	2.00	.500	500	N	N	N	20	1,000
7GF5302	39 7 45	113 20 56	2.00	1.50	>20.00	.300	1,000	.5	N	N	100	300
7GF5304A	39 7 44	113 21 15	.20	.50	>20.00	.020	700	N	N	N	N	100
7GF5304B	39 7 44	113 21 15	.10	1.00	>20.00	.010	1,000	N	N	N	N	300
7GF5310A	39 9 48	113 22 20	10.00	2.00	>20.00	.200	>5,000	N	N	N	100	50
7GF5310B	39 9 48	113 22 20	15.00	2.00	>20.00	.150	>5,000	N	N	N	100	70
7GF5310C	39 9 48	113 22 20	1.50	.50	2.00	.200	1,000	N	N	N	30	2,000
7GF5311	39 9 21	113 20 11	3.00	1.00	10.00	.500	2,000	.5	N	N	200	500
7GE5315A	39 9 24	113 26 36	7.00	2.00	20.00	.100	>5,000	N	N	N	200	200
7GE5315B	39 9 24	113 26 36	10.00	3.00	>20.00	.100	>5,000	N	N	N	100	20
7GE5315C	39 9 24	113 26 36	15.00	3.00	>20.00	.100	>5,000	N	N	N	100	30
7GE5315D	39 9 24	113 26 36	5.00	2.00	3.00	1.000	1,500	N	N	N	15	1,000
7GE5315E	39 9 24	113 26 36	.50	.10	.50	.020	500	N	N	N	10	700
7GE5315F	39 9 24	113 26 36	.20	.20	10.00	.100	1,000	N	N	N	10	700
7GE5315H	39 9 24	113 26 36	10.00	5.00	>20.00	.150	>5,000	N	N	N	50	5,000
7GE5316	39 9 20	113 26 34	2.00	7.00	>20.00	.150	2,000	N	N	N	20	200
7GE5317	39 9 10	113 26 37	10.00	.20	1.00	.005	1,000	N	1,500	N	500	100
7GE5318A	39 8 41	113 26 28	5.00	.50	1.00	.100	1,000	2.0	N	N	30	500
7GE5318B	39 8 41	113 26 28	2.00	1.00	3.00	.500	1,500	N	N	N	30	1,000
7GE5318C	39 8 41	113 26 28	10.00	1.50	5.00	.200	3,000	10.0	N	N	100	700
7GE5318D	39 8 41	113 26 28	7.00	5.00	>20.00	.100	>5,000	N	N	N	100	70
7GE5318E	39 8 41	113 26 28	10.00	7.00	>20.00	.100	>5,000	N	N	N	200	70
7GE5318F	39 8 41	113 26 28	10.00	2.00	>20.00	.050	>5,000	N	N	N	100	100
7GE5319	39 9 2	113 26 42	2.00	.50	10.00	.700	1,500	<.5	N	N	10	2,000
7GE5320	39 10 50	113 26 58	1.00	.50	2.00	.150	700	N	N	N	50	500

TABLE 16--RESULTS OF ANALYSES, NOTCH PEAK AREA, UTAH--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s
7GE5228B	10.0	N	N	50	50	30	N	500	N	20	10	N	5
7GE5229A	<1.0	N	N	50	20	700	20	20	N	70	150	N	N
7GE5229B	10.0	N	N	100	50	30	30	300	N	70	<10	N	5
7GE5229C	2.0	N	N	10	100	20	700	10	50	15	50	N	10
7GE5229D	5.0	N	N	<5	N	10	30	50	30	5	<10	N	N
7GF5300A	<1.0	N	N	50	300	70	200	<5	<20	100	100	N	50
7GF5300B	<1.0	N	N	5	10	15	N	N	N	15	70	N	<5
7GF5301A	N	N	N	5	50	10	N	<5	N	20	20	N	<5
7GF5301B	<1.0	N	N	20	500	70	100	N	N	50	10	N	20
7GF5302	<1.0	N	N	10	20	20	20	10	N	30	150	N	10
7GF5304A	<1.0	N	N	N	<10	<5	N	N	N	<5	<10	N	N
7GF5304B	5.0	N	N	N	N	5	N	N	N	5	<10	N	N
7GF5310A	10.0	N	N	20	<10	<5	N	100	N	7	50	N	10
7GF5310B	7.0	N	N	10	<10	<5	N	200	N	5	100	N	10
7GF5310C	7.0	N	N	N	<10	5	70	10	50	<5	100	N	5
7GF5311	3.0	N	N	20	30	50	50	10	N	50	200	N	20
7GE5315A	1.0	N	N	20	10	100	N	200	N	10	10	N	5
7GE5315B	<1.0	N	N	20	50	50	N	100	N	20	<10	N	10
7GE5315C	2.0	N	N	20	10	100	N	200	N	20	<10	N	10
7GE5315D	2.0	N	N	10	15	50	50	N	50	5	200	N	15
7GE5315E	<1.0	N	N	N	<10	10	N	N	N	<5	30	N	N
7GE5315F	10.0	N	N	N	N	<5	20	5	100	<5	50	N	20
7GE5315H	3.0	10	N	20	70	20	20	50	N	20	100	N	20
7GE5316	<1.0	N	N	10	30	20	N	5	N	15	<10	N	7
7GE5317	50.0	N	N	N	N	20	N	30	N	5	50	N	N
7GE5318A	20.0	N	N	50	<10	500	N	200	50	5	50	N	5
7GE5318B	10.0	N	N	5	<10	50	50	150	100	<5	100	N	10
7GE5318C	30.0	N	N	100	<10	3,000	50	100	200	N	50	N	10
7GE5318D	20.0	N	N	20	<10	200	<20	20	50	10	10	N	7
7GE5318E	30.0	N	N	20	10	100	50	100	<20	15	20	N	7
7GE5318F	20.0	N	N	5	<10	20	N	100	N	<5	<10	N	<5
7GE5319	2.0	N	N	10	50	20	100	50	200	<5	100	N	20
7GE5320	10.0	N	N	N	N	20	<20	20	50	<5	50	N	5

TABLE 16--RESULTS OF ANALYSES, NOTCH PEAK AREA, UTAH--Continued

Sample	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	AS-PPM ICP	BI-PPM ICP	CD-PPM ICP	SB-PPM ICP	ZN-PPM ICP
7GE5228B	50	300	300	1,000	30	<200	100	N	N	10	1	.2	<2	70
7GE5229A	N	700	150	N	20	<200	50	N	N	60	N	2.3	N	140
7GE5229B	100	200	500	500	50	200	70	N	N	20	4	.2	N	55
7GE5229C	10	200	200	100	30	N	200	N	N	10	N	.1	N	N
7GE5229D	N	N	70	100	<10	<200	70	N	N	N	N	.1	N	N
7GF5300A	N	1,000	500	N	50	200	500	N	N	60	N	N	N	75
7GF5300B	N	N	100	N	<10	<200	<10	N	N	20	N	.1	N	15
7GF5301A	N	300	50	N	15	N	30	N	N	20	N	.1	N	20
7GF5301B	N	500	200	N	30	<200	150	N	N	20	N	N	N	75
7GF5302	N	500	200	N	20	<200	150	N	N	30	N	.1	N	30
7GF5304A	N	200	20	N	<10	N	20	N	N	10	N	.1	<2	10
7GF5304B	N	300	15	N	<10	N	10	N	N	90	N	.1	<2	35
7GF5310A	500	N	200	1,000	50	N	200	N	N	N	N	.1	N	40
7GF5310B	700	100	200	1,500	70	N	100	N	N	<10	N	.1	N	40
7GF5310C	N	700	50	N	20	<200	200	N	N	N	N	N	N	10
7GF5311	N	<100	100	N	70	<200	300	N	N	50	N	.2	N	55
7GE5315A	200	N	200	2,000	30	<200	50	N	N	N	N	.1	N	70
7GE5315B	500	N	200	500	30	200	50	N	N	N	N	.1	N	70
7GE5315C	300	N	150	5,000	30	200	50	N	N	N	N	.1	N	70
7GE5315D	N	500	100	N	50	<200	200	N	N	N	N	N	N	40
7GE5315E	N	N	10	N	N	<200	10	N	N	N	N	N	N	N
7GE5315F	N	5,000	<10	N	10	200	300	N	N	N	N	.1	N	5
7GE5315H	200	1,000	100	1,000	50	200	100	N	N	<10	1	.1	N	50
7GE5316	N	1,000	50	N	20	N	100	N	N	N	N	.1	N	15
7GE5317	N	N	200	100	10	<200	N	N	N	800	N	N	--	55
7GE5318A	N	1,000	50	N	20	N	100	N	.05	<10	N	.1	--	30
7GE5318B	N	1,000	100	N	70	N	200	N	N	N	N	N	--	20
7GE5318C	N	5,000	100	100	50	N	500	N	.10	N	1	1.4	--	150
7GE5318D	200	2,000	200	100	50	N	100	N	N	N	N	.1	--	40
7GE5318E	N	1,000	200	500	50	<200	50	N	N	<10	N	.1	--	30
7GE5318F	300	N	200	2,000	10	<200	100	N	N	N	N	.1	--	40
7GE5319	N	500	100	<50	50	N	500	N	N	20	N	.2	--	100
7GE5320	N	N	70	N	20	<200	100	N	N	N	N	N	--	5

TABLE 17--RESULTS OF ANALYSES, PAVANT BUTTE, UTAH

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

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
7GL5250C	39 7 44	112 32 47	10	5.0	3	1	1,500	N	N	N	10	500
7GL5250B	39 7 44	112 32 47	10	.2	3	1	1,000	N	N	N	10	500
7GL5250A	39 7 44	112 32 47	15	5.0	2	1	700	N	N	N	15	700

TABLE 17--RESULTS OF ANALYSES, PAVANT BUTTE, UTAH--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s
7GL5250C	N	N	N	100	200	100	N	N	N	100	20	N	50
7GL5250B	N	N	N	100	200	200	N	N	N	100	50	N	30
7GL5250A	<1	N	N	100	200	50	N	<5	<20	150	50	<100	70

TABLE 17--RESULTS OF ANALYSES, PAVANT BUTTE, UTAH--Continued

Sample	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	AS-PPM ICP	BI-PPM ICP	CD-PPM ICP	SB-PPM ICP	ZN-PPM ICP
7GL5250C	N	500	200	N	50	200	100	N	N	N	N	.2	<2	100
7GL5250B	N	300	200	N	30	200	100	N	N	N	N	.1	N	80
7GL5250A	20	300	300	N	100	<200	200	N	N	N	1	N	N	90

TABLE 18--RESULTS OF ANALYSES, SABIE MOUNTAIN AREA, UTAH

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

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s
8AN5710A	39 54 59	112 20 34	5.00	.50	1.00	.050	300	2.0	500	N
8AN5710B	39 54 59	112 20 34	1.00	.07	.20	.050	100	.5	N	N
8AN5710C	39 54 59	112 20 34	5.00	.30	<.05	1.000	700	3.0	1,500	N
8AN5710D	39 54 59	112 20 34	.10	.02	.10	.002	50	N	N	N
8AN5710E	39 54 59	112 20 34	5.00	.20	.05	1.000	10	N	1,000	N
8AN5710F	39 54 59	112 20 34	3.00	<.02	<.05	.010	20	3.0	700	N
8AN5710G	39 54 59	112 20 34	2.00	.30	.07	.200	1,000	N	N	N
8AN5710H	39 54 59	112 20 34	2.00	.10	.07	.200	20	2.0	N	N
8AN5710I	39 54 59	112 20 34	3.00	.15	.05	.300	20	<.5	N	N
8AN5710J	39 54 59	112 20 34	3.00	.50	.05	.700	300	3.0	1,000	N
8AN5711A	39 54 56	112 20 44	3.00	.70	.15	.200	500	N	700	N
8AN5711B	39 54 56	112 20 44	.20	.15	.10	.020	200	N	N	N
8AN5711C	39 54 56	112 20 44	5.00	.50	.07	.200	100	N	1,000	N
8AN5712A	39 55 5	112 20 36	1.00	.20	.30	.070	300	N	N	N
8AN5712B	39 55 5	112 20 36	1.50	<.02	<.05	.010	30	20.0	300	N
8AN5712C	39 55 5	112 20 36	2.00	.15	.15	.020	300	N	N	N
8AN5713A	39 56 44	112 20 6	.20	<.02	.07	.050	20	N	N	N
8AN5713B	39 56 44	112 20 6	.30	<.02	<.05	.030	100	N	N	N
8AN5713C	39 56 44	112 20 6	.70	.02	.07	.020	200	N	1,000	N
8AN5713D	39 56 44	112 20 6	N	<.02	<.05	>1.000	20	N	N	N
8AN5713E	39 56 44	112 20 6	.05	<.02	<.05	>1.000	50	N	N	N
8AN5713F	39 56 44	112 20 6	5.00	.02	.05	.050	20	N	<200	N
8AN5713G	39 56 44	112 20 6	.07	.03	.20	1.000	100	N	N	N
8AN5713H	39 56 44	112 20 6	2.00	.02	.10	.030	70	N	300	N
8AN5713I	39 56 44	112 20 6	.07	.10	1.00	>1.000	70	N	N	N
8AN5714A	39 56 44	112 21 6	>20.00	5.00	1.00	.030	>5,000	N	<200	N
8AN5714B	39 56 44	112 21 6	7.00	7.00	2.00	.100	1,500	N	200	N
9AN5851A	39 58 20	112 17 48	.15	1.00	>20.00	.015	1,500	N	N	N
9AN5852A	39 57 20	112 18 51	.07	.50	.20	.100	500	N	N	N
9AN5853A	39 56 19	112 19 18	5.00	1.00	.10	.200	1,000	N	N	N
9AN5853B	39 56 19	112 19 18	7.00	1.00	.10	.300	1,500	N	N	N
9AN5854A	39 56 33	112 19 55	.50	.02	.07	.020	30	N	N	N

TABLE 18--RESULTS OF ANALYSES, SABIE MOUNTAIN AREA, UTAH--Continued

Sample	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s
8AN5710A	20	1,500	<1.0	N	N	N	50	30	<50	<5	N	50
8AN5710B	10	200	<1.0	N	N	N	30	10	<50	N	N	20
8AN5710C	<10	1,500	<1.0	N	N	10	10	15	<50	N	N	10
8AN5710D	20	100	N	N	N	N	N	<5	N	N	N	<5
8AN5710E	<10	200	1.0	N	N	N	20	30	<50	N	N	<5
8AN5710F	<10	500	N	N	N	15	<10	7	N	N	N	15
8AN5710G	10	200	<1.0	N	N	N	N	7	<50	N	N	5
8AN5710H	15	5,000	<1.0	N	N	N	<10	30	50	N	N	5
8AN5710I	10	>5,000	<1.0	N	N	<10	10	20	<50	N	N	10
8AN5710J	<10	500	<1.0	N	N	20	30	20	150	N	N	15
8AN5711A	<10	300	<1.0	N	N	<10	<10	20	<50	N	N	10
8AN5711B	10	50	N	N	N	N	N	<5	N	N	N	10
8AN5711C	100	500	1.5	N	N	N	20	20	<50	N	N	30
8AN5712A	10	300	N	N	N	N	<10	15	N	5	N	20
8AN5712B	<10	300	N	N	N	<10	N	10	N	N	N	7
8AN5712C	10	200	N	N	N	<10	<10	15	N	5	N	10
8AN5713A	<10	200	N	N	N	N	N	7	N	N	N	5
8AN5713B	<10	200	N	N	N	N	N	5	N	N	N	5
8AN5713C	<10	200	N	N	N	N	<10	7	N	N	N	7
8AN5713D	<10	300	N	N	N	N	N	5	N	N	N	15
8AN5713E	10	300	N	N	N	N	<10	<5	N	N	20	20
8AN5713F	10	300	N	N	N	10	<10	30	N	10	N	10
8AN5713G	<10	1,000	N	N	N	N	10	20	100	N	<20	<5
8AN5713H	<10	300	N	N	N	N	<10	30	N	N	N	10
8AN5713I	<10	3,000	N	N	N	N	10	7	100	N	<20	N
8AN5714A	N	300	2.0	N	N	100	N	10	N	N	N	70
8AN5714B	30	200	<1.0	N	N	20	10	7	N	N	N	20
9AN5851A	N	200	N	N	N	N	N	5	N	N	N	N
9AN5852A	20	1,000	1.5	N	N	N	N	<5	N	N	N	N
9AN5853A	100	200	3.0	N	N	20	150	30	70	N	N	50
9AN5853B	200	150	5.0	N	N	30	200	50	70	N	<20	70
9AN5854A	15	1,500	N	N	N	N	10	<5	N	N	N	<5

