

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

**Spectrographic analyses of insoluble-residue samples,
Harrison 1° x 2° quadrangle, Missouri and Arkansas:
Drill holes nos. 59, 60, 61, and 63**

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

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INTRODUCTION

Geochemical studies of the Harrison 1° x 2° quadrangle, Missouri and Arkansas, were begun in 1983 as part of a multidisciplinary study of the quadrangle by the U.S. Geological Survey, the Missouri Division of Geology and Land Survey, and the Arkansas Geological Commission. The purpose of the study was to assess the mineral resource potential of the area by integrated geologic, geochemical, and geophysical studies.

The geochemical work has been directed at the characterization of the sedimentary rocks in the quadrangle through spectrographic analyses of dilute-hydrochloric-acid insoluble-residue samples of whole rock from widely spaced drill holes. Drill holes have been selected for study from the sample libraries of the Missouri Division of Geology and Land Survey and the Arkansas Geological Commission. None of the holes are company confidential and none intersect economically significant mineralized ground.

The analytical results for drill hole no. 59 (Missouri log number 27329), drill hole no. 60 (Missouri log number 28026), drill hole no. 61 (Missouri log number 28594), and drill hole no. 63 (Missouri log number 17029) are given in this report. Drill hole no. 59 is located in sec. 26, T. 21 N., R. 23 W. in Stone County, Missouri; drill hole no. 60 is located in sec. 22, T. 22 N., R. 22 W. in Taney County, Missouri; drill hole no. 61 is located in sec. 20, T. 23 N., R. 20 W. in Taney County, Missouri; and drill hole no. 63 is located in sec. 29, T. 23 N., R. 27 W., in Barry County, Missouri (fig. 1). Data for the insoluble residue in samples in drill holes 59, 60, 61, and 63 are listed in tables 1, 2, 3, and 4, respectively. Missouri log number, county, and location allow correlation with the stratigraphic logs on file at the Missouri Division of Geology and Land Survey, Rolla, Missouri.

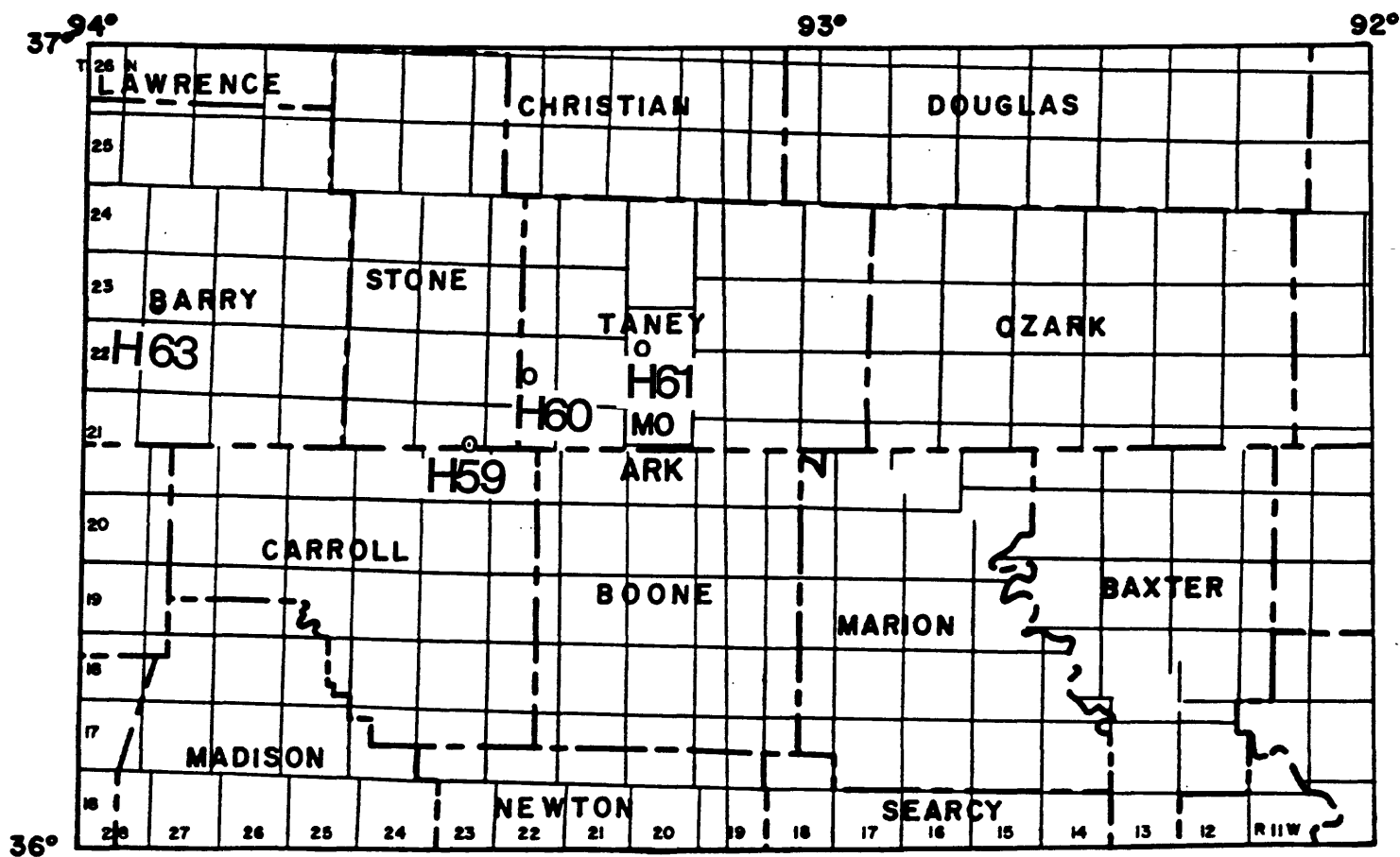
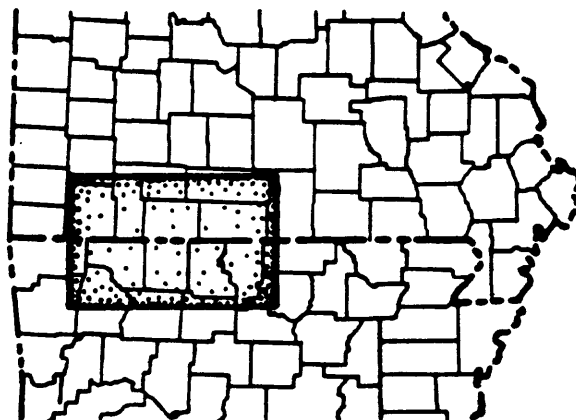
PREPARATION AND ANALYSIS OF SAMPLES

Insoluble residues were prepared by dissolving approximately 80 grams of crushed carbonate rock in repeated applications of 1:5 hydrochloric acid until the carbonate was removed. The samples were then filtered and dried overnight at 50 °C.

The samples were then pulverized to minus-140 mesh (0.105 mm) in a vertical grinder equipped with ceramic plates. Some insoluble-residue samples contained only a few milligrams of material, and these were hand ground in an agate mortar and pestle. A hand magnet was passed over the insoluble-residue samples before grinding to remove filings or chips of drill bit that might have been present.

Each sample was analyzed semiquantitatively for 31 elements using a six-step D.C.-arc optical-emission spectrographic method (Grimes and Marranzino, 1968).

The semiquantitative spectrographic values are reported as six steps per order of magnitude (1, 0.7, 0.5, 0.3, 0.2, and 0.15) and are approximate geometric midpoints of the concentration ranges. The precision is shown to be within one adjoining reporting interval on each side of the reported value 83 percent of the time and within two adjoining intervals on each side of the reported value 96 percent of the time (Motooka and Grimes, 1976).



HARRISON 1° X 2° QUADRANGLE

Locations of drill holes discussed in this report

The visual lower limits of determination for the 31 elements that were determined spectrographically for this report are as follows:

For those given in percent:

Calcium	0.05
Iron	0.05
Magnesium	0.02
Titanium	0.002

For those given in ppm:

Antimony	100	Molybdenum	5
Arsenic	200	Nickel	5
Barium	20	Niobium	20
Beryllium	1	Scandium	5
Bismuth	10	Silver	0.5
Boron	10	Strontium	100
Cadmium	20	Thorium	100
Chromium	10	Tin	10
Cobalt	5	Tungsten	50
Copper	5	Vanadium	10
Gold	10	Yttrium	10
Lanthanum	20	Zinc	200
Lead	10	Zirconium	10
Manganese	10		

DESCRIPTION OF DATA TABLES

Each sample is identified by an eight-character code beginning with the letter H, signifying Harrison. The next number signifies the USGS drill-hole number. The letter R follows this number and signifies insoluble residue. The last four digits identify the depth of the sample from the drill-hole collar. Most samples are composites of approximate 10-foot intervals, dependent upon the original sample intervals and upon the amount of sample material available for analysis. Please note that in many of the tables a large percentage of the tungsten values are reported as less than 50 ppm. The presence of tungsten may be a result of tungsten carbide drill bit contamination.

The stratigraphic unit of the sample is identified by a coded number in the last column (tables 1 through 4) following the thorium column. The code and formation names are as follows:

<u>Code</u>	<u>Formation</u>
33	Residuum
31	Undifferentiated Mississippian Units
30	Chattanooga shale
21	Cotter Dolomite
20	Jefferson City Dolomite
19	Roubidoux Formation
18	Gasconade Formation
17	Gunter Sandstone member of the Gasconade Formation
16	Eminence Formation

EXPLANATION OF DATA

The columns in tables 1 through 4 have headings of sample, elements, and formation. The letter S over the columns signifies emission-spectrographic data.

Iron, magnesium, calcium, and titanium are reported in percent (%); all other elements are in parts per million. Other symbols shown on the tables are:

N = Not detected at the limit of determination shown;

< = Detected, but below the limit of determination shown; and

> = Greater than the limit of determination shown.

Because of the formatting used in the computer program that produced tables 1-4, some of the elements listed in these tables (Fe, Mg, Ca, Ti, Ag, and Be) carry one or more nonsignificant zeros to the right of the significant digits. The analyst did not determine these elements to the accuracy suggested by the extra zeros.

RASS

Upon completion of all analytical work, the information from the samples is entered into a computer-based file called RASS (Rock Analysis Storage System). This RASS file contains both descriptive geological information and analytical data. Any or all of this information may be retrieved and placed in a standard form (STATPAC) for computerized statistical manipulation or publication (VanTrump and Miesch, 1977).

ACKNOWLEDGMENTS

The authors wish to thank the Missouri Division of Geology and Land Survey--Dr. Wallace B. Howe, former Director, and Dr. J. Hadley Williams, Director--and the Arkansas Geological Commission, Dr. Norman F. Williams, State Geologist, for making these drill-hole samples available from their sample libraries.

REFERENCES

- Grimes, D.J., and Marranzino, A.P., 1968, Direct-current arc and alternating-current spark emission spectrographic field methods for the semiquantitative analysis of geologic materials: U.S. Geological Survey Circular 591, 6 p.
- Motooka, J.M., and Grimes, D.J., 1976, Analytical precision of one-sixth order semiquantitative spectrographic analyses: U.S. Geological Survey Circular 738, 25 p.
- VanTrump, George, Jr., and Miesch, A.T., 1977, The U.S. Geological Survey RASS-STATPAC system for management and statistical reduction of geochemical data: Computers and Geosciences, v. 3, p. 475-488.

TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE-RESIDUE SAMPLES FROM DRILL HOLE NO. H59, HARRISON 1 X 2

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

Sample	Fe-pct. %	Mg-pct. %	Ca-pct. %	Ti-pct. %	Mn-ppm S	Ag-ppm S	As-ppm S	Au-ppm S	R-ppm S	Ba-ppm S
H59R0010	1.000	.20	<.05	.200	700	N	N	N	100	100
H58R0020	1.000	.20	<.05	.300	1,000	N	N	N	100	100
H59R0030	1.000	.15	.07	.200	700	N	N	N	100	100
H59R0040	1.000	.07	<.05	.200	200	N	N	N	70	1,550
H59R0050	1.000	.10	.05	.300	1,000	N	N	N	100	150
H59R0060	.300	.02	.50	.050	150	N	N	N	50	30
H59P0070	.700	.03	1.50	.150	200	N	N	N	70	50
H59R0080	.050	.02	5.00	.002	70	N	N	N	70	20
H59R0090	<.050	<.02	2.00	.002	20	N	N	N	70	20
H59R0100	<.050	<.02	1.00	<.002	10	N	N	N	70	<20
H59R0110	<.050	<.02	1.00	<.002	10	N	N	N	100	<20
H59R0120	<.050	<.02	1.00	.002	15	N	N	N	70	20
H59R0130	<.050	<.02	1.00	.002	<10	N	N	N	100	20
H59R0140	<.050	<.02	.50	.002	<10	N	N	N	70	50
H59R0150	<.050	<.02	.70	.003	<10	N	N	N	100	30
H59R0160	.050	<.02	.30	.010	10	N	N	N	100	50
H59R0170	.070	<.02	.20	.007	10	N	N	N	100	50
H59R0180	.100	.02	1.00	.010	15	N	N	N	100	50
H59R0190	.100	.02	1.00	.015	10	N	N	N	100	70
H59R0200	.050	.02	1.00	.007	10	N	N	N	100	50
H59R0210	.070	.03	1.50	.010	15	N	N	N	100	20
H59R0220	.100	.03	1.50	.010	15	N	N	N	100	30
H59R0230	.100	.02	1.00	.020	10	N	N	N	50	30
H59R0240	.100	.03	1.50	.020	15	N	N	N	70	70
H59R0250	.100	.02	1.00	.020	15	N	N	N	70	50
H59R0260	.100	.10	1.00	.020	10	N	N	N	70	50
H59R0270	.200	.50	1.50	.030	20	N	N	N	100	50
H59R0280	.300	.50	1.50	.030	20	N	N	N	100	50
H59R0290	.300	.70	1.50	.050	20	N	N	N	70	50
H59R0300	.200	.50	2.00	.020	20	N	N	N	100	50
H59R0310	.200	.30	2.00	.030	20	N	N	N	100	50
H59R0320	.200	.20	2.00	.020	20	N	N	N	100	50
H59R0330	.200	.20	2.00	.020	15	N	N	N	100	30
H59R0340	.200	.15	1.50	.030	15	N	N	N	100	50
H59R0350	.200	.20	3.00	.050	20	N	N	N	100	50
H59R0360	.150	.20	1.50	.030	15	N	N	N	100	70
H59R0370	.200	.30	3.00	.030	30	N	N	N	100	50
H59R0380	.200	.50	.50	.150	10	N	N	N	100	200
H59R0390	.150	.20	.10	.050	<10	N	N	N	100	70
H59R0400	.200	.30	.20	.070	10	N	N	N	150	200
H59R0410	2.000	.30	.30	.100	10	N	N	N	100	200
H59R0420	.500	.20	.30	.030	10	N	N	N	100	200
H59R0430	.200	.50	.70	.150	15	N	N	N	100	200
H59R0440	.200	.50	.30	.300	10	N	N	N	100	200
H59R0450	1.000	.70	.30	.700	50	N	N	N	200	200

TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE-RESIDUE SAMPLES FROM DRILL HOLE NO. H59, HARRISON 1 X 2
QUADRANGLE, MISSOURI AND ARKANSAS--Continued

