

UNITED STATES DEPARTMENT OF THE INTERIOR  
U.S. GEOLOGICAL SURVEY

DATA FOR FOUR DRILL HOLES, KALAMAZOO PORPHYRY COPPER DEPOSIT,  
PINAL COUNTY, ARIZONA

by

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## INTRODUCTION

This report tabulates analyses, rock types, and alteration zones for 311 samples of drill cuttings or core from four drill holes completed during exploration for the Kalamazoo copper deposit, Pinal County, Arizona. Figure 1 shows the location of the Kalamazoo deposit. The geology and other features of the deposit area have been described by Creasey (1965), Davis (1974), Lowell (1968), and Thomas (1966). Some of the analyses listed here were used to construct the figures in Chaffee (1982).

This report consists of two parts. Part A is this printed report. Part B is an electronic version on a diskette that includes this text in ASCII format as well as the data from tables 1 through 4 in a binary format and a program to convert these data into several different formats.

## DESCRIPTION OF THE SAMPLES

Each sample was composited from typical material present in a 3-m run of core. The 3-m runs were spaced at approximately 15-m intervals along the entire length of each hole. Care was exercised to sample only the principal lithology in each sample interval. Thin cross-cutting bands of different rock types or highly mineralized veins or fractures were not included in the sample unless they were distributed through most of a given 3-m interval. The samples from each hole were submitted to the analysts in a random sequence.

## SAMPLE PREPARATION AND ANALYSIS

All samples were crushed in a steel jaw crusher and pulverized to a minus-100-mesh (0.15-mm) grain size in a vertical mill with ceramic plates. The chemical analyses were determined in various laboratories of the U.S. Geological Survey in Denver, Colorado. The elements Au, Cd, Hg, K, Li, Na, Te, Tl, and Zn were determined using atomic absorption spectroscopy (Hubert and Lakin, 1973; Nakagawa and Thompson, 1969; Ward and others, 1969). Aluminum, P, and Si were determined (as oxides that were converted to element concentrations) using X-ray fluorescence (Claisse, 1956). Colorimetry was used to determine As, Sb, and Se (Crenshaw and Lakin, 1974; Ward and others, 1963). Sulfur was determined using a titrimetric method described by the Laboratory Equipment Company of St. Joseph, Michigan (no date), and fluorine was determined by specific-ion electrode potentiometry (Ficklin, 1970). Carbon dioxide was determined using a volumetric technique (Watterson and others, 1976). The other 31 elements in the tables were determined using a six-step semiquantitative emission spectrographic technique (Myers and others, 1961). The samples were analyzed for bulk density using an air pycnometer (McIntyre and others, 1965).

## DESCRIPTION OF DATA TABLES

The analyses are listed in tables 1-4. Information on the column headings is given below.

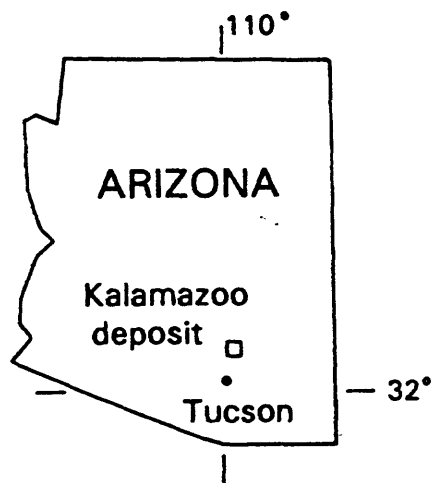


Figure 1. Map showing the location of the area of the Kalamazoo porphyry copper deposit, Pinal County, Arizona.

**Sam. ID**--For each sample number the first three characters give the drill hole number and the last four digits the depth of the sample, in feet, below the collar.

**Ag ppm through Zr ppm**--These columns of analyses list the element symbol, whether the concentrations are in percent or parts per million (ppm), and the analytical method. Within the data set, the values may be qualified with "N", "L", or "B". The meaning of these qualifiers is given at the top of each table. An "s" below the element name indicates that it was determined by semiquantitative emission spectroscopy; "aa" indicates atomic absorption analysis; "cm" indicates colorimetric analysis; "xrf" indicates X-ray fluorescence analysis; and "inst" indicates volumetric analysis (CO<sub>2</sub>) or specific-ion electrode analysis (F).

**Specific Gravity**--This column lists values determined on samples of composited rock chips or on core fragments. The measurements were made before the material was pulverized.

**Rock types and alteration zones**--The rock type descriptions given in the tables are field terms based on identification with a hand lens. The term "quartz monzonite" refers to samples of the Precambrian Oracle Granite. The term "monzonite porphyry" is used for samples of Cretaceous intrusive rocks. The term "conglomerate" refers to samples of post-mineralization-aged Cloudburst Formation and(or) Gila(?) Conglomerate. Scattered intervals of rhyolite, andesite, diorite, and diabase, all of uncertain age, were also sampled where they occurred in significant thicknesses. The alteration zone names are those used by Lowell (1968). Where the word "oxidized" is not used, the alteration is assumed to be predominantly hydrothermal in origin.

#### OTHER INFORMATION

The reader should note that all elements were not determined for all samples. Where only a few samples were not analyzed for a particular element, a "0 B" has been entered in the table. Where none of the samples in a drill hole was analyzed for a given element, the column for that element has been omitted. Thus, the element Nd has been omitted from tables 3 and 4. The elements Eu (100), Ge (10), Hf (100), Pr (100), Re (50), Sm (100), Ta (200), and Th (200), all analyzed using semiquantitative emission spectroscopy, are not shown in the tables because in every case all values were reported as "not detected" at the respective lower limits of determination shown in parentheses.

In the case of tellurium, two different lower limits of determination were used.

Tables 1 to 4 of this printed version show the correct number of significant digits for each variable. The data found in the binary files on the diskette may contain additional digits as a result of the method used to produce the files. These digits are not considered to be significant.

#### ACKNOWLEDGMENTS

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Table 1.--DATA FOR DDH KAL 23, KALAMAZOO DEPOSIT, ARIZONA

[N=not detected at lower limit of determination shown preceding letter. L=detected but in a concentration less than value shown. 0 B=value not determined]

Sam. ID	Ag ppm s	Al % xrf	As ppm cm	Au ppm aa	B ppm s	Ba ppm s	Be ppm s	Bi ppm s	CO <sub>2</sub> % inst	Ca % s	Cd ppm aa	Ce ppm s	Co ppm s
K230055	0.5 N	7.4	10	0.02 N	20 L	500	1.5	10 N	2.40	1.5	0.3	200 N	10
K230130	0.5 N	7.9	10	0.02 N	20 L	1000	1.5	10 N	0.90	2.0	0.2	200 L	15
K230185	0.5 N	0.0 B	10 L	0.02 N	20 N	700	1.5	10 N	0.75	1.5	0.1 N	200 N	30
K230270	0.5 N	7.9	10	0.02 N	20 N	700	1.5	10 N	0.60	1.0	0.7	200 N	10
K230325	0.5 N	5.2	10	0.02 N	20	1000	2.0	10 N	0.25	0.5	0.2	200 L	7
K230430	0.5 N	5.8	10	0.02 N	20 L	150	5.0	10 N	0.15	0.2	0.2	200 N	5 N
K230550	0.5 N	7.4	20	0.02 N	20 N	300	5.0	10 N	0.15	0.7	0.2	200 L	5
K230650	0.5 N	6.9	20	0.02 N	20 L	700	2.0	10 N	0.15	5.0	0.2	200 L	10
K230755	0.5 N	7.2	10 L	0.02 N	30	700	5.0	10 N	0.60	1.0	0.1 N	200 L	10
K230790	0.5 N	6.9	10	0.02 N	20 N	700	2.0	10 N	0.90	7.0	0.1 N	200 N	5
K230825	0.5 N	6.4	10	0.02 N	20 L	700	3.0	10 N	0.45	0.7	0.5	200 L	7
K230920	0.5 N	6.9	10	0.02 N	20 L	700	5.0	10 N	0.75	1.0	0.2	200 L	7
K231010	0.5 N	6.9	20	0.02 N	20 N	700	3.0	10 N	0.75	0.7	0.1	200 N	10
K231165	0.5 N	6.4	10	0.02 N	20	500	3.0	10 N	0.75	1.0	0.1	200 L	10
K231220	0.5 N	6.9	10 L	0.02 N	20 N	700	3.0	10 N	1.10	1.0	0.1 N	200 N	15
K231360	0.5 N	6.9	10	0.02 N	20 N	500	1.5	10 N	0.75	0.7	0.1	200 N	7
K231415	0.5 N	6.4	10	0.02 N	20 N	300	1.5	10 N	0.90	0.5	0.1 N	200 N	15
K231475	0.5 N	6.4	10	0.02	20 N	300	1.5	10 N	0.60	0.5	0.8	200 N	10
K231525	0.5 N	6.9	20	0.04	20 N	500	2.0	10 N	0.75	0.7	0.4	200 N	10
K231575	0.5 N	6.4	10 L	0.02 N	20 N	300	1.5	10 N	0.60	0.3	0.5	200 N	15
K231625	0.5 N	6.9	10 L	0.04	20 N	300	1.5	10 N	0.45	0.3	0.1 N	200 N	10
K231675	0.5 N	7.9	20	0.02	20 L	500	2.0	10 N	0.60	0.7	0.2	200 N	7
K231725	0.5 N	6.9	10 L	0.04	20 N	500	1.5	10 N	0.00 B	0.2	0.1 N	200 N	10
K231775	0.5 N	7.4	10	0.02	20 N	500	1.5 N	10 N	0.30	0.2	0.6	200 N	15
K231825	0.5 N	6.9	10 L	0.10	20 N	300	1.5 N	10 N	0.25	0.3	0.2	200 N	15
K231875	0.5 N	7.4	10 L	0.04	20 N	700	1.5 N	10 N	0.25	0.2	0.2	200 N	15
K231925	0.5 N	7.4	10	0.02 N	20 N	300	1.5 N	10 N	0.45	0.2	0.4	200 N	15
K231975	0.5 N	6.4	10 L	0.02	20 N	200	1.5 N	10 N	0.15	0.2	0.3	200 N	30
K232025	0.5 N	6.9	10 L	0.04	20 N	500	1.5	10 N	0.60	0.5	0.4	200 N	15
K232075	0.5 N	6.9	10 L	0.02 L	20 N	500	1.5	10 N	0.45	0.5	0.6	200 N	15
K232125	0.5 N	6.4	10 L	0.04	20 N	200	1.5 N	10 N	0.25	0.2	0.1 N	200 N	20
K232175	0.5 N	6.9	10 L	0.20	20 N	300	1.5 N	10 N	0.30	0.2	0.1 N	200 N	15
K232225	0.5 N	7.4	10 L	0.02 N	20 N	500	1.5 N	10 N	0.45	0.5	0.3	200 N	15
K232270	0.5 N	6.9	10 L	0.02 L	20 N	500	1.5 N	10 N	0.75	0.5	0.5	200 N	20
K232320	0.5 N	7.9	10 L	0.02 N	20 N	300	1.5 N	10 N	0.01	0.1	0.2	200 N	20
K232375	0.5 N	7.9	10 L	0.02 N	20 N	500	1.5 N	10 N	0.30	0.2	0.1 N	200 N	30
K232425	0.5 N	8.5	10 L	0.02 N	20 N	700	1.5 N	10 N	0.75	0.5	0.1	200 N	15
K232475	0.5 N	8.5	10 L	0.02 N	20 N	700	1.5 N	10 N	0.60	0.5	0.2	200 N	20
K232525	0.5 N	7.9	10 L	0.02 N	20 N	700	1.5	10 N	0.90	0.5	0.8	200 N	30
K232575	1.0	7.9	10 L	0.02 N	20 N	1000	1.5	10 N	1.50	1.0	0.3	200 N	20



Table 1.--continued

Sam. ID	Cr ppm s	Cs ppm s	Cu ppm s	F ppm inst	Fe % s	Ga ppm s	Hg ppm aa	K % aa	La ppm s	Li ppm aa	Mg % s	Mn ppm s	Mo ppm s	Na % aa
K230055	30	30	20	630	3.0	15	0.04	2.0	50 L	120	0.7	300	3 N	2.2
K230130	70	30	70	510	3.0	20	0.04	1.4	50 L	95	1.0	500	3 N	2.2
K230185	200	30	70	1080	7.0	20	0.07	1.6	50 N	150	3.0	700	3 N	1.6
K230270	30	20 L	20	400	2.0	20	0.03	2.8	50 L	110	0.5	200	3 N	2.5
K230325	15	20 L	7	150	1.5	15	0.18	2.0	50 L	30	0.3	500	3 N	1.4
K230430	3	20 N	2	270	0.7	20	0.06	3.0	50 N	110	0.1	300	3 N	2.2
K230550	10	50	20	1520	1.5	20	0.12	1.8	50	120	0.7	500	3 N	1.6
K230650	15	50	20	530	3.0	20	0.07	2.4	50	70	0.5	700	3 N	2.0
K230755	15	20 L	15	250	1.5	15	0.12	3.7	70	40	0.5	500	3 L	1.9
K230790	15	20	15	340	2.0	20	0.06	2.8	50 N	60	0.2	200	3 N	2.0
K230825	30	20 L	20	150	3.0	15	0.06	2.0	50 L	45	0.5	500	3	1.6
K230920	30	20 L	30	520	3.0	20	0.06	2.2	50 N	75	0.7	300	3 N	2.0
K231010	30	30	30	700	2.0	20	0.25	2.4	50 L	100	0.5	500	3	2.2
K231165	30	20 L	30	180	2.0	15	0.06	2.4	50	70	0.7	700	3	1.6
K231220	30	20	70	420	2.0	15	0.08	2.2	50 L	95	0.5	1000	3 N	2.0
K231360	30	30	1000	370	3.0	20	0.07	1.4	50 L	75	0.5	150	3	1.4
K231415	20	20 N	700	360	7.0	20	0.08	1.8	50 N	60	0.7	300	3 N	1.4
K231475	20	20 N	1000	420	3.0	20	0.06	1.6	50 N	65	0.7	150	3 N	1.4
K231525	30	20 N	700	500	5.0	30	0.09	1.6	50 L	55	1.0	200	3 N	1.6
K231575	30	20 N	700	460	5.0	20	0.08	1.6	50 N	55	0.7	150	3 N	1.2
K231625	20	20	1000	360	5.0	20	0.08	1.0	50 N	40	0.7	150	3 N	0.8
K231675	30	20 N	300	600	3.0	20	0.07	1.6	50 N	90	0.7	200	3 N	1.6
K231725	30	20	500	390	5.0	20	0.10	1.4	50 N	75	0.5	100	3	0.8
K231775	30	20 L	500	400	5.0	20	0.04	1.4	50 N	85	1.0	150	3 N	1.4
K231825	30	20 N	700	470	7.0	20	0.06	1.4	50 N	60	0.5	100	3 N	1.2
K231875	30	20 N	700	490	5.0	30	0.05	2.0	50 N	70	0.5	70	3 N	0.8
K231925	30	20 N	300	480	5.0	20	0.05	1.8	50 N	45	0.3	70	3 N	1.0
K231975	30	20 N	500	370	10.0	20	0.06	1.8	50 N	45	0.3	70	3 N	0.8
K232025	30	20 N	500	360	7.0	20	0.04	1.6	50 L	65	0.5	150	3 N	1.2
K232075	30	20 N	500	440	7.0	20	0.10	1.8	50 N	70	0.5	300	3	1.0
K232125	30	20 L	500	420	10.0	20	0.17	1.8	50 N	65	0.3	70	3	1.0
K232175	20	20 N	500	420	7.0	20	0.10	1.6	50 N	45	0.3	100	3 N	1.0
K232225	50	20 N	300	380	5.0	20	0.05	1.6	50 N	90	0.5	100	5	0.8
K232270	20	20 N	500	380	5.0	20	0.07	1.4	50 N	55	0.5	150	3 N	1.2
K232320	20	20 N	1500	550	5.0	20	0.06	1.8	50 N	45	0.7	100	3 N	0.8
K232375	20	20 N	1000	540	3.0	20	0.04	1.8	50 N	50	0.5	70	20	1.0
K232425	30	20 N	700	680	5.0	20	0.04	1.6	50 N	30	1.0	70	3 N	1.8
K232475	30	20 N	1000	510	3.0	20	0.09	2.0	50 N	20	1.0	50	15	1.2
K232525	30	20 N	1500	820	3.0	20	0.04	2.4	50 N	50	1.0	100	20	2.0
K232575	30	20 N	5000	770	3.0	20	0.03	2.2	50 N	40	1.0	150	20	1.2

Table 1.--continued

Sam. ID	Nb ppm s	Nd ppm s	Ni ppm s	P ppm xrf	Pb ppm s	Rb ppm s	S % inst	Sb ppm cm	Sc ppm s	Se ppm aa	Si % xrf	Sn ppm s
K230055	10 L	70 N	20	440 L	15	150	0.060	1	10	0.15	30	10 N
K230130	10 L	70 N	30	570	15	100	0.012	1	15	0.20	29	10 N
K230185	10 L	0 B	150	440 L	10	150	0.040	2	20	0.30	0 B	10 N
K230270	10 N	70 N	20	440 L	20	150	0.012	1 L	10	0.15	32	10 N
K230325	10	70 L	15	440 L	30	100	0.010	1	7	0.10 L	25	10 N
K230430	15	0 B	5 N	440 L	30	200	0.052	1 L	5	0.10	33	10 N
K230550	15	70 N	5	440 L	30	200	0.024	2	7	0.25	33	10 N
K230650	10	70 N	10	440 L	30	200	0.070	2	10	0.25	33	10 N
K230755	20	70 N	10	740	70	100	0.013	2	7	0.50	33	10 N
K230790	10 L	0 B	5	440 L	30	200	0.040	5	7	0.15	32	10 N
K230825	15	70 L	15	440 L	50	70	0.010	1	7	0.10 L	28	10 N
K230920	10	0 B	10	440 L	20	100	0.040	1	10	0.20	30	10 N
K231010	10	70 N	15	440 L	50	150	0.070	3	7	0.15	31	10 N
K231165	20	70 L	20	440 L	50	150	0.020	1	7	0.10 L	30	10 N
K231220	10	70 N	20	440 L	30	150	0.040	2	10	0.15	30	10 N
K231360	10 L	70 N	10	440 L	30	150	0.970	1 L	10	1.00	33	10 N
K231415	10 L	0 B	30	790	10	150	4.910	1	7	1.90	31	10 N
K231475	10 L	0 B	20	440	10	100	3.400	1 L	7	1.15	32	10 N
K231525	10 L	70 N	20	520	10	70	1.570	1 L	10	0.85	29	10 N
K231575	10 L	0 B	30	830	10	100	3.940	1 L	10	2.30	25	10 N
K231625	10 L	0 B	20	570	10	100	4.550	1 L	7	1.90	31	10 N
K231675	10 L	0 B	15	440 L	10	70	0.440	1	10	0.70	33	10 N
K231725	10 L	0 B	20	570	20	150	2.450	1 L	10	1.90	32	10 N
K231775	10 N	0 B	30	520	50	70	4.940	1 L	10	2.80	31	10 N
K231825	10 N	0 B	20	700	70	100	5.240	1 L	7	3.60	30	10 N
K231875	10 N	0 B	20	480	10 N	100	6.980	1 L	7	3.20	30	10 N
K231925	10 L	0 B	15	1800	10	70	6.830	2	10	4.50	29	10 N
K231975	10 N	0 B	30	440 L	10	70	14.400	1 L	7	10.20	26	10 N
K232025	10 L	0 B	30	650	10	100	4.280	1 L	10	4.00	29	10 N
K232075	10 L	70 N	20	570	100	70	5.330	1	7	3.20	31	10 N
K232125	10 N	0 B	20	1000	15	100	10.600	1 L	5	7.10	29	10 N
K232175	10 N	0 B	20	1400	150	100	7.020	5	7	5.90	30	10 N
K232225	10 N	0 B	15	610	10 N	100	4.860	1 L	10	2.80	31	10 N
K232270	10 L	0 B	15	610	50	100	5.480	1 L	5	3.20	20	10 N
K232320	10 N	0 B	15	1600	10 N	70	5.880	1 L	7	4.00	29	10 N
K232375	10 N	0 B	15	1300	10 N	70	6.620	1 L	5	9.30	29	10 N
K232425	10 N	0 B	20	570	10 N	70	4.330	1 L	7	3.20	29	10 N
K232475	10 N	0 B	15	870	10 N	70	5.070	1 L	10	4.00	29	10 N
K232525	10 N	0 B	15	700	10 N	70	3.270	1 L	10	4.50	29	10 N
K232575	10 N	0 B	20	440 L	10 N	70	3.830	1 L	7	5.00	29	10 N