TABLE 18--RESULTS OF ANALYSES, SABIE MOUNTAIN AREA, UTAH--Continued

Sample	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa
8AN5710A	15	N	N	N	N	100	N	20	<200	20	N	.05
8AN5710B	<10	N	N	N	N	70	N	<10	<200	30	N	<.05
8AN5710C	10	N	5	N	N	150	N	10	N	200	N	.10
8AN5710D	N	N	N	N	N	<10	N	N	N	N	N	<.05
8AN5710E	10	N	7	N	N	200	N	15	N	200	N	<.05
8AN5710F	10	200	10	N	N	15	N	50	N	<10	N	<.05
8AN5710G	15	N	N	N	N	30	N	N	N	70	N	<.05
8AN5710H	15	N	N	N	N	30	N	10	N	150	N	<.05
8AN5710I	15	N	N	N	100	50	N	15	N	150	N	<.05
8AN5710J	15	N	15	N	150	200	N	30	N	300	N	.10
8AN5711A	15	N	N	N	N	70	N	<10	N	150	N	<.05
8AN5711B	<10	N	N	N	N	15	N	N	N	50	N	<.05
8AN5711C	15	N	5	N	200	70	N	10	N	150	N	<.05
8AN5712A	10	300	<5	N	200	20	N	15	N	20	N	<.05
8AN5712B	<10	200	<5	N	N	15	N	50	N	<10	N	.10
8AN5712C	<10	<100	N	N	N	20	N	10	N	30	N	<.05
8AN5713A	<10	300	N	N	N	10	N	N	N	30	N	<.05
8AN5713B	<10	200	N	N	<100	10	N	N	N	30	N	<.05
8AN5713C	<10	300	N	N	N	15	N	N	N	20	N	<.05
8AN5713D	<10	N	10	N	N	15	N	10	N	1,000	N	<.05
8AN5713E	<10	N	20	N	N	15	N	15	N	1,000	N	<.05
8AN5713F	<10	100	N	N	200	15	N	N	N	30	N	<.05
8AN5713G	<10	N	10	N	1,500	70	N	20	N	300	N	<.05
8AN5713H	<10	N	N	N	N	30	N	N	N	20	N	<.05
8AN5713I	<10	N	20	N	500	70	N	20	N	1,000	N	<.05
8AN5714A	<10	N	N	N	N	15	N	50	500	10	N	<.05
8AN5714B	<10	100	N	N	<100	30	N	10	N	50	N	<.05
9AN5851A	<10	N	N	N	N	10	N	N	N	<10	N	N
9AN5852A	20	N	N	N	N	20	N	<10	N	50	N	N
9AN5853A	20	N	15	N	N	200	N	30	N	100	N	N
9AN5853B	20	N	20	N	N	200	N	50	N	150	N	N
9AN5854A	N	N	N	N	N	<10	N	30	N	<10	N	N

TABLE 18--RESULTS OF ANALYSES, SABIE MOUNTAIN AREA, UTAH--Continued

Sample	AS-PPM ICP	BI-PPM ICP	CD-PPM ICP	SB-PPM ICP	ZN-PPM ICP	Na-pct. s	P-pct. s	Ga-ppm s	Ge-ppm s	HG-PPM CV	F% ISE
8AN5710A	390	<2	1.4	28	88	N	.5	<5	N	.40	.05
8AN5710B	190	<2	.6	17	46	N	.3	<5	N	.40	.03
8AN5710C	1,300	<2	.4	17	96	N	<.2	10	N	.60	.01
8AN5710D	11	<2	.3	<2	<2	N	<.2	N	N	N	<.01
8AN5710E	680	<2	.1	6	5	N	N	20	N	N	.02
8AN5710F	600	<2	.5	200	10	N	N	<5	N	31.00	<.01
8AN5710G	46	<2	.1	4	24	N	<.2	10	N	.18	.02
8AN5710H	100	<2	.2	9	33	N	<.2	15	N	.16	.03
8AN5710I	150	<2	.3	14	36	N	<.2	20	N	.38	.02
8AN5710J	900	<2	.3	9	47	N	<.2	15	N	.40	.02
8AN5711A	490	<2	.2	8	30	N	<.2	15	N	N	.03
8AN5711B	17	<2	<.1	2	11	N	<.2	5	N	.04	.02
8AN5711C	960	<2	.2	31	58	N	.2	15	N	2.60	.03
8AN5712A	110	<2	.2	190	13	N	.2	<5	N	>36.00	.02
8AN5712B	330	<2	.3	140	5	N	<.2	<5	N	>36.00	.01
8AN5712C	190	<2	.4	32	13	N	<.2	<5	N	>36.00	.01
8AN5713A	68	<2	<.1	100	<2	N	<.2	<5	N	>36.00	<.01
8AN5713B	66	<2	<.1	83	<2	N	<.2	<5	N	>36.00	<.01
8AN5713C	330	<2	<.1	120	<2	N	<.2	<5	N	>36.00	<.01
8AN5713D	<5	<2	<.1	2	<2	N	<.2	<5	N	1.40	<.01
8AN5713E	<5	<2	<.1	<2	<2	N	<.2	5	N	1.12	<.01
8AN5713F	270	<2	.2	15	<2	<.2	<.2	5	N	32.00	.01
8AN5713G	5	<2	<.1	<2	<2	N	.3	7	N	.44	<.01
8AN5713H	260	<2	<.1	10	<2	N	<.2	5	N	5.60	<.01
8AN5713I	49	<2	<.1	<2	<2	1.5	.3	20	N	.52	.01
8AN5714A	420	<2	7.1	4	390	.5	N	20	N	1.16	.03
8AN5714B	470	<2	1.4	20	56	.2	N	10	N	1.28	.06
9AN5851A	<5	<2	.2	3	6	<.2	N	N	N	.14	.01
9AN5852A	7	<2	.2	3	22	3.0	<.2	10	N	.08	.01
9AN5853A	10	<2	.3	5	110	1.0	<.2	20	N	.08	.03
9AN5853B	12	<2	.5	6	104	1.0	<.2	20	N	.08	.05
9AN5854A	51	<2	<.1	10	<2	N	N	N	N	.34	<.01

TABLE 19--RESULTS OF ANALYSES, SAND HILLS AREA, UTAH

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

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s
9CM5813A	39 42 4	112 25 31	.2	.03	.07	.050	20	N	N	N
9CM5813B	39 42 4	112 25 31	10.0	.03	.10	.150	30	N	N	N
9CM5814A	39 41 26	112 25 47	10.0	3.00	2.00	.300	1,000	N	N	N
9CM5814B	39 41 26	112 25 47	5.0	3.00	1.50	.200	1,000	N	N	N
9CM5814C	39 41 26	112 25 47	3.0	.70	.70	.200	500	N	N	N
9CM5815A	39 41 52	112 26 3	.5	.05	.20	.100	70	N	N	N
9CM5816A	39 41 58	112 26 7	1.0	.02	.10	.010	100	1.0	5,000	N
9CM5817A	39 38 28	112 27 29	2.0	7.00	10.00	.150	150	20.0	500	N
9CM5817B	39 38 28	112 27 29	5.0	>10.00	>20.00	.010	1,000	1,000.0	500	N
9CM5817C	39 38 28	112 27 29	1.5	>10.00	>20.00	.150	700	2.0	N	N
9CM5818A	39 38 59	112 26 57	1.0	.05	.20	.070	200	100.0	200	N
9CM5818B	39 38 59	112 26 57	.1	<.02	.05	.010	100	3.0	N	N
9CM5819A	39 39 17	112 26 41	3.0	.02	.10	.015	20	1,500.0	700	N
9CM5819B	39 39 17	112 26 41	.5	.50	1.50	.010	300	10.0	N	N
9CM5820A	39 39 16	112 26 15	.7	.02	.07	.020	200	100.0	200	N
9CM5821A	39 39 18	112 26 14	7.0	7.00	3.00	>1.000	1,500	3.0	N	N
9CM5822A	39 39 20	112 26 9	2.0	.02	.01	.005	10	50.0	500	N
9CM5822B	39 39 20	112 26 9	3.0	.02	<.05	.010	15	70.0	<200	N
9CM5823A	39 38 17	112 26 53	.7	10.00	>20.00	.015	2,000	20.0	N	N
9CM5823B	39 38 17	112 26 53	1.0	>10.00	>20.00	.010	2,000	200.0	N	N

TABLE 19--RESULTS OF ANALYSES, SAND HILLS AREA, UTAH--Continued

Sample	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s
9CM5813A	15	50	<1	N	N	N	N	100	N	N	N	<5
9CM5813B	50	200	<1	N	N	<10	15	30	N	N	N	<5
9CM5814A	<10	2,000	<1	N	N	<10	100	30	50	N	N	15
9CM5814B	<10	2,000	1	N	N	N	15	20	<50	N	N	<5
9CM5814C	10	2,000	<1	N	N	N	N	<5	<50	N	N	N
9CM5815A	20	70	N	N	N	N	<10	<5	N	N	N	5
9CM5816A	15	70	N	N	N	N	<10	10,000	N	N	N	<5
9CM5817A	20	>5,000	N	N	20	N	10	500	N	N	N	N
9CM5817B	20	5,000	2	N	30	N	N	20,000	<50	N	N	N
9CM5817C	50	200	N	N	N	<10	20	100	N	N	N	<5
9CM5818A	10	150	N	N	N	N	<10	2,000	N	N	N	<5
9CM5818B	10	50	N	N	N	N	N	200	N	N	N	<5
9CM5819A	10	5,000	N	>1,000	100	N	<10	10,000	<50	N	N	7
9CM5819B	10	100	N	N	N	N	<10	100	N	N	N	5
9CM5820A	10	3,000	N	>1,000	N	N	<10	500	N	N	N	5
9CM5821A	N	3,000	<1	20	N	50	500	50	70	N	<20	100
9CM5822A	10	70	N	N	N	N	N	3,000	N	N	N	5
9CM5822B	15	50	N	N	N	N	N	2,000	N	N	N	5
9CM5823A	N	20	N	N	N	N	N	300	N	N	N	N
9CM5823B	N	500	N	N	N	N	N	2,000	N	N	N	N

TABLE 19--RESULTS OF ANALYSES, SAND HILLS AREA, UTAH--Continued

Sample	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
9CM5813A	30	N	N	N	N	10	N	N	N	20	N
9CM5813B	50	N	N	N	N	30	N	<10	N	100	N
9CM5814A	20	N	15	N	300	200	N	20	N	150	N
9CM5814B	50	N	<5	N	300	100	N	10	N	150	N
9CM5814C	15	N	N	N	200	15	N	10	N	150	N
9CM5815A	N	N	N	N	N	15	N	N	N	15	N
9CM5816A	N	<100	N	N	N	<10	N	N	N	N	N
9CM5817A	15,000	3,000	N	N	1,500	15	N	N	1,000	15	N
9CM5817B	>20,000	>10,000	N	30	1,000	100	N	N	700	N	N
9CM5817C	300	<100	N	N	200	20	N	<10	N	<10	N
9CM5818A	50	3,000	N	N	N	20	N	N	N	100	N
9CM5818B	<10	100	N	N	N	15	N	N	N	<10	N
9CM5819A	10,000	>10,000	N	N	N	500	N	N	300	150	N
9CM5819B	30	200	N	N	N	20	N	N	N	20	N
9CM5820A	3,000	3,000	N	N	N	150	N	N	N	70	N
9CM5821A	150	100	15	N	500	200	N	15	N	150	N
9CM5822A	150	3,000	N	N	N	100	N	N	N	<10	N
9CM5822B	15	1,500	N	N	N	15	N	N	N	50	N
9CM5823A	>20,000	200	N	N	200	10	N	N	N	N	N
9CM5823B	>20,000	500	N	N	300	50	70	N	N	N	N

TABLE 19--RESULTS OF ANALYSES, SAND HILLS AREA, UTAH--Continued

Sample	Au-ppm aa	AS-PPM ICP	BI-PPM ICP	CD-PPM ICP	SB-PPM ICP	ZN-PPM ICP	Na-pct. s	P-pct. s	Ga-ppm s	Ge-ppm s	HG-PPM CV	F% ISE
9CM5813A	N	<5	<2	.3	2	51	N	<.2	<5	N	.06	<.01
9CM5813B	N	13	<2	<.1	4	14	<.2	N	5	N	.12	.01
9CM5814A	N	<5	<2	.4	2	62	3.0	<.2	20	N	.04	.04
9CM5814B	N	<5	<2	.3	<2	61	3.0	.2	30	N	.04	.03
9CM5814C	N	5	<2	.2	3	42	3.0	.2	20	N	.06	.03
9CM5815A	N	30	<2	<.1	2	3	N	<.2	N	N	.08	<.01
9CM5816A	N	1,770	<2	.2	48	19	N	<.2	<5	N	>36.00	<.01
9CM5817A	N	649	5	50.6	1,790	995	N	N	7	N	2.40	.03
9CM5817B	.05	1,750	27	68.2	11,100	1,770	N	N	5	N	.14	.01
9CM5817C	N	22	<2	.5	134	7	N	N	10	N	N	.04
9CM5818A	.25	210	<2	10.8	1,860	89	N	N	N	N	N	<.01
9CM5818B	.05	53	<2	.1	96	12	N	<.2	N	N	.10	<.01
9CM5819A	.05	636	2,360	151.0	13,200	521	N	N	N	N	6.00	<.01
9CM5819B	N	28	9	.7	158	7	N	N	N	N	.08	<.01
9CM5820A	.20	357	868	9.2	2,000	83	N	N	N	N	1.00	<.01
9CM5821A	N	<5	7	.8	100	73	2.0	.5	30	N	.10	.05
9CM5822A	.90	409	17	4.8	1,750	218	N	N	N	N	.88	<.01
9CM5822B	1.15	135	9	1.5	843	146	N	N	<5	N	.92	<.01
9CM5823A	.05	14	<2	1.7	141	141	N	N	N	N	.24	<.01
9CM5823B	3.90	225	<2	3.6	307	398	N	N	N	N	2.10	<.01