Sample	Re-ppm S	Pi-ppm S	Ca-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Nb-ppm S	Ni-ppm S	Pb-ppm S
H59R0010	1.0	N	N	5	50	10	30	5	N	15	15
H58R0020	1.0	N	N	5	70	10	50	7	N	20	15
H59R0030	<1.0	N	N	10	50	10	50	10	N	20	15
H59R0040	<1.0	N	N	<5	70	7	<20	5	N	10	10
H59R0050	1.0	N	N	5	100	10	<20	5	N	50	15
H59R0060	N	N	N	<5	20	5	N	<5	N	7	<10
H59R0070	<1.0	N	N	<5	30	15	N	7	N	15	<10
H59P0080	N	N	N	N	15	<5	N	<5	N	<5	N
H59R0090	N	N	N	N	10	<5	N	<5	N	<5	N
H59R0100	N	N	N	N	10	7	N	<5	N	<5	N
H59R0110	N	N	N	N	10	<5	N	<5	N	<5	N
H59R0120	N	N	N	N	10	<5	N	<5	N	<5	N
H59R0130	N	N	N	N	10	7	N	<5	N	<5	N
H59R0140	N	N	N	N	10	<5	N	<5	N	<5	N
H59R0150	N	N	N	N	10	<5	N	<5	N	<5	N
H59R0160	N	N	N	N	10	<5	N	<5	N	<5	N
H59R0170	N	N	N	N	10	<5	N	<5	N	<5	N
H59R0180	N	N	N	N	10	<5	N	<5	N	<5	N
H59P0190	N	N	N	N	10	<5	N	<5	N	10	N
H59R0200	N	N	N	N	10	<5	N	<5	N	7	N
H59R0210	N	N	N	N	10	<5	N	<5	N	10	N
H59R0220	N	N	N	N	10	<5	N	<5	N	10	N
H59R0230	N	N	N	N	20	<5	N	<5	N	5	<10
H59R0240	N	N	N	N	20	<5	N	<5	N	7	<10
H59R0250	N	N	N	N	20	<5	N	<5	N	10	<10
H59R0260	N	N	N	N	20	<5	N	<5	N	10	<10
H59R0270	N	N	N	N	20	<5	N	<5	N	10	<10
H59R0280	N	N	N	N	20	<5	N	<5	N	15	<10
H59R0290	N	N	N	N	20	<5	N	<5	N	30	<10
H59R0300	N	N	N	N	20	<5	N	<5	N	20	15
H59R0310	N	N	N	N	20	<5	N	<5	N	15	70
H59R0320	N	N	N	N	20	<5	N	<5	N	10	<10
H59R0330	N	N	N	N	20	<5	N	5	N	10	<10
H59R0340	N	N	N	N	20	<5	N	<5	N	10	10
H59R0350	N	N	N	N	20	5	N	<5	N	15	15
H59R0360	N	N	N	N	20	<5	N	<5	N	10	<10
H59R0370	N	N	N	N	20	5	N	<5	N	10	10
H59R0380	1.0	N	N	N	20	7	N	<5	N	7	<10
H59R0390	<1.0	N	N	N	20	<5	N	<5	N	<5	<10
H59R0400	1.0	N	N	N	20	7	N	<5	N	<5	<10
H59R0410	1.0	N	N	N	20	20	N	<5	N	10	15
H59R0420	<1.0	N	N	N	20	7	N	<5	N	5	<10
H59R0430	<1.0	N	N	N	20	7	N	<5	N	5	<10
H59P0440	N	N	N	N	20	10	N	5	N	10	10
H59R0450	1.5	N	N	5	100	15	N	N	N	10	15

TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE-RESIDUE SAMPLES FROM DRILL HOLE NO. H59, HARRISON 1 X 2
QUADRANGLE, MISSOURI AND ARKANSAS--Continued

Sample	Sb-ppm S	Sc-ppm S	Sn-ppm S	Sr-ppm S	V-ppm S	W-ppm S	Y-ppm S	Zn-ppm S	Zr-ppm S	Th-ppm S	Form
H59R0010	N	10	N	N	100	<50	20	<200	70	N	33
H59R0020	N	10	N	N	100	<50	20	<200	100	N	33
H59R0030	N	7	N	N	100	<50	20	N	100	N	33
H59R0040	N	5	N	N	70	<50	10	N	70	N	33
H59R0050	N	7	N	N	70	<50	30	N	70	N	33
H59R0060	N	N	N	N	30	<50	10	N	20	N	33
H59R0070	N	5	N	N	100	<50	<10	N	70	N	33
H59R0080	N	N	N	N	<10	<50	N	N	N	N	31
H59R0090	N	N	N	N	<10	<50	N	<200	N	N	31
H59R0100	N	N	N	N	<10	<50	N	<200	N	N	31
H59R0110	N	N	N	N	<10	<50	N	<200	N	N	31
H59R0120	N	N	N	N	<10	<50	N	<200	N	N	31
H59R0130	N	N	N	N	<10	<50	N	<200	N	N	31
H59R0140	N	N	N	N	<10	<50	N	<200	N	N	31
H59R0150	N	N	N	N	<10	<50	N	<200	N	N	31
H59R0160	N	N	N	N	<10	<50	N	<200	N	N	31
H59R0170	N	N	N	N	<10	<50	N	<200	N	N	31
H59R0180	N	N	N	N	15	<50	N	<200	N	N	31
H59R0190	N	N	N	N	20	<50	N	<200	N	N	31
H59R0200	N	N	N	N	10	<50	N	<200	N	N	31
H59R0210	N	N	N	N	10	<50	N	<200	N	N	31
H59R0220	N	N	N	N	15	<50	N	<200	N	N	31
H59R0230	N	N	N	N	15	<50	N	N	N	N	31
H59R0240	N	N	N	N	15	<50	N	N	N	N	31
H59R0250	N	N	N	N	20	<50	N	N	N	N	31
H59R0260	N	N	N	N	20	<50	N	N	N	N	31
H59R0270	N	N	N	N	20	<50	N	N	N	N	31
H59R0280	N	N	N	N	20	<50	N	N	N	N	31
H59R0290	N	N	N	N	20	<50	N	N	N	N	31
H59R0300	N	N	N	N	20	<50	N	N	N	N	31
H59R0310	N	N	N	N	20	<50	N	<200	10	N	31
H59R0320	N	N	N	N	20	<50	N	N	10	N	31
H59R0330	N	N	N	N	15	<50	N	N	N	N	31
H59R0340	N	N	N	N	20	<50	N	N	N	N	31
H59R0350	N	N	N	N	30	<50	N	N	10	N	31
H59R0360	N	N	N	N	15	<50	N	N	<10	N	31
H59R0370	N	N	N	N	20	<50	N	N	10	N	31
H59R0380	N	N	N	N	20	<50	N	N	100	N	31
H59R0390	N	N	N	N	20	<50	N	N	50	N	21
H59R0400	N	N	N	N	15	<50	N	N	150	N	21
H59R0410	N	N	N	N	15	<50	N	N	100	N	21
H59R0420	N	N	N	N	15	<50	N	N	100	N	21
H59R0430	N	N	N	100	20	<50	N	N	100	N	21
H59R0440	N	N	N	700	15	<50	<10	N	70	N	21
H59R0450	N	N	N	N	100	<50	N	N	100	N	21

TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE-RESIDUE SAMPLES FROM DRILL HOLE NO. H59, HARRISON 1 X 2
QUADRANGLE, MISSOURI AND ARKANSAS--Continued

Sample	Fe-pct. %	Mg-pct. %	Ca-pct. %	Ti-pct. %	Mn-ppm S	Ag-ppm S	As-ppm S	Au-ppm S	P-ppm S	Ra-ppm S
H59R0460	<.050	.02	.05	.010	15	N	N	N	15	150
H59R0470	.070	.07	.07	.050	15	N	N	N	50	150
H59R0480	.100	.30	.20	.100	15	N	N	N	50	150
H59R0490	.700	.70	.20	.700	50	N	N	N	100	500
H59P0500	3.000	1.00	.50	.700	100	<.5	N	N	200	500
H59R0510	.300	.20	.05	.100	15	N	N	N	50	300
H59R0520	.100	.20	.05	.020	15	N	N	N	20	500
H59P0530	.300	.50	.30	.100	15	N	N	N	70	150
H59R0540	5.000	.70	.30	1.000	70	.7	N	N	150	500
H59P0550	5.000	.70	.50	1.000	100	2.0	N	N	200	500
H59R0560	.500	.50	.50	.070	10	N	N	N	70	100
H59R0570	.700	1.50	1.50	.100	20	N	N	N	150	200
H59R0580	5.000	.50	.50	.300	20	N	N	N	150	200
H59R0590	7.000	2.00	5.00	.100	50	N	N	N	150	200
H59P0600	.700	.70	.20	.300	20	N	N	N	150	300
H59R0610	.700	1.00	1.00	.300	20	N	N	N	200	200
H59R0620	3.000	.50	.20	.500	20	N	N	N	200	500
H59R0630	.700	1.00	1.00	.100	15	N	N	N	100	150
H59R0640	.500	.20	.20	.100	10	N	N	N	100	150
H59R0650	1.000	1.00	.70	1.000	50	N	N	N	100	500
H59R0660	2.000	.70	.70	.200	20	N	N	N	100	300
H59R0670	1.000	.70	.50	.300	50	N	N	N	150	200
H59R0680	1.500	1.50	1.50	.500	100	N	N	N	200	500
H59R0690	1.000	.50	.20	.500	50	N	N	N	200	300
H59R0700	1.000	.50	.20	.500	50	N	N	N	150	200
H59R0710	1.500	1.50	1.50	.700	100	N	N	N	200	500
H59R0715	2.000	2.00	1.50	.500	100	N	N	N	200	500
H59R0720	.200	.50	.30	.100	10	N	N	N	50	50
H59R0730	.050	.50	.20	.010	10	N	N	N	50	50
H59R0740	.500	1.00	1.50	.100	15	N	N	N	50	100
H59R0750	3.000	.05	.07	.050	10	N	N	N	70	70
H59R0760	.100	.05	.10	.020	10	N	N	N	50	50
H59R0770	1.000	.30	.10	.300	15	N	N	N	100	200
H59R0780	10.000	.20	.05	.050	15	.7	N	N	100	70
H59R0790	2.000	1.00	1.00	.300	100	.5	N	N	150	200
H59R0800	20.000	.30	1.00	.050	10	.7	200	N	100	150
H59R0810	.500	.05	.10	.020	20	N	N	N	100	30
H59R0820	1.000	2.00	2.00	.500	100	N	N	N	150	300
H59R0830	1.000	2.00	3.00	.500	100	N	N	N	200	500
H59R0840	1.000	1.50	2.00	.500	100	N	N	N	150	500
H59R0850	1.000	1.50	2.00	.500	100	N	N	N	100	500
H59P0860	.700	1.00	.20	.300	10	N	N	N	100	150
H59R0870	1.000	1.00	1.50	.200	50	N	N	N	100	300
H59R0880	5.000	2.00	2.00	.700	100	.5	N	N	150	500
H59R0890	.500	.50	1.50	.030	10	N	N	N	100	100

TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE-RESIDUE SAMPLES FROM DRILL HOLE NO. H59, HARRISON 1 X 2
QUADRANGLE, MISSOURI AND ARKANSAS--Continued

Sample	Fe-ppm S	Bi-ppm S	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Nb-ppm S	Ni-ppm S	Pb-ppm S
H59R0450	N	N	N	N	20	<5	N	N	N	<5	<10
H59R0470	N	N	N	N	20	7	N	N	N	<5	<10
H59R0480	N	N	N	N	20	5	N	5	N	5	<10
H59R0490	1.0	N	N	10	100	20	N	5	<20	20	20
H59R0500	1.0	N	N	20	100	1,000	N	N	N	100	70
H59R0510	N	N	N	N	20	10	N	N	N	7	10
H59R0520	N	N	N	N	20	<5	N	N	N	<5	<10
H59R0530	<1.0	N	N	N	30	10	N	N	N	<5	<10
H59R0540	1.0	N	N	50	150	70	N	20	<20	100	50
H59R0550	1.0	N	N	50	100	100	N	20	<20	150	100
H59R0560	N	N	N	N	20	10	N	<5	N	7	<10
H59R0570	<1.0	N	N	N	50	10	N	<5	N	15	50
H59R0580	<1.0	N	N	15	50	70	N	20	N	70	70
H59R0590	1.0	N	N	15	50	100	N	10	N	70	100
H59R0600	<1.0	N	N	5	100	20	N	15	N	10	50
H59R0610	<1.0	N	N	5	50	20	N	5	N	10	30
H59R0620	<1.0	N	N	10	70	100	N	15	N	70	50
H59R0630	<1.0	N	N	<5	20	10	N	<5	N	10	15
H59R0640	<1.0	N	N	<5	20	10	N	<5	N	7	15
H59R0650	1.0	N	N	20	100	70	N	20	N	70	50
H59R0660	1.0	N	N	10	100	50	N	20	N	70	20
H59R0670	1.0	N	N	10	50	50	N	15	N	50	30
H59R0680	<1.0	N	N	20	100	70	N	20	N	70	100
H59R0690	1.0	N	N	15	50	50	N	20	N	50	50
H59R0700	1.0	N	N	10	70	30	N	15	N	30	50
H59R0710	1.0	N	N	20	100	70	N	50	N	7	50
H59R0715	1.5	N	N	20	100	70	N	20	N	70	100
H59R0720	N	N	N	N	20	7	N	5	N	5	N
H59R0730	N	N	N	N	10	<5	N	<5	N	5	N
H59R0740	N	N	N	<5	20	7	N	5	N	7	<10
H59R0750	N	N	N	15	20	20	N	5	N	15	100
H59R0760	<1.0	N	N	N	20	5	N	<5	N	5	<10
H59R0770	<1.0	N	N	N	30	100	N	<5	N	15	20
H59R0780	<1.0	N	N	20	20	100	N	15	N	100	100
H59R0790	<1.0	N	N	10	100	50	N	15	N	50	100
H59R0800	<1.0	N	N	30	15	150	N	20	N	150	150
H59R0810	N	N	N	N	20	20	N	5	N	5	<10
H59R0820	1.0	N	N	10	100	50	N	50	N	50	100
H59R0830	1.0	N	N	15	100	50	N	50	N	70	100
H59R0840	1.5	N	N	15	100	30	N	20	N	70	100
H59R0850	1.0	N	N	15	100	50	N	100	N	100	100
H59R0860	1.0	N	N	7	50	10	N	20	N	15	100
H59R0870	1.0	N	N	10	100	20	N	20	N	70	100
H59R0880	1.0	N	N	20	100	50	N	50	N	7	70
H59R0890	<1.0	N	N	N	10	5	N	7	N	10	<10

TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE-RESIDUE SAMPLES FROM DRILL HOLE NO. H59, HARRISON 1 X 2
QUADRANGLE, MISSOURI AND ARKANSAS--Continued

Sample	Sb-ppm S	Sc-ppm S	Sn-ppm S	Sr-ppm S	V-ppm S	W-ppm S	Y-ppm S	Zn-ppm S	Zr-ppm S	Th-ppm S	Form
H59R0460	N	N	N	N	<10	<50	N	N	50	N	21
H59R0470	N	N	N	N	10	<50	N	N	50	N	21
H59R0480	N	N	N	N	10	<50	N	N	30	N	21
H59R0490	N	5	N	N	50	<50	N	N	100	N	21
H59R0500	N	5	N	N	70	50	N	<200	100	N	21
H59R0510	N	N	N	N	15	<50	N	N	100	N	21
H59R0520	N	N	N	N	10	<50	N	N	50	N	21
H59R0530	N	N	N	N	15	<50	N	N	30	N	21
H59R0540	N	7	N	N	50	<50	15	<200	200	N	21
H59R0550	N	7	N	N	50	<50	15	<200	300	N	21
H59R0560	N	N	N	N	10	<50	N	N	30	N	21
H59R0570	N	<5	N	N	30	<50	N	N	100	N	21
H59R0580	N	<5	N	N	30	<50	N	N	500	N	21
H59R0590	N	5	N	N	30	<50	N	N	30	N	21
H59R0600	N	N	N	N	30	<50	N	N	100	N	21
H59R0610	N	N	N	N	50	<50	N	N	70	N	21
H59R0620	N	N	N	N	50	<50	N	N	200	N	21
H59R0630	N	N	N	100	50	<50	N	N	50	N	21
H59R0640	N	N	N	<100	20	<50	N	N	50	N	21
H59R0650	N	10	N	N	50	<50	N	N	300	N	21
H59R0660	N	7	N	N	50	<50	N	N	200	N	21
H59R0670	N	5	N	N	50	<50	N	N	100	N	21
H59R0680	N	<5	N	N	50	<50	N	N	100	N	21
H59R0690	N	<5	N	N	50	<50	N	N	100	N	21
H59R0700	N	<5	N	<100	50	<50	N	N	100	N	21
H59R0710	N	<5	N	N	50	<50	N	N	150	N	21
H59R0715	N	5	N	N	70	<50	N	N	100	N	21
H59R0720	N	N	N	N	10	<50	N	N	10	N	21
H59R0730	N	N	N	N	<10	<50	N	N	N	N	21
H59P0740	N	N	N	N	20	<50	N	N	70	N	21
H59R0750	N	N	N	N	10	<50	N	N	50	N	21
H59R0760	N	N	N	N	10	<50	N	N	10	N	21
H59R0770	N	N	N	N	20	<50	N	N	100	N	21
H59R0780	N	N	N	N	10	<50	N	N	20	N	21
H59R0790	N	N	N	N	10	<50	N	N	100	N	21
H59R0800	N	5	N	N	<10	<50	N	<200	30	N	21
H59R0810	N	<5	N	N	50	<50	N	N	10	N	21
H59R0820	N	N	N	N	50	<50	N	N	150	N	21
H59R0830	N	<5	N	N	50	<50	N	N	100	N	21
H59R0840	N	5	N	N	70	<50	N	N	150	N	21
H59R0850	N	5	N	N	50	<50	N	N	100	N	21
H59R0860	N	5	N	N	50	<50	N	N	50	N	21
H59R0870	N	<5	N	N	30	<50	N	N	50	N	21
H59P0880	N	7	N	N	150	<50	N	N	100	N	21
H59R0890	N	N	N	N	10	<50	N	N	20	N	21

TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE-RESIDUE SAMPLES FROM DRILL HOLE NO. H59, HARRISON 1 X 2
QUADRANGLE, MISSOURI AND ARKANSAS--Continued

Sample	Fe-pct. S	Mg-pct. S	Ca-pct. S	Ti-pct. S	Mn-pptm S	Ag-pptm S	As-pptm S	Au-pptm S	B-pptm S	Ba-pptm S
H59R0900	.700	.70	1.50	.030	20	N	N	N	100	100
H59R0910	.200	.50	.30	.150	15	N	N	N	100	100
H59R0920	.500	.70	.50	.200	10	N	N	N	100	100
H59R0930	.500	.50	.50	.100	10	N	N	N	100	100
H59R0940	.700	.70	1.00	.100	10	N	N	N	100	100
H59R0950	1.500	2.00	2.00	.500	70	N	N	N	100	200
H59R0960	5.000	.50	.70	.200	20	N	N	N	100	200
H59R0970	2.000	.70	.70	.300	20	N	N	N	100	200
H59R0980	2.000	.50	.50	.300	20	N	N	N	100	200
H59R0990	.500	.70	1.00	.200	15	N	N	N	100	200
H59R1000	.300	.02	.05	.020	10	N	N	N	100	20
H59R1010	.500	.02	.05	.020	15	N	N	N	100	50
H59R1020	.500	.05	.07	.200	10	N	N	N	100	100
H59R1030	.500	.10	.05	.300	10	N	N	N	100	100
H59R1040	.500	.20	.10	.200	20	N	N	N	100	100
H59R1050	.500	.10	.10	.100	20	N	N	N	100	100
H59R1060	.500	.15	.07	.300	20	N	N	N	100	200
H59R1070	.070	.02	<.05	.010	15	N	N	N	30	20
H59R1080	1.000	.30	.05	.300	10	N	N	N	100	200
H59R1090	.500	.30	.10	.200	10	N	N	N	100	150
H59R1100	.100	.05	.10	.015	10	N	N	N	70	50
H59R1110	.070	.05	.05	.030	10	N	N	N	50	100
H59R1120	.070	.02	<.05	.007	10	N	N	N	50	100
H59R1130	.200	.05	.05	.015	10	N	N	N	70	150
H59R1140	.100	.05	.07	.050	15	N	N	N	100	100
H59R1150	.070	.02	.05	.020	10	N	N	N	50	50
H59R1160	.050	.02	<.05	.015	10	N	N	N	50	70
H59R1170	<.050	<.02	<.05	.003	10	N	N	N	30	50
H59R1180	1.000	.02	.05	.020	10	N	N	N	50	70
H59R1190	.100	.02	.05	.030	10	N	N	N	50	50
H59R1200	.200	.20	.10	.100	15	N	N	N	100	100
H59R1210	.500	.30	.05	.500	15	N	N	N	100	150
H59R1220	<.050	.03	.05	.007	10	N	N	N	100	50
H59R1230	.500	.30	.10	.500	15	N	N	N	100	200
H59R1240	1.000	.50	.07	.500	100	N	N	N	100	200
H59R1250	<.050	.02	<.05	.020	10	N	N	N	30	70
H59R1260	.050	.02	<.05	.005	10	N	N	N	20	30
H59R1270	.058	.05	<.05	.030	10	N	N	N	20	50
H59R1280	.200	.10	<.05	.050	15	N	N	N	30	50
H59R1290	1.000	.10	.10	.100	20	N	N	N	50	150
H59R1300	.500	.30	.05	.200	20	N	N	N	50	100
H59R1310	.100	.10	.05	.050	10	N	N	N	50	50
H59R1320	.100	.20	.10	.050	10	N	N	N	50	100
H59R1330	.300	.50	.15	.300	20	N	N	N	150	100
H59R1340	.300	.50	.07	.200	20	N	N	N	150	100

TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE-RESIDUE SAMPLES FROM DRILL HOLE NO. H59, HARRISON 1 X 2
QUADRANGLE, MISSOURI AND ARKANSAS--Continued

Sample	Be-ppm S	Bi-ppm S	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Nb-ppm S	Ni-ppm S	Pb-ppm S
H59R0900	<1.0	N	N	N	10	7	N	<5	N	10	10
H59R0910	<1.0	N	N	N	15	5	N	5	N	10	<10
H59R0920	<1.0	N	N	N	15	10	N	5	N	10	10
H59R0930	<1.0	N	N	N	15	5	N	<5	N	10	<10
H59R0940	<1.0	N	N	N	15	7	N	<5	N	15	50
H59R0950	1.0	N	N	10	100	20	N	10	N	50	50
H59R0960	<1.0	N	N	N	50	30	N	5	N	20	20
H59R0970	1.0	N	N	5	50	50	N	10	N	50	50
H59R0980	1.0	N	N	7	50	50	N	15	N	50	50
H59R0990	N	N	N	5	30	20	N	15	N	30	50
H59R1000	N	N	N	N	15	5	N	<5	N	5	<10
H59R1010	<1.0	N	N	N	15	7	N	<5	N	20	10
H59R1020	<1.0	N	N	N	20	30	N	15	N	10	50
H59R1030	<1.0	N	N	N	20	20	N	10	N	7	15
H59R1040	<1.0	N	N	N	20	20	N	7	N	10	10
H59R1050	<1.0	N	N	N	20	10	N	5	N	10	10
H59R1060	<1.0	N	N	N	20	15	N	5	N	<5	10
H59R1070	<1.0	N	N	N	15	70	N	<5	N	<5	<10
H59R1080	1.0	N	N	10	70	70	N	15	N	50	50
H59R1090	1.0	N	N	5	50	15	N	5	N	10	15
H59R1100	N	N	N	N	20	10	N	<5	N	5	<10
H59R1110	N	N	N	N	20	<5	N	N	N	5	<10
H59R1120	N	N	N	N	20	<5	N	N	N	5	<10
H59R1130	N	N	N	N	20	<5	N	<5	N	5	<10
H59R1140	<1.0	N	N	N	20	<5	N	<5	N	5	<10
H59R1150	<1.0	N	N	N	20	<5	N	5	N	5	<10
H59R1160	N	N	N	N	20	50	N	<5	N	5	<10
H59R1170	N	N	N	N	20	<5	N	<5	N	<5	<10
H59R1180	<1.0	N	N	N	20	20	N	10	N	15	<10
H59R1190	N	N	N	N	20	100	N	5	N	5	<10
H59R1200	<1.0	N	N	N	20	7	N	7	N	7	<10
H59R1210	1.0	N	N	N	30	50	N	15	N	10	30
H59R1220	N	N	N	N	20	<5	N	5	N	<5	<10
H59R1230	1.0	N	N	<5	50	15	N	10	N	10	15
H59R1240	1.0	N	N	5	50	50	N	5	N	15	15
H59R1250	N	N	N	N	20	<5	N	<5	N	<5	<10
H59R1260	N	N	N	N	20	5	N	<5	N	<5	<10
H59R1270	N	N	N	5	20	50	N	<5	N	<5	<10
H59R1280	N	N	N	15	20	10	N	7	N	10	<10
H59R1290	<1.0	N	N	10	20	30	N	15	N	10	30
H59R1300	N	N	N	5	20	20	N	15	N	10	30
H59R1310	N	N	N	<5	15	7	N	5	N	7	<10
H59R1320	<1.0	N	N	N	20	7	N	<5	N	5	<10
H59R1330	1.0	N	N	5	50	15	N	15	N	100	20
H59R1340	1.0	N	N	N	50	10	N	7	N	15	20

TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE-RESIDUE SAMPLES FROM DRILL HOLE NO. H59, HARRISON 1 X 2
QUADRANGLE, MISSOURI AND ARKANSAS--Continued

Sample	Sb-ppm S	Sc-ppm S	Sn-ppm S	Sr-ppm S	V-ppm S	W-ppm S	Y-ppm S	Zn-ppm S	Zr-ppm S	Th-ppm S	Form
H59R0900	N	N	N	N	10	<50	N	N	<10	N	20
H59R0910	N	N	N	N	15	<50	N	N	30	N	20
H59R0920	N	N	N	N	10	<50	N	N	30	N	20
H59R0930	N	N	N	N	15	<50	N	N	50	N	20
H59R0940	N	N	N	N	20	<50	N	N	70	N	20
H59R0950	N	N	N	N	50	<50	N	N	150	N	20
H59R0960	N	N	N	N	50	<50	N	N	50	N	20
H59R0970	N	N	N	N	70	<50	N	N	70	N	20
H59R0980	N	N	N	N	100	<50	N	N	100	N	20
H59R0990	N	N	N	N	100	<50	N	N	70	N	20
H59R1000	N	N	N	N	10	<50	N	N	N	N	20
H59R1010	N	N	N	N	10	<50	N	N	N	N	20
H59R1020	N	N	N	N	100	<50	N	N	70	N	20
H59R1030	N	N	N	N	50	<50	N	N	50	N	20
H59R1040	N	N	N	N	50	<50	N	N	50	N	20
H59R1050	N	N	N	N	15	<50	N	N	70	N	20
H59R1060	N	N	N	N	30	<50	N	N	70	N	20
H59R1070	N	N	N	N	10	<50	N	N	<10	N	20
H59R1080	N	N	N	N	70	<50	N	N	70	N	20
H59R1090	N	N	N	N	50	<50	N	N	50	N	20
H59R1100	N	N	N	N	10	<50	N	N	15	N	19
H59R1110	N	N	N	N	20	<50	N	N	<10	N	19
H59R1120	N	N	N	N	10	<50	N	N	20	N	19
H59R1130	N	N	N	N	15	<50	N	N	15	N	19
H59R1140	N	N	N	N	20	<50	N	N	30	N	19
H59R1150	N	N	N	N	10	<50	N	N	20	N	19
H59R1160	N	N	N	N	10	<50	N	N	15	N	19
H59R1170	N	N	N	N	10	<50	N	N	15	N	19
H59R1180	N	N	N	N	20	<50	N	N	20	N	19
H59R1190	N	N	N	N	20	<50	N	N	20	N	19
H59R1200	N	N	N	N	20	<50	N	N	50	N	19
H59R1210	N	N	N	N	50	<50	N	N	100	N	19
H59R1220	N	N	N	N	<10	<50	N	N	N	N	19
H59R1230	N	N	N	N	100	<50	N	N	150	N	19
H59R1240	N	N	N	N	100	<50	N	N	100	N	19
H59R1250	N	N	N	N	10	<50	N	N	50	N	19
H59R1260	N	N	N	N	<10	<50	N	N	10	N	19
H59R1270	N	N	N	N	<10	<50	N	N	50	N	18
H59R1280	N	N	N	N	10	<50	N	N	100	N	18
H59R1290	N	N	N	N	20	<50	N	N	100	N	18
H59R1300	N	N	N	N	20	<50	N	N	100	N	18
H59R1310	N	N	N	N	10	<50	N	N	20	N	18
H59R1320	N	N	N	N	15	<50	N	N	20	N	18
H59R1330	N	N	N	N	50	<50	N	N	100	N	18
H59R1340	N	<5	N	N	50	<50	N	N	70	N	18

TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE-RESIDUE SAMPLES FROM DRILL HOLE NO. H59, HARRISON 1 X 2
QUADRANGLE, MISSOURI AND ARKANSAS--Continued

Sample	Fe-pct. S	Hg-pct. S	Ca-pct. S	Ti-pct. S	Mn-ppm S	Ag-ppm S	As-ppm S	Au-ppm S	R-pdm S	Pb-pdm S
H59R1350	.100	.20	.05	.030	15	N	N	N	100	30
H59R1360	.200	.20	.07	.100	15	N	N	N	100	100
H59R1370	<.050	.03	.10	.002	10	N	N	N	50	50
H59R1380	.050	.02	.05	.003	10	N	N	N	70	50
H59R1390	<.050	.02	.07	.003	10	N	N	N	70	50
H59R1400	<.050	.02	.07	.010	10	N	N	N	100	70
H59R1410	.050	.03	.07	.005	10	N	N	N	70	50
H59R1420	.050	.02	.05	.002	10	N	N	N	100	20
H59R1430	.150	.10	.07	.100	10	N	N	N	100	70
H59R1440	.200	.15	.10	.100	10	N	N	N	70	100
H59R1450	<.050	.02	<.05	.002	10	N	N	N	50	50
H59R1460	.050	.02	.05	.002	10	N	N	N	70	50
H59R1470	.200	.03	.05	.010	20	N	N	N	70	30
H59R1480	.150	.03	.05	.050	15	N	N	N	100	30
H59R1490	.070	.05	.07	.020	15	N	N	N	50	50
H59R1500	.300	.05	.05	.050	20	<.5	N	N	100	100
H59R1510	.100	.03	<.05	.030	10	N	N	N	100	100
H59R1520	.050	.02	<.05	.002	10	N	N	N	50	70
H59R1530	.100	.05	.05	.030	10	N	N	N	50	50
H59R1540	.100	.05	.05	.020	15	N	N	N	70	50
H59R1550	.150	.07	.05	.050	15	N	N	N	50	100
H59R1560	.100	.05	.05	.030	10	N	N	N	50	100
H59R1570	.200	.50	.10	.300	15	N	N	N	100	150
H59R1580	.070	.10	.07	.020	15	N	N	N	70	50
H59R1590	.500	.10	.05	.150	20	N	N	N	70	150
H59R1600	.150	.10	.05	.050	15	N	N	N	50	30
H59R1610	1.000	.15	.07	.150	20	N	<200	N	70	150
H59R1620	.300	.09	.05	.005	15	N	N	N	50	100
H59R1630	.070	.07	.10	.003	10	N	N	N	50	100
H59R1640	.100	.10	.10	.003	10	N	N	N	50	20
H59R1650	.050	.07	<.05	.010	10	N	N	N	30	20
H59R1660	<.050	.02	<.05	.050	10	N	N	N	30	20
H59R1670	<.050	.02	<.05	.007	10	N	N	N	30	20
H59R1680	<.050	<.02	<.05	.005	10	N	N	N	20	20
H59R1690	<.050	.02	<.05	.005	10	N	N	N	20	20
H59R1700	<.050	.02	<.05	.007	10	N	N	N	20	20
H59R1710	<.050	.02	<.05	.005	10	N	N	N	20	20
H59R1720	.100	.03	<.05	.015	15	N	N	N	30	20
H59R1725	.150	.02	<.05	.020	10	N	N	N	30	20

TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE-RESIDUE SAMPLES FROM DRILL HOLE NO. H59, HARRISON 1 X 2
QUADRANGLE, MISSOURI AND ARKANSAS--Continued

Sample	Re-ppm S	Ri-ppm S	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Nb-ppm S	Ni-ppm S	Pb-ppm S
H59R1350	<1.0	N	N	N	20	5	N	<5	N	7	<10
H59R1360	1.0	N	N	N	30	10	N	<5	N	10	<10
H59R1370	N	N	N	N	20	10	N	<5	N	7	<10
H59R1380	N	N	N	N	20	5	N	5	N	5	<10
H59R1390	N	N	N	N	20	<5	N	5	N	7	<10
H59R1400	N	N	N	N	20	<5	N	<5	N	5	<10
H59R1410	N	N	N	N	20	<5	N	5	N	7	<10
H59R1420	N	N	N	N	20	5	N	5	N	7	<10
H59R1430	<1.0	N	N	10	30	10	N	7	N	7	<10
H59R1440	N	N	N	100	50	10	N	5	N	10	<10
H59R1450	N	N	N	N	20	<5	N	<5	N	5	<10
H59R1460	N	N	N	N	20	<5	N	<5	N	10	<10
H59R1470	N	N	N	50	20	5	N	7	N	70	<10
H59R1480	N	N	N	50	20	5	N	7	N	50	<10
H59R1490	N	N	N	5	20	5	N	<5	N	7	<10
H59R1500	N	N	N	20	20	15	N	70	N	150	<10
H59R1510	N	N	N	N	30	5	N	30	N	10	<10
H59R1520	N	N	N	7	20	<5	N	5	N	7	<10
H59R1530	N	N	N	N	20	5	N	10	N	7	<10
H59R1540	N	N	N	N	20	<5	N	7	N	50	<10
H59R1550	N	N	N	N	20	7	N	15	N	50	<10
H59R1560	N	N	N	N	20	5	N	15	N	7	<10
H59R1570	1.0	N	N	N	50	10	N	10	N	10	15
H59R1580	N	N	N	N	20	<5	N	<5	N	10	<10
H59R1590	N	N	N	N	30	15	N	20	N	15	<10
H59R1600	N	N	N	N	20	5	N	5	N	7	<10
H59R1610	N	N	N	N	20	7	N	7	N	7	<10
H59R1620	N	N	N	N	20	70	N	5	N	10	<10
H59R1630	N	N	N	N	20	<5	N	5	N	10	<10
H59R1640	N	N	N	N	20	<5	N	<5	N	5	<10
H59R1650	N	N	N	N	20	<5	N	5	N	5	<10
H59R1660	N	N	N	N	20	5	N	<5	N	5	<10
H59R1670	N	N	N	N	20	<5	N	5	N	5	<10
H59R1680	N	N	N	N	20	<5	N	<5	N	5	<10
H59R1690	N	N	N	N	20	<5	N	N	N	5	<10
H59R1700	N	N	N	N	20	<5	N	N	N	5	<10
H59R1710	N	N	N	N	20	<5	N	N	N	5	<10
H59R1720	N	N	N	N	20	15	N	N	N	5	<10
H59R1725	N	N	N	N	20	5	N	N	N	5	<10

TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE-RESIDUE SAMPLES FROM DRILL HOLE NO. H59, HARRISON 1 X 2
QUADRANGLE, MISSOURI AND ARKANSAS--Continued

Sample	Sh-ppm S	Sc-ppm S	Sn-ppm S	Sr-ppm S	V-ppm S	W-ppm S	Y-ppm S	Zn-ppm S	Zr-ppm S	Th-ppm S	Form
H59R1350	N	<5	N	N	20	<50	N	N	20	N	18
H59R1360	N	<5	N	N	50	<50	N	N	50	N	18
H59R1370	N	N	N	N	<10	<50	N	N	N	N	18
H59R1380	N	N	N	N	<10	<50	N	N	N	N	18
H59R1390	N	N	N	N	<10	<50	N	N	N	N	18
H59R1400	N	N	N	N	<10	<50	N	N	N	N	18
H59R1410	N	N	N	N	<10	<50	N	N	N	N	18
H59R1420	N	N	N	N	10	<50	N	N	N	N	18
H59R1430	N	N	N	N	50	<50	N	N	50	N	18
H59R1440	N	N	N	N	70	<50	N	N	30	N	18
H59R1450	N	N	N	N	<10	<50	N	N	N	N	18
H59R1460	N	N	N	N	<10	<50	N	N	N	N	18
H59R1470	N	N	N	N	10	<50	N	N	N	N	18
H59R1480	N	N	N	N	150	100	N	N	10	N	18
H59R1490	N	N	N	N	200	<50	N	N	N	N	18
H59R1500	N	N	N	N	100	<50	N	N	20	N	18
H59R1510	N	N	N	N	50	50	N	N	15	N	18
H59R1520	N	N	N	N	<10	50	N	N	N	N	18
H59R1530	N	N	N	N	20	<50	N	N	N	N	18
H59R1540	N	N	N	N	20	<50	N	N	<10	N	18
H59R1550	N	N	N	N	50	<50	N	N	30	N	18
H59R1560	N	N	N	N	50	<50	N	N	15	N	18
H59R1570	N	N	N	N	200	50	N	N	100	N	18
H59R1580	N	N	N	N	20	<50	N	N	<10	N	18
H59R1590	N	N	N	N	50	<50	N	N	50	N	18
H59R1600	N	N	N	N	20	50	N	N	10	N	18
H59R1610	N	N	N	N	30	<50	N	N	70	N	18
H59R1620	N	N	N	N	10	<50	N	N	30	N	18
H59R1630	N	N	N	N	<10	<50	N	N	N	N	18
H59R1640	N	N	N	N	<10	<50	N	N	N	N	18
H59R1650	N	N	N	N	<10	<50	N	N	50	N	18
H59R1660	N	N	N	N	<10	50	N	N	50	N	17
H59R1670	N	N	N	N	<10	<50	N	N	50	N	17
H59R1680	N	N	N	N	<10	<50	N	N	20	N	17
H59R1690	N	N	N	N	<10	<50	N	N	100	N	17
H59R1700	N	N	N	N	<10	<50	N	N	50	N	17
H59R1710	N	N	N	N	<10	<50	N	N	30	N	17
H59R1720	N	N	N	N	<10	<50	N	N	50	N	16
H59R1725	N	N	N	N	<10	<50	N	N	20	N	16

TABLE 2.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE-RESIDUE SAMPLES FROM DRILL HOLE NO. H60, HARRISON 1 X 2
QUADRANGLE, MISSOURI AND ARKANSAS

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

Sample	Fe-pct. S	Mg-pct. S	Ca-pct. S	Ti-pct. S	Mn-ppm S	Ag-ppm S	As-ppm S	Au-ppm S	B-ppm S	Pb-ppm S
H60R0010	2.00	.20	.15	.200	150	N	N	N	70	100
H60R0020	2.00	.30	.10	.700	150	N	N	N	100	200
H60R0030	2.00	.30	.05	.500	100	N	N	N	100	200
H60R0040	1.50	.30	.20	.300	70	N	N	N	100	200
H60R0050	.20	.30	.50	.015	10	N	N	N	70	50
H60R0060	.30	.20	.30	.010	10	N	N	N	70	30
H60R0070	3.00	.50	1.00	.070	30	N	200	N	50	50
H60R0080	1.00	.70	1.50	.200	50	N	N	N	70	150
H60R0090	.50	.70	2.00	.050	50	N	N	N	50	70
H60R0100	1.50	2.00	5.00	.100	100	N	N	N	70	70
H60R0110	.50	1.00	2.00	.100	20	N	N	N	150	100
H60R0120	1.00	1.50	3.00	.100	30	N	N	N	100	70
H60R0130	2.00	1.00	2.00	.070	50	N	N	N	100	70
H60R0140	1.50	.70	.50	.070	70	N	N	N	100	50
H60R0150	1.00	.70	1.00	.070	20	N	N	N	100	100
H60R0160	.07	.30	.50	.010	15	N	N	N	50	20
H60R0170	1.50	.20	.15	.100	15	N	N	N	50	100
H60R0180	.70	.30	.20	.070	10	N	N	N	70	70
H60R0190	2.00	.50	.15	.200	50	.5	N	N	70	100
H60R0200	1.00	.30	.50	.100	15	N	N	N	100	100
H60R0210	.50	.10	.07	.070	10	N	N	N	100	50
H60R0220	5.00	.70	.30	.500	20	N	N	N	100	200
H60R0230	2.00	1.00	1.50	.500	20	N	N	N	150	100
H60R0240	1.50	.70	1.00	.200	15	N	<200	N	100	150
H60R0250	1.00	.10	.15	.070	10	N	N	N	50	150
H60R0260	1.00	.15	.50	.100	10	N	N	N	70	100
H60R0270	.50	.05	.15	.010	10	N	N	N	50	100
H60R0280	.50	.05	.10	.010	10	N	N	N	50	200
H60R0290	.20	.07	.10	.015	10	N	N	N	50	50
H60R0300	.20	.07	.10	.020	10	N	N	N	50	30
H60R0310	.50	.15	.15	.070	10	N	N	N	70	100
H60R0320	.20	.20	.30	.050	10	N	N	N	50	100
H60R0330	.07	.02	.10	.010	10	N	N	N	20	20
H60R0340	.10	.02	.05	.010	10	N	N	N	30	20
H60R0350	.50	.30	.20	.070	10	N	N	N	50	200
H60R0360	.50	.20	.30	.050	10	N	N	N	50	50
H60R0370	.15	.05	.10	.010	10	N	N	N	50	70
H60R0380	.50	.70	1.50	.150	15	N	N	N	70	150
H60R0390	.50	.70	1.00	.200	30	N	N	N	50	50
H60R0400	.07	.07	.15	.010	<10	N	N	N	20	50
H60R0410	.07	.07	.10	.010	<10	N	N	N	10	50
H60R0420	.30	.20	.20	.050	<10	N	N	N	50	50
H60R0430	.20	.10	.20	.015	<10	N	N	N	30	70
H60R0440	.30	.10	.15	.015	<10	N	N	N	20	50
H60R0450	2.00	.50	.70	.200	50	<.5	<200	N	70	100

TABLE 2.--- SPECTROGRAPHIC ANALYSES OF INSOLUBLE-RESIDUE SAMPLES FROM DRILL HOLE NO. H60, HARRISON 1 X 2
QUADRANGLE, MISSOURI AND ARKANSAS--Continued

Sample	Fe-ppm S	Ri-ppm S	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Nb-ppm S	Ni-ppm S	Pb-ppm S
H60R0010	<1.0	N	N	N	30	5	N	<5	N	10	<10
H60R0020	1.0	N	N	N	50	5	N	<5	<20	15	<10
H60R0030	<1.0	N	N	N	50	7	N	N	<20	15	<10
H60P0040	<1.0	N	N	N	20	5	N	<5	N	10	<10
H60R0050	N	N	N	N	10	<5	N	N	N	<5	<10
H60R0060	N	N	N	N	<10	<5	N	N	N	<5	<10
H60R0070	<1.0	N	N	N	10	7	N	N	N	5	10
H60R0080	1.0	N	N	N	20	10	N	56	N	7	15
H60R0090	N	N	N	N	15	5	N	N	N	5	<10
H60R0100	1.0	N	N	N	15	15	N	7	N	15	20
H60R0110	1.0	N	N	N	20	7	N	N	N	10	10
H60R0120	<1.0	N	N	N	20	20	N	10	N	10	15
H60R0130	<1.0	N	N	N	20	20	N	7	N	15	50
H60R0140	N	N	N	N	20	7	N	5	N	7	<10
H60R0150	<1.0	N	N	N	20	5	N	5	N	7	10
H60R0160	<1.0	N	N	N	10	5	N	N	N	5	N
H60R0170	1.0	N	N	N	20	10	N	5	N	7	<10
H60R0180	<1.0	N	N	N	15	5	N	5	N	5	<10
H60R0190	1.0	N	N	10	20	50	N	100	N	30	50
H60R0200	<1.0	N	N	N	15	7	N	50	N	10	10
H60R0210	<1.0	N	N	N	10	5	N	10	N	7	<10
H60R0220	1.0	N	N	5	50	20	N	15	N	30	50
H60R0230	1.0	N	N	5	50	20	N	10	N	50	50
H60R0240	<1.0	N	N	<5	30	15	N	15	N	15	20
H60R0250	N	N	N	N	10	7	N	10	N	7	<10
H60R0260	<1.0	N	N	N	10	7	N	10	N	10	<10
H60R0270	<1.0	N	N	N	10	<5	N	7	N	7	N
H60R0280	<1.0	N	N	N	10	5	N	15	N	7	<10
H60R0290	<1.0	N	N	N	10	<5	N	5	N	7	<10
H60P0300	<1.0	N	N	N	10	<5	N	5	N	7	<10
H60R0310	<1.0	N	N	N	15	5	N	7	N	10	<10
H60R0320	<1.0	N	N	N	10	<5	N	10	N	7	<10
H60R0330	<1.0	N	N	N	10	<5	N	5	N	7	<10
H60R0340	<1.0	N	N	N	15	<5	N	5	N	<5	<10
H60R0350	<1.0	N	N	N	15	5	N	20	N	10	10
H60R0360	<1.0	N	N	N	10	5	N	10	N	7	<10
H60R0370	<1.0	N	N	N	10	<5	N	10	N	5	<10
H60P0380	<1.0	N	N	N	15	15	N	15	N	7	10
H60R0390	N	N	N	N	<10	7	N	5	N	7	<10
H60P0400	N	N	N	N	<10	5	N	10	N	5	N
H60R0410	N	N	N	N	<10	<5	N	5	N	5	<10
H60R0420	N	N	N	N	<10	20	N	15	N	10	<10
H60P0430	N	N	N	N	<10	20	N	15	N	10	<10
H60R0440	N	N	N	N	<10	15	N	20	N	10	10
H60R0450	1.0	N	20	10	20	20	N	150	N	50	100

TABLE 2.--- SPECTROGRAPHIC ANALYSES OF INSOLUBLE-RESIDUE SAMPLES FROM DRILL HOLE NO. H60, HARRISON 1 X 2
QUADRANGLE, MISSOURI AND ARKANSAS--Continued