Table 1.--continued

Sam. ID	Sr ppm s	Te ppm aa	Ti % s	Tl ppm aa	V ppm s	W ppm s	Y ppm s	Yb ppm s	Zn ppm aa-p	Zr ppm s	Specific gravity
K230055	300	0.1 L	0.20	0.8	70	100 N	30	3.0	135	70	2.675
K230130	500	0.1 N	0.30	0.3	100	100 N	15	2.0	50	70	2.675
K230185	200	0.0 B	0.50	0.0 B	200	100 N	20	0.0 B	95	70	2.877
K230270	500	0.2	0.20	0.8	50	100 N	10	1.5	40	150	2.661
K230325	300	0.1	0.30	0.7	30	100 N	20	3.0	25	70	2.625
K230430	70	0.1 N	0.07	1.5	15	100 N	15	2.0	15	70	2.583
K230550	150	0.1 L	0.15	1.0	50	100 N	30	3.0	40	70	2.510
K230650	200	0.1 N	0.20	1.0	70	100 N	50	5.0	40	70	2.638
K230755	300	0.1 N	0.15	1.1	70	100 N	30	5.0	30	150	2.637
K230790	200	0.1 N	0.20	0.9	50	100 N	20	2.0	30	70	2.651
K230825	300	0.1	0.30	2.0	70	100 N	30	3.0	40	70	2.664
K230920	500	0.1 N	0.20	0.9	50	100 N	50	10.0	35	70	2.623
K231010	200	0.2	0.30	0.7	70	100 N	30	3.0	45	50	2.624
K231165	300	0.5	0.30	1.3	70	100 N	30	3.0	40	150	2.629
K231220	200	0.5	0.30	1.0	70	100 N	50	3.0	35	100	2.633
K231360	300	0.1 N	0.20	0.6	70	100 N	15	2.0	25	100	2.697
K231415	150	0.1 N	0.20	0.4	70	100 N	10	0.0 B	35	100	2.798
K231475	150	0.1 L	0.15	0.6	70	100 N	10	1.5	30	70	2.765
K231525	200	0.1 L	0.30	0.7	100	100 N	10	2.0	30	70	2.708
K231575	200	0.1	0.20	0.7	100	100 N	10	1.5	25	70	2.821
K231625	150	0.1 N	0.20	0.7	70	100 N	10	1.5	30	70	2.823
K231675	500	0.7	0.15	0.6	70	100 N	15	2.0	25	70	2.702
K231725	300	0.7	0.20	0.2 L	70	100 N	10 L	1.5	20	70	2.790
K231775	150	0.1 N	0.20	0.5	100	100 N	10	1.5	300	70	2.815
K231825	150	0.1 L	0.15	0.4	70	100 N	10 L	0.0 B	65	70	2.784
K231875	70	0.1 N	0.20	0.5	100	100 N	10 L	1.0	15	50	2.877
K231925	100	0.1 N	0.20	0.2 L	100	100 N	10 L	1.5	10	100	2.924
K231975	100	0.1 N	0.15	0.5	70	100 N	10 L	0.0 B	10	70	3.060
K232025	150	0.1 L	0.30	0.5	70	100 N	10	0.0 B	35	100	2.852
K232075	150	0.1 N	0.20	0.6	70	100 N	10	0.0 B	20	70	2.833
K232125	100	0.1 N	0.15	0.4	70	100 N	10 L	0.0 B	15	70	2.983
K232175	100	0.1 N	0.15	0.5	70	100 N	10 L	0.0 B	15	70	2.946
K232225	100	0.1 N	0.30	0.4	100	100 N	10	1.5	20	100	2.818
K232270	150	0.1	0.15	0.6	70	100 N	10 L	1.0	25	50	2.823
K232320	70	0.1 N	0.20	0.3	70	100 N	10 L	1.0	20	70	2.852
K232375	70	0.1 N	0.15	0.2 L	70	100 N	10 L	1.0	25	30	2.851
K232425	200	0.1 N	0.20	0.3	100	100 N	10	1.0	15	70	2.799
K232475	150	0.1 N	0.20	0.4	100	100 N	10 L	1.0	20	50	2.816
K232525	150	0.1 N	0.30	0.4	100	100 N	10 L	1.0 N	25	70	2.783
K232575	100	0.1 N	0.20	0.4	150	100 N	10 L	1.0	20	70	2.796

Table 1.--continued

Sam. ID	Rock Type	Alteration Zone
K230055	Conglomerate	None
K230130	Conglomerate	None
K230185	Andesite flow	None
K230270	Conglomerate	None
K230325	Conglomerate	None
K230430	Conglomerate	None
K230550	Conglomerate	None
K230650	Conglomerate	None
K230755	Conglomerate	None
K230790	Conglomerate	None
K230825	Conglomerate	None
K230920	Conglomerate	None
K231010	Conglomerate	None
K231165	Conglomerate	None
K231220	Conglomerate	None
K231360	Monzonite porphyry	Quartz-sericite
K231415	Monzonite porphyry	Quartz-sericite
K231475	Monzonite porphyry	Quartz-sericite
K231525	Monzonite porphyry	Quartz-sericite
K231575	Monzonite porphyry	Quartz-sericite
K231625	Monzonite porphyry	Quartz-sericite
K231675	Monzonite porphyry	Quartz-sericite
K231725	Monzonite porphyry	Quartz-sericite
K231775	Monzonite porphyry	Quartz-sericite
K231825	Monzonite porphyry	Quartz-sericite
K231875	Monzonite porphyry	Quartz-sericite
K231925	Monzonite porphyry	Quartz-sericite
K231975	Monzonite porphyry	Quartz-sericite
K232025	Monzonite porphyry	Quartz-sericite
K232075	Monzonite porphyry	Quartz-sericite
K232125	Monzonite porphyry	Quartz-sericite
K232175	Monzonite porphyry	Quartz-sericite
K232225	Monzonite porphyry	Quartz-sericite
K232270	Monzonite porphyry	Quartz-sericite
K232320	Monzonite porphyry	Quartz-sericite
K232375	Monzonite porphyry	Quartz-sericite
K232425	Monzonite porphyry	Quartz-sericite
K232475	Monzonite porphyry	Quartz-sericite
K232525	Monzonite porphyry	Quartz-sericite
K232575	Monzonite porphyry	Quartz-sericite

Table 1.--continued

Sam. ID	Ag ppm s	Al % xrf	As ppm cm	Au ppm aa	B ppm s	Ba ppm s	Be ppm s	Bi ppm s	CO2 % inst	Ca % s	Cd ppm aa	Ce ppm s	Co ppm s
K232625	0.5 N	8.5	10	0.04	20 N	700	1.5 N	10 N	1.20	1.0	0.3	200 L	10
K232675	0.5 L	7.9	10 L	0.10	20 N	700	1.5 N	10 N	1.20	0.7	0.3	200 N	50
K232725	1.0	7.9	10 L	0.08	20 N	700	1.5 N	10 N	1.20	0.7	0.2	200 N	30
K232775	0.5 L	8.5	20	0.08	20 N	700	1.5 N	10 N	2.10	1.0	0.6	200 N	30
K232825	1.0	7.9	10 L	0.08	20 N	700	1.5	10 N	1.40	1.0	0.6	200 N	10
K232875	1.0	9.0	10 L	0.04	20 N	700	1.5	10 N	1.80	1.0	0.1 N	200 N	10
K232925	1.0	7.9	10	0.02 N	20 N	500	1.5	10 N	0.90	1.5	0.1 N	200 N	15
K232975	7.0	7.9	10	0.20	20 N	500	1.5 N	10 N	0.75	0.7	0.1	200 N	7
K233025	1.0	6.9	10	0.08	20 N	1000	1.5 N	10 N	1.80	1.5	0.1 N	200 L	15
K233075	1.0	8.5	10	0.10	20 N	300	1.5 N	10 N	1.80	0.7	0.4	200 N	10
K233125	1.0	7.9	10	0.15	20 N	700	1.5 N	10 N	1.20	0.7	0.7	200 N	10
K233185	1.5	7.4	10 L	0.06	20 N	700	1.5 N	10 N	2.00	1.5	0.4	200 L	5
K233225	1.0	7.4	10 L	0.20	20 N	1000	1.5	10 N	2.10	1.5	0.1	200 N	15
K233275	1.5	7.9	10	0.25	20 N	700	1.5 N	10 N	0.75	0.7	0.4	200 N	10
K233325	1.0	7.4	10	0.10	20 N	700	1.5 N	10 N	1.60	2.0	0.6	200 N	10
K233375	0.5 L	8.5	10	0.10	20 N	500	1.5 N	10 N	1.40	1.0	0.2	200 N	7
K233425	0.5 L	7.9	20	0.08	20 N	700	1.5 N	10 N	1.50	1.0	0.3	200 L	7
K233475	0.5 L	7.9	10	0.10	20 N	700	1.5 N	10 N	0.90	1.5	0.1	200 N	7
K233525	0.5 L	7.9	10	0.20	20 N	700	1.5 N	10 N	1.50	1.5	0.6	200 N	7
K233575	0.5 L	8.5	10 L	0.08	20 N	700	1.5 N	10 N	1.10	1.0	0.1 N	200 N	7
K233625	0.5 N	7.4	10 L	0.02	20 N	1500	1.5 N	10 N	2.70	2.0	0.4	200 N	10
K233675	0.5 L	7.9	40	0.04	50	700	1.5	10 N	2.10	1.5	2.9	200 N	7
K233725	0.5 N	8.5	10	0.02 N	20	1000	1.5 N	10 N	1.80	2.0	0.1 N	200 N	7
K233780	0.5 N	8.5	10 L	0.02 N	50	700	1.5 N	10 N	2.10	0.7	0.3	200 N	7

Table 1.--continued

Sam. ID	Cr ppm s	Cs ppm s	Cu ppm s	F ppm inst	Fe % s	Ga ppm s	Hg ppm aa	K % aa	La ppm s	Li ppm aa	Mg % s	Mn ppm s	Mo ppm s	Na % aa
K232625	50	20	3000	820	3.0	20	0.03	2.2	50 L	50	1.5	70	20	2.4
K232675	30	20 N	3000	540	5.0	20	0.02	3.0	50	35	1.0	70	70	2.2
K232725	20	20 N	3000	510	5.0	20	0.12	1.8	50 N	20	1.0	100	70	1.4
K232775	50	20 L	3000	570	3.0	30	0.03	2.4	50 N	35	1.0	100	15	2.0
K232825	30	20 N	5000	760	2.0	20	0.03	2.4	50 L	30	1.5	70	100	2.6
K232875	30	20 N	3000	780	2.0	20	0.06	2.0	50 L	45	1.0	50	50	2.4
K232925	30	20 N	5000	850	1.5	20	0.03	1.8	50 N	35	1.0	70	20	2.4
K232975	50	20 N	7000	870	2.0	30	0.20	2.4	50 L	45	1.0	50	50	2.6
K233025	30	20 N	7000	500	2.0	20	0.03	2.4	70	30	0.7	100	70	2.0
K233075	50	20	5000	940	2.0	20	0.04	1.6	50 L	35	1.5	70	150	2.4
K233125	50	20 N	5000	760	2.0	30	0.03	3.0	50 L	30	1.5	70	30	2.4
K233185	30	20 N	7000	480	1.0	15	0.07	2.4	50 L	25	0.5	100	50	2.0
K233225	50	20 N	7000	720	2.0	20	0.03	3.2	50	35	0.7	150	20	2.0
K233275	70	20 N	7000	780	2.0	30	0.04	2.8	50	30	1.5	100	200	2.2
K233325	50	20	5000	670	2.0	20	0.04	2.6	50 N	50	1.0	150	10	2.6
K233375	50	20 N	3000	670	1.5	30	0.03	1.8	50 N	35	1.5	100	3 N	2.8
K233425	30	20	2000	590	1.5	20	0.05	2.0	50 N	35	0.7	70	3 N	2.4
K233475	30	20 N	2000	710	1.0	20	0.06	1.4	70	25	1.0	100	10	2.4
K233525	30	20 N	5000	610	2.0	30	0.03	2.0	50 L	40	1.0	100	3 N	2.6
K233575	30	20 N	3000	670	1.5	20	0.08	1.6	50 N	40	1.5	100	3 N	3.0
K233625	30	20 N	2000	590	1.5	20	0.04	2.0	50 N	50	0.7	200	3 N	2.2
K233675	30	20 N	1000	440	2.0	30	0.10	1.4	50 N	50	0.7	200	3 N	1.2
K233725	30	20 N	10	350	2.0	20	0.03	1.6	50 N	50	1.0	200	3 N	2.4
K233780	20	20 N	30	460	2.0	20	0.03	2.4	50 N	80	0.7	150	3 N	2.2

Table 1.--continued

Sam. ID	Nb ppm s	Nd ppm s	Ni ppm s	P ppm xrf	Pb ppm s	Rb ppm s	S % inst	Sb ppm cm	Sc ppm s	Se ppm aa	Si % xrf	Sn ppm s
K232625	10 N	70 N	20	570	10 N	50	1.030	1 L	10	2.30	29	10 N
K232675	10 N	70 N	20	650	10	50	2.470	1 L	7	6.30	28	10 N
K232725	10 N	0 B	20	700	10 N	70	4.450	1	7	8.00	29	10 N
K232775	10 L	0 B	20	570	20	50	1.310	1 L	10	3.70	30	10 N
K232825	10 N	70 N	15	650	10 N	50	1.130	1 L	10	3.70	30	10 N
K232875	10 N	70 N	15	440 L	10 N	70	0.940	1 L	10	3.20	31	10 N
K232925	10 N	0 B	20	1200	10	50	0.930	1 L	10	3.20	29	10 N
K232975	10 N	70 N	15	830	30	70	1.380	1 L	10	5.00	27	10 N
K233025	10 N	70 N	20	440 L	10	70	1.270	1 L	7	4.00	30	10 N
K233075	10 N	70 N	20	440 L	20	50	1.020	1 L	7	2.70	31	10 N
K233125	10 L	70 N	20	830	10	70	1.130	1 L	10	5.00	30	10 N
K233185	10 N	70 N	10	1300	15	50	1.710	1 L	7	8.00	32	10 N
K233225	10 L	70 N	20	440 L	10	50	1.260	1 L	10	5.40	28	10 N
K233275	10 N	70 N	30	570	10	70	1.150	1 L	10	5.40	31	10 N
K233325	10 N	0 B	20	440 L	10 N	30	0.860	1 L	10	3.60	28	10 N
K233375	10 L	0 B	20	440 L	10	30	0.450	1 L	10	2.80	33	10 N
K233425	10 N	0 B	15	440 L	10	20	0.460	1 L	5	2.30	31	10 N
K233475	10 N	70 N	15	650	10	50	0.770	1 L	7	3.70	30	10 N
K233525	10 N	70 N	20	480	10	30	0.560	1 L	7	3.20	31	10 N
K233575	10 L	0 B	15	440 L	10	50	0.600	1 L	10	3.20	31	10 N
K233625	10 N	0 B	15	440 L	10	50	0.500	1 L	7	1.90	30	10 N
K233675	10 N	0 B	20	440 L	15	100	0.290	4	7	0.30	30	10 N
K233725	10 N	0 B	15	440 L	10 N	70	0.070	1 L	7	0.25	30	10 N
K233780	10 N	0 B	15	740	10	100	0.050	3	7	0.15	32	10 N

Table 1.--continued

Sam. ID	Sr ppm s	Te ppm aa	Ti % s	Tl ppm aa	V ppm s	W ppm s	Y ppm s	Yb ppm s	Zn ppm aa-p	Zr ppm s	Specific gravity
K232625	200	0.1 N	0.30	0.4	150	100 N	10	1.0	25	70	2.727
K232675	150	0.1 N	0.30	0.5	100	100 N	10	1.0	25	70	2.760
K232725	100	0.1 N	0.20	0.3	100	100 N	10 L	1.0	15	50	2.786
K232775	300	0.1 N	0.20	0.4	150	100 N	10	1.0	25	70	2.712
K232825	300	0.1 L	0.30	0.2	150	100 N	10	1.0	20	70	2.709
K232875	200	0.1 L	0.30	0.3	150	100 N	10 L	1.0	20	70	2.705
K232925	300	0.1 N	0.20	0.2 L	100	100 N	10	1.0	20	70	2.692
K232975	200	0.1 L	0.30	0.3	150	100 N	10	1.0	20	70	2.724
K233025	200	0.1 N	0.20	0.2 L	100	100 N	10 L	1.0	20	70	2.680
K233075	200	0.1 N	0.20	0.2 L	150	100 N	10 L	1.0	20	150	2.712
K233125	300	0.1 N	0.30	0.5	150	100 N	15	1.5	20	100	2.682
K233185	150	0.1	0.20	0.2 L	100	100 N	10	1.0	15	50	2.687
K233225	300	0.1	0.30	0.3	150	100 N	10	1.5	15	70	2.689
K233275	300	0.1	0.20	0.4	150	100 N	10	1.5	20	70	2.676
K233325	300	0.1 L	0.20	0.3	100	100 N	10	1.0	25	100	2.671
K233375	300	0.1 N	0.20	0.2 L	100	100 N	10	1.0	20	70	2.655
K233425	500	0.1 N	0.20	0.2 L	70	100 N	10 L	1.0	20	50	2.639
K233475	500	0.1 N	0.20	0.2 L	100	100 N	10 L	1.0	20	50	2.665
K233525	500	0.1 N	0.30	0.2 L	100	100 N	10 L	1.0	15	70	2.654
K233575	500	0.1 N	0.30	0.2 L	150	100 N	10 L	1.0	20	100	2.662
K233625	700	0.1 N	0.20	0.3	70	100 N	10 L	1.0	15	70	2.658
K233675	300	0.1 N	0.20	0.8	100	100 N	10	1.0	90	100	2.689
K233725	500	0.1 N	0.30	0.3	100	100 N	10 L	1.0	50	50	2.659
K233780	300	0.6	0.20	0.5	70	100 N	10 L	1.0 N	85	50	2.679



Table 1.--continued

Sam. ID	Rock Type	Alteration Zone
K232625	Monzonite porphyry	Quartz-sericite
K232675	Monzonite porphyry	Quartz-sericite
K232725	Monzonite porphyry	Quartz-sericite
K232775	Monzonite porphyry	Quartz-sericite
K232825	Monzonite porphyry	Biotite K-feldspar
K232875	Monzonite porphyry	Biotite K-feldspar
K232925	Monzonite porphyry	Biotite K-feldspar
K232975	Monzonite porphyry	Biotite K-feldspar
K233025	Monzonite porphyry	Biotite K-feldspar
K233075	Monzonite porphyry	Biotite K-feldspar
K233125	Monzonite porphyry	Biotite K-feldspar
K233185	Monzonite porphyry	Biotite K-feldspar
K233225	Monzonite porphyry	Biotite K-feldspar
K233275	Monzonite porphyry	Biotite K-feldspar
K233325	Monzonite porphyry	Biotite K-feldspar
K233375	Monzonite porphyry	Biotite K-feldspar
K233425	Monzonite porphyry	Biotite K-feldspar
K233475	Monzonite porphyry	Biotite K-feldspar
K233525	Monzonite porphyry	Biotite K-feldspar
K233575	Monzonite porphyry	Biotite K-feldspar
K233625	Monzonite porphyry	Biotite K-feldspar
K233675	Monzonite porphyry	Propylitic
K233725	Monzonite porphyry	Propylitic
K233780	Monzonite porphyry	Propylitic

Table 2.--DATA FOR DDH KAL 30, KALAMAZOO DEPOSIT, ARIZONA

[N=not detected at lower limit of determination shown preceding letter. L=detected but in a concentration less than value shown. 0 B=value not determined]