TABLE 20--RESULTS OF ANALYSES, SHEEPROCK RANGE, UTAH

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

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
6AL5097	39 58 7	112 33 38	5.0	.10	.05	.200	>5,000	5.0	N	N	20	70
6AL5098	39 58 32	112 33 37	7.0	.20	.05	.150	>5,000	50.0	N	N	20	1,500
6AL5099	39 58 7	112 31 41	>20.0	.10	<.05	.100	500	150.0	N	N	<10	20
6AL5100	39 58 9	112 31 53	20.0	.05	<.05	.050	5,000	10.0	200	N	<10	30
6AL5101	39 58 19	112 31 31	>20.0	.05	<.05	.070	2,000	50.0	200	N	<10	20
6AL5102	39 58 22	112 31 40	10.0	5.00	.20	.200	>5,000	10.0	N	N	<10	50
6AL5103	39 58 32	112 31 12	5.0	.02	<.05	.050	100	2.0	N	N	10	<20
6AL5104	39 58 35	112 31 13	20.0	2.00	<.05	.050	3,000	5.0	N	N	N	<20
6AL5105	39 58 28	112 30 25	>20.0	1.00	<.05	.050	1,500	200.0	N	N	N	20
6AM5106	39 57 18	112 29 14	2.0	.30	<.05	.100	2,000	20.0	N	N	20	<20
6AM5107	39 57 10	112 29 45	20.0	1.50	.20	.200	1,500	1.0	N	N	70	500
6AL5108	39 56 20	112 30 40	3.0	.20	.20	.100	700	N	N	N	20	100
6AM5109	39 56 16	112 29 20	5.0	.50	<.05	.500	300	N	N	N	100	200
6AM5110	39 56 31	112 28 26	5.0	<.02	<.05	.010	50	N	N	N	20	20
6AM5111	39 57 19	112 28 3	10.0	1.00	5.00	.007	5,000	200.0	N	N	<10	<20
6AM5112	39 57 12	112 26 47	5.0	1.00	.05	.300	500	N	N	N	30	500
6AM5113	39 55 57	112 25 23	5.0	.02	<.05	.050	5,000	5.0	N	N	20	50
6AM5114	39 56 44	112 24 8	2.0	.02	<.05	.200	100	200.0	200	N	20	1,000
7AL5444A	39 54 48	112 30 27	1.5	.20	3.00	.200	700	<.5	N	N	50	3,000
7AL5444B	39 54 48	112 30 27	1.0	.20	2.00	.200	700	N	N	N	<10	500
7AL5445A	39 54 40	112 30 31	15.0	.02	20.00	.005	20	5.0	N	N	200	50
7AL5445B	39 54 40	112 30 31	20.0	.02	20.00	.010	50	10.0	N	N	200	50
7AL5445C	39 54 40	112 30 31	2.0	.15	.50	.150	100	N	N	N	30	700
7AL5445D	39 54 40	112 30 31	1.5	.10	2.00	.150	300	N	N	N	15	200
7AL5446	39 54 40	112 30 38	10.0	.20	.20	.070	>5,000	20.0	N	N	100	500

TABLE 20--RESULTS OF ANALYSES, SHEEPROCK RANGE, UTAH--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s
6AL5097	2	N	N	<5	N	2,000	100	20	50	5	50	N	N	N
6AL5098	10	<10	N	<5	N	3,000	100	500	100	5	2,000	100	<5	N
6AL5099	1	100	N	N	10	30	N	N	N	<5	10,000	N	N	200
6AL5100	3	N	N	<5	<10	100	N	<5	N	10	15,000	N	10	100
6AL5101	<1	150	20	10	10	50	N	50	N	5	20,000	N	<5	300
6AL5102	<1	<10	50	20	20	200	N	50	50	10	2,000	N	5	30
6AL5103	N	N	N	<5	<10	100	N	7	N	7	10,000	N	N	N
6AL5104	2	N	N	20	<10	100	N	N	N	10	2,000	N	5	>1,000
6AL5105	<1	10	>500	30	<10	700	N	20	N	30	>20,000	N	N	N
6AM5106	<1	20	N	20	<10	100	N	<5	N	5	20,000	N	N	1,000
6AM5107	2	15	N	20	70	150	30	N	N	50	15,000	N	10	70
6AL5108	10	N	N	5	N	5	50	10	100	10	200	N	N	10
6AM5109	5	N	N	7	30	10	<20	N	N	20	50	N	5	50
6AM5110	<1	N	N	<5	<10	7	N	N	N	5	100	N	N	500
6AM5111	1	50	20	10	<10	1,000	N	<5	N	15	>20,000	N	N	N
6AM5112	<1	N	N	7	20	30	20	N	30	20	200	N	7	N
6AM5113	5	N	N	100	<10	200	N	20	N	30	15,000	150	N	N
6AM5114	<1	N	N	<5	<10	200	N	100	N	15	>20,000	2,000	N	N
7AL5444A	20	N	N	<5	<10	20	100	N	50	5	70	N	5	N
7AL5444B	15	N	N	<5	<10	10	100	N	50	<5	30	N	5	N
7AL5445A	<1	>1,000	N	200	N	1,000	N	10	N	50	200	N	N	N
7AL5445B	2	>1,000	N	200	<10	10,000	N	20	N	70	100	N	N	N
7AL5445C	5	30	N	5	<10	200	N	N	50	7	70	N	5	N
7AL5445D	20	15	N	5	<10	100	50	N	100	5	50	N	5	N
7AL5446	7	50	N	50	<10	10,000	50	20	N	30	30	N	5	N

TABLE 20--RESULTS OF ANALYSES, SHEEPROCK RANGE, UTAH--Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	AS-PPM ICP	BI-PPM ICP	CD-PPM ICP	SB-PPM ICP	ZN-PPM ICP
6AL5097	N	20	100	30	N	100	N	N	N	<1	.5	N	30
6AL5098	N	10	N	200	500	300	N	N	100	5	2.6	88	400
6AL5099	N	20	1,000	<10	5,000	500	N	N	N	290	5.5	N	>2,000
6AL5100	N	50	100	<10	5,000	50	N	N	300	8	18.0	30	>2,000
6AL5101	N	50	N	10	>10,000	70	N	N	400	330	30.0	6	>2,000
6AL5102	N	50	N	20	3,000	200	N	N	30	10	60.0	2	>2,000
6AL5103	N	20	N	N	1,000	150	N	N	100	6	1.5	4	600
6AL5104	N	20	N	10	7,000	50	N	N	70	10	20.0	2	>2,000
6AL5105	N	20	N	<10	>10,000	50	N	.15	30	11	>100.0	84	>2,000
6AM5106	N	50	N	<10	3,000	200	N	N	110	50	1.6	6	>2,000
6AM5107	N	100	N	20	1,000	150	N	N	400	14	2.3	2	1,000
6AL5108	N	10	N	50	<200	200	N	N	10	N	.5	N	140
6AM5109	N	70	N	20	N	700	N	N	10	N	N	N	70
6AM5110	N	<10	N	<10	<200	50	N	N	30	<1	N	N	90
6AM5111	N	10	50	20	>10,000	<10	N	N	50	47	32.0	74	>2,000
6AM5112	N	70	N	20	<200	200	N	N	20	N	.3	N	200
6AM5113	N	10	70	30	3,000	100	N	N	190	N	2.5	90	>2,000
6AM5114	100	50	N	10	500	200	N	.15	400	3	13.0	>1,000	500
7AL5444A	1,000	20	N	30	<200	100	N	N	N	<1	.1	N	5
7AL5444B	200	15	N	20	<200	200	N	N	N	1	.1	<2	5
7AL5445A	N	<10	N	30	200	N	N	N	N	>1,000	N	<2	<5
7AL5445B	N	15	N	50	<200	N	N	N	20	>1,000	N	<2	5
7AL5445C	<100	15	N	20	<200	50	N	N	N	3	.1	<2	45
7AL5445D	N	15	N	30	<200	200	N	N	N	1	N	<2	10
7AL5446	N	100	N	50	<200	100	N	N	20	36	.1	N	10

TABLE 21--RESULTS OF ANALYSES, SIMPSON MOUNTAINS, UTAH

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

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s
6AK5082	39 53 57	112 42 33	10.00	1.50	2.00	.200	>5,000	10.0	N	N
6AK5083	39 54 22	112 42 44	7.00	2.00	7.00	.200	>5,000	1.0	N	N
6AK5084	39 55 59	112 43 1	7.00	.30	.10	.050	>5,000	1.0	N	N
6AK5085	39 55 52	112 43 51	5.00	1.00	<.05	.200	>5,000	1.0	N	N
6AK5086	39 55 55	112 43 36	15.00	2.00	.70	.100	>5,000	7.0	N	N
6AK5087A	39 54 54	112 43 38	15.00	1.50	.20	.500	>5,000	.5	N	N
6AK5087B	39 54 54	112 43 38	20.00	1.00	.05	.070	>5,000	50.0	N	N
6AK5088A	39 54 11	112 44 25	15.00	2.00	<.05	.500	>5,000	20.0	N	N
6AK5088B	39 54 11	112 44 25	10.00	5.00	.20	.500	>5,000	100.0	N	N
6AK5089	39 54 51	112 44 34	10.00	3.00	.50	.200	>5,000	20.0	N	N
6AJ5091	39 55 6	112 45 33	7.00	1.00	.20	.100	>5,000	100.0	N	N
6AK5092	39 56 18	112 44 52	5.00	.07	<.05	.050	700	2.0	N	N
6AK5094	39 59 4	112 44 4	2.00	10.00	20.00	.010	2,000	<.5	N	N
6AK5095	39 58 26	112 44 0	10.00	1.00	20.00	.100	1,000	N	1,000	N
6AK5096	39 55 1	112 39 15	10.00	.05	.05	.030	>5,000	5.0	N	N
9AK5856A	39 54 21	112 37 35	5.00	1.00	.20	.150	300	2.0	N	N
9AK5856B	39 54 21	112 37 35	7.00	.70	.50	.200	300	5.0	N	N
9AK5856C	39 54 21	112 37 35	.05	.03	1.00	.005	2,000	N	N	N
9AK5856D	39 54 21	112 37 35	1.00	.05	.10	.150	300	3.0	N	N
9AK5856E	39 54 21	112 37 35	.70	.10	.07	.150	200	5.0	N	N
9AK5856F	39 54 21	112 37 35	.70	.20	5.00	.100	1,500	3.0	N	N
9AK5856G	39 54 21	112 37 35	1.00	.07	.50	.050	500	5.0	N	N
9AK5856I	39 54 21	112 37 35	1.00	.15	.05	.100	100	5.0	N	N
9AK5857A	39 54 35	112 37 30	2.00	<.02	.10	.500	20	15.0	N	N
9AK5857B	39 54 35	112 37 30	10.00	1.50	10.00	.150	200	.5	<200	N
9AL5858A	39 54 29	112 37 25	20.00	.50	.20	.200	1,000	N	N	N
9AL5858B	39 54 29	112 37 25	2.00	.50	3.00	.150	500	N	N	N
9AK5859A	39 53 11	112 42 1	.20	.03	.05	.100	100	N	N	N
9AK5859B	39 53 11	112 42 1	.05	.07	<.05	.100	100	N	N	N
9AK5859C	39 53 11	112 42 1	5.00	.70	>20.00	.030	>5,000	N	N	N

TABLE 21--RESULTS OF ANALYSES, SIMPSON MOUNTAINS, UTAH--Continued

Sample	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s
6AK5082	50	500	2	N	70	20	150	500	<20	500	N	100
6AK5083	30	1,000	3	N	N	5	10	20	N	N	N	10
6AK5084	20	20	2	N	N	<5	<10	100	N	N	N	<5
6AK5085	30	500	5	N	N	5	15	10	N	N	N	10
6AK5086	<10	20	5	N	200	10	20	200	N	N	N	<5
6AK5087A	30	500	20	N	N	20	50	70	20	N	50	30
6AK5087B	<10	<20	3	N	500	15	<10	500	N	N	N	30
6AK5088A	10	70	10	20	N	50	50	100	N	700	<20	30
6AK5088B	20	500	3	N	N	70	30	100	20	1,000	N	20
6AK5089	20	200	2	N	50	20	20	700	N	15	N	30
6AJ5091	10	5,000	5	N	200	10	30	500	<20	100	N	30
6AK5092	15	<20	N	N	N	<5	<10	15	N	20	N	5
6AK5094	N	N	N	N	N	N	<10	10	N	5	N	<5
6AK5095	20	70	<1	N	N	20	50	15	N	<5	N	50
6AK5096	10	70	2	N	N	<5	<10	1,000	N	10	N	15
9AK5856A	20	300	1	N	N	N	10	15	<50	N	N	<5
9AK5856B	10	700	5	N	N	N	20	30	50	N	N	<5
9AK5856C	15	100	150	N	N	N	N	<5	N	N	N	<5
9AK5856D	10	1,000	7	N	N	N	10	10	N	N	N	N
9AK5856E	10	1,500	5	N	N	N	<10	10	N	N	<20	<5
9AK5856F	15	200	7	N	N	N	15	10	N	N	N	<5
9AK5856G	20	200	2	N	N	N	N	<5	<50	N	200	N
9AK5856I	50	1,500	5	N	N	N	<10	<5	<50	N	N	N
9AK5857A	10	1,500	N	N	N	N	15	30	<50	N	N	<5
9AK5857B	20	500	1	30	N	<10	20	30	N	N	N	7
9AL5858A	<10	700	10	N	N	30	30	30	N	N	<20	70
9AL5858B	15	200	10	N	N	N	<10	5	50	N	30	<5
9AK5859A	20	200	<1	N	N	N	<10	<5	N	N	N	<5
9AK5859B	20	200	1	N	N	N	<10	<5	N	N	N	<5
9AK5859C	10	>5,000	7	N	N	20	N	50	<50	N	N	50

TABLE 21--RESULTS OF ANALYSES, SIMPSON MOUNTAINS, UTAH--Continued

Sample	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
6AK5082	10,000	N	10	N	1,000	150	N	100	7,000	200	N
6AK5083	100	N	5	N	<100	50	N	20	<200	200	N
6AK5084	200	N	N	N	100	15	N	N	2,000	50	N
6AK5085	1,000	N	<5	N	N	30	N	10	2,000	200	N
6AK5086	15,000	N	5	N	100	70	N	70	>10,000	200	N
6AK5087A	1,000	N	7	>1,000	N	100	N	50	3,000	500	N
6AK5087B	>20,000	N	N	200	N	20	N	10	>10,000	300	N
6AK5088A	10,000	N	10	N	N	100	N	30	5,000	500	N
6AK5088B	>20,000	N	10	N	N	100	N	100	3,000	1,000	N
6AK5089	20,000	N	5	<10	N	50	N	20	>10,000	200	N
6AJ5091	20,000	N	<5	100	1,000	200	N	50	>10,000	200	N
6AK5092	2,000	N	N	20	N	10	N	<10	<200	100	N
6AK5094	10,000	N	N	N	<100	<10	N	N	<200	N	N
6AK5095	70	N	<5	N	200	50	N	10	<200	100	N
6AK5096	20,000	N	5	N	N	30	N	20	10,000	N	N
9AK5856A	100	N	5	N	N	50	N	10	N	100	N
9AK5856B	50	N	7	N	N	150	N	15	N	150	N
9AK5856C	<10	<100	N	N	N	<10	N	N	N	N	N
9AK5856D	30	N	N	N	N	10	N	N	N	100	N
9AK5856E	20	N	N	N	N	15	N	N	N	100	N
9AK5856F	50	N	N	N	100	15	N	N	N	30	N
9AK5856G	150	N	N	<10	N	15	N	30	N	100	N
9AK5856I	10	N	N	N	N	30	N	N	N	50	N
9AK5857A	150	N	N	N	200	30	N	N	N	150	N
9AK5857B	200	100	5	N	300	200	N	15	<200	50	N
9AL5858A	30	N	5	N	N	200	N	15	200	150	N
9AL5858B	100	N	N	10	N	20	N	30	N	100	N
9AK5859A	<10	N	N	N	N	10	N	N	N	200	N
9AK5859B	<10	N	N	N	N	15	N	N	N	50	N
9AK5859C	<10	N	N	N	500	200	70	50	700	N	N