Sample	Sb-ppm S	Sc-ppm S	Sn-ppm S	Sr-ppm S	V-ppm S	W-ppm S	Y-ppm S	Zn-ppm S	Zr-ppm S	Th-ppm S	Form
H60R0010	N	5	N	N	50	<50	N	<200	100	N	20
H60R0020	N	5	N	N	70	<50	15	N	500	N	20
H60R0030	N	5	N	N	70	<50	15	N	500	N	20
H60R0040	N	<5	N	N	50	<50	10	N	200	N	20
H60R0050	N	N	N	N	10	<50	N	N	<10	N	20
H60R0060	N	N	N	N	<10	<50	N	N	N	N	20
H60R0070	N	N	N	N	15	<50	N	N	10	N	20
H60R0080	N	N	N	N	30	<50	N	N	50	N	20
H60R0090	N	N	N	N	15	<50	N	N	N	N	20
H60R0100	N	N	N	N	15	<50	N	N	20	N	20
H60R0110	N	N	N	N	20	<50	N	N	20	N	20
H60R0120	N	N	N	N	20	<50	N	N	20	N	20
H60R0130	N	N	N	N	15	<50	N	N	50	N	20
H60R0140	N	N	N	N	10	<50	N	N	<10	N	20
H60R0150	N	N	N	N	15	<50	N	N	15	N	20
H60R0160	N	N	N	N	10	<50	N	N	<10	N	20
H60R0170	N	N	N	N	20	<50	N	N	20	N	20
H60R0180	N	N	N	N	30	<50	N	N	10	N	20
H60R0190	N	<5	N	N	50	<50	N	N	50	N	20
H60R0200	N	N	N	N	50	N	N	N	30	N	20
H60R0210	N	N	N	N	15	N	N	N	20	N	20
H60R0220	N	N	N	N	50	N	N	N	100	N	20
H60R0230	N	N	N	N	100	N	N	N	50	N	20
H60R0240	N	N	N	N	50	N	N	<200	100	N	19
H60R0250	N	N	N	N	15	N	N	200	70	N	19
H60R0260	N	N	N	N	20	N	N	N	30	N	19
H60R0270	N	N	N	N	<10	N	N	N	N	N	19
H60R0280	N	N	N	N	<10	N	N	7,000	N	N	19
H60R0290	N	N	N	N	<10	N	N	N	10	N	19
H60P0300	N	N	N	N	10	N	N	N	15	N	19
H60R0310	N	N	N	N	15	N	N	N	30	N	19
H60R0320	N	N	N	N	10	N	N	N	30	N	19
H60R0330	N	N	N	N	<10	N	N	<200	30	N	19
H60R0340	N	N	N	N	10	N	N	300	20	N	19
H60P0350	N	N	N	N	20	50	N	N	300	N	19
H60R0360	N	N	N	N	15	<50	N	N	10	N	19
H60R0370	N	N	N	N	10	50	N	N	N	N	19
H60R0380	N	N	N	N	100	50	N	N	50	N	19
H60R0390	N	N	N	N	70	<50	N	N	30	N	19
H60R0400	N	N	N	N	10	<50	N	N	15	N	19
H60P0410	N	N	N	N	10	<50	N	N	30	N	19
H60P0420	N	N	N	N	50	<50	N	N	20	N	19
H60P0430	N	N	N	N	15	<50	N	N	20	N	19
H60R0440	N	N	N	N	<10	<50	N	2,000	<10	N	18
H60R0450	N	N	N	N	20	<50	N	5,000	50	N	18

TABLE 2.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE-RESIDUE SAMPLES FROM DRILL HOLE NO. H60, HARRISON 1 X 2
QUADRANGLE, MISSOURI AND ARKANSAS--Continued

Sample	Fe-pct. S	Mg-pct. S	Ca-pct. S	Ti-pct. S	Mn-ppt S	Ag-ppt S	As-ppt S	Au-ppt S	B-ppt S	Ba-ppt S
H60R0460	.10	.05	.15	.015	<10	N	N	N	50	50
H60R0470	.15	.20	.20	.015	<10	N	N	N	50	70
H60R0480	1.00	.50	.50	.100	<10	N	N	N	50	70
H60R0490	.10	.10	.15	.010	<10	N	N	N	70	20
H60R0500	.30	.50	.70	.150	<10	N	N	N	50	50
H60R0510	.15	.50	.50	.070	<10	N	N	N	30	50
H60R0520	<.05	<.02	<.05	<.002	<10	N	N	N	50	70
H60R0530	<.05	.10	.30	.003	<10	N	N	N	30	70
H60R0540	<.05	.50	.70	<.002	<10	N	N	N	50	50
H60R0550	<.05	.10	.20	.005	<10	N	N	N	70	50
H60R0560	.05	.20	.30	.002	<10	N	N	N	50	20
H60R0570	.20	.10	.20	.007	<10	N	N	N	70	100
H60R0580	.05	.30	.50	.020	<10	N	N	N	20	20
H60R0590	.05	.20	.20	.010	<10	N	N	N	30	<20
H60R0600	<.05	.20	.30	.010	<10	N	N	N	20	<20
H60R0610	.05	.07	.20	.010	<10	N	N	N	50	50
H60R0620	<.05	.10	.20	.015	<10	N	N	N	30	50
H60R0630	.15	.20	.20	.020	<10	N	N	N	20	30
H60R0640	.07	.15	.15	.010	20	N	N	N	50	50
H60R0650	.30	.20	.15	.070	10	N	N	N	50	70
H60R0660	.05	.20	.15	.015	10	N	N	N	30	50
H60R0670	.10	.10	.10	.020	10	N	N	N	30	50
H60R0680	.10	.05	.05	.005	<10	N	N	N	30	30
H60R0690	.20	.20	.15	.070	15	N	N	N	50	50
H60R0700	7.00	.07	.05	.070	10	5.0	700	N	100	50
H60R0710	1.00	.10	.05	.020	10	N	N	N	50	20
H60R0720	.70	.10	.07	.015	10	N	N	N	30	20
H60R0730	1.50	.15	.05	.070	10	N	N	N	50	50
H60R0740	1.00	.07	.05	.030	<10	N	N	N	50	50
H60R0760	1.00	.10	.05	.050	10	N	N	N	30	50
H60R0770	15.00	.70	.07	.300	70	5.0	N	N	300	200
H60R0780	.70	.07	.05	.010	10	N	N	N	30	30
H60R0790	1.00	.30	.07	.150	15	N	N	N	50	100
H60R0800	1.00	.05	.05	.015	15	N	N	N	30	20
H60R0810	1.50	.50	1.00	.070	20	N	200	N	100	30
H60R0820	.05	.05	<.05	.005	15	N	N	N	50	<20
H60R0830	.15	.05	<.05	.005	20	N	N	N	10	20
H60R0840	<.05	.05	<.05	.005	15	N	N	N	10	<20
H60R0850	<.05	.05	<.05	.007	15	N	N	N	10	20
H60R0860	<.05	.05	.05	.005	10	N	N	N	15	<20
H60R0870	<.05	.07	<.05	.007	10	N	N	N	20	20
H60R0880	<.05	.03	<.05	.005	10	N	N	N	20	<20
H60R0890	.05	.05	<.05	.007	10	N	N	N	20	50
H60R0900	1.50	.05	.05	.005	10	<.5	<200	N	50	70
H60R0910	1.50	.30	.15	.100	10	N	200	N	100	20

TABLE 2.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE-RESIDUE SAMPLES FROM DRILL HOLE NO. H60, HARRISON 1 X 2
QUADRANGLE, MISSOURI AND ARKANSAS--Continued

Sample	Re-ppm S	Bi-ppm S	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Nb-ppm S	Ni-ppm S	Pb-ppm S
H60R0460	<1.0	N	N	N	10	<5	N	7	N	7	N
H60R0470	<1.0	N	N	N	<10	<5	N	7	N	7	N
H60R0480	N	N	N	N	<10	10	N	5	N	10	15
H60R0490	N	N	N	N	<10	<5	N	5	N	5	10
H60R0500	N	N	N	N	<10	20	N	5	N	7	10
H60R0510	N	N	N	N	<10	10	N	<5	N	7	N
H60R0520	N	N	N	N	<10	<5	N	<5	N	<5	N
H60R0530	N	N	N	N	<10	<5	N	5	N	5	N
H60R0540	N	N	N	N	<10	<5	N	<5	N	5	N
H60R0550	N	N	N	N	<10	10	N	<5	N	5	N
H60R0560	N	N	N	N	<10	5	N	<5	N	7	N
H60R0570	N	N	N	N	<10	5	N	<5	N	7	N
H60R0580	N	N	N	N	15	<5	N	N	N	5	N
H60R0590	N	N	N	N	10	<5	N	5	N	5	N
H60R0600	N	N	N	N	15	<5	N	<5	N	<5	N
H60R0610	N	N	N	N	15	<5	N	5	N	5	N
H60R0620	N	N	N	N	15	<5	N	N	N	5	N
H60R0630	N	N	N	N	15	10	N	<5	N	5	N
H60R0640	N	N	N	N	15	15	N	N	N	5	N
H60R0650	N	N	N	N	15	10	N	7	N	7	<10
H60R0660	N	N	N	N	15	<5	N	<5	N	5	N
H60R0670	N	N	N	N	15	5	N	5	N	5	N
H60R0680	N	N	N	N	15	30	N	5	N	7	N
H60R0690	N	N	N	N	15	10	N	5	N	7	10
H60R0700	N	N	N	30	15	200	N	30	N	100	150
H60R0710	1.5	N	N	N	15	7	N	50	N	10	10
H60R0720	N	N	N	N	15	7	N	100	N	20	<10
H60R0730	N	N	N	<5	15	15	N	30	N	20	30
H60R0740	N	N	N	<5	15	10	N	30	N	15	15
H60R0760	N	N	N	N	15	10	N	20	N	10	<10
H60R0770	2.0	N	N	20	150	200	N	30	N	100	200
H60R0780	N	N	N	N	10	7	N	15	N	7	N
H60R0790	1.0	N	N	N	15	10	N	7	N	10	20
H60R0800	<1.0	N	N	N	15	7	N	7	N	7	10
H60R0810	1.0	N	N	5	15	50	N	10	N	15	15
H60R0820	N	N	N	N	10	<5	N	<5	N	7	<10
H60R0830	N	N	N	10	10	<5	N	<5	N	5	<10
H60R0840	N	N	N	<5	10	<5	N	N	N	5	<10
H60R0850	N	N	N	N	10	<5	N	N	N	<5	<10
H60R0860	N	N	N	N	10	<5	N	N	N	<5	30
H60R0870	N	N	N	<5	10	<5	N	N	N	<5	<10
H60R0880	N	N	N	10	10	<5	N	N	N	<5	<10
H60R0890	N	N	N	N	10	<5	N	N	N	5	<10
H60R0900	N	N	N	<5	10	30	N	5	N	10	30
H60R0910	1.0	N	N	5	15	20	N	7	N	15	15

TABLE 2.--- SPECTROGRAPHIC ANALYSES OF INSOLUBLE-RESIDUE SAMPLES FROM DRILL HOLE NO. H60, HARRISON 1 X 2
QUADRANGLE, MISSOURI AND ARKANSAS--Continued.

Sample	Sb-ppm S	Sc-ppm S	Sn-ppm S	Sr-ppm S	Y-ppm S	W-ppm S	Y-ppm S	Zn-ppm S	Zr-ppm S	Th-ppm S	Form
H60R0460	N	N	N	N	<10	<50	N	N	N	N	18
H60R0470	N	N	N	N	<10	<50	N	N	N	N	18
H60R0480	N	N	N	N	20	<50	N	N	N	N	18
H60R0490	N	N	N	N	10	<50	N	N	N	N	18
H60R0500	N	N	N	N	15	<50	N	N	15	N	18
H60R0510	N	N	N	N	<10	<50	N	N	10	N	18
H60R0520	N	N	N	N	<10	<50	N	N	N	N	18
H60R0530	N	N	N	N	<10	50	N	N	N	N	18
H60R0540	N	N	N	N	<10	<50	N	N	N	N	18
H60R0550	N	N	N	N	<10	<50	N	N	N	N	18
H60R0560	N	N	N	N	<10	<50	N	N	N	N	18
H60R0570	N	N	N	N	<10	<50	N	N	N	N	18
H60R0580	N	N	N	N	<10	<50	N	N	N	N	18
H60R0590	N	N	N	N	<10	<50	N	N	N	N	18
H60R0600	N	N	N	N	<10	<50	N	N	N	N	18
H60R0610	N	N	N	N	<10	<50	N	N	N	N	18
H60R0620	N	N	N	N	10	<50	N	N	N	N	18
H60R0630	N	N	N	N	15	<50	N	N	N	N	18
H60R0640	N	N	N	N	<10	<50	N	N	N	N	18
H60R0650	N	N	N	N	20	<50	N	N	N	N	18
H60R0660	N	N	N	N	15	<50	N	N	N	N	18
H60R0670	N	N	N	N	20	<50	N	N	N	N	18
H60R0680	N	N	N	N	15	<50	N	N	N	N	18
H60R0690	N	N	N	N	50	<50	N	N	N	N	18
H60R0700	N	N	N	N	50	<50	N	N	20	N	18
H60R0710	N	N	N	N	10	<50	N	N	N	N	18
H60R0720	N	N	N	N	10	<50	N	N	N	N	18
H60R0730	N	N	N	N	50	<50	N	N	15	N	18
H60R0740	N	N	N	N	10	100	N	N	N	N	18
H60R0760	N	N	N	N	50	<50	N	N	<10	N	18
H60R0770	N	5	N	N	100	<50	N	N	100	N	18
H60R0780	N	N	N	N	<10	<50	N	N	<10	N	18
H60R0790	N	N	N	N	20	<50	N	N	50	N	18
H60R0800	N	N	N	N	<10	<50	N	N	N	N	18
H60R0810	N	N	N	N	15	<50	N	N	15	N	18
H60R0820	N	N	N	N	10	<50	N	N	N	N	18
H60R0830	N	N	N	N	10	150	N	N	N	N	17
H60R0840	N	N	N	N	<10	100	N	N	<10	N	17
H60R0850	N	N	N	N	<10	<50	N	N	15	N	17
H60R0860	N	N	N	N	<10	<50	N	N	15	N	17
H60R0870	N	N	N	N	<10	<50	N	N	70	N	17
H60R0880	N	N	N	N	<10	<50	N	N	50	N	17
H60R0890	N	N	N	N	<10	<50	N	N	10	N	17
H60R0900	N	N	N	N	50	<50	N	N	N	N	16
H60R0910	N	N	N	N	100	<50	N	N	50	N	16

TABLE 2.--- SPECTROGRAPHIC ANALYSES OF INSOLUBLE-RESIDUE SAMPLES FROM DRILL HOLE NO. H60, HARRISON 1 X 2
QUADRANGLE, MISSOURI AND ARKANSAS--Continued

Sample	Fe-pct. S	Mg-pct. S	Ca-pct. S	Ti-pct. S	Mn-ppm S	Ag-ppm S	As-ppm S	Au-ppm S	P-ppm S	Ra-ppm S
H60R0920	1.00	.50	.15	.100	15	N	N	N	70	20
H60R0930	2.00	.03	<.05	.015	15	N	<200	N	20	20
H60R0940	20.00	.70	.07	.070	20	5.0	1,000	N	700	20
H60R0950	3.00	.05	.05	.015	10	N	<200	N	50	<20
H60R0960	15.00	.50	.05	.200	50	7.0	500	N	200	70
H60R0970	1.50	.20	.10	.050	10	N	N	N	70	<20
H60R0980	15.00	.30	.10	.100	50	3.0	1,000	N	150	70
H60R0990	10.00	.20	.20	.050	15	<.5	200	N	100	20
H60R1000	3.00	.10	.10	.030	10	1.0	300	N	70	20
H60R1010	.30	.10	.15	.010	10	N	N	N	70	20
H60R1020	1.00	.05	.10	.015	10	N	N	N	50	50
H60R1030	.30	.10	.20	.020	10	N	N	N	50	50
H60R1040	.30	.10	.15	.015	15	N	N	N	50	70
H60R1050	1.50	.50	.15	.100	20	N	N	N	150	50
H60R1060	2.00	.50	.10	.200	20	N	200	N	200	50
H60R1080	20.00	.70	.10	.300	100	5.0	700	N	1,000	200
H60P1090	7.00	1.00	.10	.500	50	1.0	<200	N	500	100
H60R1100	15.00	.50	.10	.070	30	5.0	200	N	300	50
H60R1110	1.50	.20	.50	.015	<10	N	<200	N	50	30
H60R1120	.30	.15	.20	.040	<10	N	N	N	30	20
H60R1140	20.00	.20	.15	.050	20	3.0	2,000	N	100	70
H60R1150	10.00	.50	.15	.070	20	5.0	1,000	N	150	50
H60R1160	15.00	.70	.10	.300	50	3.0	1,000	N	500	100
H60R1170	1.50	.30	.50	.003	<10	N	<200	N	50	30
H60P1180	20.00	.20	.10	.070	30	2.0	1,000	N	100	<20
H60R1190	>20.00	.70	.30	.100	50	10.0	5,000	N	1,000	200
H60R1210	20.00	1.00	.10	.500	100	1.5	<200	N	500	100

TABLE 2.--- SPECTROGRAPHIC ANALYSES OF INSOLUBLE-RESIDUE SAMPLES FROM DRILL HOLE NO. H60, HARRISON 1 X 2
QUADRANGLE, MISSOURI AND ARKANSAS--Continued