Sam. ID	Ag ppm s	Al % xrf	As ppm cm	Au ppm s	B ppm s	Ba ppm s	Be ppm s	Bi ppm s	CO2 % inst	Ca % s	Cd ppm s	Ce ppm s	Co ppm s
K300025	1.0	6.4	10	0.02 N	20 N	700	1.5	10 N	0.02	0.20	0.1 N	200 N	5 L
K300075	0.5 N	7.9	10	0.02 L	20 L	700	2.0	10 N	0.15	0.30	0.1 N	200 L	7
K300125	0.5 N	7.9	10	0.02 N	20 N	1000	2.0	10 N	0.25	0.15	0.2	200 N	5
K300175	0.5 N	5.8	10 L	0.02 L	20 N	700	2.0	10 N	0.15	0.20	0.3	200 L	5
K300225	0.5 L	6.8	10 L	0.04	20 N	1000	2.0	10 N	0.25	0.15	0.2	200 N	5
K300285	0.5 N	6.4	10	0.02 L	20 L	700	2.0	10 N	0.30	0.30	0.4	200 L	7
K300325	0.5 N	6.8	10 L	0.02 L	20 N	500	2.0	10 N	0.02	0.15	1.0	200 N	7
K300375	0.5 N	6.8	10	0.02 L	20 N	700	2.0	10 N	0.04	0.20	0.1	200 N	7
K300425	0.5 N	11.0	10	0.02 L	20 N	1500	2.0	10 N	0.80	0.70	0.2	200 L	7
K300475	0.5 N	10.0	10 L	0.02 L	20 L	700	3.0	10 N	0.60	0.30	0.3	200 N	10
K300525	0.5 N	7.4	10 L	0.02 L	20 N	700	2.0	10 N	0.90	0.30	0.3	200 N	5
K300565	0.5 N	10.0	10 N	0.02	20	300	7.0	10 N	1.10	0.70	0.5	200 N	15
K300625	0.5 N	7.4	10 L	0.02 L	20 N	700	1.5	10 N	0.90	0.30	0.3	200 N	7
K300675	0.5 N	7.9	10	0.02 L	20 L	700	2.0	10 N	0.60	0.30	0.3	200 L	7
K300745	0.5 N	5.8	10	0.02 L	20 L	700	2.0	10 N	0.90	0.70	0.9	200 L	20
K300795	0.5 L	5.4	10 N	0.02	20 L	700	3.0	10 N	0.75	0.70	0.2	200 L	15
K300825	0.5 N	6.8	10 L	0.02	20 N	500	1.5	10 N	0.80	0.50	0.7	200 N	10
K300875	0.5 N	7.7	10 L	0.03	20 L	1000	2.0	10 N	0.90	0.70	0.2	200 L	15
K300915	0.5 N	8.5	10	0.02	20 L	1500	2.0	10 N	0.75	1.00	0.5	200 L	15
K300985	0.5 N	7.9	10 N	1.20	20 L	300	3.0	10 N	0.90	0.50	0.1	200 L	7
K301035	0.5 N	6.4	60	0.09	20 L	300	3.0	10 L	1.10	0.70	0.1	200 L	15
K301055	0.5 N	6.8	10 L	0.02 L	20 N	700	2.0	10 N	1.50	1.50	0.3	200 N	7
K301125	0.5 N	6.8	10	0.10	20 N	700	2.0	10 N	0.80	0.70	0.5	200 N	15
K301175	1.0	7.4	10 L	0.03	20 N	700	2.0	10 N	0.80	0.50	0.1 N	200 N	7
K301215	0.5 L	6.2	10 N	0.10	20 L	300	3.0	10	1.20	0.70	0.2	200 L	30
K301255	0.5 N	7.4	10 N	0.02	20 L	500	2.0	10 N	2.10	2.00	0.4	200 L	15
K301325	0.5 N	7.4	10 L	0.09	20 N	500	2.0	10 N	0.80	0.70	0.1 N	200 N	10
K301375	0.5 N	7.4	10 L	0.03	20	700	3.0	10 N	0.90	0.70	0.4	200 L	10
K301425	0.5 L	6.8	10 L	0.02	20	500	3.0	10 N	0.60	0.50	0.1 N	200 L	10
K301475	1.0	6.3	10	0.05	20 L	700	3.0	10 N	0.90	1.00	1.0	200 L	15
K301515	0.5 N	4.7	10 L	0.02 L	20 L	700	1.5	10 N	1.20	0.70	0.4	200 L	7
K301565	0.5 N	6.4	10 N	0.02	20 L	700	2.0	10 N	1.20	1.00	0.7	200 L	7
K301675	0.5 N	7.2	10 N	0.07	20 L	700	3.0	10 N	0.90	0.70	0.5	200 L	7
K301725	0.5 N	6.8	10 L	0.02	20 N	500	2.0	10 N	0.90	0.70	0.3	200 N	7
K301775	0.5 L	6.4	10 L	0.02	20 L	700	3.0	10 N	1.10	0.70	0.5	200 L	20
K301805	0.5 N	5.8	10	0.02	20 L	700	2.0	10 N	1.20	0.70	0.6	200 L	7
K301855	0.5 N	5.8	10 N	0.02	20 L	700	3.0	10 N	1.50	0.70	0.3	200 L	10
K301915	0.5 N	6.8	10	0.02 L	20 L	700	2.0	10 N	0.90	0.70	0.2	200 L	7
K301975	0.5 L	7.2	10 N	0.02 L	20 L	700	1.5	10 N	0.45	0.30	0.2	200 L	10
K302045	0.5 N	6.8	10	0.02 L	20 L	500	2.0	10 N	0.60	0.30	0.5	200 L	7

Table 2.--continued

Sam. ID	Cr ppm s	Cs ppm s	Cu ppm s	F ppm inst	Fe % s	Ga ppm s	Hg ppm aa	K % aa	La ppm s	Li ppm aa	Mg % s	Mn ppm s	Mo ppm s	Na % aa
K300025	5	20 N	150	460	1.5	20	0.05	0.8	50	35	0.3	150	3 N	2.0
K300075	10	20 L	100	590	3.0	20	0.06	3.0	50	40	0.5	200	3 N	2.0
K300125	15	20 L	100	380	1.5	20	0.08	3.6	50	60	0.5	150	3	2.4
K300175	7	20 L	70	720	1.5	20	0.10	2.0	50	30	0.5	150	3 N	1.6
K300225	50	20	200	390	2.0	20	0.26	3.2	50 L	55	0.5	150	3	1.6
K300285	15	20 L	100	250	2.0	15	0.10	2.8	50 L	15	0.7	200	3	1.4
K300325	7	20 N	300	410	2.0	20	0.65	2.6	50 L	30	0.3	200	3	2.0
K300375	10	20 L	200	520	3.0	20	0.15	2.8	50	30	0.5	300	3	1.8
K300425	10	30	150	840	3.0	20	0.12	4.4	70	30	0.7	700	3 N	1.6
K300475	15	20 L	150	680	7.0	30	0.06	4.0	50	45	1.0	500	3	2.4
K300525	10	20 L	150	450	2.0	20	0.07	2.8	50 L	30	0.5	300	3 N	1.6
K300565	15	20 L	150	275	5.0	30	0.02	4.2	50 N	20	0.7	500	3	0.2
K300625	10	20 L	200	570	2.0	20	0.09	3.2	50 L	30	0.5	300	3	1.6
K300675	10	20	200	670	3.0	20	0.04	4.6	50	25	0.7	200	3 N	1.6
K300745	30	20 L	150	275	5.0	20	0.04	2.6	70	15	0.7	500	3	1.0
K300795	10	20 L	200	300	3.0	20	0.18	2.5	50	20	1.0	500	3 L	0.9
K300825	10	20 N	200	500	3.0	20	0.08	2.6	50 L	30	0.7	300	3 N	1.4
K300875	50	20 L	200	350	7.0	30	0.08	3.8	70	25	2.0	700	3	1.4
K300915	70	20 L	150	170	5.0	30	0.04	3.6	50 L	35	2.0	1000	3	0.4
K300985	15	20 L	200	275	7.0	15	0.04	2.6	50 L	35	1.0	500	3	0.2
K301035	10	20 L	700	275	5.0	15	0.04	3.0	50 L	40	0.7	500	3	0.8
K301055	10	20 N	150	530	2.0	20	0.05	2.0	50 L	25	0.5	300	3 N	1.2
K301125	15	20 N	500	710	3.0	20	0.12	2.6	50 L	30	0.7	300	3	1.4
K301175	15	20 L	500	590	2.0	20	0.11	3.0	50 L	30	1.0	200	3 N	1.2
K301215	30	20 L	1500	450	7.0	20	0.14	3.7	70	35	0.7	300	10	0.8
K301255	15	20 L	300	325	7.0	30	0.06	1.8	50 L	30	1.5	1000	3	0.4
K301325	15	20	700	600	5.0	20	0.08	3.2	50 L	40	0.7	300	3 N	1.2
K301375	15	20 L	500	500	3.0	30	0.14	3.7	70	20	1.0	300	10	0.7
K301425	15	20 L	700	425	3.0	30	0.30	3.1	70	20	0.7	200	3	0.4
K301475	15	20 L	500	400	5.0	30	0.12	3.5	70	45	1.5	700	3	0.4
K301515	7	20 N	300	160	2.0	15	0.08	1.8	50 L	20	0.5	300	3	0.4
K301565	15	20 L	500	250	3.0	20	0.20	2.2	50	25	0.7	300	3	0.4
K301675	10	20 L	500	500	3.0	30	0.20	3.7	70	30	0.7	200	3	0.7
K301725	10	20 N	300	590	5.0	20	0.12	3.0	50 L	35	0.5	200	5	1.2
K301775	20	20 N	700	450	7.0	20	0.20	2.5	70	20	0.7	300	7	0.4
K301805	10	20 L	500	250	3.0	20	0.08	2.4	50	30	0.7	300	3	0.4
K301855	10	20 L	300	200	3.0	30	0.08	2.8	50	25	0.7	300	7	0.6
K301915	10	20 L	700	250	2.0	15	0.06	2.6	70	35	0.5	150	3	0.6
K301975	30	20 L	1000	600	3.0	30	0.26	2.8	50 L	25	0.7	100	5	0.5
K302045	30	20 N	300	300	3.0	30	0.14	1.8	50 L	80	0.5	150	3	0.4

Table 2.--continued

Sam. ID	Nb ppm s	Nd ppm s	Ni ppm s	P ppm xrf	Pb ppm s	Rb ppm s	S % inst	Sb ppm cm	Sc ppm s	Se ppm cm	Si % xrf	Sn ppm s
K300025	10 L	70 N	5 L	610	100	100	0.005 L	1 L	7	0.15	31	10 N
K300075	10	70 N	5	650	20	70	0.032	1	10	0.10 L	34	10 N
K300125	10 L	70 N	5 L	570	20	150	0.028	4	10	0.10 L	34	10 N
K300175	10	70	5 L	650	20	100	0.036	1	10	0.15	32	10 N
K300225	10 L	70 N	7	480	20	100	0.016	4	7	0.15	29	10 N
K300285	10	70 L	10	570	20	70	0.010	1	10	0.10 L	26	10 N
K300325	10 L	70 N	5	480	15	70	0.060	1 L	7	0.30	35	10 N
K300375	10	70 N	5	480	50	100	0.032	1 L	10	0.15	32	10 N
K300425	10	100	5	1400	20	200	0.068	1	15	0.95	27	10 N
K300475	10	70	15	960	30	100	0.456	1 L	20	0.25	28	10 N
K300525	10	70 N	5	1000	20	100	0.440	1	10	0.55	33	10 N
K300565	30	0 B	7	1100	15	150	1.700	3	20	0.90	27	10 N
K300625	10	70 N	10	610	20	150	0.620	2	10	0.35	31	10 N
K300675	10	70 N	5	790	70	100	0.332	1 L	15	0.25	31	10 N
K300745	30	70	15	650	50	100	1.100	1	15	0.40	25	10 N
K300795	20	0 B	10	1000	70	70	1.500	1 L	15	1.20	34	10 N
K300825	10	70 N	5	520	50	100	0.676	1 L	10	0.35	33	10 N
K300875	15	0 B	20	1530	30	100	1.830	1 L	15	1.20	29	10 N
K300915	10 L	70 L	20	830	30	70	0.700	3	15	0.30	28	10 N
K300985	15	70 L	7	830	15	150	3.000	2	15	0.60	28	10 N
K301035	20	70	15	650	20	100	2.600	1 L	15	1.40	25	10 N
K301055	10 L	70 N	5 L	440 L	20	100	0.812	1 L	10	0.35	33	10 N
K301125	15	70 N	15	610	20	50	1.780	1 L	10	0.90	30	10 N
K301175	10	70 N	7	650	20	150	1.440	1 L	10	0.65	32	10 N
K301215	30	0 B	70	1220	30	150	4.700	1 L	15	3.30	28	10 N
K301255	20	70	15	1400	30	70	1.100	2	15	0.60	28	10 N
K301325	10	70 N	10	870	20	100	1.440	1 L	15	0.60	31	10
K301375	20	0 B	10	1530	30	150	0.930	1 L	15	1.80	27	10 N
K301425	15	0 B	15	1440	50	150	0.780	1	15	0.80	32	10 N
K301475	20	0 B	15	1130	70	150	1.480	4	30	0.80	32	10 N
K301515	10	70 L	7	440 L	20	70	1.900	1	7	1.00	32	10 N
K301565	15	70	10	440 L	30	100	2.200	1	15	0.80	29	10 N
K301675	20	0 B	10	1090	50	150	1.560	1 L	15	1.20	32	10 N
K301725	15	70 N	5	570	50	70	1.500	1 L	10	0.55	30	10 N
K301775	15	0 B	15	1090	30	100	3.920	1	15	1.20	31	10 N
K301805	10	70	10	440 L	50	70	1.200	1 L	15	0.70	28	10 N
K301855	15	70	70	440 L	50	100	1.200	2	15	0.70	29	10 N
K301915	15	70	10	700	20	70	1.800	1 L	15	0.70	32	10 N
K301975	10	0 B	15	1220	10	100	3.220	1 L	10	1.20	31	10 N
K302045	10 L	70 L	15	480	15	70	2.300	5	10	0.80	29	10 N

Table 2.--continued

Sam. ID	Sr ppm s	Te ppm aa	Ti % s	Tl ppm aa	V ppm s	W ppm s	Y ppm s	Yb ppm s	Zn ppm aa	Zr ppm s	Specific gravity
K300025	100	0.1 N	0.2	0.9	30	100 N	30	3	55	100	2.665
K300075	200	0.1 N	0.3	0.3	70	100 N	30	3	65	70	2.679
K300125	150	0.1 N	0.2	1.0	50	100 N	30	5	55	150	2.649
K300175	150	0.1	0.3	0.6	50	100 N	30	3	95	70	2.669
K300225	150	0.1 L	0.2	0.6	70	100 N	15	2	60	70	2.693
K300285	200	0.2	0.3	0.8	70	100 N	20	3	55	100	2.667
K300325	100	0.1	0.2	0.7	50	100 N	50	5	35	70	2.675
K300375	150	0.1 L	0.3	0.7	70	100 N	50	5	40	100	2.683
K300425	100	0.1 N	0.5	1.2	70	100 N	50	7	65	100	2.721
K300475	100	0.1 N	0.5	0.9	100	100 N	50	0 B	80	150	2.727
K300525	100	0.1 N	0.3	0.7	50	100 N	30	5	40	100	2.708
K300565	50	0.9	0.5	1.6	70	100 N	50	7	20	200	2.847
K300625	100	0.1 N	0.3	0.7	50	100 N	30	5	45	70	2.698
K300675	150	0.1 L	0.5	1.0	70	100 N	70	7	60	150	2.697
K300745	150	1.0	0.5	1.0	150	100 L	70	10	75	200	2.844
K300795	100	0.1 L	0.3	0.9	70	100 N	30	7	70	150	2.694
K300825	100	0.2	0.5	0.6	50	100 N	30	3	75	100	2.693
K300875	200	0.5	0.3	1.0	150	100 N	30	3	100	150	2.723
K300915	200	0.9	0.3	1.1	150	100 N	10	0 B	70	150	2.730
K300985	30	1.5	0.3	0.9	70	100 N	70	7	50	200	2.814
K301035	70	3.5	0.5	0.8	70	100 L	30	5	55	100	2.782
K301055	100	0.1 N	0.2	0.8	50	100 N	30	3	30	100	2.696
K301125	100	0.3	0.2	0.9	70	100 N	30	5	55	200	2.734
K301175	100	0.3	0.3	0.9	70	100 N	30	5	60	70	2.731
K301215	70	2.0	0.3	0.9	70	100 N	30	0 B	50	300	2.853
K301255	150	0.1	1.0	0.9	150	100 N	30	3	75	150	2.811
K301325	100	0.8	0.7	0.9	70	100 N	70	7	65	200	2.748
K301375	100	0.1 N	0.3	1.2	70	100 N	30	7	50	150	2.734
K301425	100	0.5	0.3	1.3	70	100 N	30	7	50	150	2.735
K301475	150	1.0	0.5	0.9	70	100 N	50	7	70	150	2.731
K301515	70	1.2	0.2	0.6	30	100 N	30	5	25	150	2.723
K301565	70	1.1	0.3	0.8	70	100 N	70	7	45	150	2.753
K301675	100	1.5	0.3	1.1	70	100 N	30	7	40	150	2.722
K301725	70	0.1 N	0.3	0.8	50	100 N	50	5	75	100	2.723
K301775	100	0.5	0.3	1.0	70	100 N	30	7	70	300	2.781
K301805	100	1.0	0.3	0.8	70	100 N	30	5	45	150	2.724
K301855	100	1.0	0.3	0.9	70	150	50	7	120	150	2.725
K301915	70	1.2	0.3	0.8	70	100 N	50	5	40	150	2.750
K301975	70	0.1 N	0.2	0.7	50	100 N	15	1.5	20	70	2.807
K302045	100	1.5	0.3	0.4	70	100 N	15	3	40	100	2.766

Table 2.--continued

Sam. ID	Rock Type	Alteration Zone
K300025	Quartz monzonite	Oxidized propylitic
K300075	Quartz monzonite	Oxidized propylitic
K300125	Quartz monzonite	Oxidized propylitic
K300175	Quartz monzonite	Oxidized propylitic
K300225	Quartz monzonite	Oxidized propylitic
K300285	Monzonite porphyry	Oxidized propylitic
K300325	Quartz monzonite	Oxidized propylitic
K300375	Quartz monzonite	Oxidized propylitic
K300425	Quartz monzonite	Oxidized propylitic
K300475	Quartz monzonite	Propylitic
K300525	Quartz monzonite	Propylitic
K300565	Monzonite porphyry	Propylitic
K300625	Quartz monzonite	Propylitic
K300675	Quartz monzonite	Propylitic
K300745	Monzonite porphyry	Propylitic
K300795	Quartz monzonite	Propylitic
K300825	Quartz monzonite	Propylitic
K300875	Monzonite porphyry	Propylitic
K300915	Monzonite porphyry	Propylitic
K300985	Monzonite porphyry	Propylitic
K301035	Quartz monzonite	Propylitic
K301055	Quartz monzonite	Propylitic
K301125	Quartz monzonite	Propylitic
K301175	Quartz monzonite	Propylitic
K301215	Monzonite porphyry	Propylitic
K301255	Monzonite porphyry	Propylitic
K301325	Quartz monzonite	Propylitic
K301375	Monzonite porphyry	Propylitic
K301425	Monzonite porphyry	Quartz-sericite
K301475	Monzonite porphyry	Quartz-sericite
K301515	Monzonite porphyry	Quartz-sericite
K301565	Monzonite porphyry	Quartz-sericite
K301675	Monzonite porphyry	Quartz-sericite
K301725	Quartz monzonite	Quartz-sericite
K301775	Mixture of 2 units	Quartz-sericite
K301805	Mixture of 2 units	Quartz-sericite
K301855	Mixture of 2 units	Quartz-sericite
K301915	Mixture of 2 units	Quartz-sericite
K301975	Mixture of 2 units	Quartz-sericite
K302045	Mixture of 2 units	Quartz-sericite