TABLE 21--RESULTS OF ANALYSES, SIMPSON MOUNTAINS, UTAH--Continued

Sample	Au-ppm aa	AS-PPM ICP	BI-PPM ICP	CD-PPM ICP	SB-PPM ICP	ZN-PPM ICP	Na-pct. s	P-pct. s	Ga-ppm s	Ge-ppm s	HG-PPM CV	F% ISE
6AK5082	N	60	<1	99.0	14	>2,000	--	--	--	--	--	--
6AK5083	N	90	<1	.2	N	70	--	--	--	--	--	--
6AK5084	N	20	N	15.0	N	1,500	--	--	--	--	--	--
6AK5085	N	20	1	5.2	N	>2,000	--	--	--	--	--	--
6AK5086	N	50	<1	>100.0	N	>2,000	--	--	--	--	--	--
6AK5087A	N	30	2	4.0	N	1,500	--	--	--	--	--	--
6AK5087B	N	10	5	>100.0	12	>2,000	--	--	--	--	--	--
6AK5088A	<.05	40	22	9.6	22	>2,000	--	--	--	--	--	--
6AK5088B	.05	110	4	26.0	18	>2,000	--	--	--	--	--	--
6AK5089	N	10	1	74.0	N	>2,000	--	--	--	--	--	--
6AJ5091	N	100	1	>100.0	4	>2,000	--	--	--	--	--	--
6AK5092	N	110	3	.9	N	180	--	--	--	--	--	--
6AK5094	N	30	N	.4	N	30	--	--	--	--	--	--
6AK5095	N	1,100	N	N	6	40	--	--	--	--	--	--
6AK5096	N	300	3	3.8	16	>2,000	--	--	--	--	--	--
9AK5856A	N	15	<2	.1	3	47	<.2	<.2	10	N	.10	.05
9AK5856B	N	47	<2	.4	5	84	N	N	15	N	.12	.04
9AK5856C	N	<5	<2	<.1	<2	4	N	<.2	<5	N	.02	<.01
9AK5856D	.05	256	<2	<.1	3	11	N	N	5	N	.04	<.01
9AK5856E	N	46	<2	<.1	<2	14	N	<.2	<5	N	.04	.02
9AK5856F	N	24	<2	.3	<2	42	N	N	<5	N	.02	.01
9AK5856G	N	40	<2	.2	6	31	2.0	N	30	N	.12	.02
9AK5856I	N	46	<2	.1	4	11	1.5	<.2	10	N	.56	.04
9AK5857A	2.70	64	14	.2	33	6	N	<.2	<5	N	>34.00	<.01
9AK5857B	3.00	225	19	2.0	140	81	1.0	N	30	N	25.20	.05
9AL5858A	N	107	3	2.5	8	146	1.5	N	20	N	N	.05
9AL5858B	N	31	3	.2	5	24	5.0	<.2	30	N	.02	.02
9AK5859A	N	20	<2	<.1	<2	7	N	<.2	<5	N	.04	<.01
9AK5859B	N	<5	<2	<.1	<2	<2	N	<.2	5	N	.02	.01
9AK5859C	.05	120	7	3.7	21	757	N	N	5	N	.04	.03

TABLE 22--RESULTS OF ANALYSES, THOMAS RANGE, UTAH

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

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
6CH5136	39 39 50	113 4 44	.20	1.00	20.00	.020	200	N	N	N	N	N
6DH5137	39 36 31	113 4 44	15.00	7.00	5.00	.007	700	N	N	N	<10	<20
6DH5138	39 36 56	113 4 34	10.00	1.00	7.00	.050	>5,000	N	N	N	20	2,000
6DH5139	39 36 4	113 4 12	>20.00	.20	.05	.030	500	N	N	N	20	50
6DH5140A	39 36 5	113 4 24	>20.00	5.00	7.00	.005	500	N	<200	N	N	<20
6DH5140B	39 36 5	113 4 24	5.00	.02	.10	<.002	2,000	N	N	N	10	100
6DH5141	39 34 28	113 3 3	5.00	1.50	2.00	.300	300	N	N	N	30	1,000
6DH5142	39 34 39	113 3 3	7.00	2.00	3.00	.500	700	N	N	N	20	700
6CH5143	39 37 57	113 4 55	1.00	5.00	5.00	.100	5,000	N	N	N	<10	100
6BG5144A	39 45 40	113 11 44	1.00	1.50	.20	.010	300	N	N	N	100	N
6BG5144B	39 45 40	113 11 44	.10	.20	20.00	.005	50	N	<200	N	N	<20
6BG5144D	39 45 40	113 11 44	<.05	10.00	10.00	.002	10	N	N	N	N	<20
6CG5145A	39 44 52	113 11 36	.07	.02	.10	.010	3,000	N	N	N	50	100
6CG5145B	39 44 52	113 11 36	.05	<.02	.05	.007	20	N	N	N	30	50
6CG5145C	39 44 52	113 11 36	.20	5.00	10.00	.010	300	N	N	N	20	200
6CG5146A	39 43 3	113 10 19	.10	3.00	>20.00	.010	100	N	N	N	N	N
6CG5146B	39 43 3	113 10 19	.05	10.00	20.00	<.002	100	N	N	N	N	N
6CG5147	39 41 57	113 10 25	<.05	2.00	20.00	N	50	N	N	N	N	N
6BH5157	39 46 59	113 6 46	1.50	.20	1.00	.200	500	N	N	N	50	700
6CG5158A	39 42 47	113 14 2	.15	5.00	>20.00	.005	1,000	N	N	N	N	<20
6CG5158B	39 42 47	113 14 2	1.50	1.50	5.00	.050	150	2.0	N	N	50	20
6CG5158C	39 42 47	113 14 2	<.05	1.00	>20.00	<.002	500	<.5	N	N	200	<20

TABLE 22--RESULTS OF ANALYSES, THOMAS RANGE, UTAH--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s
6CH5136	N	N	N	N	10	10	N	N	N	<5	30	N	N
6DH5137	1	N	N	30	<10	10	N	5	N	30	20	N	N
6DH5138	<1	N	N	500	20	15	N	20	N	100	N	N	N
6DH5139	1	N	N	70	10	15	N	5	N	50	N	N	N
6DH5140A	N	N	N	100	<10	10	N	5	N	50	N	N	N
6DH5140B	<1	N	N	5	N	<5	N	<5	N	20	N	N	N
6DH5141	1	N	N	10	15	5	<20	N	N	5	100	N	5
6DH5142	N	N	N	20	30	20	20	N	N	10	50	N	20
6CH5143	N	N	N	70	50	15	20	N	N	50	N	N	<5
6BG5144A	3	N	N	<5	<10	<5	N	N	50	<5	50	N	N
6BG5144B	5	N	N	N	<10	<5	N	N	N	<5	<10	N	<5
6BG5144D	N	N	N	N	<10	<5	N	N	N	<5	N	N	N
6CG5145A	1	N	N	<5	<10	5	N	N	N	100	N	N	N
6CG5145B	N	N	N	5	N	<5	N	N	N	50	N	N	N
6CG5145C	<1	N	N	<5	<10	<5	N	N	N	15	N	N	N
6CG5146A	2	N	N	N	<10	N	N	N	N	<5	N	N	N
6CG5146B	<1	N	N	N	<10	<5	N	N	N	N	N	N	N
6CG5147	1	N	N	N	N	<5	<20	N	N	N	N	N	N
6BH5157	1	N	N	5	<10	20	N	N	N	5	20	N	N
6CG5158A	30	N	N	N	<10	15	N	N	N	<5	300	N	10
6CG5158B	50	N	N	<5	<10	15	50	N	50	5	50	N	50
6CG5158C	>1,000	15	N	N	<10	5	100	N	N	<5	70	N	N

TABLE 22--RESULTS OF ANALYSES, THOMAS RANGE, UTAH--Continued

Sample	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	AS-PPM ICP	BI-PPM ICP	CD-PPM ICP	SB-PPM ICP	ZN-PPM ICP
6CH5136	N	300	10	N	10	N	N	N	N	<5	<2	.2	<2	8
6DH5137	N	N	50	N	N	200	N	N	N	23	<2	3.7	<2	13
6DH5138	N	500	200	N	10	<200	<10	N	N	88	<2	2.0	5	44
6DH5139	N	N	150	N	20	500	<10	N	N	240	<2	3.0	<2	17
6DH5140A	N	N	200	N	N	200	N	N	N	59	<2	3.0	<2	2
6DH5140B	N	N	70	N	N	<200	N	N	N	85	<2	1.0	<2	15
6DH5141	N	500	100	N	10	<200	50	N	N	20	<2	.9	38	38
6DH5142	N	1,000	200	N	30	<200	100	N	N	<5	<2	.9	<2	65
6CH5143	N	N	100	N	20	N	50	N	N	<5	<2	4.5	<2	110
6BG5144A	50	N	<10	N	20	N	100	N	N	6	<2	<.1	<2	29
6BG5144B	N	N	10	N	15	<200	30	N	N	7	<2	<.1	<2	2
6BG5144D	N	N	<10	N	N	<200	N	N	N	<5	<2	<.1	<2	<2
6CG5145A	N	N	10	N	N	<200	N	N	N	<5	<2	.2	2	21
6CG5145B	N	N	<10	N	N	<200	N	N	N	<5	<2	<.1	<2	6
6CG5145C	N	N	15	N	N	<200	<10	N	N	<5	<2	.2	<2	<2
6CG5146A	N	300	10	N	N	N	<10	N	N	10	<2	<.1	9	<2
6CG5146B	N	N	<10	N	N	<200	N	N	N	<5	<2	<.1	4	<2
6CG5147	N	N	<10	N	20	N	N	N	N	85	<2	.1	<2	<2
6BH5157	N	<100	20	N	10	N	70	N	<.10	<5	<2	.2	3	18
6CG5158A	20	200	10	N	30	N	<10	N	<.10	47	<2	.1	<2	65
6CG5158B	100	N	<10	N	200	1,000	100	N	<.10	56	2	.2	2	920
6CG5158C	70	N	10	N	200	N	<10	N	<.10	120	14	.8	150	17

TABLE 23--RESULTS OF ANALYSES, TINTIC MINING DISTRICT, UTAH

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

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s
7BO5199A	39 46 12	112 7 54	5.0	.50	1.00	.500	700	N	N	N
7BO5199B	39 46 12	112 7 54	2.0	.70	20.00	.020	5,000	N	N	N
7BO5200	39 46 30	112 8 2	7.0	.20	.50	.200	1,000	N	N	N
7BO5201A	39 46 21	112 8 59	2.0	1.00	.70	.150	500	N	N	N
7BO5201B	39 46 21	112 8 59	2.0	3.00	1.50	.300	500	N	N	N
7BP5202A	39 45 23	112 7 2	20.0	.50	.20	.030	1,000	N	2,000	N
7BP5202B	39 45 23	112 7 2	.2	N	.05	.002	50	N	N	N
7BP5202E	39 45 23	112 7 2	10.0	1.00	.50	.100	3,000	N	N	N
7BP5202D	39 45 23	112 7 2	1.5	.50	1.00	.200	200	N	N	N
7BP5202C	39 45 23	112 7 2	>20.0	.70	1.00	.020	200	N	N	N
7BP5251D	39 51 6	112 6 57	1.0	.07	.50	.005	1,000	N	N	N
7BP5251B	39 51 6	112 6 57	5.0	.20	.10	.200	1,500	30.0	N	N
7BP5251C	39 51 6	112 6 57	7.0	3.00	.50	1.000	2,000	5.0	N	N
7BP5252A	39 51 29	112 6 40	5.0	1.00	2.00	.500	100	.5	N	N
7BP5252B	39 51 29	112 6 40	10.0	.50	.20	.500	>5,000	10.0	1,000	N
7BP5253	39 52 22	112 6 56	10.0	.20	.20	.500	70	<.5	<200	N
7BP5254	39 52 26	112 7 13	10.0	.20	.20	.500	70	.5	N	N
7BP5255A	39 52 25	112 6 53	5.0	1.00	.05	.700	50	5.0	N	N
7BP5255B	39 52 25	112 6 53	10.0	1.00	.20	1.000	70	3.0	N	N
7AP5256B	39 53 5	112 5 44	10.0	1.00	.50	.300	3,000	10.0	N	N
7AP5256A	39 53 5	112 5 44	5.0	.02	.05	.300	150	10.0	N	N
7AP5257A	39 53 13	112 6 11	15.0	.05	.05	.100	10	50.0	3,000	N
7AP5257B	39 53 13	112 6 11	20.0	<.02	<.05	.020	<10	70.0	7,000	N
7AP5258A	39 53 44	112 6 25	5.0	.07	.05	.200	150	2.0	N	N
7AP5258C	39 53 44	112 6 25	20.0	.02	.05	.200	100	50.0	5,000	N
7AO5259	39 54 44	112 7 50	10.0	.10	<.05	.150	100	500.0	10,000	N
7AP5261	39 54 54	112 7 12	7.0	.20	.50	1.000	300	2.0	>10,000	N
7AP5262B	39 54 25	112 5 1	5.0	1.50	1.00	.500	1,000	N	N	N
7AP5262A	39 54 25	112 5 1	5.0	2.00	1.00	.700	1,000	N	N	N
7AP5263	39 54 43	112 6 16	10.0	.20	.15	.500	1,000	1.5	N	N
7AP5264	39 54 38	112 5 39	2.0	.10	.10	.700	100	150.0	200	N
7AP5265A	39 54 2	112 5 58	20.0	.02	.10	.200	<10	200.0	2,000	N
7AP5265B	39 54 2	112 5 58	10.0	2.00	5.00	.500	200	2.0	N	N
7AP5266	39 54 29	112 6 33	10.0	.02	.05	.100	100	100.0	N	N
7AP5267	39 54 29	112 6 37	7.0	.10	.50	.100	100	1,000.0	7,000	N
7AP5268B	39 54 33	112 6 42	20.0	.02	.05	.050	10	10.0	N	N
7AP5269	39 54 43	112 6 41	20.0	.10	.10	.010	300	N	N	N
7AP5270	39 54 16	112 6 56	10.0	.02	.20	.150	100	20.0	N	N
7AP5396A	39 58 16	112 3 39	1.5	.02	.05	.200	1,000	10.0	N	N
7AP5396B	39 58 16	112 3 39	10.0	.20	.10	.300	500	<.5	N	N
7AP5396C	39 58 16	112 3 39	10.0	1.00	2.00	.700	1,500	N	N	N
7AP5397A	39 58 41	112 3 43	7.0	10.00	>20.00	.070	>5,000	10.0	N	N
7AP5397B	39 58 41	112 3 43	.5	.30	.30	.070	300	N	N	N
7AP5398A	39 59 34	112 2 47	1.5	.20	.20	.500	300	N	N	N
7AP5398B	39 59 34	112 2 47	10.0	.05	.10	.200	200	N	N	N