Sample	Re-ppm S	Pi-ppm S	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Nb-ppm S	Ni-ppm S	Pb-ppm S
H60R0920	1.0	N	N	<5	20	20	N	10	N	15	20
H60R0930	N	N	N	<5	15	15	N	5	N	10	20
H60R0940	5.0	N	N	30	150	150	N	30	N	150	500
H60R0950	N	N	N	N	10	20	N	5	N	10	20
H60R0960	2.0	N	N	30	70	100	N	100	N	100	300
H60R0970	<1.0	N	N	<5	15	10	N	5	N	10	<10
H60R0980	1.0	N	N	30	50	150	N	50	N	100	200
H60R0990	N	N	N	7	15	100	N	7	N	20	100
H60R1000	N	N	N	5	15	70	N	7	N	30	70
H60R1010	N	N	N	N	10	10	N	N	N	7	N
H60R1020	N	N	N	N	15	7	N	<5	N	7	N
H60R1030	N	N	N	N	15	1,000	N	N	N	7	N
H60R1040	N	N	N	N	15	15	N	7	N	7	N
H60R1050	1.0	N	N	7	20	1,500	N	<5	N	20	N
H60R1060	1.0	N	N	7	20	100	N	20	N	30	50
H60R1080	2.0	N	N	50	100	200	N	50	N	200	200
H60R1090	3.0	N	N	30	100	100	N	15	N	70	150
H60R1100	1.0	N	N	20	10	100	N	15	N	70	300
H60R1110	N	N	N	N	10	10	N	7	N	10	15
H60R1120	N	N	N	N	15	5	N	<5	N	5	N
H60R1140	<1.0	N	N	50	10	200	N	100	N	300	150
H60R1150	1.0	N	N	15	50	150	N	50	N	100	150
H60R1160	1.5	N	N	50	100	150	N	70	N	200	150
H60R1170	<1.0	N	N	N	10	10	N	5	N	15	N
H60R1180	<1.0	N	N	20	20	150	N	100	N	100	100
H60R1190	2.0	N	N	70	70	300	N	30	N	500	1,000
H60R1210	5.0	N	N	30	100	200	N	50	N	150	150

TABLE 2.--- SPECTROGRAPHIC ANALYSES OF INSOLUBLE-RESIDUE SAMPLES FROM DRILL HOLE NO. H60, HARRISON 1 X 2
QUADRANGLE, MISSOURI AND ARKANSAS--Continued

Sample	Sb-ppm S	Sc-ppm S	Sn-ppm S	Sr-ppm S	V-ppm S	W-ppm S	Y-ppm S	Zn-ppm S	Zr-ppm S	Th-ppm S	Form
H60R0920	N	N	N	N	50	<50	N	N	50	N	16
H60R0930	N	N	N	N	10	<50	N	N	<10	N	16
H60R0940	N	N	N	N	150	<50	N	<200	20	N	16
H60R0950	N	N	N	N	15	<50	N	N	N	N	16
H60R0960	N	<5	N	N	150	<50	N	<200	50	N	16
H60R0970	N	N	N	N	20	<50	N	N	<10	N	16
H60R0980	N	<5	N	N	70	<50	N	<200	20	N	16
H60R0990	N	N	N	N	20	<50	N	N	N	N	16
H60R1000	N	N	N	N	20	<50	N	N	N	N	16
H60R1010	N	N	N	N	20	<50	N	N	N	N	16
H60R1020	N	N	N	N	15	<50	N	N	N	N	16
H60R1030	N	N	N	N	20	<50	N	N	N	N	16
H60R1040	N	N	N	N	10	<50	N	N	N	N	16
H60R1050	N	N	N	N	70	<50	N	N	20	N	16
H60R1060	N	N	N	N	100	<50	N	N	30	N	16
H60R1080	N	7	N	N	150	<50	N	<200	50	N	16
H60R1090	N	5	N	N	200	<50	N	N	100	N	16
H60R1100	N	<5	N	N	30	<50	N	N	30	N	16
H60R1110	N	N	N	N	10	<50	N	N	N	N	16
H60R1120	N	N	N	N	10	<50	N	N	N	N	16
H60R1140	N	N	N	N	30	<50	N	N	N	N	16
H60R1150	N	<5	N	N	100	<50	N	N	20	N	16
H60R1160	N	5	N	N	700	<50	N	N	70	N	16
H60R1170	N	N	N	N	15	<50	N	N	N	N	16
H60R1180	N	N	N	N	70	<50	N	N	N	N	16
H60R1190	N	5	N	N	100	<50	N	<200	20	N	16
H60R1210	N	10	N	N	500	<50	N	N	100	N	16

TABLE 3.-- SPECTROGRAPHIC ANALYSIS OF INSOLUBLE-RESIDUE SAMPLES FROM DRILL HOLE NO. H61, HARRISON 1 X 2
QUADRANGLE, MISSOURI AND ARKANSAS

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

Sample	re-pct. S	Na-pct. S	Ca-pct. S	Ti-pct. S	Mn-pptm S	Ag-pptm S	As-pptm S	Au-pptm S	B-pptm S	Ka-pptm S
H61R0010	2.00	.30	.05	.200	50	N	N	N	100	70
H61P0020	1.50	1.00	1.50	.200	300	<.5	N	N	70	100
H61R0030	2.00	.50	.15	.500	10	<.5	N	N	70	150
H61F0040	2.00	2.00	5.00	.200	20	N	N	N	70	200
H61P0050	1.50	.30	.20	.200	1,000	<.5	N	N	100	200
H61R0060	1.00	.50	.30	.070	20	N	N	N	100	70
H61P0070	1.50	.50	.50	.200	70	N	N	N	100	100
H61R0080	1.00	1.00	1.50	.150	10	N	N	N	70	100
H61F0090	.50	.70	1.00	.100	10	N	N	N	100	70
H61P0100	.70	.70	1.00	.070	15	N	N	N	70	100
H61R0110	.70	.70	1.00	.070	15	N	N	N	70	70
H61R0120	.50	1.50	3.00	.050	15	N	N	N	50	70
H61R0130	1.50	1.50	2.00	.200	20	N	N	N	100	100
H61F0140	1.50	.70	.70	.300	20	N	N	N	100	100
H61R0150	2.00	.70	1.00	.150	15	N	N	N	100	100
H61P0160	2.00	.70	1.50	.200	20	N	N	N	100	150
H61R0170	3.00	.70	.70	.500	50	.7	N	N	100	200
H61R0180	2.00	1.00	2.00	.200	30	N	N	N	100	200
H61R0190	1.50	.50	.50	.100	20	N	N	N	70	300
H61R0200	2.00	1.50	2.00	.150	20	N	N	N	100	200
H61R0210	2.00	1.00	1.00	.200	20	N	N	N	100	300
H61R0220	3.00	.70	1.00	.200	15	N	N	N	100	100
H61R0230	3.00	1.50	1.50	.200	20	N	N	N	100	100
H61R0250	5.00	.70	.70	.500	20	N	N	N	200	200
H61R0260	2.00	.50	1.00	.150	<10	N	N	N	100	100
H61R0270	1.00	.20	.50	.100	<10	N	N	N	100	100
H61R0280	1.00	.50	.70	.100	10	N	N	N	100	100
H61R0290	1.50	.50	.30	.200	15	N	N	N	150	100
H61R0300	.50	.70	1.50	.070	<10	N	N	N	100	50
H61P0310	.70	.50	1.00	.100	<10	N	N	N	150	150
H61R0320	2.00	.20	.20	.050	<10	N	N	N	100	150
H61R0330	1.00	.70	1.50	.150	20	N	<200	N	100	50
H61R0340	.50	.50	1.00	.070	10	N	N	N	100	30
H61R0350	5.00	.70	1.00	.300	20	<.5	N	N	150	150
H61R0360	1.00	.50	.50	.150	10	N	<200	N	100	50
H61R0370	.20	.05	.15	.020	<10	N	N	N	70	30
H61R0380	.50	.03	.05	.010	<10	N	N	N	70	70
H61R0390	1.00	.50	.50	.070	10	N	N	N	70	100
H61R0400	2.00	.50	.07	.300	15	N	200	N	150	100
H61P0410	2.00	.70	.20	.700	15	N	N	N	150	200
H61R0420	1.00	.70	.15	.200	10	N	N	N	100	200
H61R0430	.50	.10	.15	.070	15	N	N	N	70	150
H61R0440	1.00	.50	.50	.150	10	N	N	N	100	100
H61R0450	1.00	.70	1.00	.150	15	N	N	N	100	100
H61R0460	.50	.10	.10	.070	<10	N	N	N	50	100

TABLE 3.--- SPECTROGRAPHIC ANALYSES OF INSOLUBLE-RESIDUE SAMPLES FROM DRILL HOLE NO. H61, HARRISON 1 X 2
QUADRANGLE, MISSOURI AND ARKANSAS--Continued

Sample	Re-ppm S	Ri-ppm S	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Nb-ppm S	Ni-ppm S	Pb-ppm S
H61R0010	1.0	N	N	<5	100	5	N	<5	N	10	<10
H61R0020	1.0	N	N	20	50	7	N	7	N	20	50
H61R0030	1.0	N	N	15	70	70	N	15	N	50	30
H61R0040	<1.0	N	N	10	50	100	N	10	N	30	20
H61R0050	1.0	N	N	10	20	15	N	20	N	20	70
H61R0060	N	N	N	N	20	<5	N	<5	N	7	150
H61R0070	1.0	N	N	<5	50	15	N	15	N	15	N
H61R0080	<1.0	N	N	5	50	10	N	7	N	15	20
H61R0090	<1.0	N	N	N	20	7	N	5	N	10	<10
H61R0100	N	N	N	<5	20	10	N	15	N	30	N
H61R0110	N	N	N	N	20	10	N	15	N	10	10
H61R0120	N	N	N	N	20	5	N	15	N	7	10
H61R0130	<1.0	N	N	5	50	15	N	30	N	30	<10
H61R0140	1.0	N	N	<10	70	30	N	10	N	50	10
H61R0150	1.0	N	N	10	50	30	N	30	N	30	20
H61R0160	1.0	N	N	7	50	20	N	30	N	30	50
H61R0170	1.0	N	N	15	100	50	N	50	N	70	50
H61R0180	1.0	N	N	5	50	20	N	20	N	30	70
H61R0190	N	N	N	N	20	7	N	7	N	10	30
H61R0200	1.0	N	N	5	50	20	N	15	N	30	15
H61R0210	1.0	N	N	7	50	20	N	10	N	30	50
H61R0220	1.0	N	N	5	50	20	N	15	N	30	50
H61R0230	1.0	N	N	N	70	20	N	30	N	30	30
H61R0250	1.0	N	N	10	100	70	N	30	N	50	70
H61R0260	N	N	N	5	20	10	N	15	N	20	15
H61R0270	N	N	N	10	20	15	N	20	N	30	10
H61R0280	N	N	N	5	20	10	N	30	N	20	15
H61R0290	N	N	N	5	30	10	N	50	N	30	<10
H61R0300	N	N	N	N	20	5	N	15	N	15	<10
H61R0310	N	N	N	N	20	7	N	10	N	10	<10
H61R0320	N	N	N	<5	20	10	N	15	N	10	50
H61R0330	N	N	N	<5	20	10	N	15	N	20	<10
H61R0340	N	N	N	N	15	5	N	7	N	15	<10
H61R0350	1.0	N	N	<10	50	30	N	30	N	70	70
H61R0360	<1.0	N	N	5	30	7	N	15	N	20	50
H61R0370	N	N	N	N	20	<5	N	5	N	7	N
H61R0380	N	N	N	N	15	5	N	5	N	10	<10
H61R0390	<1.0	N	N	5	15	7	N	7	N	10	N
H61R0400	1.0	N	N	7	50	20	N	10	N	30	10
H61R0410	1.0	N	N	10	100	20	N	15	N	50	15
H61R0420	<1.0	N	N	5	50	15	N	10	N	30	<10
H61R0430	N	N	N	N	20	7	N	<10	N	10	<10
H61R0440	<1.0	N	N	<5	30	7	N	10	N	15	<10
H61R0450	N	N	N	N	20	10	N	7	N	15	<10
H61R0460	N	N	N	<5	15	5	N	5	N	10	<10

TABLE 3.--- SPECTROGRAPHIC ANALYSES OF INSOLUBLE-RESIDUE SAMPLES FROM DRILL HOLE NO. H61, HARRISON 1 X 2
QUADRANGLE, MISSOURI AND ARKANSAS--Continued

Sample	Sb-ppm S	Sc-ppm S	Sn-ppm S	Sr-ppm S	V-ppm S	W-ppm S	Y-ppm S	Zn-ppm S	Zr-ppm S	Th-ppm S	Form
H61R0010	N	N	N	N	70	<50	N	N	50	N	21
H61R0020	N	N	N	N	50	<50	N	N	50	N	21
H61R0030	N	N	N	N	50	<50	N	N	150	N	21
H61R0040	N	N	N	N	20	<50	N	200	50	N	21
H61R0050	N	N	N	N	30	<50	N	N	70	N	21
H61R0060	N	N	N	N	15	<50	N	N	20	N	21
H61R0070	N	N	N	N	30	<50	N	N	100	N	21
H61R0080	N	N	N	N	20	<50	N	N	30	N	21
H61R0090	N	N	N	N	20	<50	N	N	30	N	21
H61R0100	N	N	N	N	20	<50	N	N	20	N	21
H61R0110	N	N	N	N	20	<50	N	N	20	N	21
H61R0120	N	N	N	N	15	<50	N	N	20	N	21
H61R0130	N	N	N	N	50	<50	N	N	50	N	21
H61R0140	N	N	N	N	70	<50	N	N	70	N	21
H61R0150	N	N	N	N	30	<50	N	N	50	N	21
H61R0160	N	N	N	N	30	<50	N	N	70	N	21
H61R0170	N	<5	N	N	70	<50	N	N	100	N	21
H61R0180	N	<5	N	N	50	<50	N	N	100	N	21
H61R0190	N	N	N	N	15	<50	N	N	50	N	21
H61R0200	N	N	N	N	50	<50	N	N	50	N	21
H61R0210	N	N	N	N	50	<50	N	N	100	N	21
H61R0220	N	N	N	N	50	<50	N	N	50	N	21
H61R0230	N	<5	N	N	50	<50	N	N	70	N	21
H61R0250	N	N	N	N	100	<50	N	N	150	N	21
H61R0260	N	N	N	<100	20	<50	N	N	30	N	21
H61R0270	N	N	N	<100	20	<50	N	N	30	N	20
H61R0280	N	N	N	N	15	<50	N	N	30	N	20
H61R0290	N	N	N	N	20	<50	N	N	30	N	20
H61R0300	N	N	N	N	15	<50	N	N	10	N	20
H61R0310	N	N	N	N	20	<50	N	N	30	N	20
H61R0320	N	N	N	N	15	<50	N	N	<10	N	20
H61R0330	N	N	N	N	30	<50	N	N	50	N	20
H61R0340	N	N	N	N	15	<50	N	N	20	N	20
H61R0350	N	N	N	N	100	<50	N	N	100	N	20
H61R0360	N	N	N	N	30	<50	N	N	20	N	20
H61R0370	N	N	N	N	10	<50	N	N	N	N	20
H61R0380	N	N	N	N	10	<50	N	N	N	N	20
H61R0390	N	N	N	N	20	<50	N	N	20	N	20
H61R0400	N	N	N	N	50	<50	N	N	100	N	20
H61R0410	N	N	N	N	100	<50	N	N	100	N	20
H61R0420	N	N	N	N	70	<50	N	N	70	N	20
H61R0430	N	N	N	N	15	<50	N	N	50	N	20
H61R0440	N	N	N	N	20	<50	N	N	50	N	20
H61R0450	N	N	N	N	15	<50	N	N	50	N	20
H61R0460	N	N	N	N	10	<50	N	N	150	N	20

TABLE 3.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE-RESIDUE SAMPLES FROM DRILL HOLE NO. H61, HARRISON 1 X 2
QUADRANGLE, MISSOURI AND ARKANSAS--Continued