Table 2.--continued

Sam. ID	Ag ppm s	Al % xrf	As ppm cm	Au ppm s	B ppm s	Ba ppm s	Be ppm s	Bi ppm s	CO2 % inst	Ca % s	Cd ppm s	Ce ppm s	Co ppm s
K302075	0.5 N	7.6	20	0.02 L	20 L	500	1.5	10 N	0.40	0.30	0.2	200 L	15
K302125	0.5 N	6.8	10	0.02 L	20 N	700	2.0	10 N	0.80	0.70	0.1	200 N	7
K302175	0.5 N	6.8	10 L	0.02 L	20 N	500	1.5	10 N	0.80	0.50	0.3	200 L	5
K302225	0.5 N	6.4	10 L	0.02 L	20 N	700	2.0	10 N	0.50	0.30	0.2	200 L	7
K302275	0.5 N	7.4	10	0.02 L	20 N	700	2.0	10 N	0.90	0.70	0.1 N	200 N	5
K302325	0.5 N	7.4	10 L	0.02 L	20 N	500	1.5	10 N	0.15	0.15	0.3	200 L	7
K302375	0.5 N	6.8	10 L	0.02 L	20 N	500	2.0	10 N	0.50	0.20	0.5	200 N	10
K302425	0.5 N	6.8	10	0.02	20 N	500	1.5	10 N	0.60	0.30	0.7	200 N	10
K302475	0.5 N	7.4	10	0.02 L	20 N	700	1.5	10 N	0.25	0.15	0.2	200 L	15
K302525	0.5 N	6.8	10 L	0.02	20 N	300	1.5	10 N	0.90	0.30	0.2	200 N	10
K302575	0.5 N	6.8	10 L	0.02 L	20 N	500	1.5	10 N	0.50	0.15	0.4	200 L	70
K302625	0.5 N	7.9	10 L	0.02	20 N	500	2.0	10 N	0.50	0.30	0.3	200 L	7
K302670	0.5 N	6.8	10	0.02 N	20 N	700	1.5	10 N	0.60	0.20	0.3	200 N	10
K302720	1.5	7.4	400	0.04	20 N	300	1.5	10 N	0.50	0.50	3.3	200 N	10
K302775	0.5 N	7.4	10 L	0.02 L	20 N	700	1.5	10 N	0.60	0.20	0.3	200 L	15
K302825	0.5 N	7.4	10 L	0.02 L	20 N	300	1.5	10 N	0.60	0.30	0.2	200 N	10
K302875	1.0	6.8	10	0.03	20 N	500	1.5	10 N	0.60	0.50	0.4	200	20
K302925	0.5 L	6.8	10 L	0.03	20 N	700	1.5	10 N	0.60	0.20	0.1	200 N	20
K302975	1.0	7.4	10 L	0.03	20 N	500	1.5	10 N	0.80	0.50	0.5	200 L	15
K303025	0.5 L	6.8	10 L	0.02	20 N	500	1.5	10 N	0.80	0.30	0.1 N	200 L	30
K303075	0.5 L	7.4	10 L	0.03	20 N	500	2.0	10 N	0.90	0.70	0.3	200 L	30
K303125	0.5 N	7.4	10	0.02	20 N	700	1.5	10 N	0.25	0.30	0.1	200 N	30
K303175	0.5 N	7.9	10 L	0.03	20 N	500	2.0	10 N	0.80	0.50	0.7	200 L	15
K303225	0.5 L	6.8	10 L	0.03	20 N	700	2.0	10 N	0.80	0.70	0.3	200 L	100
K303275	1.0	7.4	10 L	0.08	20 N	500	1.5	10 N	0.80	0.30	0.5	200 L	15
K303325	3.0	7.4	10 L	0.09	20 N	700	1.5	10 N	1.10	0.50	0.5	200 L	30
K303375	1.0	7.9	10	0.07	20 N	1000	2.0	10 N	0.50	0.50	0.3	200	50
K303425	1.5	7.4	10	0.11	20 N	700	1.5	10 N	2.40	2.00	0.9	200 L	30
K303475	2.0	7.4	10 L	0.11	20 N	700	2.0	10 N	0.50	0.50	0.1 N	200 L	30
K303525	2.0	7.4	10 L	0.08	20 N	700	2.0	10 N	0.60	0.30	0.2	200 L	20
K303575	1.5	6.8	10 L	0.11	20 N	700	2.0	10 N	0.50	0.30	0.3	200 N	20
K303625	2.0	6.8	10	0.10	20 N	1000	2.0	10 N	0.80	0.70	0.6	200 L	20
K303675	15.0	7.4	10 L	0.08	20 N	1000	2.0	10 N	0.80	0.70	0.2	200 N	15
K303725	1.0	7.4	10	0.07	20 N	1000	1.5	10 N	0.60	0.70	0.4	200	15
K303775	7.0	6.4	1200	0.15	20	1500	1.5	10 N	1.10	0.70	25.0	200 N	5
K303825	1.5	6.8	30	0.08	20 N	700	1.5	10 N	1.10	1.00	1.1	200 L	10
K303875	0.5 L	6.8	20	0.04	20	1000	1.5	10 N	0.50	0.30	0.2	200 N	7
K303925	2.0	6.8	10 L	0.06	30	1000	1.5	10 N	0.80	0.50	0.5	200 L	7
K303975	1.5	6.4	20	0.10	20	1000	1.5 N	10 N	0.80	0.50	0.2	200 N	5
K304025	0.5 N	6.8	10	0.04	20	1500	1.5	10 N	0.90	0.50	0.5	200 L	5
K304075	0.5 N	7.4	10 L	0.03	50	1500	1.5	10 N	0.50	0.70	0.3	200 N	5
K304125	0.5 L	5.8	10	0.04	20	1500	1.5 N	10 N	1.10	0.50	0.3	200 L	10
K304180	0.5 N	6.4	10	0.03	20	1500	1.5	10 N	0.90	0.50	0.1 N	200	5 L

Table 2.--continued

Sam. ID	Cr ppm s	Cs ppm s	Cu ppm s	F ppm inst	Fe % s	Ga ppm s	Hg ppm aa	K % aa	La ppm s	Li ppm aa	Mg % s	Mn ppm s	Mo ppm s	Na % aa
K302075	50	20 L	1000	375	3.0	30	0.24	2.5	50 L	55	0.7	100	7	0.2
K302125	10	20 N	500	480	3.0	20	0.18	2.0	50	35	0.5	150	3 N	0.8
K302175	150	20	500	600	3.0	30	0.13	3.2	50	40	0.5	200	5	0.8
K302225	10	20 N	500	540	3.0	20	0.10	3.0	50	30	0.5	150	5	1.0
K302275	7	20 L	500	620	2.0	20	0.10	3.0	50 L	30	0.5	150	10	1.0
K302325	7	20 N	500	460	1.5	20	0.09	3.0	70	25	0.3	50	7	0.6
K302375	20	20 N	1000	660	5.0	20	0.03	2.8	50	25	0.5	100	15	0.8
K302425	10	20 N	700	560	3.0	20	0.12	3.0	50 L	45	0.5	200	15	0.8
K302475	15	20 N	700	640	5.0	20	0.08	2.0	70	40	0.5	70	15	0.6
K302525	15	20 N	1000	480	3.0	20	0.10	3.4	50	50	0.5	150	5	0.8
K302575	20	20 N	700	460	7.0	20	0.07	2.6	70	35	0.3	70	10	0.6
K302625	15	20 N	700	580	3.0	20	0.22	2.8	50	35	0.7	200	3	1.0
K302670	15	20 N	1000	650	3.0	20	0.05	2.2	50	35	0.5	100	10	1.0
K302720	7	20 N	3000	650	5.0	20	0.77	2.0	50	50	0.3	70	3	0.6
K302775	10	20 L	1000	670	3.0	20	0.04	3.6	70	55	0.5	70	10	1.0
K302825	7	20	1000	760	3.0	20	0.06	2.8	50	50	0.3	50	3	0.6
K302875	7	20 L	2000	570	5.0	20	0.10	3.0	100	45	0.3	100	20	0.6
K302925	5	20 L	2000	520	3.0	20	0.05	2.6	50	40	0.3	50	100	1.0
K302975	7	20 N	2000	550	5.0	30	0.03	3.2	70	40	0.5	70	10	0.8
K303025	10	20 N	2000	480	5.0	20	0.15	2.2	70	35	0.5	100	7	0.8
K303075	15	20 N	2000	410	3.0	20	0.06	3.0	70	40	0.7	150	7	0.8
K303125	10	20 L	1500	400	3.0	20	0.04	2.6	50	45	0.5	50	3	0.8
K303175	10	20 N	2000	520	3.0	20	0.06	2.4	70	35	0.7	70	3 N	1.4
K303225	10	20 N	2000	480	5.0	30	0.10	2.8	50	30	0.7	100	5	1.0
K303275	10	20 N	5000	530	3.0	20	0.14	2.6	70	65	0.5	100	70	0.8
K303325	10	20 N	7000	530	2.0	20	0.06	3.2	70	40	0.5	100	3 N	1.2
K303375	15	20 N	3000	370	3.0	20	0.08	3.6	100	30	0.5	100	30	1.0
K303425	20	20 N	7000	370	2.0	15	0.12	1.8	70	40	0.2	300	50	0.6
K303475	15	20 N	10000	580	2.0	20	0.10	4.0	70	30	0.5	100	5	1.4
K303525	10	20 N	10000	460	2.0	20	0.12	3.0	50	30	0.7	70	50	1.2
K303575	10	20 N	7000	420	1.5	20	0.19	4.4	50	30	0.7	100	100	1.4
K303625	15	20 N	10000	310	2.0	20	0.08	4.0	70	30	0.5	150	70	1.6
K303675	10	20 N	7000	580	2.0	20	0.06	3.0	50	35	0.7	150	1000	1.4
K303725	10	20 N	7000	510	2.0	20	0.04	3.4	100	30	0.5	150	50	1.4
K303775	10	20 N	15000	450	1.5	15	0.61	2.2	50 L	35	0.3	150	30	0.6
K303825	10	20 N	5000	420	1.5	20	0.13	2.6	50	45	0.5	100	70	1.0
K303875	10	20 N	3000	370	1.0	20	0.06	2.8	70	50	0.3	70	30	1.0
K303925	10	20 N	5000	430	1.5	20	0.11	3.6	70	55	0.3	50	50	1.0
K303975	7	20 N	5000	380	1.0	15	0.24	2.4	50	55	0.2	70	150	0.8
K304025	7	20 L	1500	370	0.7	15	0.08	3.8	70	120	0.3	50	10	0.6
K304075	10	20 N	3000	350	0.7	20	0.05	4.6	50	160	0.3	100	20	1.2
K304125	7	20 N	3000	320	1.5	15	0.10	4.2	70	95	0.3	50	30	1.0
K304180	10	20 N	1500	340	0.7	15	0.04	2.2	100	100	0.5	70	50	1.0



Table 2.--continued

Sam. ID	Nb ppm s	Nd ppm s	Ni ppm s	P ppm xrf	Pb ppm s	Rb ppm s	S % inst	Sb ppm cm	Sc ppm s	Se ppm aa	Si % xrf	Sn ppm s
K302075	10	0 B	20	1310	10	100	3.230	3	15	1.20	31	10 N
K302125	10	70 N	7	740	30	100	2.040	2	10	0.70	32	10 N
K302175	10	70	7	1700	15	200	2.200	4	10	0.25	29	10 N
K302225	15	70 N	5	570	70	100	1.940	1 L	10	1.10	31	10 N
K302275	10	70 N	5 L	650	30	100	1.770	3	10	0.70	34	10 N
K302325	15	70	5 L	740	10 N	100	1.720	2	10	0.90	32	10
K302375	15	70 N	15	700	20	70	4.020	2	10	2.70	28	10
K302425	10	70 N	7	520	15	50	1.960	6	10	1.02	32	10 L
K302475	10	70	10	610	10	50	2.670	4	15	2.70	30	10 L
K302525	10	70 N	10	870	20	100	2.270	3	10	0.20	30	10
K302575	20	100	30	700	15	50	9.860	10	10	5.90	30	10
K302625	10 L	70 N	10	650	150	70	1.460	2	10	0.85	33	10 L
K302670	10	70 N	7	790	10	100	2.550	4	10	2.80	33	10
K302720	10	70 N	5	1700	10 N	50	5.400	500	10	6.20	31	10 N
K302775	10	70	5	610	10 N	50	2.980	2	15	4.00	31	10 N
K302825	15	70	5	1600	10 N	70	3.400	14	10	3.60	32	10
K302875	10 L	100	5	1000	10	50	4.250	25	15	8.00	32	10
K302925	10	70	5 L	1000	10	100	4.700	1 L	10	12.00	31	10
K302975	10	70	5	1400	10	50	3.330	1	10	4.50	28	10
K303025	15	70	7	830	10	50	4.680	12	15	7.70	31	10 L
K303075	10	70	5 L	1000	10 L	30	3.830	2	15	5.90	30	10 L
K303125	10	70 N	5 L	1000	10 N	70	2.820	1 L	15	4.00	31	10 N
K303175	10	70	5 L	1200	10	30	2.160	2	15	5.00	33	10 N
K303225	10	70	7	790	15	50	4.120	1 L	15	5.90	29	10 N
K303275	10	70	15	1600	10	50	2.280	35	15	4.50	32	10
K303325	10 L	70	7	790	10	50	2.260	1 L	10	5.90	31	10 N
K303375	10	100	10	740	10	30	2.340	1 L	10	5.30	28	10 N
K303425	10 L	70	20	440 L	30	30	1.930	20	10	5.30	30	10 N
K303475	10	70	10	920	15	30	1.880	1 L	15	6.80	33	10
K303525	10	70	7	1300	10	30	1.510	1 L	15	6.20	33	10
K303575	10	70	7	920	10	30	1.760	1 L	15	5.90	34	10 N
K303625	15	70	15	870	15	30	1.490	1	10	6.80	32	10
K303675	10	70 N	15	1200	15	30	1.390	1 L	10	5.90	32	10
K303725	10	100	10	960	15	30	1.070	1 L	15	4.50	34	10 N
K303775	10	70 N	7	700	10	30	2.180	1500	10	7.70	31	10
K303825	10 L	70 N	7	700	15	30	1.300	25	10	3.70	33	10
K303875	10	70 N	5	920	10	30	0.808	12	10	3.20	29	10 N
K303925	10	70	10	870	20	30	1.230	25	10	4.00	35	10 N
K303975	10	70 N	7	790	70	30	1.200	15	10	4.50	35	10 N
K304025	10	70	7	1100	10	30	0.376	10	10	1.80	35	10 N
K304075	10	70 N	10	700	15	30	0.376	9	10	1.40	35	10 N
K304125	10	70	10	440 L	10 N	30	0.500	15	10	1.90	35	10 N
K304180	10	100	7	790	20	50	0.320	4	10	1.90	33	10 N

Table 2.--continued

Sam. ID	Sr ppm s	Te ppm aa	Ti % s	Tl ppm aa	V ppm s	W ppm s	Y ppm s	Yb ppm s	Zn ppm aa	Zr ppm s	Specific gravity
K302075	70	0.1 N	0.3	0.8	150	100 N	15	0 B	30	70	2.791
K302125	100	0.2	0.3	0.7	70	100 N	30	5	45	70	2.736
K302175	70	0.5	0.3	0.7	70	100 N	30	3	30	50	2.764
K302225	100	0.1 N	0.5	0.6	70	100 N	30	5	35	200	2.748
K302275	100	0.1 L	0.3	0.8	50	100 N	30	5	25	150	2.741
K302325	50	0.1 N	0.3	0.5	70	100 N	100	10	10	100	2.771
K302375	50	0.1 N	0.3	0.7	70	100 N	50	5	20	70	2.842
K302425	100	0.1 L	0.3	0.6	70	100 N	50	5	140	100	2.759
K302475	70	0.1 N	0.5	0.6	70	100 N	150	10	30	150	2.788
K302525	70	0.2	0.3	0.7	50	100 N	50	3	95	70	2.780
K302575	50	0.1 N	0.3	0.3	50	150	50	0 B	900	100	2.913
K302625	100	0.3	0.3	0.8	70	100 N	50	5	40	150	2.716
K302670	70	0.1 N	0.3	0.4	70	100 N	50	5	30	100	2.770
K302720	150	0.1	0.2	0.5	70	100 N	50	7	300	200	2.827
K302775	100	0.1 N	0.5	0.6	70	100 N	50	5	15	100	2.753
K302825	100	0.1 N	0.3	0.5	70	100 N	70	7	20	150	2.787
K302875	100	0.1 N	0.3	0.4	70	100 N	50	7	35	200	2.811
K302925	70	0.1 N	0.3	0.4	70	100 N	50	5	15	300	2.822
K302975	100	0.1 N	0.2	0.6	70	100 N	50	7	15	100	2.778
K303025	100	0.1 N	0.3	0.3	70	100 N	50	5	25	100	2.818
K303075	70	0.1 N	0.3	0.5	70	100 N	70	7	20	200	2.796
K303125	100	0.1 N	0.5	0.5	70	100 N	50	5	20	100	2.775
K303175	100	0.1 N	0.3	0.4	70	100 N	50	5	20	100	2.751
K303225	150	0.1 N	0.3	0.5	70	100 N	50	7	20	100	2.777
K303275	100	0.1 N	0.3	0.5	70	100 N	50	5	65	200	2.756
K303325	150	0.2	0.3	0.3	70	100 N	50	5	20	150	2.749
K303375	150	0.1 N	0.3	0.3	100	100 N	30	3	20	150	2.737
K303425	150	0.1 N	0.5	0.4	100	100 N	70	5	135	100	2.721
K303475	100	0.3	0.3	0.3	100	100 N	30	3	30	150	2.721
K303525	100	0.1 L	0.3	0.4	100	100 N	50	7	20	200	2.716
K303575	150	0.2	0.3	0.2 L	70	100 N	50	5	20	150	2.711
K303625	150	0.1 L	0.3	0.3	70	100 N	70	7	20	150	2.690
K303675	150	0.1 L	0.5	0.4	100	100 N	50	7	20	150	2.691
K303725	150	0.3	0.3	0.4	100	100 N	50	5	20	100	2.671
K303775	70	0.1 L	0.3	0.3	70	100 N	30	3	1100	100	2.748
K303825	150	0.1 N	0.2	0.3	70	100 N	50	5	25	100	2.690
K303875	150	0.1 N	0.5	0.3	70	100 N	50	5	15	70	2.673
K303925	150	0.1 N	0.3	0.4	100	100 N	50	5	25	200	2.695
K303975	150	0.1 N	0.3	0.6	50	100 N	50	7	40	100	2.674
K304025	150	0.1 N	0.3	0.2 L	70	100 N	50	5	10	100	2.652
K304075	200	0.1 N	0.3	0.3	70	100 N	70	7	10	70	2.648
K304125	200	0.1 N	0.3	0.3	70	100 N	30	3	20	100	2.650
K304180	200	0.1 N	0.3	0.3	70	100 N	50	5	10	70	2.653

Table 2.--continued

Sam. ID	Rock Type	Alteration Zone
K302075	Mixture of 2 units	Quartz-sericite
K302125	Quartz monzonite	Quartz-sericite
K302175	Quartz monzonite	Quartz-sericite
K302225	Quartz monzonite	Quartz-sericite
K302275	Quartz monzonite	Quartz-sericite
K302325	Quartz monzonite	Quartz-sericite
K302375	Quartz monzonite	Quartz-sericite
K302425	Quartz monzonite	Quartz-sericite
K302475	Quartz monzonite	Quartz-sericite
K302525	Quartz monzonite	Quartz-sericite
K302575	Quartz monzonite	Quartz-sericite
K302625	Quartz monzonite	Quartz-sericite
K302670	Quartz monzonite	Quartz-sericite
K302720	Quartz monzonite	Quartz-sericite
K302775	Quartz monzonite	Quartz-sericite
K302825	Quartz monzonite	Quartz-sericite
K302875	Quartz monzonite	Quartz-sericite
K302925	Quartz monzonite	Quartz-sericite
K302975	Quartz monzonite	Quartz-sericite
K303025	Quartz monzonite	Quartz-sericite
K303075	Quartz monzonite	Quartz-sericite
K303125	Quartz monzonite	Quartz-sericite
K303175	Quartz monzonite	Quartz-sericite
K303225	Quartz monzonite	Quartz-sericite
K303275	Quartz monzonite	Quartz-sericite
K303325	Quartz monzonite	Biotite K-feldspar
K303375	Quartz monzonite	Biotite K-feldspar
K303425	Quartz monzonite	Biotite K-feldspar
K303475	Quartz monzonite	Biotite K-feldspar
K303525	Quartz monzonite	Biotite K-feldspar
K303575	Quartz monzonite	Biotite K-feldspar
K303625	Quartz monzonite	Biotite K-feldspar
K303675	Quartz monzonite	Biotite K-feldspar
K303725	Quartz monzonite	Biotite K-feldspar
K303775	Quartz monzonite	Biotite K-feldspar
K303825	Quartz monzonite	Biotite K-feldspar
K303875	Quartz monzonite	Biotite K-feldspar
K303925	Quartz monzonite	Biotite K-feldspar
K303975	Quartz monzonite	Biotite K-feldspar
K304025	Quartz monzonite	Biotite K-feldspar
K304075	Quartz monzonite	Biotite K-feldspar
K304125	Quartz monzonite	Biotite K-feldspar
K304180	Quartz monzonite	Biotite K-feldspar

Table 3.--DATA FOR DDH KAL 25, KALAMAZOO DEPOSIT, ARIZONA

[N=not detected at lower limit of determination shown preceding letter. L=detected but in a concentration less than value shown. 0 B=value not determined]