TABLE 23--RESULTS OF ANALYSES, TINTIC MINING DISTRICT, UTAH--Continued

Sample	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s
7BO5199A	50	2,000	1.5	N	N	<5	N	30	100	10	<20	<5
7BO5199B	<10	500	<1.0	N	N	N	<10	<5	<20	10	N	5
7BO5200	30	1,000	2.0	N	N	5	N	5	50	15	N	<5
7BO5201A	50	2,000	2.0	N	N	<5	N	10	50	<5	<20	5
7BO5201B	10	1,500	1.0	N	N	10	10	5	50	<5	<20	5
7BP5202A	30	200	2.0	N	N	50	10	50	100	15	N	100
7BP5202B	10	100	<1.0	N	N	N	<10	5	N	N	N	<5
7BP5202E	20	200	1.0	N	N	30	20	20	N	15	N	15
7BP5202D	15	500	1.0	N	N	<5	10	<5	70	N	N	5
7BP5202C	50	150	<1.0	N	N	7	N	15	N	20	N	7
7BP5251D	10	70	<1.0	N	N	<5	<10	20	N	<5	N	10
7BP5251B	50	100	1.0	N	N	20	<10	20	N	5	N	5
7BP5251C	30	1,500	<1.0	1	N	100	50	100	30	N	<20	30
7BP5252A	10	1,500	1.5	N	N	10	<10	50	100	N	<20	5
7BP5252B	50	500	3.0	1	100	30	70	300	70	30	N	30
7BP5253	500	>5,000	1.0	30	N	5	N	70	100	N	<20	5
7BP5254	50	1,000	2.0	50	N	15	15	1,000	N	<5	N	5
7BP5255A	30	1,000	<1.0	<10	N	50	100	100	200	5	<20	20
7BP5255B	20	1,500	1.0	70	N	15	70	300	100	5	<20	15
7AP5256B	<10	1,000	2.0	N	N	70	50	200	50	<5	<20	70
7AP5256A	<10	200	N	N	N	15	50	50	<20	N	N	20
7AP5257A	20	100	N	10	N	30	<10	3,000	N	<5	N	50
7AP5257B	100	300	N	50	N	N	N	2,000	N	<5	N	5
7AP5258A	10	1,000	N	<10	N	N	<10	200	20	<5	N	10
7AP5258C	50	1,500	N	200	N	20	20	500	N	50	N	30
7AO5259	500	1,000	<1.0	N	N	N	N	500	N	<5	N	N
7AP5261	30	1,000	1.0	N	N	20	50	100	100	N	<20	10
7AP5262B	200	1,000	<1.0	N	N	20	70	50	50	5	N	20
7AP5262A	<10	1,000	2.0	N	N	50	50	15	50	N	<20	20
7AP5263	20	500	2.0	N	N	50	50	200	20	100	N	10
7AP5264	10	>5,000	N	70	N	5	<10	100	50	N	N	<5
7AP5265A	50	500	N	70	N	5	N	2,000	30	20	N	10
7AP5265B	1,000	5,000	2.0	N	N	20	100	1,000	50	10	<20	50
7AP5266	30	>5,000	N	100	N	10	N	1,000	N	<5	N	10
7AP5267	30	>5,000	<1.0	100	70	N	N	10,000	N	<5	N	10
7AP5268B	50	500	N	20	N	7	N	700	N	N	N	5
7AP5269	100	50	2.0	N	N	50	N	30	N	N	N	20
7AP5270	20	1,000	N	50	N	7	10	500	<20	10	N	<5
7AP5396A	15	200	<1.0	N	N	<5	10	30	N	10	N	5
7AP5396B	20	1,500	5.0	N	N	10	30	50	50	N	N	20
7AP5396C	100	3,000	5.0	N	N	15	30	100	100	N	<20	30
7AP5397A	10	50	2.0	N	N	20	20	50	N	N	N	50
7AP5397B	20	100	<1.0	N	N	<5	<10	5	N	N	N	5
7AP5398A	30	5,000	<1.0	N	N	N	30	15	70	7	<20	<5
7AP5398B	100	1,000	<1.0	N	N	10	<10	15	N	<5	<20	<5

TABLE 23--RESULTS OF ANALYSES, TINTIC MINING DISTRICT, UTAH--Continued

Sample	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
7BO5199A	200	N	15	<10	300	50	N	50	N	200	N
7BO5199B	N	N	<5	N	200	70	N	30	N	10	N
7BO5200	30	N	5	N	100	100	N	20	<200	200	N
7BO5201A	100	N	5	N	300	50	N	30	N	100	N
7BO5201B	50	N	10	N	500	70	N	20	<200	100	N
7BP5202A	10	N	5	N	N	200	N	100	500	<10	N
7BP5202B	<10	N	N	N	N	10	N	N	<200	N	N
7BP5202E	50	N	15	N	N	100	N	50	200	100	N
7BP5202D	50	N	<5	N	100	100	N	10	<200	100	N
7BP5202C	100	N	5	N	N	150	N	15	500	<10	N
7BP5251D	200	N	N	N	N	50	N	N	200	<10	N
7BP5251B	1,000	N	5	N	N	100	N	10	1,000	100	N
7BP5251C	5,000	N	50	N	200	500	N	50	2,000	200	N
7BP5252A	100	N	10	10	200	100	N	50	<200	300	N
7BP5252B	2,000	N	30	N	200	300	N	50	5,000	200	N
7BP5253	100	N	15	50	N	200	N	70	<200	500	N
7BP5254	200	N	20	10	5,000	500	N	30	200	200	N
7BP5255A	300	N	30	20	500	200	150	70	<200	500	N
7BP5255B	100	N	30	20	500	500	<50	100	<200	500	N
7AP5256B	500	N	20	N	300	150	N	50	2,000	200	N
7AP5256A	500	N	5	N	1,000	100	N	10	<200	200	N
7AP5257A	150	200	<5	50	1,000	100	N	<10	<200	100	N
7AP5257B	200	200	N	50	1,500	20	N	<10	200	<10	N
7AP5258A	500	N	N	N	5,000	100	N	N	<200	200	N
7AP5258C	1,000	100	20	20	3,000	500	N	10	1,000	200	N
7AO5259	>20,000	2,000	N	70	N	50	N	N	5,000	70	N
7AP5261	200	N	20	N	100	300	100	20	200	200	N
7AP5262B	50	N	20	N	300	500	N	30	<200	200	N
7AP5262A	100	N	20	N	500	200	N	20	<200	200	N
7AP5263	2,000	<100	10	N	N	200	N	70	1,000	200	N
7AP5264	1,000	<100	10	N	3,000	200	N	10	<200	200	N
7AP5265A	500	150	5	100	2,000	100	N	<10	200	200	N
7AP5265B	100	N	30	N	2,000	100	N	100	<200	500	N
7AP5266	5,000	300	N	100	1,500	70	N	N	200	30	N
7AP5267	>20,000	5,000	N	100	1,000	70	N	N	10,000	100	N
7AP5268B	500	100	N	N	1,500	20	N	N	200	10	N
7AP5269	30	N	N	N	N	200	N	<10	1,000	N	N
7AP5270	5,000	100	N	15	3,000	150	N	N	<200	100	N
7AP5396A	1,000	N	N	N	500	100	N	<10	<200	200	N
7AP5396B	50	N	15	N	200	200	N	20	1,000	200	N
7AP5396C	70	N	20	N	<100	200	N	100	500	1,000	N
7AP5397A	50	N	7	N	N	100	N	50	N	50	N
7AP5397B	N	N	<5	N	200	30	N	30	N	200	N
7AP5398A	50	N	20	N	5,000	300	N	<10	<200	500	N
7AP5398B	20	N	5	N	<100	70	N	<10	200	500	N

TABLE 23--RESULTS OF ANALYSES, TINTIC MINING DISTRICT, UTAH--Continued

Sample	Au-ppm aa	AS-PPM ICP	BI-PPM ICP	CD-PPM ICP	SB-PPM ICP	ZN-PPM ICP	Na-pct. s	P-pct. s	Ga-ppm s	Ge-ppm s	HG-PPM CV	F% ISE
7B05199A	N	N	N	N	N	15	--	--	--	--	--	--
7B05199B	N	100	N	.1	N	N	--	--	--	--	--	--
7B05200	N	40	N	N	N	40	--	--	--	--	--	--
7B05201A	N	N	N	N	N	N	--	--	--	--	--	--
7B05201B	N	N	N	N	N	50	--	--	--	--	--	--
7BP5202A	N	1,300	N	1.9	N	280	--	--	--	--	--	--
7BP5202B	N	N	N	N	N	15	--	--	--	--	--	--
7BP5202E	N	N	N	N	N	120	--	--	--	--	--	--
7BP5202D	N	20	N	N	N	15	--	--	--	--	--	--
7BP5202C	N	80	N	.4	2	130	--	--	--	--	--	--
7BP5251D	N	10	N	1.1	4	160	--	--	--	--	--	--
7BP5251B	.05	80	7	7.0	20	1,500	--	--	--	--	--	--
7BP5251C	N	20	1	3.2	6	1,500	--	--	--	--	--	--
7BP5252A	N	10	2	.6	N	85	--	--	--	--	--	--
7BP5252B	N	800	1	74.0	40	>2,000	--	--	--	--	--	--
7BP5253	N	200	12	N	2	N	--	--	--	--	--	--
7BP5254	N	160	11	N	2	30	--	--	--	--	--	--
7BP5255A	N	20	5	N	12	15	--	--	--	--	--	--
7BP5255B	N	10	28	N	N	20	--	--	--	--	--	--
7AP5256B	N	10	2	9.8	N	>2,000	--	--	--	--	--	--
7AP5256A	.15	10	4	.3	N	25	--	--	--	--	--	--
7AP5257A	.15	>2,000	22	.4	92	35	--	--	--	--	--	--
7AP5257B	.20	1,400	64	N	68	15	--	--	--	--	--	--
7AP5258A	.05	30	8	N	2	35	--	--	--	--	--	--
7AP5258C	1.15	>2,000	96	5.6	66	180	--	--	--	--	--	--
7A05259	.15	>2,000	4	28.0	>1,000	>2,000	--	--	--	--	--	--
7AP5261	N	>2,000	N	.5	16	120	--	--	--	--	--	--
7AP5262B	N	10	N	N	N	65	--	--	--	--	--	--
7AP5262A	N	N	1	N	<2	80	--	--	--	--	--	--
7AP5263	N	160	4	6.1	30	270	--	--	--	--	--	--
7AP5264	N	200	65	.4	30	90	--	--	--	--	--	--
7AP5265A	.15	1,300	48	.2	66	30	--	--	--	--	--	--
7AP5265B	N	60	3	.1	2	20	--	--	--	--	--	--
7AP5266	.20	60	160	.6	140	70	--	--	--	--	--	--
7AP5267	.05	>2,000	86	32.0	>1,000	>2,000	--	--	--	--	--	--
7AP5268B	.15	20	28	.1	44	10	--	--	--	--	--	--
7AP5269	N	190	N	.7	2	650	--	--	--	--	--	--
7AP5270	.75	60	50	.2	42	30	--	--	--	--	--	--
7AP5396A	.05	40	5	N	6	20	--	--	--	--	--	--
7AP5396B	N	10	N	6.9	2	450	--	--	--	--	--	--
7AP5396C	N	N	N	1.6	N	250	--	--	--	--	--	--
7AP5397A	N	N	N	1.0	N	80	--	--	--	--	--	--
7AP5397B	N	N	N	N	N	N	--	--	--	--	--	--
7AP5398A	N	N	N	N	N	N	--	--	--	--	--	--
7AP5398B	N	N	N	N	N	<5	--	--	--	--	--	--

TABLE 23--RESULTS OF ANALYSES, TINTIC MINING DISTRICT, UTAH--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
7AP5398C	39 59 34	112 2 47	20.0	.30	.10	.070	1,500	N	200	N
7AP5398D	39 59 34	112 2 47	15.0	.05	.05	.500	100	N	N	N
7AP5398E	39 59 34	112 2 47	20.0	1.00	3.00	.200	200	N	>10,000	N
7AP5399A	39 59 4	112 2 22	5.0	1.00	2.00	.500	700	N	N	N
7AP5399B	39 59 4	112 2 22	5.0	.30	2.00	.500	500	N	N	N
7AP5400A	39 57 22	112 3 40	20.0	<.02	<.05	.200	200	200.0	1,000	N
7AP5400B	39 57 22	112 3 40	20.0	.03	.10	.100	>5,000	50.0	2,000	N
7AP5400C	39 57 22	112 3 40	15.0	<.02	.10	.100	1,000	100.0	500	N
7AP5400D	39 57 22	112 3 40	20.0	<.02	.10	.050	200	500.0	>10,000	N
7AP5401A	39 57 6	112 3 53	15.0	1.50	2.00	.100	>5,000	70.0	500	N
7AP5401B	39 57 6	112 3 53	20.0	.05	.05	.150	1,500	150.0	2,000	N
7AP5402A	39 57 10	112 4 4	>20.0	1.50	.50	.200	2,000	2.0	10,000	N
7AP5402B	39 57 10	112 4 4	>20.0	<.02	<.05	.050	100	300.0	>10,000	N
7AP5403A	39 57 32	112 4 12	10.0	<.02	<.05	1.000	100	50.0	N	N
7AP5404A	39 57 1	112 2 42	10.0	1.00	.20	.050	>5,000	10.0	N	N
7AP5405	39 56 29	112 3 15	2.0	.20	.20	>1.000	2,000	10.0	N	N
7AP5406A	39 55 53	112 3 59	7.0	.02	.10	.050	1,500	200.0	5,000	N
7AP5406B	39 55 53	112 3 59	10.0	.02	.10	.050	700	200.0	>10,000	N
7AO5407A	39 55 49	112 8 10	10.0	.20	.30	.200	500	20.0	N	N
7AO5407B	39 55 49	112 8 10	7.0	.02	.05	.300	200	10.0	N	N
7AP5408A	39 55 45	112 6 50	1.0	.70	10.00	.020	3,000	7.0	N	N
7AP5408B	39 55 45	112 6 50	2.0	.03	.50	.010	700	50.0	>10,000	N
7AP5408C	39 55 45	112 6 50	.2	10.00	>20.00	.005	1,000	10.0	N	N
7AP5408D	39 55 45	112 6 50	20.0	.20	.50	.010	200	7.0	3,000	N
7AP5408E	39 55 45	112 6 50	3.0	.30	>20.00	.020	>5,000	20.0	1,000	N
7AP5408F	39 55 45	112 6 50	15.0	.30	1.00	.070	200	150.0	>10,000	N
7AO5409A	39 55 58	112 8 12	10.0	.02	2.00	1.000	100	10.0	5,000	N
7AO5409B	39 55 58	112 8 12	5.0	.50	.20	.500	500	10.0	N	N
7AP5410	39 56 52	112 5 49	15.0	.20	1.00	.020	1,000	50.0	>10,000	N
7AP5411A	39 55 57	112 5 41	15.0	1.00	2.00	.010	>5,000	5.0	5,000	N
7AP5411B	39 55 57	112 5 41	5.0	.02	.10	.002	1,000	200.0	3,000	N
7AP5411C	39 55 57	112 5 41	10.0	.10	.10	.100	>5,000	100.0	<200	N
7AP5412A	39 55 31	112 5 54	15.0	.10	2.00	.100	1,000	700.0	10,000	N
7AP5412B	39 55 31	112 5 54	7.0	.10	.30	.030	3,000	100.0	>10,000	N
7AP5412C	39 55 31	112 5 54	10.0	.05	.07	.100	150	300.0	2,000	N
7AP5412D	39 55 31	112 5 54	2.0	.02	.05	.020	500	5.0	1,000	N
7AP5413A	39 55 33	112 6 1	3.0	7.00	5.00	.050	2,000	2.0	<200	N
7AP5413B	39 55 33	112 6 1	1.0	1.00	2.00	.300	700	30.0	2,000	N
7AP5413C	39 55 33	112 6 1	20.0	.20	.20	.100	500	5.0	10,000	N
7AP5413D	39 55 33	112 6 1	20.0	.20	.50	.050	200	10.0	500	N
7AP5414	39 56 38	112 5 48	20.0	.10	.20	.100	500	3.0	700	N
7AP5415A	39 57 16	112 6 16	7.0	.30	.50	.100	500	10.0	700	N
7AP5415B	39 57 16	112 6 16	5.0	.10	.50	.050	>5,000	.5	N	N
7AP5416A	39 56 48	112 6 58	2.0	.05	.10	.020	500	15.0	500	N
7AP5416B	39 56 48	112 6 58	.7	.30	1.00	.010	2,000	10.0	N	N