Sample	Fe-pct. S	Hg-pct. S	Ca-pct. S	Ti-pct. S	Mn-ppm S	Ag-ppm S	As-ppm S	Au-ppm S	R-ppm S	Ba-ppm S
H61R0470	.50	.15	.07	.070	<10	N	N	N	50	100
H61R0480	.50	.20	.10	.070	<10	N	N	N	100	100
H61R0490	<.05	.02	.07	<.002	<10	N	N	N	100	50
H61R0500	.20	.03	.05	.010	<10	N	N	N	70	50
H61R0510	.20	.15	.15	.050	10	N	N	N	70	70
H61R0520	.10	.10	.10	.070	10	N	N	N	70	50
H61R0530	.07	.05	<.05	.015	10	N	N	N	10	30
H61R0540	<.05	<.02	<.05	.005	10	N	N	N	10	50
H61R0550	.07	.02	<.05	.005	10	N	N	N	10	50
H61R0560	.15	.05	.05	.020	20	N	N	N	50	100
H61R0570	.20	.30	.20	.100	15	N	N	N	100	100
H61R0580	.30	.20	.20	.070	10	N	N	N	100	100
H61R0590	1.00	.10	.15	.030	10	N	N	N	70	70
H61R0600	1.00	.50	.20	.100	20	N	N	N	150	100
H61R0610	.15	.05	.05	.020	10	N	N	N	50	30
H61R0620	.05	.03	<.05	.010	10	N	N	N	30	30
H61R0630	.20	.05	.05	.015	20	N	N	N	30	70
H61R0640	.50	.20	.05	.100	20	N	N	N	50	100
H61R0650	1.00	.05	<.05	.020	20	N	N	N	20	50
H61R0660	3.00	.10	.10	.020	50	N	N	N	50	100
H61R0670	.70	.05	.05	.015	50	.5	N	N	70	70
H61R0680	.50	.05	.05	.015	10	N	N	N	70	50
H61R0690	.50	.10	.15	.020	20	N	N	N	100	70
H61R0700	1.00	.05	<.05	.050	10	N	N	N	50	<20
H61R0740	.15	.03	.15	.010	10	N	N	N	50	20
H61R0750	.50	.05	.10	.002	10	N	N	N	50	50
H61R0760	.20	.05	.07	.005	10	N	N	N	50	20
H61R0770	.10	.03	<.05	.003	10	N	N	N	50	<20
H61R0780	.15	.07	.15	.015	10	N	N	N	70	30
H61R0790	.15	.07	.15	.010	15	N	N	N	70	50
H61R0800	.10	.05	.20	.010	15	N	N	N	150	70
H61R0810	.15	.07	.15	.010	<10	N	N	N	100	30
H61R0820	.15	.02	.05	.010	10	N	N	N	50	20
H61R0830	<.05	.02	.05	.005	15	N	N	N	50	20
H61R0840	.07	.03	.05	.002	15	N	N	N	50	20
H61R0850	.15	.05	.05	.015	15	N	N	N	50	20
H61R0860	.10	.03	.05	.010	10	N	N	N	30	20
H61R0870	.07	.05	.07	.010	10	N	N	N	30	<20
H61R0880	.10	.02	<.05	.010	<10	N	N	N	30	30
H61R0890	.15	.02	.05	.015	<10	N	N	N	50	30
H61R0900	.15	.05	.10	.010	10	N	N	N	50	<20
H61R0910	.20	.03	.07	.007	10	N	N	N	30	<20
H61R0920	.30	.03	.05	.020	15	N	N	N	30	30
H61R0930	.07	.02	<.05	.010	15	N	N	N	30	20
H61R0940	.10	.02	.05	.015	15	N	N	N	50	20

TABLE 3.--- SPECTROGRAPHIC ANALYSES OF INSOLUBLE-RESIDUE SAMPLES FROM DRILL HOLE NO. H61, HARRISON 1 X 2
QUADRANGLE, MISSOURI AND ARKANSAS--Continued

Sample	Re-ppm S	Pb-ppm S	Hg-ppm S	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Nb-ppm S	Ni-ppm S	Pb-ppm S
H61R0470	N	N	N	N	N	10	<5	N	5	N	7	N
H61R0480	N	N	N	N	N	20	5	N	5	N	10	<10
H61R0490	N	N	N	N	N	15	<5	N	<5	N	7	<10
H61R0500	N	N	N	N	N	20	5	N	<5	N	7	<10
H61R0510	N	N	N	N	N	20	<5	N	N	N	7	<10
H61R0520	N	N	N	N	5	20	<5	N	<5	N	7	<10
H61R0530	N	N	N	N	5	20	<5	N	N	N	7	<10
H61R0540	N	N	N	N	N	20	<5	N	<5	N	7	<10
H61R0550	N	N	N	N	N	15	<5	N	<5	N	7	<10
H61R0560	N	N	N	N	N	20	100	N	<5	N	7	<10
H61R0570	1.0	N	N	N	N	20	7	N	5	N	10	<10
H61R0580	N	N	N	N	N	20	7	N	5	N	10	<10
H61R0590	N	N	N	N	N	20	7	N	7	N	10	<10
H61R0600	N	N	N	N	N	30	15	N	10	N	20	<10
H61R0610	N	N	N	N	N	10	10	N	<5	N	10	<10
H61R0620	N	N	N	N	N	15	<5	N	<5	N	7	<10
H61R0630	1.0	N	N	N	5	15	5	N	5	N	10	<10
H61R0640	N	N	N	N	N	20	10	N	7	N	15	10
H61R0650	N	N	N	N	N	20	20	N	<5	N	7	20
H61R0660	N	N	N	N	N	20	20	N	N	N	10	50
H61R0670	N	N	N	N	N	20	15	N	N	N	5	<10
H61R0680	N	N	N	N	N	15	7	N	<5	N	5	<10
H61R0690	<1.0	N	N	N	N	15	5	N	5	N	5	<10
H61R0700	N	N	N	N	N	20	15	N	5	N	7	<10
H61R0740	N	N	N	N	N	10	5	N	N	N	5	N
H61R0750	N	N	N	N	N	10	7	N	N	N	5	N
H61R0760	N	N	N	N	N	10	<5	N	<5	N	7	N
H61R0770	N	N	N	N	N	10	<5	N	N	N	5	20
H61R0780	N	N	N	N	N	10	<5	N	N	N	7	20
H61R0790	N	N	N	N	N	10	<5	N	N	N	7	N
H61R0800	N	N	N	N	N	10	5	N	N	N	7	N
H61R0810	N	N	N	N	N	10	<5	N	N	N	5	N
H61R0820	N	N	N	N	N	10	<5	N	N	N	7	20
H61R0830	N	N	N	N	N	10	5	N	N	N	7	<10
H61R0840	<1.0	N	N	N	N	10	<5	N	N	N	5	<10
H61R0850	N	N	N	N	N	10	<5	N	N	N	7	<10
H61R0860	N	N	N	N	N	10	<5	N	N	N	7	<10
H61R0870	N	N	N	N	N	10	<5	N	N	N	7	<10
H61R0880	N	N	N	N	N	10	<5	N	N	N	7	20
H61R0890	N	N	N	N	N	10	5	N	5	N	7	200
H61R0900	N	N	N	N	N	10	<5	N	N	N	5	<10
H61R0910	N	N	N	N	N	10	7	N	5	N	5	N
H61R0920	N	N	N	N	N	10	5	N	10	N	7	150
H61R0930	N	N	N	N	N	10	<5	N	<5	N	5	10
H61R0940	N	N	N	N	N	10	<5	N	<5	N	7	70

TABLE 3.--- SPECTROGRAPHIC ANALYSES OF INSOLUBLE-RESIDUE SAMPLES FROM DRILL HOLE NO. H61, HARRISON 1 X 2
QUADRANGLE, MISSOURI AND ARKANSAS--Continued

Sample	Sb-ppm S	Sc-ppm S	Sn-ppm S	Sr-ppm S	V-ppm S	W-ppm S	Y-ppm S	Zn-ppm S	Zr-ppm S	Th-ppm S	Form
H61R0470	N	N	N	N	15	<50	N	N	20	N	20
H61R0480	N	N	N	N	20	<50	N	N	15	N	20
H61R0490	N	N	N	N	10	<50	N	N	<10	N	20
H61R0500	N	N	N	N	10	<50	N	N	<10	N	19
H61R0510	N	N	N	N	20	<50	N	N	20	N	19
H61R0520	N	N	N	N	15	<50	N	N	30	N	19
H61R0530	N	N	N	N	10	<50	N	N	30	N	19
H61R0540	N	N	N	N	<10	<50	N	N	20	N	19
H61R0550	N	N	N	N	<10	<50	N	N	20	N	19
H61R0560	N	N	N	N	10	<50	N	N	30	N	19
H61R0570	N	N	N	N	70	<50	N	N	50	N	19
H61R0580	N	N	N	N	70	<50	N	N	30	N	19
H61R0590	N	N	N	N	50	<50	N	N	50	N	19
H61R0600	N	N	N	N	70	<50	N	N	50	N	19
H61R0610	N	N	N	N	10	<50	N	N	<10	N	19
H61R0620	N	N	N	N	<10	<50	N	N	30	N	19
H61R0630	N	N	N	N	10	<50	N	N	20	N	19
H61R0640	N	N	N	N	50	<50	N	N	50	N	19
H61R0650	N	N	N	N	20	<50	N	N	30	N	19
H61R0660	N	N	N	N	20	<50	N	N	20	N	19
H61R0670	N	N	N	N	20	<50	N	N	N	N	19
H61R0680	N	N	N	N	20	<50	N	N	15	N	19
H61R0690	N	N	N	N	15	<50	N	N	20	N	19
H61R0700	N	N	N	N	15	<50	N	N	15	N	19
H61R0740	N	N	N	N	<10	<50	N	N	N	N	18
H61R0750	N	N	N	N	<10	<50	N	N	N	N	18
H61R0760	N	N	N	N	<10	<50	N	N	N	N	18
H61R0770	N	N	N	N	<10	<50	N	N	N	N	18
H61R0780	N	N	N	N	10	<50	N	N	N	N	18
H61R0790	N	N	N	N	10	<50	N	N	N	N	18
H61R0800	N	N	N	N	10	<50	N	N	N	N	18
H61R0810	N	N	N	N	10	<50	N	N	N	N	18
H61R0820	N	N	N	N	10	<50	N	N	N	N	18
H61R0830	N	N	N	N	<10	<50	N	N	N	N	18
H61R0840	N	N	N	N	<10	<50	N	N	N	N	18
H61R0850	N	N	N	N	15	<50	N	N	N	N	18
H61R0860	N	N	N	N	10	<50	N	N	N	N	18
H61R0870	N	N	N	N	15	<50	N	N	N	N	18
H61R0880	N	N	N	N	15	<50	N	N	N	N	18
H61R0890	N	N	N	N	15	<50	N	N	N	N	18
H61R0900	N	N	N	N	10	<50	N	N	N	N	18
H61R0910	N	N	N	N	10	<50	N	N	N	N	18
H61R0920	N	N	N	N	15	<50	N	N	N	N	18
H61R0930	N	N	N	N	10	<50	N	N	N	N	18
H61R0940	N	N	N	N	10	<50	N	N	N	N	18

TABLE 3.--- SPECTROGRAPHIC ANALYSES OF INSOLUBLE-RESIDUE SAMPLES FROM DRILL HOLE NO. H61, HARRISON 1 X 2
QUADRANGLE, MISSOURI AND ARKANSAS--Continued

Sample	Fe-pct. S	Mg-pct. S	Ca-pct. S	Ti-pct. S	Mn-ppm S	Ag-ppm S	As-ppm S	Au-ppm S	R-ppm S	Ha-ppm S
H61R0950	.30	.05	.07	.015	15	N	N	N	30	20
H61R0960	.15	.02	.05	.005	10	N	N	N	50	<20
H61R0970	.15	.02	.05	.010	10	N	N	N	50	20
H61R0980	1.00	.07	.05	.020	10	N	<200	N	50	50
H61R0990	1.00	.05	.05	.030	10	N	N	N	50	50
H61R1000	1.00	.05	<.05	.020	10	N	200	N	50	20
H61R1010	1.50	.05	.05	.015	15	N	N	N	50	70
H61R1020	2.00	.50	.05	.020	15	<.5	200	N	50	100
H61R1030	15.00	.05	.05	.020	50	1.5	1,000	N	70	70
H61R1040	2.00	.05	.05	.010	30	N	<200	N	70	20
H61R1050	.50	.02	<.05	.007	20	N	N	N	50	30
H61R1060	.10	.03	<.05	.007	<10	N	N	N	30	20
H61R1070	.20	.02	<.05	.005	10	N	N	N	20	<20
H61R1080	.05	<.02	<.05	.005	10	N	N	N	20	20
H61R1090	<.05	.02	<.05	.007	<10	N	N	N	20	20
H61R1100	.05	.02	<.05	.005	10	N	N	N	20	20
H61R1110	.10	.02	<.05	.005	10	N	N	N	20	20
H61R1120	.15	.02	<.05	.005	15	N	N	N	20	<20
H61R1130	.50	.50	1.00	.020	50	N	N	N	>2,000	5,000
H61R1140	1.00	.05	.05	.020	10	N	N	N	150	200
H61R1150	15.00	.05	<.05	.030	20	1.0	<200	N	100	50
H61R1160	10.00	.10	<.05	.070	30	.7	<200	N	100	70
H61R1170	7.00	.10	<.05	.050	30	.5	N	N	50	30
H61R1180	10.00	.50	.07	.150	20	.7	<200	N	100	70
H61R1190	2.00	.10	.05	.070	15	<.5	N	N	70	50
H61R1200	2.00	.20	<.05	.100	10	N	N	N	100	20
H61R1210	2.00	.20	<.05	.070	20	N	N	N	70	50
H61R1220	1.50	.30	.05	.100	<10	N	200	N	100	<20
H61R1230	3.00	.30	.05	.100	<10	<.5	N	N	100	50
H61R1240	2.00	.20	.07	.100	10	N	N	N	100	50
H61R1250	3.00	.30	.05	.150	15	.5	200	N	100	50
H61R1260	2.00	.15	.07	.100	20	N	200	N	70	50
H61R1270	10.00	.10	.07	.020	15	1.5	300	N	70	50
H61R1280	7.00	.20	.05	.070	15	N	200	N	100	50
H61R1290	3.00	.05	<.05	.030	10	N	200	N	30	<20
H61R1300	10.00	.50	<.05	.200	50	<.5	300	N	200	70
H61R1310	20.00	.50	<.05	.200	50	3.0	500	N	200	100
H61R1320	15.00	.30	.05	.200	30	2.0	300	N	200	50
H61R1340	5.00	.10	<.05	.070	500	<.5	200	N	50	100
H61R1350	20.00	.30	.05	.100	100	2.0	300	N	150	70
H61R1360	>20.00	.20	.05	.070	50	3.0	500	N	200	70
H61R1370	20.00	.20	.07	.070	50	2.0	300	N	150	50
H61R1380	>20.00	.07	<.05	.020	20	5.0	1,000	N	150	50
H61R1390	20.00	.05	.05	.015	30	3.0	1,500	N	50	20
H61R1400	>20.00	.02	<.05	.015	50	5.0	2,000	N	70	30

TABLE 3.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE-RESIDUE SAMPLES FROM DRILL HOLE NO. H61, HARRISON 1 X 2
QUADRANGLE, MISSOURI AND ARKANSAS--Continued