Sam. ID	Ag ppm s	Al % xrf	As ppm cm	Au ppm aa	B ppm s	Ba ppm s	Be ppm s	Bi ppm s	CO2 % inst	Ca % s	Cd ppm aa	Ce ppm s	Co ppm s
K250085	0.5 N	4.9	10 N	0.02 N	20 L	500	1.5	10 N	1.2000	3.0	0.2	200 L	10
K250185	0.5 N	4.8	20	0.02 N	20 L	700	2.0	10 N	0.7500	1.5	0.2	200 L	10
K250275	0.5 N	4.8	10 N	0.02 N	20	700	1.5	10 N	0.6000	0.7	0.2	200 N	7
K250380	0.5 N	4.3	10 N	0.02 N	20	700	3.0	10 N	0.3000	0.5	0.2	200 N	5
K250485	0.5 N	4.3	10 N	0.02	20 L	700	7.0	10 N	0.3000	0.7	0.1 N	200 L	7
K250575	0.5 N	4.7	10	0.04	20	700	3.0	10 N	0.3000	0.7	0.1 N	200 L	7
K250685	0.5 N	4.4	10 N	0.02 N	20 L	700	3.0	10 N	0.4500	0.7	0.2	200 L	7
K250785	0.5 N	4.8	10 L	0.02 N	20 L	700	3.0	10 N	0.3000	0.7	0.2	200 L	7
K250875	0.5 N	4.8	10 N	0.02	20	700	3.0	10 N	0.8500	0.7	0.2	200 L	7
K250985	0.5 N	4.7	20	0.02	20 L	1000	1.5	10 N	3.6000	3.0	0.2	200 L	10
K251085	0.5 N	4.5	10 N	0.02 N	20 L	700	2.0	10 N	1.4000	2.0	0.2	200 L	7
K251175	0.5 N	4.4	10 N	0.02	20 L	700	3.0	10 N	0.9000	1.5	0.2	200 L	7
K251280	0.5 N	4.8	10	0.02 N	20	700	3.0	10 N	1.1000	1.0	0.1 N	200 L	10
K251325	0.5 N	5.3	10 N	0.04	50	500	2.0	10 N	1.8000	0.7	0.4	200 L	7
K251385	0.5 N	4.7	10 N	0.02 N	20 L	700	3.0	10 N	2.3000	1.0	0.2	200 L	10
K251435	0.5 N	4.6	10 N	0.02	20 L	500	2.0	10 N	0.9000	0.7	0.2	200 L	7
K251475	0.5 N	4.6	10 N	0.02	20 L	1000	3.0	10 N	1.8000	1.5	0.5	200 L	15
K251535	0.5 N	4.8	10 N	0.02	20 L	700	2.0	10 N	1.8000	1.0	0.2	200 L	10
K251585	0.5 N	5.3	10 N	0.02 N	20 L	300	1.5	10 N	0.7500	0.7	0.4	200 L	15
K251625	0.5 N	4.9	10 N	0.02 N	20 L	500	2.0	10 N	1.2000	1.0	0.2	200 L	7
K251685	0.5 N	4.8	10 N	0.02 N	20 L	1000	1.5	10 N	1.5000	1.0	0.2	200 N	15
K251735	0.5 N	4.6	10 N	0.04	20 L	700	3.0	10 N	1.8000	1.0	0.2	200 N	15
K251775	0.5 N	4.6	10	0.04	20 L	700	1.5	10 N	1.5000	0.7	0.4	200 N	15
K251835	0.7	4.6	10	0.15	20 L	500	1.5	10 N	0.7500	0.5	0.1 N	200 L	15
K251885	0.5 N	4.5	10 N	0.02	20 L	700	3.0	10 N	1.2000	0.7	0.2	200 L	15
K251925	0.5 N	4.2	10 N	0.02	20 L	300	1.5	10 N	1.5000	0.5	0.4	200 L	10
K251975	0.5 N	4.6	10	0.05	20	700	1.5	10 N	0.9000	0.7	0.2	200 L	15
K252035	0.5 N	4.3	10 N	0.02	20 L	700	3.0	10 N	2.1000	0.7	0.2	200 N	15
K252075	0.5 N	3.6	20	0.10	20 L	300	1.5 L	10 L	0.6000	0.2	0.4	200 N	20
K252120	0.5 N	3.8	40	0.04	20 L	500	1.5 N	10 N	1.1000	0.2	1.0	200 N	20
K252180	0.5 N	4.5	10 N	0.02	20 L	300	1.5 L	10 N	0.7500	0.2	0.5	200 L	7
K252250	0.5 N	4.2	80	0.02	20 L	300	1.5	10 N	0.9000	0.3	0.1 N	200 N	20
K252285	0.5 N	5.8	10 N	0.02 N	20 L	500	1.5 N	10 N	0.0003 N	0.1	0.4	200 N	10
K252336	0.5 N	5.8	40	0.04	20 L	300	1.5 N	10 N	0.0003	0.1	0.2	200 N	15
K252375	0.5 N	5.2	10 N	0.02	20 L	500	1.5 N	10 N	0.0020	0.1	0.2	200 N	30
K252426	0.5 N	5.8	20	0.02	20 L	300	1.5 L	10 N	0.0003	0.2	0.4	200 N	20
K252474	0.5 N	6.4	10 N	0.02 N	20 L	300	1.5 N	10 N	0.0003	0.1	0.2	200 L	15
K252525	0.5 N	5.8	30	0.05	20 L	300	1.5 N	10 N	0.0003	0.2	0.2	200 L	30
K252571	0.5	5.3	10 N	0.02	20 L	300	1.5 N	10 N	0.0003	0.1	0.5	200 N	30
K252625	0.5 N	6.4	20	0.02	20 L	500	1.5 L	10 N	0.0200	0.2	0.4	200 N	70

Table 3.--continued

Sam. ID	Cr ppm s	Cs ppm s	Cu ppm s	F ppm inst	Fe % s	Ga ppm s	Hg ppm aa	K % aa	La ppm s	Li ppm aa	Mg % s	Mn ppm s	Mo ppm s	Na % aa
K250085	30	5	30	225	2.0	15	0.18	1.9	50 L	80	1.0	500	3 L	2.3
K250185	20	5	15	325	3.0	15	0.14	2.9	50	55	0.7	500	3	2.0
K250275	20	5 L	10	250	2.0	15	0.08	3.3	50 L	40	0.5	300	3 N	1.9
K250380	10	10	15	500	1.5	15	0.28	2.2	50 L	45	0.3	200	3	1.5
K250485	10	10	10	425	1.0	20	0.30	1.8	50	55	0.5	300	3 N	1.3
K250575	15	10	30	300	1.5	15	0.20	3.3	50 L	50	0.7	300	3 N	1.7
K250685	15	5 L	20	600	2.0	15	0.16	2.5	50 L	50	0.5	300	3 N	1.4
K250785	20	5	30	325	1.5	20	0.14	2.5	50	65	0.7	300	3 N	1.5
K250875	15	5	30	600	2.0	15	0.12	3.2	50	45	0.5	300	3 N	2.0
K250985	70	5	15	600	3.0	15	0.14	2.2	70	55	0.7	700	3 N	2.0
K251085	30	5	30	275	1.5	15	0.24	2.9	50 L	55	0.3	500	3 N	2.0
K251175	30	5	50	190	2.0	20	0.14	2.4	50 L	55	0.7	500	3 N	1.4
K251280	100	5	30	225	5.0	20	0.14	2.4	70	55	0.7	500	20	1.5
K251325	30	7	30	500	1.5	15	0.14	2.9	50 L	70	0.7	300	3 N	1.5
K251385	70	10	150	500	3.0	15	0.14	2.2	50	60	0.7	300	7	1.3
K251435	30	10	100	375	1.5	15	0.24	2.0	50 L	70	0.5	300	3 L	1.2
K251475	70	5	1000	300	5.0	15	0.26	2.4	70	55	0.7	700	20	1.4
K251535	30	7	70	450	3.0	20	0.12	2.3	50	60	0.7	300	3 L	1.5
K251585	30	7	300	225	2.0	15	0.18	1.7	50 L	30	1.0	200	3	2.0
K251625	30	5	100	250	3.0	15	0.14	2.2	50 L	50	0.7	300	3 N	2.0
K251685	30	7	200	200	5.0	15	0.14	2.2	50 L	45	0.7	300	3 N	2.1
K251735	30	5 L	150	300	3.0	20	0.14	1.5	50 L	45	1.0	300	3 N	1.0
K251775	50	5 L	700	425	5.0	15	0.18	2.0	50 L	50	0.7	300	3 N	1.0
K251835	30	7	700	200	3.0	15	0.20	2.7	50 L	35	0.7	150	7	0.7
K251885	30	5	200	700	5.0	20	0.16	2.0	50 L	45	0.7	200	3 N	0.8
K251925	20	5 L	200	275	3.0	15	0.14	2.1	50 L	40	0.3	300	3 L	0.8
K251975	20	7	200	200	3.0	15	0.22	3.2	50 L	45	0.5	300	3	1.3
K252035	30	5	1000	130	5.0	20	0.10	2.0	50 L	45	0.5	300	3	1.0
K252075	15	5	500	170	7.0	15	0.20	1.7	50 N	40	0.3	150	15	0.5
K252120	30	5 L	500	160	10.0	20	0.12	2.1	50 L	40	0.5	100	3 N	0.6
K252180	20	5 L	200	170	3.0	15	0.16	2.6	50 L	35	0.3	100	3	0.5
K252250	20	5 L	150	275	5.0	20	0.08	2.6	50 N	75	0.3	150	3 N	0.6
K252285	30	5 N	1000	100	3.0	20	0.10	3.2	50 L	270	0.2	7	3 N	0.3
K252336	30	5 N	700	200	3.0	20	0.10	2.1	50 L	35	0.3	7	3	0.1
K252375	30	5 L	150	425	7.0	20	0.06	2.2	50 L	20	0.2	10	30	0.2
K252426	30	5 N	150	190	7.0	20	0.08	2.1	50 L	15	0.2	70	3	0.2
K252474	30	5 N	300	300	3.0	15	0.06	2.4	50 L	35	0.2	7	3	0.4
K252525	70	5 N	5000	500	3.0	30	0.06	3.5	50 L	20	0.7	70	30	0.2
K252571	50	5 L	2000	700	5.0	20	0.12	2.4	50 N	50	0.2	7	30	0.2
K252625	70	5 N	1000	400	5.0	20	0.08	1.9	50 L	45	0.3	15	7	0.1

Table 3.--continued

Sam. ID	Nb ppm s	Ni ppm s	P ppm xrf	Pb ppm s	Rb ppm s	S % inst	Sb ppm cm	Sc ppm s	Se ppm aa	Si % xrf	Sn ppm s	Sr ppm s
K250085	10 L	15	1400	15	70	0.030	1 N	15	0.40	29	10 N	500
K250185	15	20	1130	30	100	0.100	1 N	15	0.20	31	10 N	150
K250275	15	15	960	30	100	0.020	1 N	10	0.20	32	10 N	150
K250380	10	10	610	30	100	0.060	1 L	7	0.20	35	10 N	150
K250485	20	10	700	30	100	0.010	1 L	7	0.20	34	10 N	500
K250575	15	15	790	50	150	0.020	1	10	0.20	34	10 N	200
K250685	10	10	960	30	70	0.020	1	7	0.20	34	10 N	150
K250785	20	15	1000	50	70	0.020	1 N	10	0.30	32	10 N	150
K250875	15	15	1000	100	150	0.010	1 L	7	0.30	34	10 N	150
K250985	10	30	1180	30	100	0.020	1 L	10	0.20	29	10 N	300
K251085	10 L	15	1220	15	150	0.020	1 N	7	0.20	29	10 N	300
K251175	10 L	20	960	30	70	0.060	1	10	0.20	33	10 N	150
K251280	20	30	1270	70	70	0.060	1 N	15	0.10	32	10 N	150
K251325	15	15	1180	20	100	0.200	1 N	7	0.20	31	10 N	200
K251385	20	30	1000	30	100	0.500	1 N	10	0.60	31	10 N	150
K251435	10	15	1000	50	100	0.400	1 N	7	3.00	30	10 N	200
K251475	20	30	1440	70	100	0.700	1 N	10	0.60	31	10 N	500
K251535	15	20	1090	30	70	0.600	1 N	10	0.50	30	10 N	150
K251585	10 L	15	1480	20	100	1.600	1 N	7	0.10	29	10 N	300
K251625	10	15	1180	15	100	0.700	1 N	7	0.40	29	10 N	200
K251685	10	20	1130	20	70	1.500	1 L	10	0.80	30	10 N	100
K251735	15	20	870	30	70	1.500	1 N	15	0.80	31	10 N	100
K251775	20	30	1090	30	70	5.200	1 L	7	2.00	29	10 N	200
K251835	10 L	15	1130	10	100	7.100	1 N	7	3.00	29	10 N	200
K251885	10	20	1090	15	150	4.000	1 N	7	1.90	27	10 N	150
K251925	10	15	1090	15	100	8.000	1 N	7	3.00	30	10 N	100
K251975	10 L	15	1090	15	100	5.600	1 N	7	2.20	30	10 N	200
K252035	10 L	20	1180	20	70	4.400	1 L	7	2.20	28	10 N	70
K252075	10 L	20	1350	15	70	22.000	1 N	5	7.40	23	10 N	100
K252120	10 L	30	830	10	70	18.000	1	7	4.00	25	10 N	70
K252180	10 L	15	650	10	100	4.400	1 N	7	3.00	31	10 N	150
K252250	15	20	520	30	100	7.500	1 L	7	3.80	31	10 N	150
K252285	10 L	15	1050	10 N	100	4.000	1 L	7	2.70	30	10 N	150
K252336	10 L	20	830	10 N	70	4.100	1 L	7	3.20	31	10 N	300
K252375	10	20	1400	10 N	70	7.300	1 L	10	2.50	28	10 N	150
K252426	10 L	30	1440	15	50	8.500	1 N	10	5.50	29	10 N	70
K252474	10 L	15	1880	10 N	50	4.400	1	7	6.00	30	10 N	150
K252525	10	30	1480	10 N	50	6.000	1 N	15	6.20	28	15	50
K252571	10 L	50	1480	10 N	50	9.400	1 L	7	6.20	28	10 N	200
K252625	10 L	30	1530	10	70	7.700	1 L	10	7.00	29	10 N	300

Table 3.--continued

Sam. ID	Te ppm aa	Ti % s	Tl ppm aa	V ppm s	W ppm s	Y ppm s	Yb ppm s	Zn ppm aa	Zr ppm s	Specific gravity
K250085	0.5 N	0.2	0.90	70	100 N	15	1.5	45	70	2.677
K250185	0.5 N	0.3	1.25	70	100 N	20	3.0	30	100	2.682
K250275	0.5 N	0.2	1.10	70	100 N	20	3.0	30	70	2.636
K250380	0.5 L	0.3	0.85	50	100 N	15	2.0	10	100	2.586
K250485	0.5 N	0.2	0.85	30	100 N	30	3.0	10	70	2.499
K250575	0.5 N	0.2	1.30	70	100 N	30	5.0	15	70	2.588
K250685	0.5 L	0.2	1.05	70	100 N	30	3.0	20	70	2.621
K250785	0.5 N	0.2	1.30	70	100 N	30	5.0	20	70	2.598
K250875	0.5 L	0.2	1.70	70	100 N	30	3.0	30	70	2.620
K250985	0.5 N	0.3	1.20	70	100 N	30	3.0	20	150	2.635
K251085	0.5 L	0.2	1.60	50	100 N	30	3.0	30	100	2.622
K251175	0.5 N	0.2	1.00	70	100 N	20	2.0	25	200	2.627
K251280	0.5 L	0.3	1.20	70	100 N	20	3.0	30	100	2.643
K251325	0.5 L	0.2	1.65	50	100 N	15	2.0	50	70	2.609
K251385	0.5 N	0.3	1.60	70	100 N	20	3.0	30	100	2.654
K251435	0.5 L	0.2	1.90	70	100 N	15	2.0	45	50	2.625
K251475	0.5 L	0.3	1.05	150	100 L	20	3.0	45	300	2.705
K251535	0.5 N	0.2	1.20	70	100 N	20	3.0	40	150	2.649
K251585	1.0	0.2	1.00	70	100 N	15	1.5	45	70	2.691
K251625	0.5	0.2	1.50	70	100 N	20	3.0	45	70	2.659
K251685	0.5 N	0.3	1.40	70	100 N	15	1.5	30	200	2.693
K251735	0.5 N	0.3	1.15	70	100 N	15	2.0	35	70	2.681
K251775	0.5 N	0.3	0.85	70	100 N	15	3.0	35	150	2.736
K251835	1.0	0.2	1.10	70	100 N	15	1.5	30	70	2.831
K251885	0.5 N	0.2	1.00	70	100 N	15	0.0 B	20	70	2.795
K251925	0.5	0.2	1.25	70	100 N	15	1.5	30	70	2.820
K251975	1.0	0.2	1.25	70	100 N	15	1.5	35	100	2.735
K252035	0.5	0.2	0.90	70	100 N	15	0.0 B	30	70	2.797
K252075	1.0	0.2	0.75	50	100 N	10	0.0 B	35	50	3.198
K252120	1.0	0.2	1.00	70	100 N	10	0.0 B	25	50	3.089
K252180	0.5 L	0.2	1.10	70	100 N	10 L	1.0	15	100	2.812
K252250	0.5 N	0.2	1.10	70	100 N	15	1.5	10	70	2.801
K252285	0.5 L	0.2	0.90	70	100 N	10 L	0.0 B	5 N	70	2.764
K252336	0.5 N	0.3	0.40	70	100 N	10 L	1.0	5 L	70	2.775
K252375	0.5 L	0.3	0.50	100	100 N	15	0.0 B	5 N	150	2.872
K252426	0.5 N	0.3	0.60	70	100 N	10	0.0 B	25	70	2.820
K252474	0.5 L	0.2	0.45	70	100 N	15	1.5	5	70	2.805
K252525	0.5 N	0.3	0.45	150	100 N	15	0.0 B	25	100	2.833
K252571	0.5 N	0.2	0.30	100	100 N	10	0.0 B	5	70	2.938
K252625	0.5	0.3	0.40	150	100 N	10 L	1.0	5 L	100	2.860

Table 3.--continued

Sam. ID	Rock Type	Alteration Zone
K250085	Conglomerate	None
K250185	Conglomerate	None
K250275	Conglomerate	None
K250380	Conglomerate	None
K250485	Conglomerate	None
K250575	Conglomerate	None
K250685	Conglomerate	None
K250785	Conglomerate	None
K250875	Conglomerate	None
K250985	Conglomerate	None
K251085	Conglomerate	None
K251175	Conglomerate	None
K251280	Conglomerate	None
K251325	Monzonite porphyry	Quartz-sericite
K251385	Monzonite porphyry	Quartz-sericite
K251435	Monzonite porphyry	Quartz-sericite
K251475	Monzonite porphyry	Quartz-sericite
K251535	Monzonite porphyry	Quartz-sericite
K251585	Monzonite porphyry	Quartz-sericite
K251625	Monzonite porphyry	Quartz-sericite
K251685	Monzonite porphyry	Quartz-sericite
K251735	Monzonite porphyry	Quartz-sericite
K251775	Monzonite porphyry	Quartz-sericite
K251835	Monzonite porphyry	Quartz-sericite
K251885	Monzonite porphyry	Quartz-sericite
K251925	Monzonite porphyry	Quartz-sericite
K251975	Monzonite porphyry	Quartz-sericite
K252035	Monzonite porphyry	Quartz-sericite
K252075	Monzonite porphyry	Quartz-sericite
K252120	Monzonite porphyry	Quartz-sericite
K252180	Monzonite porphyry	Quartz-sericite
K252250	Monzonite porphyry	Quartz-sericite
K252285	Monzonite porphyry	Quartz-sericite
K252336	Monzonite porphyry	Quartz-sericite
K252375	Monzonite porphyry	Quartz-sericite
K252426	Monzonite porphyry	Quartz-sericite
K252474	Monzonite porphyry	Quartz-sericite
K252525	Monzonite porphyry	Quartz-sericite
K252571	Monzonite porphyry	Quartz-sericite
K252625	Monzonite porphyry	Quartz-sericite