TABLE 23--RESULTS OF ANALYSES, TINTIC MINING DISTRICT, UTAH--Continued

Sample	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s
7AP5398C	200	2,000	20.0	N	N	30	N	70	N	N	N	70
7AP5398D	50	700	<1.0	N	N	5	10	15	N	N	N	<5
7AP5398E	200	500	30.0	N	N	50	15	200	N	50	N	100
7AP5399A	70	5,000	2.0	N	N	5	<10	10	100	<5	<20	5
7AP5399B	50	5,000	2.0	N	N	<5	<10	7	150	5	<20	<5
7AP5400A	150	>5,000	N	N	N	5	<10	200	N	N	N	30
7AP5400B	200	200	N	N	N	N	10	500	N	15	N	7
7AP5400C	100	>5,000	N	N	N	5	20	200	20	N	N	20
7AP5400D	200	>5,000	N	50	100	30	N	>20,000	N	N	N	100
7AP5401A	70	5,000	3.0	N	N	50	10	200	N	15	N	50
7AP5401B	100	>5,000	<1.0	500	N	10	N	1,000	N	7	N	30
7AP5402A	500	>5,000	5.0	N	N	50	N	50	N	10	N	100
7AP5402B	200	500	N	>1,000	N	20	<10	5,000	N	10	N	70
7AP5403A	50	150	N	50	N	15	<10	700	N	10	N	20
7AP5404A	200	100	<1.0	N	200	N	<10	50	150	5	N	5
7AP5405	20	1,000	1.0	N	N	<5	20	20	N	5	50	20
7AP5406A	50	>5,000	1.0	500	100	5	<10	10,000	N	<5	N	10
7AP5406B	200	>5,000	1.0	50	300	<5	N	>20,000	N	N	N	10
7AO5407A	200	1,000	1.0	N	N	10	10	200	N	5	N	20
7AO5407B	150	>5,000	N	N	N	7	N	50	N	N	N	10
7AP5408A	10	1,500	2.0	N	N	N	<10	300	N	N	N	5
7AP5408B	20	5,000	<1.0	100	N	<5	<10	10,000	N	N	N	5
7AP5408C	N	70	N	N	N	N	<10	500	N	N	N	<5
7AP5408D	500	200	N	N	N	N	N	5,000	N	N	N	N
7AP5408E	10	500	2.0	N	N	N	<10	1,000	N	N	N	5
7AP5408F	200	2,000	N	>1,000	N	N	<10	7,000	N	10	N	10
7AO5409A	100	3,000	<1.0	50	N	<5	20	700	100	20	30	20
7AO5409B	50	700	<1.0	15	N	10	<10	200	50	20	<20	5
7AP5410	200	500	1.0	N	N	N	10	100	N	5	N	30
7AP5411A	200	300	10.0	N	N	N	10	2,000	N	N	N	10
7AP5411B	50	>5,000	3.0	20	N	<5	<10	150	N	N	N	5
7AP5411C	100	1,000	50.0	100	N	100	20	100	N	N	N	100
7AP5412A	300	5,000	2.0	200	N	20	10	10,000	N	N	N	10
7AP5412B	100	>5,000	10.0	200	N	50	<10	1,000	N	N	N	10
7AP5412C	150	>5,000	<1.0	150	N	N	15	100	N	N	N	<5
7AP5412D	20	700	<1.0	20	N	20	<10	500	N	N	N	20
7AP5413A	<10	100	1.0	N	N	5	<10	>20,000	N	<5	N	10
7AP5413B	10	>5,000	N	50	N	N	10	5,000	N	<5	N	<5
7AP5413C	200	3,000	N	N	N	<5	<10	>20,000	N	N	N	10
7AP5413D	500	700	<1.0	N	N	30	N	500	N	10	N	100
7AP5414	200	200	10.0	N	N	30	10	>20,000	N	N	N	50
7AP5415A	100	100	5.0	N	N	10	20	500	N	50	N	50
7AP5415B	50	500	2.0	N	N	<5	30	100	N	7	N	30
7AP5416A	70	300	7.0	N	N	N	<10	50	N	30	N	20
7AP5416B	10	500	5.0	N	N	N	N	20	N	N	N	5

TABLE 23--RESULTS OF ANALYSES, TINTIC MINING DISTRICT, UTAH--Continued

Sample	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
7AP5398C	<10	N	N	N	N	150	N	30	1,500	20	N
7AP5398D	10	N	7	N	200	100	N	N	<200	500	N
7AP5398E	50	N	10	N	N	1,500	N	50	500	200	N
7AP5399A	50	N	7	N	700	100	N	50	N	500	N
7AP5399B	70	N	7	N	1,000	100	N	50	N	700	N
7AP5400A	10,000	N	5	N	1,000	100	N	20	5,000	100	N
7AP5400B	7,000	N	N	N	<100	100	N	<10	7,000	30	N
7AP5400C	5,000	N	<5	N	2,000	150	N	15	300	50	N
7AP5400D	5,000	>10,000	N	N	>5,000	50	N	<10	10,000	N	N
7AP5401A	100	N	<5	N	200	70	N	50	700	100	N
7AP5401B	2,000	7,000	N	200	500	70	N	20	300	70	N
7AP5402A	500	N	20	N	N	200	N	100	500	200	N
7AP5402B	1,000	5,000	N	500	1,500	20	N	N	300	10	N
7AP5403A	2,000	200	5	N	100	50	N	10	1,000	300	N
7AP5404A	>20,000	N	<5	N	500	150	N	N	>10,000	N	N
7AP5405	1,000	N	10	N	1,000	70	N	70	1,000	>1,000	N
7AP5406A	10,000	7,000	N	30	5,000	10	N	N	10,000	70	N
7AP5406B	>20,000	10,000	<5	N	1,500	30	N	50	>10,000	20	N
7AO5407A	1,000	200	<5	20	5,000	200	N	30	300	500	N
7AO5407B	500	N	5	10	5,000	50	N	10	<200	200	N
7AP5408A	200	200	N	N	<100	10	N	<10	<200	N	N
7AP5408B	100	1,500	N	20	<100	15	N	N	N	N	N
7AP5408C	70	N	N	N	N	<10	N	N	N	N	N
7AP5408D	200	N	N	N	N	200	N	10	500	50	N
7AP5408E	200	200	N	N	N	20	N	30	N	10	N
7AP5408F	10,000	3,000	5	>1,000	200	1,000	N	30	1,000	100	N
7AO5409A	10,000	2,000	20	50	>5,000	200	N	100	N	>1,000	N
7AO5409B	2,000	200	10	N	>5,000	100	N	50	N	500	N
7AP5410	>20,000	5,000	N	N	N	200	N	30	5,000	<10	N
7AP5411A	7,000	N	N	N	N	100	N	15	5,000	N	N
7AP5411B	>20,000	2,000	N	N	>5,000	50	N	N	1,000	N	N
7AP5411C	10,000	500	7	N	N	50	N	200	5,000	100	N
7AP5412A	20,000	2,000	10	50	2,000	100	N	20	10,000	50	N
7AP5412B	20,000	1,000	N	30	3,000	50	N	10	700	<10	N
7AP5412C	2,000	500	10	20	5,000	50	N	N	<200	100	N
7AP5412D	50	1,000	N	N	N	10	N	N	200	<10	N
7AP5413A	100	N	5	N	N	20	N	<10	2,000	50	N
7AP5413B	5,000	200	10	500	>5,000	100	N	10	1,000	100	N
7AP5413C	2,000	N	<5	N	500	200	N	10	3,000	70	N
7AP5413D	300	N	<5	N	N	200	N	20	3,000	N	N
7AP5414	200	N	10	N	N	70	N	50	1,000	20	N
7AP5415A	200	300	<5	N	N	50	N	20	200	70	N
7AP5415B	50	N	N	N	N	70	N	30	<200	70	N
7AP5416A	2,000	300	N	N	N	20	N	<10	1,500	<10	N
7AP5416B	500	100	N	N	N	15	N	N	500	<10	N

TABLE 23--RESULTS OF ANALYSES, TINTIC MINING DISTRICT, UTAH--Continued

Sample	Au-ppm aa	AS-PPM ICP	BI-PPM ICP	CD-PPM ICP	SB-PPM ICP	ZN-PPM ICP	Na-pct. s	P-pct. s	Ga-ppm s	Ge-ppm s	HG-PPM CV	F% ISE
7AP5398C	N	200	N	1.4	N	350	--	--	--	--	--	--
7AP5398D	N	10	N	N	N	N	--	--	--	--	--	--
7AP5398E	N	>2,000	N	3.3	6	400	--	--	--	--	--	--
7AP5399A	N	N	N	N	N	5	--	--	--	--	--	--
7AP5399B	N	N	N	N	N	<5	--	--	--	--	--	--
7AP5400A	.65	180	7	29.0	70	2,000	--	--	--	--	--	--
7AP5400B	N	1,600	N	30.0	50	>2,000	--	--	--	--	--	--
7AP5400C	.70	160	3	1.4	14	100	--	--	--	--	--	--
7AP5400D	.95	>2,000	40	>100.0	>1,000	>2,000	--	--	--	--	--	--
7AP5401A	N	400	N	1.3	58	700	--	--	--	--	--	--
7AP5401B	3.95	1,500	450	3.6	>1,000	300	--	--	--	--	--	--
7AP5402A	N	>2,000	N	1.5	500	85	--	--	--	--	--	--
7AP5402B	8.45	>2,000	>1,000	2.0	>1,000	65	--	--	--	--	--	--
7AP5403A	1.25	170	50	33.0	100	>2,000	--	--	--	--	--	--
7AP5404A	N	30	4	>100.0	10	>2,000	--	--	--	--	--	--
7AP5405	N	40	N	14.0	16	>2,000	--	--	--	--	--	--
7AP5406A	1.55	>2,000	490	65.0	>1,000	>2,000	--	--	--	--	--	--
7AP5406B	5.25	>2,000	19	>100.0	>1,000	>2,000	--	--	--	--	--	--
7AO5407A	.05	180	1	.9	26	85	--	--	--	--	--	--
7AO5407B	N	90	1	.2	14	20	--	--	--	--	--	--
7AP5408A	.10	60	2	.2	100	40	--	--	--	--	--	--
7AP5408B	1.00	>2,000	62	1.0	>1,000	170	--	--	--	--	--	--
7AP5408C	N	200	N	.2	4	50	--	--	--	--	--	--
7AP5408D	N	1,700	N	2.7	140	300	--	--	--	--	--	--
7AP5408E	.05	1,000	5	1.1	120	190	--	--	--	--	--	--
7AP5408F	3.40	>2,000	>1,000	13.0	>1,000	1,500	--	--	--	--	--	--
7AO5409A	.50	1,500	19	6.7	>1,000	200	--	--	--	--	--	--
7AO5409B	.10	120	5	.6	78	35	--	--	--	--	--	--
7AP5410	.50	>2,000	N	8.7	>1,000	1,900	--	--	--	--	--	--
7AP5411A	N	>2,000	N	45.0	22	>2,000	--	--	--	--	--	--
7AP5411B	1.65	1,900	20	8.1	940	550	--	--	--	--	--	--
7AP5411C	.30	200	72	25.0	65	>2,000	--	--	--	--	--	--
7AP5412A	1.15	>2,000	330	25.0	>1,000	>2,000	--	--	--	--	--	--
7AP5412B	.15	>2,000	250	9.4	600	850	--	--	--	--	--	--
7AP5412C	.10	>2,000	220	.7	360	170	--	--	--	--	--	--
7AP5412D	N	400	31	<.1	820	110	--	--	--	--	--	--
7AP5413A	<.05	90	N	16.0	16	1,200	--	--	--	--	--	--
7AP5413B	2.25	800	38	6.5	100	750	--	--	--	--	--	--
7AP5413C	.05	>2,000	N	38.0	62	550	--	--	--	--	--	--
7AP5413D	.10	600	N	1.2	16	1,900	--	--	--	--	--	--
7AP5414	3.10	200	N	2.7	40	40	--	--	--	--	--	--
7AP5415A	2.80	300	N	.6	130	200	--	--	--	--	--	--
7AP5415B	N	N	N	2.4	2	200	--	--	--	--	--	--
7AP5416A	2.30	160	N	14.0	110	1,100	--	--	--	--	--	--
7AP5416B	.10	20	N	3.0	26	800	--	--	--	--	--	--

TABLE 23--RESULTS OF ANALYSES, TINTIC MINING DISTRICT, UTAH--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
7AP5416C	39 56 48	112 6 58	10.0	.10	.10	.050	1,000	100.0	2,000	N
7AP5417A	39 57 2	112 7 4	.7	.05	.05	.007	2,000	70.0	N	N
7AP5417B	39 57 2	112 7 4	10.0	1.50	5.00	.050	1,500	100.0	3,000	N
7AP5418A	39 57 12	112 7 26	1.0	3.00	7.00	.020	2,000	1.5	N	N
7AP5418B	39 57 12	112 7 26	.2	.20	.10	.050	500	10.0	N	N
7AP5418C	39 57 12	112 7 26	5.0	5.00	10.00	.010	2,000	20.0	500	N
7AP5434	39 58 22	112 3 54	5.0	1.00	5.00	.500	2,000	.5	N	N
7AP5435A	39 59 36	112 2 49	7.0	.02	.20	.500	200	N	N	N
7AP5435B	39 59 36	112 2 49	3.0	.10	.10	.020	300	N	N	N
7AP5435C	39 59 36	112 2 49	10.0	.15	.30	.500	50	N	N	N
7AP5435D	39 59 36	112 2 49	3.0	.10	.50	1.000	500	<.5	N	N
7AP5435E	39 59 36	112 2 49	1.0	.02	.20	1.000	200	N	N	N
7AP5435F	39 59 36	112 2 49	10.0	.20	.20	.200	500	N	N	N
7AP5436	39 57 18	112 5 15	20.0	.50	3.00	.200	300	N	500	N
7AP5437	39 57 22	112 5 11	10.0	.30	.50	.200	500	N	200	N
7AP5438	39 57 27	112 5 32	5.0	1.50	1.00	.500	100	N	N	N
7AP5439A	39 53 45	112 6 16	.2	.10	1.00	>1.000	100	2.0	N	N
7AP5439B	39 53 45	112 6 16	2.0	.20	2.00	1.000	200	10.0	500	N
7AP5439C	39 53 45	112 6 16	20.0	.05	.50	1.000	200	300.0	10,000	N
7AP5439D	39 53 45	112 6 16	20.0	.05	.15	.500	20	300.0	10,000	N
7AP5440	39 53 21	112 5 37	10.0	.05	.10	.700	100	10.0	N	N
7AP5441A	39 53 24	112 5 37	20.0	.02	.10	.300	70	500.0	N	N
7AP5441B	39 53 24	112 5 37	10.0	2.00	2.00	1.000	>5,000	N	N	N
8BP5736A	39 48 30	112 6 30	1.0	.10	.20	.200	200	.5	N	N

TABLE 23--RESULTS OF ANALYSES, TINTIC MINING DISTRICT, UTAH--Continued

Sample	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s
7AP5416C	100	200	10.0	N	N	N	<10	150	N	10	N	10
7AP5417A	20	50	5.0	N	N	N	N	100	N	N	N	10
7AP5417B	100	100	2.0	N	70	N	<10	200	100	10	N	20
7AP5418A	20	70	5.0	N	100	5	<10	20	N	N	N	7
7AP5418B	20	1,000	3.0	N	<20	<5	<10	30	N	N	N	<5
7AP5418C	50	200	2.0	N	50	50	<10	30	N	N	N	50
7AP5434	30	5,000	5.0	N	N	15	30	100	200	10	20	7
7AP5435A	50	1,000	<1.0	N	N	15	<10	20	50	5	30	5
7AP5435B	20	200	5.0	N	N	<5	<10	15	<20	N	N	7
7AP5435C	70	1,000	<1.0	N	N	<5	20	15	N	N	N	5
7AP5435D	20	2,000	<1.0	N	N	<5	<10	15	N	5	N	5
7AP5435E	<10	1,500	<1.0	N	N	<5	<10	15	N	5	N	<5
7AP5435F	100	500	1.0	N	N	5	10	15	20	<5	50	<5
7AP5436	200	500	2.0	N	N	<5	20	20	N	7	N	5
7AP5437	100	1,000	5.0	N	N	10	30	20	N	10	N	30
7AP5438	20	5,000	<1.0	N	N	<5	<10	15	100	N	<20	<5
7AP5439A	<10	3,000	<1.0	N	N	<5	50	10	100	N	30	<5
7AP5439B	20	1,500	N	20	N	5	50	100	50	N	20	5
7AP5439C	100	5,000	<1.0	70	N	10	50	500	150	N	<20	5
7AP5439D	150	>5,000	N	500	N	N	<10	700	N	N	N	<5
7AP5440	100	1,500	<1.0	20	N	10	30	300	100	5	30	5
7AP5441A	200	>5,000	<1.0	70	N	20	20	500	30	5	N	20
7AP5441B	50	5,000	5.0	N	N	50	200	100	50	N	20	50
8BP5736A	15	700	1.0	N	N	<10	<10	10	<50	10	N	5