Table 3.--continued

Sam. ID	Ag ppm s	Al % xrf	As ppm cm	Au ppm aa	B ppm s	Ba ppm s	Be ppm s	Bi ppm s	CO2 % inst	Ca % s	Cd ppm aa	Ce ppm s	Co ppm s
K252669	0.5 N	5.2	10 N	0.02	20 L	500	1.5 L	10 N	0.0010	0.1	0.4	200 N	20
K252729	0.5 N	5.8	10 N	0.02 N	20 L	700	1.5 L	10 N	0.0003 N	0.2	0.2	200 L	30
K252774	0.5	5.8	10 N	0.04	20 L	700	1.5	10 N	0.0020	0.2	0.4	200 L	30
K252834	0.7	5.8	10 N	0.05	20 L	700	1.5	10 N	1.5000	1.5	0.1 N	200 N	20
K252874	0.5 N	5.0	10 N	0.10	20 L	700	3.0	10 N	0.3000	1.0	0.2	200 L	15
K252925	0.5 N	5.3	10 N	0.02	20 L	700	1.5 L	10 N	0.6000	0.2	0.1 N	200 L	50
K252975	0.7	4.2	10 N	0.04	20 L	1000	1.5 N	10 N	1.2000	1.0	0.4	200 N	15
K253020	1.0	5.1	10 N	0.10	20 L	1000	1.5 L	10 N	0.0003	0.1	0.1 N	200 L	15
K253067	0.7	5.1	10	0.10	20 L	700	1.5 N	10 N	0.3000	0.3	0.1 N	200 L	15
K253123	0.5 L	5.3	10 N	0.04	20 L	700	1.5 L	10 N	1.5000	1.5	0.2	200 L	15
K253169	0.7	5.1	10 N	0.10	20 L	700	1.5 L	10 N	0.6000	0.5	0.1 N	200 L	15
K253227	0.5 N	5.2	10 N	0.02	20 L	1500	1.5 N	10 N	0.4500	0.3	0.4	200 L	7
K253274	1.0	5.3	10 N	0.15	20 L	700	1.5	10 N	0.7500	0.7	0.1 N	200 L	30
K253318	1.0	4.8	10 N	0.10	20 L	700	1.5	10 N	1.0000	1.0	0.2	200 N	20
K253374	0.5	4.9	10 N	0.05	20 L	700	1.5 N	10 N	1.1000	1.0	0.2	200 N	15
K253425	0.5 N	3.8	10 N	0.02 N	20 L	200	3.0	10 N	0.0003	0.1	0.1 N	200 N	5 N
K253474	0.5 N	4.1	10 N	0.02 N	20 L	70	2.0	10 N	0.0100	0.1	0.2	200 L	5 N
K253525	0.5 N	4.9	10 N	0.02 N	20 L	300	3.0	10 N	0.6000	0.2	0.1 N	200 L	7
K253575	1.0	5.2	10	0.04	20 L	500	3.0	10 N	0.0003	0.2	0.2	200 L	15
K253627	0.5 L	4.8	10	0.04	20 L	300	1.5 N	10 N	1.2000	0.7	0.2	200 N	7
K253676	0.5	5.8	10 N	0.05	20 L	300	1.5 L	10 N	0.7500	0.5	0.2	200 L	10
K253724	0.5 L	4.9	10 N	0.04	20 L	1000	1.5 N	10 N	2.7000	3.0	0.2	200 N	5
K253773	1.0	5.3	10 N	0.10	20 L	700	1.5	10 N	1.1000	1.0	0.2	200 L	10
K253824	0.7	5.3	10 N	0.02	20 L	700	1.5	10 N	0.8500	1.5	0.4	200 L	15
K253875	0.5	5.3	10 N	0.04	20 L	700	1.5 L	10 N	1.1000	1.5	0.1 N	200 N	7
K253930	0.5 N	4.9	10 N	0.02	20	1000	1.5	10 N	1.5000	3.0	0.4	200 L	10
K253974	0.5 L	5.2	10 N	0.02	20 L	1500	1.5	10 N	2.3000	2.0	0.2	200 N	15
K254025	0.7	5.8	10 N	0.02 N	100	200	2.0	10 N	0.1500	0.2	0.2	200 L	10
K254075	0.5 N	4.8	10 N	0.02 N	20 L	1000	1.5 L	10 N	0.7500	2.0	0.2	200 L	10

Table 3.--continued

Sam. ID	Cr ppm s	Cs ppm s	Cu ppm s	F ppm inst	Fe % s	Ga ppm s	Hg ppm aa	K % aa	La ppm s	Li ppm aa	Mg % s	Mn ppm s	Mo ppm s	Na % aa
K252669	30	5 L	700	200	5.0	15	0.18	3.1	50 N	20	0.5	7	20	0.1
K252729	30	5 N	1500	425	3.0	20	0.12	2.6	50 L	25	0.7	15	30	0.2
K252774	30	5	5000	200	3.0	20	0.10	3.2	50 L	40	0.7	50	30	0.2
K252834	30	7	5000	700	1.5	15	0.06	3.1	50 L	20	0.7	300	50	0.5
K252874	30	5 L	200	275	3.0	15	0.08	3.3	50 L	30	0.7	300	3 N	0.2
K252925	15	5 N	2000	200	3.0	15	0.12	3.1	50 L	20	0.5	50	15	0.1
K252975	7	5 L	10000	190	1.5	15	0.06	3.1	70	30	0.3	200	50	0.2
K253020	30	5 L	10000	300	2.0	15	0.06	5.0	50 L	20	0.7	30	100	0.4
K253067	30	5 L	5000	325	1.5	20	0.06	3.0	50	25	0.7	70	50	0.7
K253123	30	5 N	3000	200	3.0	20	0.06	3.3	50	20	1.5	300	70	1.1
K253169	30	5 L	7000	160	1.5	15	0.16	3.6	50 L	15	0.7	150	70	1.2
K253227	15	5 N	1500	250	1.5	15	0.06	2.9	50 L	25	0.7	70	3	1.4
K253274	50	5 N	7000	300	3.0	20	0.02	3.5	50 L	20	1.5	150	50	1.8
K253318	30	5	3000	475	2.0	20	0.06	2.5	50	20	1.0	150	50	1.9
K253374	50	5 N	7000	190	3.0	30	0.08	1.5	50 N	20	1.0	150	30	1.5
K253425	15	5	30	400	0.7	20	0.06	4.6	50 N	55	0.2	100	5	0.6
K253474	5	5	20	325	0.3	15	0.10	3.8	50 L	35	0.1	70	3 N	1.4
K253525	15	5 L	1000	600	2.0	15	0.04	3.2	50 L	35	0.3	100	15	1.3
K253575	30	5	1500	600	3.0	30	0.12	3.0	50	50	0.7	150	200	1.7
K253627	30	5	3000	600	1.5	15	0.02	2.1	50 L	30	0.7	150	15	1.0
K253676	20	5 L	3000	200	1.5	15	0.10	2.0	50 L	30	0.7	150	10	2.4
K253724	30	5 N	3000	190	1.0	20	0.04	4.0	50 L	20	0.7	300	15	1.5
K253773	30	5	5000	475	1.5	20	0.06	3.5	50	25	0.7	200	20	2.2
K253824	30	5 N	2000	100	3.0	20	0.04	1.3	50	35	1.0	150	7	2.8
K253875	30	5 N	1000	160	1.5	15	0.08	1.0	50 N	40	0.7	100	3 L	3.2
K253930	30	5	700	190	1.5	20	0.16	1.5	50 L	55	0.7	150	5	2.2
K253974	30	5 L	1500	170	2.0	15	0.06	1.4	50 L	65	0.7	150	30	1.9
K254025	30	5 L	1000	500	1.5	30	0.06	3.4	50 L	50	0.5	100	7	0.5
K254075	30	5 L	700	150	1.5	15	0.14	1.7	50 L	45	0.7	100	7	2.6

Table 3.--continued

Sam. ID	Nb ppm s	Ni ppm s	P ppm xrf	Pb ppm s	Rb ppm s	S % inst	Sb ppm cm	Sc ppm s	Se ppm aa	Si % xrf	Sn ppm s	Sr ppm s
K252669	10 L	15	1180	10 N	30	7.600	1 N	7	2.20	28	10 N	150
K252729	10 L	20	1400	10	50	3.600	1 L	7	4.00	31	10 N	150
K252774	10 L	20	1130	10 N	70	2.900	1 L	7	3.20	31	10 N	70
K252834	10 L	20	1270	10 L	70	1.800	1 L	7	3.70	31	10 N	150
K252874	10	20	1220	20	50	2.700	1	10	2.50	32	10 N	100
K252925	10 L	15	1660	10 N	50	5.100	1 N	7	8.20	30	10 N	100
K252975	15	20	1090	10	50	1.900	3	10	2.50	35	10 N	70
K253020	10 L	20	1090	15	30	2.000	1 L	7	7.40	30	10 N	100
K253067	10 N	20	1270	10	50	1.900	1 L	10	3.00	30	10 N	150
K253123	10 L	30	1350	10	70	1.700	1 L	10	4.00	29	10 N	70
K253169	10 L	15	1270	10 L	50	1.900	1 N	7	7.40	30	10 N	100
K253227	10 L	15	1220	10 N	50	1.100	1 L	7	2.20	32	10 N	150
K253274	15	30	1440	15	20	1.700	1 L	15	5.00	30	10 N	200
K253318	10 L	20	1050	15	50	0.700	1 L	10	3.50	31	10 N	150
K253374	10 L	30	1270	10	50	1.500	1 L	15	4.60	29	10 N	150
K253425	30	5 L	440 L	30	200	0.020	1 L	5 L	0.10	37	10 N	70
K253474	30	5 N	440 L	15	200	0.010	1 N	5 N	0.10	37	10 N	30
K253525	10	15	650	15	150	2.800	1 L	7	2.20	32	10 N	100
K253575	20	15	740	70	200	1.100	3	7	1.60	32	10 N	70
K253627	10 L	30	1090	10	50	1.400	1 L	7	3.90	33	10 N	150
K253676	10 L	15	1310	10	50	0.700	1 N	7	4.70	32	10 N	300
K253724	10	15	1130	15	50	0.700	1 L	7	3.10	30	10 N	150
K253773	10 L	20	960	10	50	0.800	1	10	4.00	31	10 N	150
K253824	10 L	20	1220	15	30	0.600	3	7	1.00	31	10 N	300
K253875	10 L	15	1270	10	20	0.500	1 N	7	0.90	30	10 N	500
K253930	10 L	15	1270	10	70	0.900	1 N	7	1.30	28	10 N	700
K253974	10 L	20	1130	10	70	0.700	1	7	1.30	30	10 N	150
K254025	10	15	1310	15	150	0.500	4	7	1.00	32	10 N	70
K254075	10 L	15	1610	10 L	30	1.500	1 N	7	1.20	29	10 N	700

Table 3.--continued

Sam. ID	Te ppm aa	Ti % s	Tl ppm aa	V ppm s	W ppm s	Y ppm s	Yb ppm s	Zn ppm aa	Zr ppm s	Specific gravity
K252669	0.5 N	0.2	1.25	100	100 N	10 L	0.0 B	10	70	2.800
K252729	0.5 L	0.3	0.55	70	100 N	10	1.5	5	100	2.775
K252774	0.5 N	0.3	0.55	100	100 N	10	0.0 B	20	70	2.745
K252834	0.5	0.3	0.50	100	100 N	10	0.0 B	5 L	150	2.715
K252874	0.5 N	0.3	0.55	70	100 N	20	3.0	25	100	2.759
K252925	0.5 N	0.2	0.50	70	100 N	10 L	1.0	10	70	2.758
K252975	0.5 N	0.3	0.35	70	100 N	20	3.0	15	150	2.700
K253020	0.5 L	0.2	0.75	70	100 N	10	1.0	25	100	2.707
K253067	0.5 N	0.2	0.55	100	100 N	10	0.0 B	5	70	2.680
K253123	0.5 N	0.3	0.60	150	100 N	10	1.0	15	70	2.751
K253169	0.5 L	0.2	0.70	100	100 N	10	1.0 L	15	50	2.691
K253227	0.5 N	0.2	0.40	70	100 N	10 L	1.0 L	10	70	2.686
K253274	0.5 N	0.3	0.40	150	100 N	10	1.0	15	70	2.642
K253318	0.5 L	0.3	0.55	150	100 N	10 L	1.0	10	70	2.664
K253374	1.0	0.3	0.40	150	100 N	10 L	0.0 B	10	100	2.696
K253425	0.5 N	0.0	3.25	7 L	100 N	20	3.0	5	70	2.600
K253474	0.5 N	0.1	2.50	7 L	100 N	20	3.0	5	70	2.620
K253525	0.5 N	0.2	1.50	50	100 N	15	1.5	35	70	2.719
K253575	0.5 N	0.3	4.20	70	100 N	20	3.0	70	70	2.709
K253627	0.5 L	0.2	0.50	100	100 L	10 L	1.0	5	70	2.736
K253676	0.5 L	0.2	0.70	70	100 N	10 L	1.0 L	15	50	2.640
K253724	0.5	0.2	0.50	150	100 N	10 L	1.0	10	50	2.652
K253773	0.5 L	0.2	0.50	100	100 N	10	1.0	10	50	2.679
K253824	0.5 N	0.2	0.50	100	100 N	10	1.0	25	30	2.694
K253875	0.5 N	0.2	0.20	70	100 N	10 L	1.0 L	30	70	2.676
K253930	0.5 L	0.2	0.55	70	100 N	10 L	1.0 L	40	50	2.705
K253974	0.5 N	0.2	0.75	100	100 N	10	0.0 B	25	70	2.678
K254025	0.5 N	0.2	1.50	70	100 N	10	1.0	60	70	2.757
K254075	0.5 N	0.2	0.55	70	100 N	10	1.0 L	25	30	2.686

Table 3.--continued

Sam. ID	Rock Type	Alteration Zone
K252669	Monzonite porphyry	Quartz-sericite
K252729	Monzonite porphyry	Quartz-sericite
K252774	Monzonite porphyry	Quartz-sericite
K252834	Monzonite porphyry	Quartz-sericite
K252874	Monzonite porphyry	Quartz-sericite
K252925	Monzonite porphyry	Quartz-sericite
K252975	Monzonite porphyry	Quartz-sericite
K253020	Monzonite porphyry	Quartz-sericite
K253067	Monzonite porphyry	Quartz-sericite
K253123	Monzonite porphyry	Quartz-sericite
K253169	Monzonite porphyry	Quartz-sericite
K253227	Monzonite porphyry	Quartz-sericite
K253274	Monzonite porphyry	Biotite K-feldspar
K253318	Monzonite porphyry	Biotite K-feldspar
K253374	Monzonite porphyry	Biotite K-feldspar
K253425	Rhyolite	Biotite K-feldspar
K253474	Rhyolite	Biotite K-feldspar
K253525	Rhyolite	Biotite K-feldspar
K253575	Rhyolite	Biotite K-feldspar
K253627	Monzonite porphyry	Biotite K-feldspar
K253676	Monzonite porphyry	Biotite K-feldspar
K253724	Monzonite porphyry	Biotite K-feldspar
K253773	Monzonite porphyry	Biotite K-feldspar
K253824	Diorite (?)	Propylitic
K253875	Diorite (?)	Propylitic
K253930	Diorite (?)	Propylitic
K253974	Diorite (?)	Propylitic
K254025	Diorite (?)	Propylitic
K254075	Diorite (?)	Propylitic

Table 4.--DATA FOR DDH KAL 37, KALAMAZOO DEPOSIT, ARIZONA

[N=not detected at lower limit of determination shown preceding letter. L=detected but in a concentration less than value shown. 0 B=value not determined]

Sam. ID	Ag ppm s	Al % xrf	As ppm cm	Au ppm aa	B ppm s	Ba ppm s	Be ppm s	Bi ppm s	CO2 % inst	Ca % s	Cd ppm aa	Ce ppm s	Co ppm s
K370025	0.5 N	4.2	20	0.04	20 L	700	3.0	10 N	0.04	0.2	0.4	200 L	7
K370075	0.5 N	6.4	10 N	0.02 N	20	700	3.0	10 N	0.45	0.3	0.4	200 L	10
K370125	0.7	4.7	20	0.02	20 L	700	2.0	10 N	0.15	0.2	0.5	200 L	5
K370175	0.7	3.8	10 N	0.02	20 L	700	3.0	10 N	0.04	0.3	0.4	200 L	15
K370225	1.0	4.0	10 N	0.02 N	20 L	700	2.0	10 N	0.15	0.2	0.4	200 L	10
K370275	0.7	3.3	10	0.02 N	20 L	700	2.0	10 N	0.15	0.2	0.2	200 L	7
K370325	0.5 N	3.7	10 N	0.02 N	20 L	700	2.0	10 N	0.75	0.7	0.2	200 L	7
K370375	0.5 N	4.3	10 N	0.02	20 L	700	3.0	10 N	1.10	0.7	0.4	200 L	7
K370425	0.5 N	3.8	10 N	0.02 N	20 L	700	2.0	10 N	0.45	0.7	0.2	200 L	10
K370475	0.5 N	4.4	10 N	0.02 N	20 L	700	3.0	10 N	0.90	1.0	0.1 N	200 L	10
K370525	0.5 N	4.5	10 N	0.02 N	20 L	1000	3.0	10 N	0.75	1.0	0.2	200 N	7
K370575	0.7	4.6	10 N	0.02 N	20 L	500	3.0	10 N	0.45	0.7	0.2	200 L	15
K370625	3.0	4.2	10 N	0.02 N	20 L	1000	2.0	30	0.75	0.7	0.4	200 N	7
K370675	0.5 N	3.9	10 N	0.02 N	20 L	500	1.5	10 N	0.75	0.5	0.4	200 L	7
K370735	0.5 N	4.2	10 N	0.04	20 L	700	2.0	10 N	0.60	0.5	0.2	200 L	10
K370775	0.5	4.1	10 N	0.02	20 L	700	1.5	10 N	0.45	0.5	0.4	200 L	7
K370825	0.5 N	6.9	10 N	0.02 N	20 L	1500	2.0	10 N	2.30	1.0	0.2	200 L	7
K370885	0.5	3.9	10 N	0.02 N	20 L	700	1.5	10 N	1.10	0.7	0.2	200 L	15
K370925	0.5 N	4.9	10 N	0.20	20 L	700	2.0	10 N	0.75	0.7	0.2	200 L	7
K370975	0.5 N	6.4	10 N	0.02 N	20 L	700	2.0	10 N	1.10	0.7	0.4	200 N	7
K371035	0.5 N	4.0	60	0.35	20 L	700	2.0	10 N	0.90	0.7	0.4	200 L	10
K371075	0.5 N	4.3	10 N	0.02 N	20 L	700	2.0	10 N	0.75	0.7	0.5	200 L	7
K371125	0.5 N	6.4	10 N	0.02	20 L	700	2.0	10 N	0.75	0.7	0.2	700	15
K371185	0.5 N	4.0	10 N	0.02	20 L	700	2.0	10 N	0.90	0.7	0.4	200 N	7
K371225	0.5 N	3.9	10 N	0.02 L	20 L	700	2.0	10 N	0.75	0.7	0.2	200 L	10
K371275	0.5 N	4.1	10 N	0.04	20 L	700	3.0	10 N	0.55	0.7	0.5	200 L	7
K371315	0.5 N	5.8	10 N	0.04	20 L	700	2.0	10 N	0.60	0.7	0.4	200 L	10
K371365	0.5 N	6.4	10 N	0.02 N	20 L	700	2.0	10 N	0.75	0.7	0.2	200 L	10
K371425	0.5 N	4.2	10 N	0.02	20 L	700	1.5	10 N	0.70	0.5	0.5	200 L	7
K371465	0.5 L	4.1	30	0.02 N	20 L	700	2.0	10 N	0.75	0.5	0.4	200 L	10
K371525	0.5 L	4.1	10 N	0.02 N	20 L	700	2.0	10 N	0.60	0.7	0.5	200 L	7
K371575	0.5 N	4.4	10 N	0.02 N	20 L	700	2.0	10 N	0.60	0.5	0.4	200 N	10
K371635	0.5 N	3.7	30	0.02 N	20 L	700	1.5	10 N	0.75	0.3	2.0	200 N	15
K371675	0.5 L	4.1	10 N	0.02 L	20 L	500	2.0	10 N	0.60	0.5	1.0	200 L	10
K371735	0.7	5.3	10 N	0.04	20 L	500	2.0	10 N	0.45	0.3	1.0	300	15
K371785	0.5 N	4.5	10 N	0.02 N	20 L	700	2.0	10 N	0.75	0.7	0.2	200 L	10
K371825	0.5 N	4.1	10 N	0.02 N	20 L	500	1.5	10 N	0.60	0.3	0.4	200 L	7
K371875	0.5 N	4.0	10 L	0.02	20 L	500	3.0	10 N	0.75	0.3	0.4	200 L	20
K371935	0.5 N	6.4	10 N	0.02	20 L	700	2.0	10 N	0.60	0.7	0.4	200 N	10
K371975	0.5 N	4.3	30	0.15	20 L	700	2.0	10 N	0.75	0.5	0.4	200 L	10

Table 4.--continued

Sam. ID	Cr ppm s	Cs ppm s	Cu ppm s	F ppm inst	Fe % s	Ga ppm s	Hg ppm aa	K % aa	La ppm s	Li ppm aa	Mg % s	Mn ppm s	Mo ppm s	Na % aa
K370025	15	5	200	350	3.0	15	0.14	2.9	50	30	0.3	1000	3	0.9
K370075	15	5 L	200	275	5.0	20	0.14	2.7	70	35	0.7	1500	3	1.5
K370125	7	5 L	700	250	2.0	15	0.16	2.9	50 L	15	0.3	300	7	1.4
K370175	15	5	500	275	5.0	15	0.26	2.9	70	15	0.3	500	3	1.0
K370225	30	5	300	275	3.0	15	0.22	3.1	50	20	0.2	300	3	1.0
K370275	15	10	300	275	5.0	15	0.35	2.8	70	20	0.1	300	5	1.1
K370325	30	5	150	225	5.0	15	0.40	3.0	50	20	0.3	500	7	1.4
K370375	15	5 L	150	250	3.0	15	0.18	2.8	70	15	0.7	700	3	1.6
K370425	30	5 L	150	190	5.0	15	0.22	2.6	50 L	20	0.3	700	10	1.5
K370475	15	5 N	70	200	3.0	15	0.10	2.9	70	20	0.7	700	3	1.5
K370525	10	7	70	250	3.0	15	0.14	2.8	50	20	0.7	700	3	1.6
K370575	15	5 L	200	200	5.0	15	0.40	2.5	70	15	0.3	1000	5	1.1
K370625	15	5	150	170	5.0	15	0.20	3.2	50	15	0.5	300	3	1.7
K370675	10	5 N	70	225	3.0	15	0.18	2.6	50	10	0.3	300	3	1.6
K370735	20	5 N	70	225	3.0	20	0.16	2.9	70	15	0.7	200	3	1.6
K370775	20	5 N	70	200	3.0	15	0.16	2.5	70	15	0.7	300	15	1.6
K370825	30	5 L	70	200	3.0	15	0.20	4.0	50 L	20	0.5	500	3	1.8
K370885	20	5	70	140	3.0	15	0.26	3.6	50	20	0.7	300	3 L	1.8
K370925	10	5	30	190	2.0	15	0.14	2.8	50	15	0.7	300	3 L	1.8
K370975	10	5 L	70	250	3.0	15	0.10	2.5	50 L	20	0.7	500	3 L	1.7
K371035	15	5 L	500	190	3.0	15	0.26	1.8	70	20	0.7	300	3 N	1.0
K371075	10	5 N	70	190	2.0	15	0.10	2.5	70	20	0.7	300	3	1.4
K371125	15	5 L	150	225	3.0	15	0.10	2.6	300	20	0.7	700	3	1.6
K371185	15	5 L	150	275	3.0	15	0.12	2.5	70	20	0.7	300	3 N	0.8
K371225	30	5 N	100	160	3.0	15	0.20	3.0	50	20	0.7	300	3	1.2
K371275	15	5 L	150	190	3.0	15	0.10	2.5	70	20	0.5	300	10	1.3
K371315	15	5 L	150	250	3.0	15	0.08	3.6	50	15	0.7	300	3 L	1.8
K371365	15	5 L	150	170	3.0	15	0.10	3.1	50	20	0.5	300	3	1.6
K371425	7	5 L	150	225	2.0	15	0.24	2.2	50 L	15	0.3	200	3	1.1
K371465	7	5 L	150	225	3.0	15	0.14	2.2	70	15	0.7	300	3	0.8
K371525	15	5 L	500	275	3.0	20	0.20	3.3	50 L	20	0.5	200	3	1.4
K371575	10	5 L	300	250	5.0	20	0.14	2.9	50 L	10	0.5	200	3	0.7
K371635	10	5 L	150	325	3.0	15	0.08	2.7	50 L	15	0.3	150	3 N	0.9
K371675	7	5 L	700	325	3.0	15	0.10	3.5	70	20	0.5	150	3 L	0.9
K371735	30	5 L	700	250	7.0	15	0.10	2.9	150	20	0.7	300	3 N	0.7
K371785	10	5 L	150	375	3.0	20	0.06	2.4	50	15	0.7	200	3 N	1.1
K371825	7	7	300	375	3.0	15	0.40	2.0	50	15	0.3	150	3	0.8
K371875	15	5	500	275	7.0	15	0.08	2.9	70	20	0.5	150	3 N	0.8
K371935	7	5 L	700	325	3.0	15	0.08	2.9	50 L	20	0.7	150	3 L	0.9
K371975	20	5 L	300	300	3.0	20	0.08	2.7	70	15	0.7	200	3 N	1.0

Table 4.--continued

Sam. ID	Nb ppm s	Ni ppm s	P ppm xrf	Pb ppm s	Rb ppm s	S % inst	Sb ppm cm	Sc ppm s	Se ppm cm	Si % xrf	Sn ppm s	Sr ppm s
K370025	15	7	1090	30	100	0.050	1 L	10	3.7	34	10 N	150
K370075	20	10	1440	50	100	0.030	4	15	0.3	32	10 N	100
K370125	10	5 L	920	20	100	0.020	2	10	4.5	34	10 N	200
K370175	20	7	1400	50	150	0.030	4	15	3.2	34	10 N	150
K370225	20	7	1130	30	100	0.040	3	15	0.1	34	10 N	150
K370275	15	7	1700	50	100	0.030	3	10	0.8	31	10 N	150
K370325	20	10	1440	30	100	0.050	3	10	3.9	32	10 N	150
K370375	20	10	1270	30	100	0.010	2	15	2.4	31	10 N	150
K370425	20	30	1610	30	100	0.050	2	15	0.1	32	10 N	150
K370475	15	20	1660	30	100	0.050	3	15	0.1	32	10 N	200
K370525	15	15	1400	70	100	0.030	1 L	15	2.9	32	10 N	200
K370575	20	10	1440	30	100	0.050	3	15	0.5	33	10 N	150
K370625	20	15	1180	70	100	0.070	1	15	2.5	33	10 N	200
K370675	10	7	1130	15	100	0.300	1 L	10	1.3	33	10 N	150
K370735	15	15	1310	30	100	0.200	2	15	1.4	33	10 N	150
K370775	10	10	1000	70	100	0.200	1 N	15	0.3	33	10 N	150
K370825	15	20	1610	20	70	0.070	1	10	1.3	31	10 N	300
K370885	15	7	1270	30	100	0.380	1 L	15	0.8	33	10 N	150
K370925	10	7	1270	30	150	0.080	1 L	10	0.6	33	10 N	150
K370975	15	10	1480	20	150	0.200	1 L	15	0.9	32	10 N	200
K371035	20	10	1090	30	100	1.300	1 L	15	1.3	33	10 N	150
K371075	10	7	1130	20	100	0.300	1 N	15	0.3	33	10 N	150
K371125	15	15	1090	30	100	0.400	3	15	0.7	32	10 N	150
K371185	15	7	1270	20	100	1.000	1 L	15	0.7	34	10 N	150
K371225	20	15	1050	30	100	0.700	1 L	15	0.5	32	10 N	150
K371275	20	70	1350	30	70	0.600	2	15	0.4	32	10 N	150
K371315	15	15	1220	50	100	1.000	1 L	15	2.1	29	10 N	150
K371365	15	15	1350	20	150	0.800	1 L	15	0.7	32	10 N	150
K371425	10	5	1090	15	100	2.000	1 N	10	4.7	33	10 N	150
K371465	15	7	1130	50	70	1.900	1 L	10	0.6	34	10 N	100
K371525	15	15	1400	30	100	1.800	1 L	10	0.7	32	10 N	150
K371575	15	10	1310	15	100	3.500	1 L	15	1.2	31	10 N	70
K371635	15	10	1000	15	100	2.500	4	10	0.6	33	10 N	70
K371675	15	7	1400	30	100	2.800	3	15	1.1	33	10 N	70
K371735	20	15	2090	20	100	4.400	1 L	15	0.3	28	10 N	70
K371785	20	10	1700	30	150	1.000	4	15	4.0	31	10 N	150
K371825	10	5	1480	15	150	2.100	1 N	10	6.7	30	10 N	100
K371875	15	10	1130	30	150	5.800	1	10	2.8	29	10 N	70
K371935	15	7	1610	1000	100	1.900	1 L	15	1.9	31	10 N	100
K371975	15	10	1310	30	150	1.800	1	15	5.5	33	10 N	150



Table 4.--continued

Sam. ID	Te ppm aa	Ti % s	Tl ppm aa	V ppm s	W ppm s	Y ppm s	Yb ppm s	Zn ppm aa	Zr ppm s	Specific gravity
K370025	0.5	0.30	1.1	70	100 N	30	3.0	65	200	2.699
K370075	0.5 L	0.30	0.9	70	100 N	30	0.0 B	100	100	2.713
K370125	0.5 N	0.20	0.8	50	100 N	30	3.0	65	70	2.662
K370175	0.5 L	0.50	0.8	100	100 N	50	7.0	55	300	2.721
K370225	0.5 N	0.30	1.0	70	100 N	50	7.0	45	200	2.700
K370275	0.5 N	0.30	0.9	70	100 N	30	5.0	45	200	2.776
K370325	0.5 L	0.30	0.7	150	100 L	50	7.0	50	200	2.725
K370375	0.5 L	0.30	0.9	70	100 N	20	5.0	70	100	2.682
K370425	0.5 N	0.30	0.8	150	100 L	30	5.0	15	100	2.754
K370475	0.5 N	0.50	0.8	70	100 L	30	5.0	15	70	2.698
K370525	0.5 N	0.30	1.0	70	100 N	15	3.0	55	70	2.689
K370575	0.5 N	0.30	0.8	70	100 L	50	7.0	45	200	2.708
K370625	0.5 N	0.30	0.9	70	100 L	30	7.0	50	200	2.704
K370675	0.5 N	0.30	0.7	70	100 N	30	5.0	60	100	2.699
K370735	0.5 L	0.30	0.7	70	150	30	5.0	55	70	2.707
K370775	0.5 L	0.30	0.7	70	150	30	5.0	65	200	2.686
K370825	0.5 N	0.30	0.7	100	100 L	20	3.0	50	100	2.659
K370885	0.5 N	0.30	0.7	70	100 N	50	7.0	100	200	2.678
K370925	0.5 L	0.15	0.8	70	100 N	30	3.0	40	150	2.657
K370975	0.5 L	0.30	1.0	70	100 N	30	3.0	50	100	2.680
K371035	0.5 L	0.50	0.8	70	100 N	30	5.0	65	300	2.731
K371075	0.5 N	0.30	1.0	70	100 N	30	5.0	90	100	2.678
K371125	1.0	0.30	0.6	70	100 L	50	5.0	55	150	2.673
K371185	0.5	0.30	0.9	70	100 N	20	5.0	45	150	2.693
K371225	0.5	0.30	0.9	70	100 L	50	7.0	55	150	2.700
K371275	0.5	0.30	0.9	70	100 N	30	7.0	50	300	2.683
K371315	1.0	0.30	0.8	70	100 L	30	5.0	65	100	2.700
K371365	1.0	0.30	0.7	70	100 N	30	3.0	55	150	2.696
K371425	0.5	0.20	0.6	70	100 N	15	3.0	40	70	2.731
K371465	0.5	0.30	0.9	50	100 N	15	3.0	70	100	2.701
K371525	0.5 N	0.30	0.6	70	100 L	30	5.0	10	150	2.716
K371575	0.5	0.30	0.9	70	100 N	20	5.0	45	200	2.793
K371635	0.5	0.30	0.6	70	100 N	20	3.0	130	100	2.724
K371675	1.0	0.30	0.7	70	100 N	50	5.0	85	200	2.764
K371735	1.5	0.30	0.6	70	100 L	50	0.0 B	80	500	2.874
K371785	1.0	0.30	0.9	70	100 N	30	5.0	30	200	2.704
K371825	0.5 L	0.30	0.8	50	100 N	30	5.0	40	100	2.758
K371875	1.5	0.30	0.9	70	100 N	30	0.0 B	40	70	2.850
K371935	1.0	0.30	0.5	70	100 N	30	5.0	40	150	2.732
K371975	0.5	0.30	0.9	70	100 N	20	3.0	35	100	2.718

Table 4.--continued

Sam. ID	Rock Type	Alteration Zone
K370025	Quartz monzonite	Oxidized propylitic
K370075	Quartz monzonite	Oxidized propylitic
K370125	Quartz monzonite	Oxidized propylitic
K370175	Quartz monzonite	Oxidized propylitic
K370225	Quartz monzonite	Oxidized propylitic
K370275	Quartz monzonite	Oxidized propylitic
K370325	Quartz monzonite	Oxidized propylitic
K370375	Quartz monzonite	Oxidized propylitic
K370425	Quartz monzonite	Oxidized propylitic
K370475	Quartz monzonite	Propylitic
K370525	Quartz monzonite	Propylitic
K370575	Quartz monzonite	Propylitic
K370625	Quartz monzonite	Propylitic
K370675	Quartz monzonite	Propylitic
K370735	Quartz monzonite	Propylitic
K370775	Quartz monzonite	Propylitic
K370825	Monzonite porphyry	Propylitic
K370885	Quartz monzonite	Propylitic
K370925	Quartz monzonite	Propylitic
K370975	Quartz monzonite	Propylitic
K371035	Quartz monzonite	Propylitic
K371075	Quartz monzonite	Propylitic
K371125	Quartz monzonite	Propylitic
K371185	Quartz monzonite	Propylitic
K371225	Quartz monzonite	Propylitic
K371275	Quartz monzonite	Propylitic
K371315	Quartz monzonite	Propylitic
K371365	Quartz monzonite	Propylitic
K371425	Quartz monzonite	Propylitic
K371465	Quartz monzonite	Propylitic
K371525	Quartz monzonite	Propylitic
K371575	Quartz monzonite	Propylitic
K371635	Quartz monzonite	Propylitic
K371675	Quartz monzonite	Propylitic
K371735	Quartz monzonite	Propylitic
K371785	Quartz monzonite	Propylitic
K371825	Quartz monzonite	Propylitic
K371875	Quartz monzonite	Propylitic
K371935	Quartz monzonite	Propylitic
K371975	Quartz monzonite	Propylitic

Table 4.--continued

Sam. ID	Ag ppm s	Al % xrf	As ppm cm	Au ppm aa	B ppm s	Ba ppm s	Be ppm s	Bi ppm s	CO2 % inst	Ca % s	Cd ppm aa	Ce ppm s	Co ppm s
K372025	0.5 N	6.9	10 L	0.02	20 L	700	3.0	10 N	1.10	0.7	0.4	200 L	10
K372085	0.5 N	4.0	10	0.02 N	20 L	700	3.0	10 N	1.10	0.7	0.5	200 L	15
K372125	0.5 N	6.9	10 N	0.02 N	20 L	700	3.0	10 N	0.75	0.7	0.4	200 L	15
K372175	0.5 N	4.1	10 N	0.02	20	500	3.0	10 N	0.75	0.7	0.4	200 L	15
K372235	0.5 N	3.9	10 N	0.02 N	20 L	500	2.0	10 N	0.70	0.5	0.4	200 L	10
K372275	0.5 N	6.4	10 L	0.02 N	20 L	500	1.5	10 N	0.75	0.5	0.2	200 L	15
K372325	0.5 N	4.1	10 N	0.02 N	20 L	500	1.5	10 N	0.90	0.5	0.1 N	200 L	10
K372375	0.5 N	4.0	10 N	0.02 N	20 L	500	2.0	10 N	0.70	0.3	0.5	200 L	10
K372425	0.5 N	4.5	10 N	0.02 N	20 L	700	2.0	10 N	0.90	0.5	0.4	200 L	7
K372475	0.5 L	3.9	20	0.02 N	20 L	700	1.5	10 N	0.75	0.3	0.4	200 L	7
K372535	0.5 N	4.2	10 N	0.02	20	700	3.0	10 N	0.85	0.7	0.2	200 L	10
K372575	0.5 L	4.8	10 N	0.02 N	20 L	500	3.0	10 N	0.90	0.7	0.4	200 L	10
K372625	0.5 N	4.0	10 N	0.02	20 L	500	1.5	10 N	0.85	0.5	0.2	200 L	7
K372665	0.5 N	4.1	10 N	0.02 N	20 L	500	2.0	10 N	0.75	0.5	0.2	200 L	10
K372725	0.5 N	4.2	10 N	0.02 N	20 L	700	1.5	10 N	0.90	0.7	0.4	200 L	10
K372775	0.5 N	6.4	10	0.02 N	20 L	700	1.5	10 N	0.75	0.5	0.1 N	200 L	7
K372825	0.5 N	4.4	10 N	0.02 N	20	500	2.0	10 N	0.65	0.5	0.2	200 L	15
K372875	0.5 N	4.6	10 N	0.02	20 L	500	1.5	10 N	0.30	0.2	0.1 N	200 L	10
K372925	0.5 L	4.2	10 N	0.02 N	20 L	300	1.5	10 N	0.60	0.2	0.1 N	200 L	15
K372975	0.5 N	3.9	10 N	0.02 N	20 L	300	2.0	10 N	0.75	0.2	0.1 N	200 L	10
K373025	0.5 L	4.1	10	0.02 N	20 L	700	2.0	10 N	0.90	0.7	0.2	200 L	15
K373075	0.5 N	5.8	10 N	0.02 N	20 L	700	1.5	10 N	0.60	0.2	0.4	200 L	15
K373135	0.5 N	4.1	10 N	0.02 N	20 L	500	1.5	10 N	0.75	0.3	0.4	200 L	15
K373175	0.5 N	4.2	30	0.02 N	20 L	700	3.0	10 N	0.75	0.7	0.2	200 L	10
K373225	0.5 N	4.7	10 N	0.02 N	20 L	500	2.0	10 N	0.60	0.5	0.5	200 L	15
K373275	0.5 N	4.0	10 N	0.02 N	20 L	500	2.0	10 N	0.75	0.7	0.4	200 L	15
K373335	0.5 N	4.2	10 N	0.02 N	20 L	500	1.5	10 N	0.75	0.5	0.5	200 L	15
K373375	0.5 N	6.4	10	0.02 N	20 L	500	2.0	10 N	0.90	0.5	1.0	200 L	15
K373428	0.5 N	7.9	10	0.02 N	20 L	700	1.5	10 N	0.75	1.5	0.4	200 L	15
K373475	0.5 N	5.3	10 N	0.02 N	20 L	500	1.5	10 N	0.90	1.0	0.5	200 N	15
K373525	0.5 L	4.7	10 N	0.02	20 L	700	3.0	10 N	1.10	0.7	0.2	200 L	15
K373576	0.5 N	4.7	10 N	0.02 N	20 L	700	2.0	10 N	0.60	0.7	0.4	200 L	20
K373623	0.5	7.4	10 L	0.02 N	20 L	700	2.0	10 N	1.20	0.7	0.4	200 L	15
K373675	0.5 N	6.9	10	0.02 N	20 L	700	1.5	10 N	0.75	0.5	0.1 N	200 L	15
K373728	0.7	4.7	10 N	0.02 N	20 L	500	2.0	10 N	0.45	0.3	1.0	200 L	20
K373771	0.5 N	5.8	10 N	0.02 N	20 L	700	1.5	10 N	0.45	1.0	0.4	200 L	7
K373825	0.5 L	6.9	10 N	0.02 N	20 L	500	2.0	10 N	1.20	1.0	0.4	200 L	30
K373875	0.5	4.6	10 N	0.02	20 L	700	1.5	10 N	0.90	0.3	0.4	200 L	30
K373926	0.7	4.7	10	0.02	30	700	1.5	10 N	0.30	0.2	0.4	200 L	15
K373971	0.5	7.4	20	0.02	20 L	1000	1.5	10 N	0.90	0.7	0.4	200 L	15