TABLE 23--RESULTS OF ANALYSES, TINTIC MINING DISTRICT, UTAH--Continued

Sample	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
7AP5416C	10,000	1,000	N	N	<100	150	N	<10	5,000	100	N
7AP5417A	20,000	200	N	N	N	10	N	N	2,000	N	N
7AP5417B	20,000	200	5	N	1,000	100	N	20	10,000	20	N
7AP5418A	10,000	N	N	N	N	10	N	N	>10,000	<10	N
7AP5418B	10,000	N	N	N	N	50	N	N	>10,000	N	N
7AP5418C	10,000	N	5	N	N	100	N	N	5,000	N	N
7AP5434	300	N	20	N	700	150	N	70	500	500	N
7AP5435A	150	N	15	N	1,000	150	N	<10	<200	500	N
7AP5435B	30	N	<5	N	N	100	N	20	<200	20	N
7AP5435C	50	N	20	N	1,500	200	N	N	200	200	N
7AP5435D	30	N	5	N	700	100	N	10	<200	200	N
7AP5435E	<10	N	<5	N	N	20	N	<10	<200	500	N
7AP5435F	100	N	7	N	500	100	N	15	<200	200	N
7AP5436	50	200	7	N	200	200	N	10	200	150	N
7AP5437	20	200	15	N	<100	50	N	20	200	150	N
7AP5438	70	N	10	N	500	70	N	50	<200	500	N
7AP5439A	300	N	20	N	2,000	500	N	20	<200	500	N
7AP5439B	2,000	N	7	10	5,000	300	<50	10	<200	300	N
7AP5439C	5,000	500	20	200	>5,000	500	N	30	300	300	N
7AP5439D	5,000	1,000	7	500	5,000	300	N	<10	<200	200	N
7AP5440	2,000	N	15	N	3,000	300	N	20	200	500	N
7AP5441A	5,000	700	10	N	>5,000	200	N	20	1,000	300	N
7AP5441B	70	N	30	N	1,000	300	N	50	500	700	N
8BP5736A	50	N	5	N	100	50	N	20	N	200	N

TABLE 23--RESULTS OF ANALYSES, TINTIC MINING DISTRICT, UTAH--Continued

Sample	Au-ppm aa	AS-PPM ICP	BI-PPM ICP	CD-PPM ICP	SB-PPM ICP	ZN-PPM ICP	Na-pct. s	P-pct. s	Ga-ppm s	Ge-ppm s	HG-PPM CV	F% ISE
7AP5416C	3.85	1,000	3	33.0	440	>2,000	--	--	--	--	--	--
7AP5417A	.10	20	N	23.0	20	>2,000	--	--	--	--	--	--
7AP5417B	.35	1,200	N	>100.0	68	>2,000	--	--	--	--	--	--
7AP5418A	N	80	N	>100.0	4	>2,000	--	--	--	--	--	--
7AP5418B	N	N	N	30.0	4	>2,000	--	--	--	--	--	--
7AP5418C	N	300	N	>100.0	22	>2,000	--	--	--	--	--	--
7AP5434	N	N	1	1.7	N	200	--	--	--	--	--	--
7AP5435A	N	10	N	.2	N	30	--	--	--	--	--	--
7AP5435B	N	N	<1	.3	N	40	--	--	--	--	--	--
7AP5435C	N	N	N	N	N	5	--	--	--	--	--	--
7AP5435D	N	20	N	N	N	15	--	--	--	--	--	--
7AP5435E	N	N	1	.1	N	<5	--	--	--	--	--	--
7AP5435F	N	20	1	N	N	10	--	--	--	--	--	--
7AP5436	N	800	<1	.3	140	25	--	--	--	--	--	--
7AP5437	N	500	<1	.2	160	160	--	--	--	--	--	--
7AP5438	N	N	<1	N	N	10	--	--	--	--	--	--
7AP5439A	N	10	1	N	N	N	--	--	--	--	--	--
7AP5439B	N	600	12	.1	22	<5	--	--	--	--	--	--
7AP5439C	.25	>2,000	78	.9	400	65	--	--	--	--	--	--
7AP5439D	.55	>2,000	>1,000	.2	940	15	--	--	--	--	--	--
7AP5440	N	90	12	.8	16	210	--	--	--	--	--	--
7AP5441A	.10	500	58	4.9	180	880	--	--	--	--	--	--
7AP5441B	N	20	N	.1	N	540	--	--	--	--	--	--
8BP5736A	5.40	19	<2	<.1	<2	19	1.5	<.2	10	N	N	.02

TABLE 24--RESULTS OF ANALYSES, WEST TINTIC MINING DISTRICT, UTAH

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

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s
6BM0070	39 50 29	112 23 32	10.0	1.50	1.00	.100	200	300.0	>10,000	N
6BM0071	39 49 55	112 22 43	3.0	.10	.50	.020	500	<.5	N	N
6BM0072	39 50 4	112 22 41	1.0	.10	.20	.100	300	N	N	N
6BM0073	39 50 10	112 22 46	.2	.10	<.05	.050	10	N	N	N
6BM0074	39 50 13	112 22 50	.2	.10	<.05	.070	20	N	N	N
6BM0075	39 50 16	112 22 54	1.5	.20	1.00	.070	500	N	N	N
6BM0076	39 50 19	112 22 55	.7	.05	.50	.070	2,000	N	N	N
6BM0077	39 50 24	112 22 55	.1	2.00	>20.00	.020	20	N	N	N
6BM0078	39 50 28	112 22 54	.2	.02	.20	.050	<10	N	N	N
6BM0079	39 50 26	112 23 5	5.0	1.50	10.00	.050	3,000	50.0	N	N
6BM0080	39 50 29	112 23 19	7.0	1.50	2.00	.200	1,000	.5	N	N
6BM0081	39 50 31	112 23 23	10.0	1.00	7.00	.150	700	N	N	N
6BM0082	39 50 27	112 23 19	2.0	.20	2.00	.020	150	5.0	N	N
6BM0083	39 50 26	112 23 19	5.0	5.00	10.00	.030	5,000	5.0	N	N
6BM0084	39 50 25	112 23 22	7.0	1.50	10.00	.030	2,000	20.0	N	N
6BM0085	39 50 5	112 23 7	.5	.10	.70	.050	200	10.0	N	N
6BM0086	39 49 52	112 23 16	1.0	2.00	10.00	.070	3,000	20.0	N	N
6BM0087	39 49 53	112 23 12	.5	.10	.70	.030	500	10.0	N	N
6BM1090	39 51 8	112 23 6	15.0	.20	.20	.200	50	.5	N	N
6BM1091	39 51 7	112 23 1	2.0	.50	3.00	.200	1,500	N	N	N
6BM1092	39 51 3	112 23 8	>20.0	1.00	.10	.150	300	N	N	N
6BM1093	39 50 59	112 23 5	>20.0	.50	.30	.150	1,000	N	N	N
6BM1094	39 50 44	112 22 52	>20.0	.30	.20	.100	1,000	N	N	N
6BM1095	39 50 32	112 23 9	5.0	1.50	5.00	.500	1,000	N	N	N
6BM1096	39 50 35	112 23 14	2.0	.30	.50	.150	100	N	N	N
6BM1097	39 50 14	112 23 9	1.5	10.00	>20.00	.100	3,000	1.0	N	N
6BM1098	39 50 10	112 23 9	7.0	1.00	.20	.300	500	N	N	N
6BM1099	39 50 4	112 23 11	>20.0	1.50	5.00	.020	1,000	200.0	1,000	N
6BM1100	39 49 51	112 23 13	3.0	5.00	20.00	.050	2,000	10.0	N	N
6BM1101	39 49 41	112 23 2	10.0	2.00	>20.00	.050	5,000	7.0	N	N
6BM1102	39 49 41	112 23 2	3.0	.50	.50	.700	150	N	N	N
6BM5058	39 50 58	112 23 20	5.0	.07	.50	.150	300	N	<200	N
6BM5059	39 50 56	112 23 24	20.0	1.00	.50	.200	700	N	700	N
6BM5060	39 50 57	112 23 31	20.0	1.00	.20	.150	1,000	N	N	N
6BM5061	39 50 57	112 23 35	7.0	.10	<.05	.050	>5,000	N	<200	N
6BM5062	39 50 46	112 23 47	2.0	.30	<.05	.150	500	N	N	N
6BM5063	39 50 39	112 23 50	1.5	.30	.20	.150	1,000	N	N	N
6BM5064A	39 50 36	112 24 2	>20.0	1.50	.10	.020	300	10.0	200	N
6BM5064B	39 50 36	112 24 2	20.0	5.00	.30	.200	150	<.5	10,000	N
6BM5065	39 50 17	112 24 12	>20.0	.10	.20	.020	500	500.0	N	N
6BM5066	39 50 15	112 24 20	>20.0	.20	.70	.100	2,000	30.0	<200	10
6BM5067	39 50 11	112 24 21	>20.0	.15	1.00	.020	1,500	5.0	N	N
6BM5068	39 50 9	112 24 21	>20.0	.02	.05	.100	200	20.0	N	N
6BM5069	39 50 5	112 24 23	7.0	1.00	10.00	.150	>5,000	5.0	N	N
6BM5070	39 50 3	112 24 23	5.0	1.50	10.00	.050	>5,000	50.0	N	N

TABLE 24--RESULTS OF ANALYSES, WEST TINTIC MINING DISTRICT, UTAH--Continued

Sample	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s
6BM0070	<10	300	N	N	200	5	30	2,000	N	N	N	10
6BM0071	15	70	<1.0	N	N	<5	<10	15	N	N	N	7
6BM0072	20	100	N	N	N	N	<10	5	N	15	N	5
6BM0073	30	70	N	N	N	N	<10	<5	N	N	N	5
6BM0074	20	50	N	N	N	N	<10	<5	N	N	N	5
6BM0075	30	100	N	N	N	<5	<10	<5	N	N	N	10
6BM0076	20	100	N	N	N	<5	<10	<5	N	N	N	7
6BM0077	N	200	N	N	N	N	<10	15	N	N	N	<5
6BM0078	20	50	N	N	N	N	<10	<5	N	N	N	5
6BM0079	<10	>5,000	N	N	N	N	<10	500	N	20	N	10
6BM0080	<10	2,000	N	N	N	10	20	15	20	N	N	10
6BM0081	150	300	1.0	N	N	20	70	70	<20	N	N	30
6BM0082	10	150	<1.0	N	N	N	20	50	N	50	N	5
6BM0083	<10	100	N	N	N	<5	<10	30	N	30	N	10
6BM0084	<10	>5,000	N	N	70	<5	10	200	<20	<5	N	10
6BM0085	20	300	1.0	N	500	N	10	700	N	10	N	10
6BM0086	20	150	<1.0	N	300	5	20	300	N	10	N	15
6BM0087	20	150	<1.0	N	100	N	10	500	N	20	N	5
6BM1090	20	2,000	<1.0	N	N	7	20	50	<20	N	N	10
6BM1091	20	1,500	7.0	N	N	N	<10	10	50	N	20	<5
6BM1092	<10	1,000	<1.0	N	N	7	<10	200	N	N	N	20
6BM1093	10	700	<1.0	N	N	10	<10	150	N	N	N	30
6BM1094	<10	100	<1.0	N	N	10	<10	15	N	N	N	30
6BM1095	30	2,000	2.0	N	N	10	20	20	50	N	<20	7
6BM1096	20	1,000	<1.0	N	N	N	<10	5	N	N	N	<5
6BM1097	N	1,000	<1.0	N	N	<5	10	15	N	10	N	20
6BM1098	50	500	2.0	N	N	10	20	20	50	15	N	30
6BM1099	10	20	1.0	N	300	N	<10	>20,000	N	20	N	10
6BM1100	50	500	1.0	N	<20	N	<10	20,000	N	20	N	10
6BM1101	<10	700	N	N	N	N	<10	300	N	15	N	5
6BM1102	150	1,000	1.5	N	N	N	50	100	20	<5	<20	5
6BM5058	20	300	N	<10	N	<5	<10	5	N	N	N	10
6BM5059	10	200	10.0	N	N	15	20	50	50	20	50	30
6BM5060	10	1,000	2.0	N	N	10	20	30	<20	N	<20	30
6BM5061	50	700	<1.0	N	N	15	<10	<5	N	N	N	30
6BM5062	30	1,000	1.0	N	N	<5	<10	15	20	N	N	5
6BM5063	30	700	2.0	N	N	<5	<10	<5	70	N	<20	5
6BM5064A	10	20	N	100	N	70	10	5,000	N	10	N	100
6BM5064B	20	50	N	100	N	30	100	150	<20	N	N	30
6BM5065	<10	300	5.0	1,000	20	10	20	10,000	N	100	N	20
6BM5066	<10	500	20.0	1,000	N	N	20	10,000	20	20	N	5
6BM5067	<10	20	5.0	1,000	N	N	<10	3,000	N	50	N	<5
6BM5068	<10	<20	3.0	1,000	N	50	<10	>20,000	N	50	N	<5
6BM5069	<10	50	2.0	50	100	N	<10	500	20	10	N	5
6BM5070	N	200	10.0	500	200	N	<10	2,000	<20	50	N	5