Table 4.--continued

Sam. ID	Cr ppm s	Cs ppm s	Cu ppm s	F ppm inst	Fe % s	Ga ppm s	Hg ppm aa	K % aa	La ppm s	Li ppm aa	Mg % s	Mn ppm s	Mo ppm s	Na % aa
K372025	10	5 L	700	350	3.0	20	0.10	3.0	70	25	0.7	150	5	1.3
K372085	30	7	300	225	5.0	20	0.26	3.2	50	20	0.5	200	3 L	1.0
K372125	30	5 L	700	275	3.0	20	0.08	3.1	50 L	25	0.7	300	3 N	1.5
K372175	15	10	300	275	3.0	20	0.30	2.8	70	25	0.5	200	3 L	0.8
K372235	10	10	700	200	3.0	15	0.18	3.0	50 L	25	0.5	200	3 N	0.9
K372275	15	5 L	700	225	3.0	15	0.10	3.6	70	25	0.5	200	3	1.0
K372325	20	5	500	275	2.0	15	0.12	3.0	50 L	25	0.5	200	3 L	0.9
K372375	7	5	500	160	3.0	20	0.28	2.8	70	20	0.3	200	3 N	0.6
K372425	15	5	1000	275	3.0	15	0.10	3.4	50	25	0.7	200	3 N	0.7
K372475	30	5 L	700	300	3.0	15	0.12	2.6	50	25	0.3	150	3 L	0.5
K372535	20	5	500	225	5.0	30	0.28	2.3	70	25	0.7	200	3 N	1.0
K372575	7	5 N	1000	300	3.0	20	0.10	2.5	70	30	0.3	150	3 L	0.5
K372625	30	5	500	275	2.0	15	0.10	3.2	50 L	25	0.5	150	3	1.1
K372665	15	5 L	300	170	5.0	20	0.10	2.8	70	20	0.5	100	3	0.7
K372725	10	5	700	250	3.0	15	0.08	2.7	70	15	0.7	150	3 N	0.7
K372775	7	5 L	500	250	3.0	15	0.06	2.5	50 L	30	0.7	150	3 N	0.6
K372825	15	5	500	250	5.0	20	0.26	3.0	70	15	0.5	150	5	0.6
K372875	10	5 L	200	300	3.0	15	0.08	2.6	50 L	25	0.3	70	3	0.2
K372925	10	5 N	200	250	3.0	15	0.06	2.0	70	25	0.3	70	7	0.3
K372975	15	5 L	300	200	3.0	15	0.08	1.8	50	25	0.3	100	3	0.5
K373025	30	5 L	700	275	5.0	20	0.12	2.0	70	35	0.7	150	3	0.3
K373075	30	5 L	500	300	5.0	15	0.08	2.8	70	20	0.5	70	3	0.4
K373135	15	5 N	300	255	5.0	15	0.08	2.8	70	20	0.3	100	7	0.4
K373175	15	5 L	700	300	3.0	20	0.08	1.9	70	25	0.7	150	3	0.5
K373225	15	5 L	300	300	7.0	15	0.30	2.3	70	20	0.5	150	3 L	0.6
K373275	30	7	700	300	3.0	15	0.08	2.2	70	30	0.7	100	7	0.6
K373335	20	5	1000	325	3.0	15	0.08	2.8	70	25	0.5	150	5	0.9
K373375	20	5	500	180	5.0	15	0.12	3.1	70	25	0.7	150	3	0.9
K373428	50	5 L	1000	400	3.0	15	0.08	1.8	50 L	50	1.5	150	3	1.8
K373475	70	5	500	400	3.0	20	0.16	1.9	50 N	65	2.0	150	3 L	1.0
K373525	15	5 L	1500	275	2.0	15	0.06	3.7	50	25	0.7	100	70	1.3
K373576	15	5	1500	275	3.0	20	0.18	3.2	50 L	30	0.7	100	3	1.7
K373623	7	5	2000	170	2.0	15	0.08	3.3	70	30	1.0	150	30	0.5
K373675	7	5	1500	300	3.0	15	0.02	2.9	70	25	0.7	70	3 N	0.9
K373728	7	5	5000	225	3.0	15	0.08	3.3	50	30	0.7	70	10	0.5
K373771	30	5	500	275	3.0	15	0.20	2.3	50 L	50	1.5	150	3	2.3
K373825	15	5 L	1500	350	3.0	15	0.08	2.1	70	55	0.7	150	3	0.7
K373875	5	5 L	2000	200	2.0	15	0.20	3.3	70	50	0.3	70	10	1.0
K373926	7	5 L	2000	225	1.5	15	0.28	2.0	50	90	0.3	30	300	0.1
K373971	30	5 L	5000	300	3.0	20	0.06	3.4	50 L	55	1.0	150	70	1.6

Table 4.--continued

Sam. ID	Nb ppm s	Ni ppm s	P ppm xrf	Pb ppm s	Rb ppm s	S % inst	Sb ppm cm	Sc ppm s	Se ppm cm	Si % xrf	Sn ppm s	Sr ppm s
K372025	20	15	2180	15	100	2.200	1	15	2.8	30	10 N	100
K372085	20	15	1400	20	150	1.800	1 N	15	0.7	32	10 N	100
K372125	20	15	1610	20	150	1.800	1	15	0.1	32	10 N	150
K372175	15	10	1530	20	150	2.500	1 L	15	0.5	31	10 N	100
K372235	15	10	960	700	150	2.100	1 N	15	0.8	35	10 N	70
K372275	20	7	1880	70	150	2.100	2	15	0.2	30	10 N	100
K372325	20	10	1270	70	150	1.700	2	15	0.7	33	10 N	100
K372375	20	7	1090	30	150	1.800	1 N	10	1.8	36	10 N	70
K372425	20	7	1090	20	150	2.200	1 L	15	2.8	32	10 N	100
K372475	10 L	10	830	15	100	2.400	20	15	1.5	33	10 N	70
K372535	30	15	1570	20	100	2.000	5	15	0.2	32	10 N	100
K372575	15	10	1530	70	100	2.000	30	15	1.1	32	10 N	70
K372625	10	7	1530	15	100	2.500	3	7	0.2	32	10 N	100
K372665	15	15	1660	15	100	2.000	2	15	1.3	31	10 N	70
K372725	15	15	1610	15	100	3.500	2	15	0.9	32	10 N	70
K372775	15	7	1400	200	100	3.000	2	15	0.5	34	10 N	70
K372825	20	10	1090	15	150	5.600	1	15	0.6	32	10 N	70
K372875	15	10	1130	15	100	3.900	2	10	2.3	31	10 N	30
K372925	20	15	790	15	70	3.500	4	10	2.2	34	10 N	30
K372975	15	10	1350	20	100	3.600	3	10	2.3	34	10 N	30
K373025	15	20	1440	10	100	3.100	4	15	2.1	32	10 N	70
K373075	15	15	1400	1000	70	6.400	3	15	0.3	30	10 N	30
K373135	15	10	1530	15	100	4.600	2	10	0.8	31	10 N	30
K373175	15	10	1310	15	100	3.000	1	15	1.0	34	10 N	70
K373225	20	15	1400	70	100	7.200	1	15	0.7	31	10 N	70
K373275	20	15	1570	50	100	4.600	3	15	3.4	30	10 N	70
K373335	20	15	1790	20	70	3.800	3	15	2.4	31	10 N	100
K373375	15	20	1610	100	100	4.100	3	15	0.7	29	10 N	150
K373428	10 L	30	1660	10	50	1.500	1 L	10	0.1	29	10 N	500
K373475	10 L	30	1790	10	70	2.400	1 L	10	1.2	27	10 N	300
K373525	15	7	1750	20	100	2.600	1	15	3.9	31	10 N	150
K373576	10	7	2140	20	50	1.800	1 N	15	0.9	31	10 N	200
K373623	15	5	1480	15	70	1.800	5	15	0.1	30	10 N	150
K373675	15	7	1660	10	70	2.900	1 L	15	0.2	31	10 N	100
K373728	15	7	1610	15	70	3.300	2	15	6.2	32	10 N	70
K373771	10 L	15	1570	10 L	100	1.300	1 N	7	0.6	28	10 N	700
K373825	15	10	1960	10 N	70	3.000	1 L	15	0.4	30	10 N	70
K373875	10	5 L	1660	15	70	2.300	1 N	10	0.6	31	10 N	150
K373926	10	5	1530	10	70	2.100	20	15	15.8	33	10 N	70
K373971	10 L	20	1400	10	50	1.900	1 L	15	0.3	31	10 N	300

Table 4.--continued

Sam. ID	Te ppm aa	Ti % s	Tl ppm aa	V ppm s	W ppm s	Y ppm s	Yb ppm s	Zn ppm aa	Zr ppm s	Specific gravity
K372025	1.5	0.50	0.9	70	100 N	30	7.0	25	200	2.756
K372085	0.5 N	0.50	0.8	70	200	50	7.0	30	100	2.748
K372125	0.5	0.30	0.8	70	100 N	30	5.0	45	70	2.721
K372175	1.0	0.30	0.8	70	100 N	30	7.0	30	150	2.752
K372235	0.5 L	0.30	1.0	50	100 N	30	5.0	35	70	2.724
K372275	1.0	0.30	0.9	70	100 N	50	7.0	30	150	2.761
K372325	0.5 N	0.30	0.9	70	100 L	70	7.0	70	150	2.733
K372375	0.5 N	0.30	0.8	50	100 N	30	7.0	35	50	2.715
K372425	0.5	0.30	0.8	70	100 N	15	3.0	30	70	2.736
K372475	0.5	0.30	0.9	50	100 N	30	7.0	50	150	2.758
K372535	0.5 N	0.50	0.7	70	100 N	30	7.0	30	300	2.739
K372575	0.5 L	0.30	0.6	70	100 N	70	7.0	50	100	2.784
K372625	0.5 L	0.20	0.7	50	100 N	30	5.0	25	70	2.745
K372665	1.0	0.30	0.6	70	100 L	50	7.0	50	200	2.818
K372725	0.5 L	0.30	0.6	70	100 N	30	7.0	15	70	2.798
K372775	0.5 L	0.30	0.7	70	100 N	30	7.0	70	200	2.759
K372825	0.5 L	0.30	0.6	70	100 N	50	7.0	15	200	2.819
K372875	0.5 N	0.30	0.4	70	100 N	30	3.0	5	70	2.824
K372925	0.5 N	0.30	0.5	70	100 N	70	7.0	20	30	2.798
K372975	0.5 L	0.30	0.4	70	100 L	50	5.0	20	70	2.790
K373025	0.5 N	0.30	0.8	100	100 L	20	5.0	25	150	2.797
K373075	0.5 L	0.20	0.3	70	100 N	30	7.0	10	150	2.870
K373135	0.5 N	0.30	0.3	70	100 N	30	7.0	50	150	2.836
K373175	0.5 L	0.30	0.5	70	100 N	50	7.0	20	150	2.795
K373225	0.5 N	0.30	0.5	70	100 N	50	7.0	25	200	2.874
K373275	0.5 N	0.30	0.6	70	100 L	70	7.0	25	150	2.814
K373335	0.5 N	0.30	0.4	70	100 L	50	7.0	5	150	2.810
K373375	0.5	0.30	0.5	70	100 L	30	3.0	40	70	2.811
K373428	0.5 N	0.30	0.4	100	100 N	15	1.0	20	100	2.749
K373475	0.5 N	0.30	0.4	150	100 N	15	1.5	65	70	2.764
K373525	0.5 N	0.30	0.5	70	100 N	30	5.0	15	100	2.699
K373576	0.5 N	0.30	0.4	70	100 N	30	5.0	15	150	2.679
K373623	0.5 L	0.30	0.4	70	100 N	15	3.0	10	200	2.711
K373675	0.5 N	0.30	0.3	70	100 N	50	7.0	5	200	2.766
K373728	0.5 N	0.30	0.3	70	100 N	30	3.0	15	100	2.789
K373771	0.5 L	0.20	0.7	100	100 N	10	1.5	25	100	2.717
K373825	0.5 N	0.30	0.2 N	70	100 N	50	7.0	15	150	2.783
K373875	0.5 N	0.20	0.5	70	100 N	30	5.0	15	100	2.675
K373926	0.5 N	0.20	0.3	70	100 N	30	5.0	30	150	2.753
K373971	0.5 N	0.30	0.4	100	100 N	15	1.5	15	200	2.702

Table 4.--continued

Sam. ID	Rock Type	Alteration Zone
K372025	Quartz monzonite	Propylitic
K372085	Quartz monzonite	Propylitic
K372125	Quartz monzonite	Propylitic
K372175	Quartz monzonite	Propylitic
K372235	Quartz monzonite	Propylitic
K372275	Quartz monzonite	Quartz-sericite
K372325	Quartz monzonite	Quartz-sericite
K372375	Quartz monzonite	Quartz-sericite
K372425	Quartz monzonite	Quartz-sericite
K372475	Quartz monzonite	Quartz-sericite
K372535	Quartz monzonite	Quartz-sericite
K372575	Quartz monzonite	Quartz-sericite
K372625	Quartz monzonite	Quartz-sericite
K372665	Quartz monzonite	Quartz-sericite
K372725	Quartz monzonite	Quartz-sericite
K372775	Quartz monzonite	Quartz-sericite
K372825	Quartz monzonite	Quartz-sericite
K372875	Quartz monzonite	Quartz-sericite
K372925	Quartz monzonite	Quartz-sericite
K372975	Quartz monzonite	Quartz-sericite
K373025	Quartz monzonite	Quartz-sericite
K373075	Quartz monzonite	Quartz-sericite
K373135	Quartz monzonite	Quartz-sericite
K373175	Quartz monzonite	Quartz-sericite
K373225	Quartz monzonite	Quartz-sericite
K373275	Quartz monzonite	Quartz-sericite
K373335	Quartz monzonite	Quartz-sericite
K373375	Monzonite porphyry	Quartz-sericite
K373428	Monzonite porphyry	Quartz-sericite
K373475	Monzonite porphyry	Quartz-sericite
K373525	Quartz monzonite	Quartz-sericite
K373576	Quartz monzonite	Quartz-sericite
K373623	Quartz monzonite	Quartz-sericite
K373675	Quartz monzonite	Quartz-sericite
K373728	Quartz monzonite	Quartz-sericite
K373771	Monzonite porphyry	Quartz-sericite
K373825	Quartz monzonite	Quartz-sericite
K373875	Quartz monzonite	Biotite K-feldspar
K373926	Quartz monzonite	Biotite K-feldspar
K373971	Monzonite porphyry	Biotite K-feldspar

Table 4.--continued

Sam. ID	Ag ppm s	Al % xrf	As ppm cm	Au ppm aa	B ppm s	Ba ppm s	Be ppm s	Bi ppm s	CO2 % inst	Ca % s	Cd ppm aa	Ce ppm s	Co ppm s
K374020	0.5 L	6.9	10 N	0.02	20 L	1500	1.5	10 N	1.20	1.0	0.4	200 L	15
K374073	1.5	4.6	10 N	0.05	20 L	1000	3.0	10 N	0.30	0.3	0.4	200 L	30
K374126	0.7	4.3	10 N	0.02	30	1000	1.5	10 N	1.50	1.0	0.5	200 L	15
K374178	1.0	6.4	10	0.10	70	700	3.0	10 N	2.10	0.7	0.4	200 L	20
K374225	0.7	5.1	10	0.04	100	1500	3.0	10 N	2.40	1.0	0.4	200 N	15
K374275	7.0	5.8	10	0.05	200	300	2.0	10 N	1.50	0.5	0.5	200 N	50
K374323	5.0	6.9	60	0.40	150	100	1.5	10 N	1.10	0.2	1.0	200 N	30
K374374	0.7	4.0	40	0.10	50	2000	1.5	10 N	1.10	0.7	0.4	200 N	15
K374425	1.5	9.5	40	0.05	150	100	1.5	10 N	3.60	3.0	1.0	200 N	30
K374474	0.5 N	5.8	10 N	0.02 N	70	2000	1.5	10 N	0.90	0.3	0.4	200 L	7
K374523	0.5 N	4.2	10 N	0.02	50	3000	1.5 L	10 N	0.90	0.5	0.4	200 L	5 L
K374574	0.5 N	6.9	10 N	0.02 N	70	1500	1.5	10 N	1.40	0.3	0.1 N	200 L	10
K374624	0.5 N	5.2	10 N	0.02 N	70	1500	1.5 L	10 N	1.50	0.7	0.1 N	200 N	7
K374670	0.5 N	7.4	10	0.02 N	100	1000	1.5 L	10 N	2.40	0.7	0.5	200 N	10
K374700	0.5 N	5.0	10 L	0.02 N	50	2000	1.5	10 N	2.10	2.0	0.4	200 N	7



Table 4.--continued

Sam. ID	Cr ppm s	Cs ppm s	Cu ppm s	F ppm inst	Fe % s	Ga ppm s	Hg ppm aa	K % aa	La ppm s	Li ppm aa	Mg % s	Mn ppm s	Mo ppm s	Na % aa
K374020	15	5 L	2000	300	1.5	15	0.02	3.0	50 L	40	0.7	200	30	0.7
K374073	20	5 N	7000	225	3.0	15	0.26	2.5	70	40	0.7	100	30	1.0
K374126	7	5	3000	250	1.0	15	0.06	3.2	50	130	0.7	150	3	0.7
K374178	7	5 L	15000	200	2.0	15	0.06	3.0	50	410	0.5	150	30	0.4
K374225	70	7	7000	400	3.0	15	0.14	2.3	50 L	730	1.0	200	30	0.2
K374275	300	7	7000	800	7.0	30	0.55	1.2	50 N	1000	1.5	200	150	0.1
K374323	150	10	30000	700	5.0	20	0.80	2.0	50 N	1100	0.3	300	5	0.1
K374374	5	5 L	7000	200	1.5	15	0.30	2.6	50 L	330	0.7	70	30	0.2
K374425	200	30	7000	800	3.0	20	0.22	2.6	50 N	470	1.0	300	3	0.3
K374474	10	5 N	1500	225	0.7	15	0.14	3.4	70	260	0.5	70	10	1.0
K374523	5	5 L	300	200	0.7	7	0.24	3.0	50	480	0.3	70	15	0.3
K374574	15	5	1000	225	1.5	15	0.10	2.2	70	570	0.3	50	7	0.2
K374624	30	5 L	150	325	1.5	20	0.08	2.1	50 L	770	1.0	100	3 L	0.9
K374670	20	5 L	2000	300	1.5	30	0.30	2.1	50 L	940	0.7	150	7	0.3
K374700	30	7	70	400	1.5	20	0.12	1.6	50 L	420	1.0	150	3 L	1.1

Table 4.--continued

Sam. ID	Nb ppm s	Ni ppm s	P ppm xrf	Pb ppm s	Rb ppm s	S % inst	Sb ppm cm	Sc ppm s	Se ppm cm	Si % xrf	Sn ppm s	Sr ppm s
K374020	10 L	15	1440	10	50	2.200	1 L	7	2.0	31	10 N	150
K374073	15	15	1880	15	20	2.100	1 N	15	4.5	33	10 N	150
K374126	10	7	2360	10	50	1.300	10	15	1.1	32	10 N	150
K374178	15	15	1660	10	50	2.100	5	15	0.7	32	10 N	150
K374225	15	30	1180	10	50	1.000	10	10	3.4	28	10 N	300
K374275	10 L	150	700	10	70	1.800	10	30	5.9	25	10 N	100
K374323	10 L	100	960	10 L	100	3.400	60	20	3.0	21	10 N	300
K374374	10 L	20	440	10	30	1.000	20	5 L	1.9	35	10 N	200
K374425	10 L	100	830	10	150	1.700	75	30	0.1	23	10 N	150
K374474	15	15	1530	10	50	0.700	10	15	0.9	35	10 N	200
K374523	10 L	7	1270	10	50	0.800	4	7	5.2	36	10 N	200
K374574	15	15	1480	10	50	1.500	2	10	0.5	35	10 N	150
K374624	10 L	15	1090	10 N	50	0.100	1	7	3.2	33	10 N	500
K374670	10 L	30	1130	15	70	0.800	10	7	2.8	33	10 N	150
K374700	10 L	20	1660	10	50	0.050	1 L	7	0.7	32	10 N	500

Table 4.--continued

Sam. ID	Te ppm aa	Ti % s	Tl ppm aa	V ppm s	W ppm s	Y ppm s	Yb ppm s	Zn ppm aa	Zr ppm s	Specific gravity
K374020	0.5 N	0.20	0.2 N	70	100 N	15	1.5	10	100	2.737
K374073	0.5 N	0.50	0.2 N	150	100 N	30	7.0	20	150	2.688
K374126	0.5 L	0.20	0.2 N	70	100 N	20	3.0	10	100	2.719
K374178	0.5 L	0.30	0.5	70	100 N	30	3.0	10	150	2.709
K374225	0.5 N	0.30	0.5	150	100 N	10	1.0	30	70	2.704
K374275	0.5 L	0.50	0.5	300	100 N	15	2.0	50	70	2.773
K374323	0.5 L	0.30	0.4	300	100 L	15	1.5	140	70	2.824
K374374	0.5 L	0.15	0.4	30	100 N	10	1.5	15	70	2.670
K374425	0.5 N	0.30	0.7	300	100 N	15	2.0	10	100	2.773
K374474	0.5 N	0.30	0.4	70	100 N	30	5.0	10	200	2.649
K374523	0.5 N	0.15	0.5	30	100 N	15	2.0	10	70	2.651
K374574	0.5 N	0.30	0.2 N	70	100 N	30	5.0	50	150	2.738
K374624	0.5 N	0.30	0.4	70	100 N	10	1.5	15	50	2.642
K374670	0.5 N	0.20	0.3	70	100 N	10	1.0	15	50	2.696
K374700	0.5 N	0.30	0.5	70	100 N	15	1.5	15	70	2.626

Table 4.--continued

Sam. ID	Rock Type	Alteration Zone
K374020	Monzonite porphyry	Biotite K-feldspar
K374073	Quartz monzonite	Biotite K-feldspar
K374126	Quartz monzonite	Biotite K-feldspar
K374178	Quartz monzonite	Biotite K-feldspar
K374225	Quartz monzonite	Biotite K-feldspar
K374275	Diabase	Biotite K-feldspar
K374323	Diabase	Biotite K-feldspar
K374374	Monzonite porphyry	Biotite K-feldspar
K374425	Diabase	Biotite K-feldspar
K374474	Quartz monzonite	Biotite K-feldspar
K374523	Quartz monzonite	Biotite K-feldspar
K374574	Quartz monzonite	Biotite K-feldspar
K374624	Monzonite porphyry	Biotite K-feldspar
K374670	Monzonite porphyry	Biotite K-feldspar
K374700	Monzonite porphyry	Biotite K-feldspar