TABLE 24--RESULTS OF ANALYSES, WEST TINTIC MINING DISTRICT, UTAH--Continued

Sample	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa
6BM0070	>20,000	2,000	5	70	<100	20	N	10	>10,000	150	N	4.70
6BM0071	50	N	<5	N	N	10	N	<10	<200	50	N	N
6BM0072	70	N	N	N	N	20	N	<10	300	150	N	N
6BM0073	<10	N	N	N	N	10	N	N	<200	200	N	N
6BM0074	20	N	N	N	N	10	N	N	<200	100	N	N
6BM0075	N	N	<5	N	N	50	N	N	<200	100	N	N
6BM0076	<10	N	N	N	N	10	N	<10	200	150	N	N
6BM0077	10	N	N	N	1,000	10	N	N	<200	70	N	N
6BM0078	N	N	N	N	N	<10	N	N	<200	150	N	N
6BM0079	>20,000	N	N	N	1,500	15	N	N	>10,000	10	N	.10
6BM0080	200	N	5	N	500	100	N	15	200	150	N	N
6BM0081	70	N	15	N	200	150	N	20	200	150	N	N
6BM0082	100	N	N	N	N	<10	N	N	300	10	N	N
6BM0083	200	N	N	N	N	15	N	N	500	<10	N	N
6BM0084	2,000	N	N	N	1,000	100	N	N	>10,000	<10	N	.05
6BM0085	10,000	N	N	N	N	15	N	N	>10,000	10	N	.10
6BM0086	>20,000	N	N	N	100	100	N	N	>10,000	<10	N	.15
6BM0087	20,000	N	N	N	<100	200	N	N	>10,000	<10	N	.75
6BM1090	300	N	15	N	<100	100	N	10	<200	500	N	N
6BM1091	200	N	7	N	300	20	N	50	<200	200	N	N
6BM1092	200	N	15	N	N	70	N	20	<200	100	N	N
6BM1093	200	N	15	N	N	100	N	20	<200	100	N	N
6BM1094	100	N	10	N	N	150	N	30	300	200	N	N
6BM1095	20	N	10	N	700	200	N	30	<200	300	N	N
6BM1096	20	N	7	N	N	70	N	20	N	200	N	N
6BM1097	70	N	5	N	500	50	N	20	N	100	N	N
6BM1098	<10	N	10	N	N	150	N	150	<200	1,000	N	N
6BM1099	>20,000	3,000	5	N	N	50	N	10	>10,000	N	N	.55
6BM1100	>20,000	200	7	N	100	200	N	<10	10,000	15	N	.85
6BM1101	10,000	N	<5	N	1,000	700	N	15	500	50	N	N
6BM1102	200	N	20	N	300	200	N	50	<200	1,000	N	N
6BM5058	100	N	N	N	<100	20	N	<10	<200	150	N	<.10
6BM5059	100	N	20	N	N	100	<50	50	300	500	N	<.10
6BM5060	20	N	10	N	N	100	N	70	500	150	N	N
6BM5061	N	N	N	N	<100	<10	N	N	<200	50	N	N
6BM5062	50	N	<5	N	N	30	N	20	N	100	N	N
6BM5063	50	N	<5	N	100	20	N	10	N	100	N	N
6BM5064A	7,000	5,000	<5	500	N	20	N	10	2,000	<10	N	.30
6BM5064B	50	N	10	N	<100	70	N	20	<200	200	N	.70
6BM5065	20,000	N	5	<10	N	100	5,000	N	>10,000	20	N	N
6BM5066	2,000	N	5	700	<100	500	>10,000	<10	>10,000	15	N	N
6BM5067	500	N	N	700	N	300	10,000	N	10,000	<10	N	N
6BM5068	500	N	N	700	N	300	2,000	<10	5,000	<10	N	.10
6BM5069	1,000	N	5	>1,000	N	200	200	15	1,000	50	N	N
6BM5070	2,000	N	<5	700	N	30	3,000	30	7,000	20	N	N

TABLE 24--RESULTS OF ANALYSES, WEST TINTIC MINING DISTRICT, UTAH--Continued

Sample	AS-PPM ICP	BI-PPM ICP	CD-PPM ICP	SB-PPM ICP	ZN-PPM ICP	Na-pct. s	P-pct. s	Ga-ppm s	Ge-ppm s	HG-PPM CV	F% ISE
6BM0070	31,000.000	<2	180.0	2,100	6,500.000	--	--	--	--	--	--
6BM0071	35.000	<2	.4	2	28.000	--	--	--	--	--	--
6BM0072	93.000	<2	.4	2	98.000	--	--	--	--	--	--
6BM0073	42.000	<2	.2	<2	22.000	--	--	--	--	--	--
6BM0074	29.000	<2	<.1	<2	5.000	--	--	--	--	--	--
6BM0075	50.000	<2	.3	<2	8.000	--	--	--	--	--	--
6BM0076	41.000	<2	.3	<2	39.000	--	--	--	--	--	--
6BM0077	38.000	<2	.3	<2	36.000	--	--	--	--	--	--
6BM0078	23.000	<2	<.1	<2	3.000	--	--	--	--	--	--
6BM0079	19.000	<2	98.0	<2	21,000.000	--	--	--	--	--	--
6BM0080	<5.000	<2	.6	<2	38.000	--	--	--	--	--	--
6BM0081	140.000	<2	2.2	4	87.000	--	--	--	--	--	--
6BM0082	25.000	<2	.8	14	140.000	--	--	--	--	--	--
6BM0083	19.000	<2	1.1	12	300.000	--	--	--	--	--	--
6BM0084	74.000	<2	55.0	3	9,900.000	--	--	--	--	--	--
6BM0085	14.000	<2	300.0	2	18,000.000	--	--	--	--	--	--
6BM0086	46.000	<2	200.0	3	45,000.016	--	--	--	--	--	--
6BM0087	41.000	<2	120.0	<2	45,000.016	--	--	--	--	--	--
6BM1090	16.000	5	.1	5	28.000	--	--	--	--	--	--
6BM1091	<5.000	<2	.1	<2	7.000	--	--	--	--	--	--
6BM1092	70.000	<2	.1	<2	120.000	--	--	--	--	--	--
6BM1093	48.000	<2	.2	<2	130.000	--	--	--	--	--	--
6BM1094	22.000	<2	.3	<2	430.000	--	--	--	--	--	--
6BM1095	8.000	<2	.3	<2	40.000	--	--	--	--	--	--
6BM1096	99.000	<2	.2	6	47.000	--	--	--	--	--	--
6BM1097	11.000	<2	.5	<2	60.000	--	--	--	--	--	--
6BM1098	12.000	<2	.6	<2	22.000	--	--	--	--	--	--
6BM1099	850.000	15	220.0	1,400	45,000.016	--	--	--	--	--	--
6BM1100	36.000	2	9.8	67	13,000.000	--	--	--	--	--	--
6BM1101	210.000	<2	9.7	8	780.000	--	--	--	--	--	--
6BM1102	12.000	<2	.3	10	40.000	--	--	--	--	--	--
6BM5058	140.000	6	.4	31	2.000	--	--	--	--	--	--
6BM5059	420.000	<2	2.8	16	89.000	--	--	--	--	--	--
6BM5060	20.000	N	.3	2	90.000	--	--	--	--	--	--
6BM5061	300.000	N	.4	4	130.000	--	--	--	--	--	--
6BM5062	90.000	N	N	N	20.000	--	--	--	--	--	--
6BM5063	<10.000	N	N	N	20.000	--	--	--	--	--	--
6BM5064A	500.000	78	1.9	>1,000	900.000	--	--	--	--	--	--
6BM5064B	>2,000.000	100	N	2	20.000	--	--	--	--	--	--
6BM5065	50.000	>1,000	49.0	4	>2,000.000	--	--	--	--	--	--
6BM5066	130.000	>1,000	22.0	N	>2,000.000	--	--	--	--	--	--
6BM5067	300.000	>1,000	26.0	2	>2,000.000	--	--	--	--	--	--
6BM5068	<10.000	>1,000	17.0	N	>2,000.000	--	--	--	--	--	--
6BM5069	<10.000	74	>100.0	N	1,100.000	--	--	--	--	--	--
6BM5070	30.000	330	>100.0	N	>2,000.000	--	--	--	--	--	--

TABLE 24--RESULTS OF ANALYSES, WEST TINTIC MINING DISTRICT, UTAH--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
6BM5071	39 49 53	112 24 22	3.0	.30	3.00	.100	1,000	30.0	N	N
6BM5072	39 49 50	112 24 21	5.0	1.50	.10	.200	500	1.0	N	N
6BM5073	39 49 38	112 24 11	.2	5.00	10.00	.005	5,000	10.0	N	N
6BM5074	39 49 37	112 23 57	.5	.20	2.00	.005	1,000	20.0	N	N
6BM5075A	39 50 29	112 23 32	>20.0	.10	2.00	.005	100	300.0	>10,000	10
6BM5075B	39 50 29	112 23 32	>20.0	.10	2.00	.010	300	50.0	N	N
6BM5075C	39 50 29	112 23 32	10.0	.05	1.00	.010	500	7.0	>10,000	N
6BM5076	39 50 53	112 24 25	10.0	.10	.50	.050	>5,000	N	N	N
6BM5077	39 50 46	112 24 30	15.0	2.00	7.00	.300	1,000	1.0	N	N
6BM5078A	39 50 44	112 24 39	5.0	1.50	2.00	.500	500	N	N	N
6BM5078B	39 50 44	112 24 39	20.0	1.00	.10	.050	50	200.0	N	N
6BM5079	39 50 36	112 24 52	7.0	.50	.50	.200	5,000	5.0	N	N
6BM5080	39 49 57	112 24 43	2.0	.10	.10	.100	1,000	1.0	N	N
6BM5081	39 49 43	112 25 37	5.0	.05	.10	.100	200	50.0	N	N
6BM5155A	39 50 14	112 24 21	>20.0	1.00	1.00	.050	1,000	30.0	N	N
6BM5155B	39 50 14	112 24 21	15.0	.20	7.00	.050	5,000	1.0	<200	N
6BM5156A	39 49 38	112 25 42	2.0	.20	.20	.150	1,000	3.0	N	N
6BM5156B	39 49 38	112 25 42	1.0	.05	1.00	.050	50	5.0	N	N
6BM5159	39 50 28	112 23 34	7.0	2.00	5.00	.500	2,000	10.0	>10,000	N
8BM5749A	39 50 1	112 24 25	1.0	.07	.07	.070	70	100.0	N	N
8BM5750A	39 50 19	112 24 28	15.0	1.00	5.00	.050	1,000	1.0	N	N
8BM5751A	39 49 45	112 24 50	1.0	.20	.30	.150	1,000	10.0	N	N
8BM5752A	39 49 59	112 24 43	.7	.10	.30	.100	100	.5	N	N

TABLE 24--RESULTS OF ANALYSES, WEST TINTIC MINING DISTRICT, UTAH--Continued

Sample	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s
6BM5071	20	150	1.0	20	N	7	10	5,000	N	50	N	10
6BM5072	<10	300	2.0	N	N	10	50	500	N	1,000	N	30
6BM5073	N	<20	N	N	<20	N	<10	700	N	N	N	<5
6BM5074	20	500	<1.0	N	100	<5	<10	2,000	N	N	N	5
6BM5075A	N	70	<1.0	N	300	N	N	5,000	N	20	N	<5
6BM5075B	N	50	2.0	N	<20	<5	<10	300	N	N	N	10
6BM5075C	20	70	3.0	N	70	<5	<10	1,500	N	50	N	15
6BM5076	30	1,000	5.0	N	N	20	<10	50	50	200	N	30
6BM5077	10	500	2.0	10	N	30	100	300	50	N	N	50
6BM5078A	30	1,000	1.0	N	N	10	10	15	50	N	N	5
6BM5078B	20	50	<1.0	N	50	15	20	500	N	20	N	20
6BM5079	50	200	2.0	<10	N	10	30	300	N	30	N	7
6BM5080	30	200	2.0	N	N	5	<10	70	N	500	N	<5
6BM5081	20	1,000	<1.0	100	N	5	<10	10,000	N	<5	N	5
6BM5155A	<10	20	2.0	500	N	70	10	>20,000	N	20	N	10
6BM5155B	10	100	5.0	500	N	N	15	2,000	N	N	N	<5
6BM5156A	20	1,000	1.0	N	N	5	<10	5,000	50	N	N	5
6BM5156B	20	500	1.5	10	N	<5	<10	5,000	N	N	N	5
6BM5159	15	1,500	10.0	N	50	50	150	150	20	7	N	50
8BM5749A	15	1,000	<1.0	100	N	10	N	3,000	N	50	N	5
8BM5750A	N	20	3.0	N	N	10	N	1,000	N	N	N	7
8BM5751A	50	5,000	3.0	50	N	100	N	>20,000	70	10	N	10
8BM5752A	15	500	2.0	N	N	N	N	500	50	<5	N	<5

TABLE 24--RESULTS OF ANALYSES, WEST TINTIC MINING DISTRICT, UTAH--Continued

Sample	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa
6BM5071	>20,000	N	<5	N	<100	50	N	<10	N	70	N	N
6BM5072	2,000	N	7	N	N	200	N	N	10,000	70	N	N
6BM5073	>20,000	N	N	N	500	<10	N	N	500	N	N	N
6BM5074	>20,000	N	N	N	<100	10	N	N	7,000	N	N	N
6BM5075A	>20,000	1,500	N	1,000	100	15	N	N	>10,000	<10	N	6.00
6BM5075B	15,000	N	N	100	N	50	N	10	>10,000	50	N	N
6BM5075C	2,000	200	N	N	<100	50	N	15	>10,000	N	N	1.25
6BM5076	70	N	N	N	<100	150	N	100	1,000	150	N	N
6BM5077	100	N	20	N	200	100	N	50	200	100	N	N
6BM5078A	50	N	5	N	500	100	N	10	<200	200	N	N
6BM5078B	>20,000	100	<5	N	<100	70	N	<10	5,000	N	N	.10
6BM5079	5,000	N	7	N	N	100	N	10	2,000	200	N	N
6BM5080	300	N	<5	N	N	30	<50	<10	200	100	N	N
6BM5081	200	N	N	N	N	20	N	N	<200	150	N	N
6BM5155A	700	N	5	N	N	200	2,000	<10	5,000	N	N	<.10
6BM5155B	2,000	N	<5	N	N	500	10,000	N	N	N	N	<.10
6BM5156A	50	N	N	N	<100	50	N	10	N	150	N	<.10
6BM5156B	20	N	N	N	N	20	N	N	N	70	N	<.10
6BM5159	2,000	100	10	<10	100	100	N	20	2,000	200	N	1.30
8BM5749A	2,000	N	N	N	N	50	N	N	500	70	N	3.50
8BM5750A	70	N	<5	50	N	15	150	<10	300	30	N	N
8BM5751A	300	N	<5	N	500	50	N	50	200	100	N	N
8BM5752A	50	N	<5	N	N	20	N	10	N	100	N	N

TABLE 24--RESULTS OF ANALYSES, WEST TINTIC MINING DISTRICT, UTAH--Continued

Sample	AS-PPM ICP	BI-PPM ICP	CD-PPM ICP	SB-PPM ICP	ZN-PPM ICP	Na-pct. s	P-pct. s	Ga-ppm s	Ge-ppm s	HG-PPM CV	F% ISE
6BM5071	10.000	16	.8	4	80.000	--	--	--	--	--	--
6BM5072	30.000	2	7.8	N	>2,000.000	--	--	--	--	--	--
6BM5073	<10.000	N	33.0	2	400.000	--	--	--	--	--	--
6BM5074	20.000	1	81.0	6	>2,000.000	--	--	--	--	--	--
6BM5075A	>2,000.000	<1	>100.0	800	>2,000.000	--	--	--	--	--	--
6BM5075B	>2,000.000	4	26.0	56	>2,000.000	--	--	--	--	--	--
6BM5075C	>2,000.000	N	69.0	88	>2,000.000	--	--	--	--	--	--
6BM5076	160.000	<1	2.4	N	500.000	--	--	--	--	--	--
6BM5077	40.000	7	N	N	30.000	--	--	--	--	--	--
6BM5078A	10.000	1	N	N	40.000	--	--	--	--	--	--
6BM5078B	200.000	7	22.0	66	>2,000.000	--	--	--	--	--	--
6BM5079	20.000	8	2.2	N	1,400.000	--	--	--	--	--	--
6BM5080	N	4	.5	N	150.000	--	--	--	--	--	--
6BM5081	10.000	140	.1	N	30.000	--	--	--	--	--	--
6BM5155A	.005	940	18.0	6	4,400.000	--	--	--	--	--	--
6BM5155B	170.000	680	4.9	7	1,400.000	--	--	--	--	--	--
6BM5156A	24.000	<2	.2	<2	48.000	--	--	--	--	--	--
6BM5156B	8.000	16	<.1	4	9.000	--	--	--	--	--	--
6BM5159	18,000.000	<2	35.0	110	1,500.000	--	--	--	--	--	--
8BM5749A	<5.000	130	1.9	5	500.000	.5	<.2	5	N	.0	.01
8BM5750A	11.000	<2	5.9	<2	77.000	<.2	N	50	N	N	.01
8BM5751A	10.000	47	<.1	<2	170.000	1.5	.2	50	N	N	.04
8BM5752A	<5.000	<2	.2	<2	13.000	2.0	<.2	50	N	N	<.01