Sample	Re-ppm S	Rh-ppm S	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Nb-ppm S	Ni-ppm S	Pb-ppm S
H61R0950	N	N	N	N	10	10	N	5	N	10	50
H61R0960	N	N	N	N	10	5	N	N	N	7	N
H61R0970	N	N	N	N	15	10	N	5	N	5	20
H61R0980	N	N	N	N	15	15	N	10	N	7	15
H61R0990	N	N	N	N	15	10	N	10	N	10	15
H61R1000	N	N	N	N	15	15	N	7	N	15	70
H61R1010	N	N	N	5	70	10	N	10	N	15	20
H61R1020	N	N	N	<5	20	15	N	10	N	20	100
H61R1030	N	N	N	15	10	70	N	50	N	100	150
H61R1040	N	N	N	N	15	10	N	15	N	15	50
H61R1050	N	N	N	N	15	<5	N	N	N	5	<10
H61R1060	N	N	N	N	15	<5	N	N	N	5	<10
H61R1070	N	N	N	N	15	<5	N	N	N	10	<10
H61R1080	N	N	N	N	15	<5	N	N	N	5	<10
H61R1090	N	N	N	N	15	<5	N	N	N	5	<10
H61R1100	N	N	N	N	15	<5	N	N	N	5	<10
H61R1110	N	N	N	N	15	<5	N	<5	N	5	<10
H61R1120	N	N	N	N	15	5	N	N	N	5	<10
H61R1130	1.0	N	N	N	70	5	N	N	N	7	<10
H61R1140	<1.0	N	N	N	300	10	N	N	N	150	150
H61R1150	1.0	N	N	<5	15	50	N	5	N	30	150
H61R1160	<1.0	N	N	5	20	50	N	5	N	50	1,500
H61R1170	<1.0	N	N	5	15	30	N	5	N	30	1,000
H61R1180	<1.0	N	N	5	15	100	N	5	N	20	70
H61R1190	1.0	N	N	N	10	30	N	N	N	10	50
H61R1200	1.0	N	N	N	30	100	N	<5	N	10	50
H61R1210	1.0	N	N	5	20	100	N	<5	N	15	70
H61R1220	1.0	N	N	<5	20	100	N	<5	N	15	300
H61R1230	1.0	N	N	5	20	300	N	5	N	20	200
H61R1240	1.0	N	N	<5	30	50	N	7	N	15	100
H61R1250	1.0	N	N	<5	30	700	N	5	N	20	15,000
H61R1260	1.0	N	N	5	20	50	N	<5	N	15	300
H61R1270	<1.0	N	N	5	20	200	N	15	N	30	15,000
H61R1280	1.0	N	N	<5	20	200	N	10	N	20	150
H61R1290	<1.0	N	N	N	20	30	N	5	N	10	200
H61R1300	1.5	N	N	5	50	50	N	20	N	50	200
H61R1310	1.0	N	N	15	50	300	N	30	N	70	300
H61R1320	1.5	N	N	15	50	100	N	15	N	50	150
H61R1340	<1.0	N	N	10	20	50	N	10	N	15	500
H61R1350	1.5	N	N	20	20	150	N	30	N	50	500
H61R1360	1.0	N	N	15	10	100	N	50	N	70	150
H61R1370	<1.0	N	N	10	20	100	N	50	N	50	500
H61R1380	<1.0	N	N	20	10	100	N	70	N	100	150
H61R1390	N	N	N	20	10	100	N	70	N	100	7,000
H61R1400	N	N	N	20	15	200	N	150	N	100	200

TABLE 3.-- SPPECTROGRAPHIC ANALYSES OF INSOLUBLE-RESIDUE SAMPLES FROM DRILL HOLE NO. H61, HARRISON 1 X 2
QUADRANGLE, MISSOURI AND ARKANSAS--Continued

Sample	Sb-ppm S	Sc-ppm S	Sn-ppm S	Si-ppm S	V-ppm S	W-ppm S	Y-ppm S	Zn-ppm S	Zr-ppm S	Th-ppm S	Form
H61R0950	N	N	N	N	15	<50	N	N	N	N	18
H61R0960	N	N	N	N	<10	<50	N	N	N	N	18
H61R0970	N	N	N	N	<10	<50	N	N	N	N	18
H61R0980	N	N	N	N	20	<50	N	N	N	N	18
H61R0990	N	N	N	N	15	<50	N	N	N	N	18
H61R1000	N	N	N	N	10	<50	N	N	N	N	18
H61R1010	N	N	N	N	<10	50	N	N	N	N	18
H61R1020	N	N	N	N	<10	<50	N	<200	N	N	18
H61R1030	N	N	N	N	<10	<50	N	200	N	N	18
H61R1040	N	N	N	N	10	<50	N	N	N	N	18
H61R1050	N	N	N	N	<10	<50	N	N	15	N	18
H61R1060	N	N	N	N	<10	<50	N	N	20	N	17
H61R1070	N	N	N	N	<10	<50	N	N	15	N	17
H61R1080	N	N	N	N	<10	<50	N	N	15	N	17
H61R1090	N	N	N	N	<10	<50	N	N	20	N	17
H61R1100	N	N	N	N	<10	<50	N	N	20	N	17
H61R1110	N	N	N	N	<10	<50	N	N	50	N	17
H61R1120	N	N	N	N	<10	<50	N	N	10	N	17
H61R1130	N	N	N	N	<10	<50	N	N	50	N	16
H61R1140	N	N	N	N	15	<50	N	N	100	N	16
H61R1150	N	N	N	N	15	<50	N	<200	15	N	16
H61R1160	N	N	N	N	20	<50	N	<200	50	N	16
H61R1170	N	N	N	N	20	<50	N	N	20	N	16
H61R1180	N	N	N	N	50	700	N	N	70	N	16
H61R1190	N	N	N	N	30	70	N	N	10	N	16
H61R1200	N	N	N	N	50	<50	N	N	50	N	16
H61R1210	N	N	N	N	30	150	N	N	50	N	16
H61R1220	N	N	N	N	50	<50	N	N	20	N	16
H61R1230	N	N	N	N	70	50	N	N	30	N	16
H61R1240	N	N	N	N	70	<50	N	N	30	N	16
H61R1250	N	N	N	N	50	<50	N	N	30	N	16
H61R1260	N	N	N	N	50	<50	N	N	30	N	16
H61R1270	N	N	N	N	20	50	N	N	30	N	16
H61R1280	N	N	N	N	30	70	N	N	20	N	16
H61R1290	N	N	N	N	10	<50	N	N	10	N	16
H61R1300	N	5	N	N	100	<50	N	N	70	N	16
H61R1310	N	<5	N	N	100	<50	N	200	50	N	16
H61R1320	N	<5	N	N	100	<50	N	<200	50	N	16
H61R1340	N	N	N	N	30	<50	N	N	30	N	16
H61R1350	N	N	N	N	50	<50	N	200	15	N	16
H61R1360	N	N	N	N	30	<50	N	300	150	N	16
H61R1370	N	N	N	N	30	<50	N	<200	100	N	16
H61R1380	N	N	N	N	20	<50	N	200	N	N	16
H61R1390	N	N	N	N	15	<50	N	<200	N	N	16
H61R1400	N	N	N	N	30	<50	N	<200	N	N	16

TABLE 3.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE-RESIDUE SAMPLES FROM DRILL HOLE NO. H61, HARRISON 1 X 2
QUADRANGLE, MISSOURI AND ARKANSAS--Continued

Sample	Fe-pct. S	Mg-pct. S	Ca-pct. S	Ti-pct. S	Mn-ppm S	Ag-ppm S	As-ppm S	Au-ppm S	B-ppm S	Ba-ppm S
H61R1410	20.00	.15	.10	.020	30	5.0	3,000	N	70	20
H61R1420	15.00	.07	<.05	.050	20	3.0	1,000	N	100	20

TABLE 3.--- SPECTROGRAPHIC ANALYSES OF INSOLUBLE-RESIDUE SAMPLES FROM DRILL HOLE NO. H61, HARRISON 1 X 2
QUADRANGLE, MISSOURI AND ARKANSAS--Continued

Sample	Be-ppm S	Bi-ppm S	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Nb-ppm S	Ni-ppm S	Pb-ppm S
H61R1410	N	N	N	30	100	200	N	100	N	150	150
H61R1420	<1.0	N	N	20	100	100	N	30	N	100	150

TABLE 3.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE-RESIDUE SAMPLES FROM DRILL HOLE NO. H61, HARRISON 1 X 2
QUADRANGLE, MISSOURI AND ARKANSAS--Continued

Sample	Sb-ppm S	Sc-ppm S	Sn-ppm S	Sr-ppm S	V-ppm S	W-ppm S	Y-ppm S	Zn-ppm S	Zr-ppm S	Th-ppm S	Form
H61R1410	N	N	N	N	30	<50	N	<200	N	N	16
H61R1420	N	N	N	N	50	<50	N	<200	10	N	16

TABLE 4.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE-RESIDUE SAMPLES FROM DRILL HOLE NO. H63, HARRISON 1 X 2
QUADRANGLE, MISSOURI AND ARKANSAS

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

Sample	Fe-pct. S	Mg-pct. S	Ca-pct. S	Ti-pct. S	Mn-ppm S	Ag-ppm S	As-ppm S	Au-ppm S	B-ppm S	Ra-ppm S
H63R0010	1.00	.05	.05	.050	500	N	N	N	50	70
H63R0020	<.05	.02	3.00	.003	20	N	N	N	70	20
H63R0030	.05	.02	5.00	.030	20	N	N	N	70	30
H63R0040	.05	<.02	1.50	.005	10	N	N	N	100	20
H63R0050	<.05	<.02	3.00	.003	<10	N	N	N	70	<20
H63P0060	<.05	.02	1.00	.007	<10	N	N	N	70	<20
H63R0070	<.05	<.02	1.00	.005	10	N	N	N	100	<20
H63R0080	.07	.02	1.50	.015	15	N	N	N	70	30
H63R0090	.05	.05	1.50	.015	10	N	N	N	50	20
H63R0100	.05	.02	1.00	.010	10	N	N	N	70	20
H63R0110	.20	.05	1.50	.020	15	N	N	N	50	20
H63R0120	.15	.20	1.50	.030	20	N	N	N	50	20
H63R0130	.50	.30	1.50	.070	20	N	N	N	70	70
H63R0140	.50	.30	1.50	.050	30	N	N	N	70	50
H63R0150	.20	.30	1.00	.030	30	N	N	N	70	30
H63R0160	.05	.10	.50	.020	15	N	N	N	50	150
H63R0170	.05	.02	.15	.005	<10	N	N	N	70	50
H63R0180	.20	.30	1.50	.030	15	N	N	N	50	300
H63R0190	.20	.30	1.50	.050	30	N	N	N	70	30
H63R0200	1.00	.70	3.00	.070	100	N	N	N	70	70
H63R0210	1.00	.30	.70	.150	70	N	N	N	100	500
H63R0220	3.00	.20	1.00	.050	50	N	N	N	70	20
H63R0230	10.00	1.50	.30	.700	300	N	N	N	300	200
H63R0240	3.00	.70	.10	.200	20	N	N	N	150	100
H63R0250	2.00	.70	.30	.150	20	N	N	N	100	70
H63R0260	1.00	.70	.30	.150	10	N	N	N	150	70
H63R0270	.20	.10	.15	.030	N	N	N	N	70	30
H63R0280	.50	.10	.05	.050	N	N	N	N	50	30
H63R0290	3.00	.70	.50	.150	15	N	N	N	100	70
H63R0300	2.00	.70	.30	.150	10	N	N	N	100	70
H63R0310	2.00	.20	.15	.100	10	N	N	N	100	70
H63R0320	.05	.05	<.05	.020	N	N	N	N	50	20
H63R0330	.50	.15	.15	.070	<10	N	N	N	70	70
H63R0340	1.00	.50	.30	.150	10	N	N	N	70	100
H63R0350	.70	.15	<.05	.100	10	N	N	N	70	70
H63R0360	1.00	.20	.20	.070	15	N	N	N	50	70
H63R0370	3.00	.15	1.50	.050	30	N	N	N	30	70
H63R0380	1.00	.15	.10	.070	N	N	N	N	50	100
H63R0390	1.00	.30	.20	.100	15	N	N	N	50	100
H63R0400	1.50	.30	.20	.070	10	N	N	N	70	70
H63R0410	5.00	.20	<.05	.070	10	<.5	N	N	50	50
H63R0420	1.00	.20	.15	.030	<10	N	N	N	50	30
H63R0430	.50	.15	.05	.050	N	N	N	N	30	50
H63R0440	.30	.10	.10	.030	N	N	N	N	50	20
H63R0450	5.00	.30	.15	.150	10	<.5	N	N	50	150

TABLE 4.--- SPECTROGRAPHIC ANALYSES OF INSOLUBLE-RESIDUE SAMPLES FROM DRILL HOLE NO. H63, HARRISON 1 X 2
QUADRANGLE, MISSOURI AND ARKANSAS--Continued

Sample	Be-ppm S	Bi-ppm S	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Nb-ppm S	Ni-ppm S	Pb-ppm S
H63R0010	N	N	N	5	10	<5	N	N	N	5	N
H63R0020	N	N	N	N	N	N	N	N	N	N	N
H63R0030	N	N	N	N	N	N	N	N	N	<5	N
H63R0040	N	N	N	N	N	N	N	N	N	<5	N
H63R0050	N	N	N	N	N	N	N	N	N	7	N
H63R0060	N	N	N	N	N	N	N	N	N	<5	N
H63R0070	N	N	N	N	N	N	N	N	N	<5	N
H63R0080	N	N	N	N	N	N	N	N	N	<5	N
H63R0090	N	N	N	N	N	N	N	N	N	5	N
H63R0100	N	N	N	N	N	N	N	N	N	<5	N
H63R0110	N	N	N	N	N	<5	N	N	N	7	N
H63R0120	N	N	N	N	N	<5	N	N	N	10	N
H63R0130	N	N	N	N	<10	5	N	N	N	20	N
H63R0140	N	N	N	N	<10	<5	N	N	N	15	N
H63R0150	N	N	N	N	<10	<5	N	N	N	20	N
H63R0160	N	N	N	N	N	15	N	N	N	15	N
H63R0170	N	N	N	N	N	10	N	N	N	10	N
H63R0180	N	N	N	N	N	150	N	N	N	10	N
H63R0190	N	N	N	N	N	30	N	N	N	10	N
H63R0200	<1.0	N	N	5	<10	20	N	N	N	20	N
H63R0210	<1.0	N	N	10	<10	15	N	N	N	50	N
H63R0220	N	N	N	15	N	1,500	N	N	N	70	20
H63R0230	3.0	N	N	50	70	300	30	15	N	70	50
H63R0240	2.0	N	N	15	20	70	<20	15	N	50	30
H63R0250	1.5	N	N	10	20	15	N	5	N	30	20
H63R0260	<1.0	N	N	10	10	10	N	<5	N	20	10
H63R0270	N	N	N	N	N	15	N	N	N	5	N
H63R0280	N	N	N	<5	N	<5	N	N	N	10	N
H63R0290	<1.0	N	N	15	15	15	N	15	N	30	30
H63R0300	<1.0	N	N	10	10	15	N	5	N	20	20
H63R0310	<1.0	N	N	7	10	20	N	7	N	30	15
H63R0320	N	N	N	N	N	N	N	N	N	<5	N
H63R0330	N	N	N	<5	<10	5	N	<5	N	10	N
H63R0340	<1.0	N	N	7	10	7	N	7	N	20	<10
H63R0350	<1.0	N	N	5	10	10	N	N	N	15	N
H63R0360	N	N	N	<5	<10	7	N	5	N	15	<10
H63R0370	N	N	N	5	<10	20	N	15	N	30	100
H63R0380	N	N	N	<5	10	5	N	<5	N	30	N
H63R0390	N	N	N	7	15	7	N	5	N	20	10
H63R0400	N	N	<20	5	10	20	N	7	N	15	N
H63R0410	<1.0	N	N	15	15	15	N	20	N	30	<10
H63R0420	N	N	N	5	N	5	N	5	N	15	N
H63R0430	N	N	N	N	<10	<5	N	N	N	7	N
H63R0440	N	N	N	N	N	N	N	N	N	5	N
H63R0450	<1.0	N	N	15	20	15	N	5	N	30	N

TABLE 4.--- SPPECTROGRAPHIC ANALYSES OF INSOLUBLE-RESIDUE SAMPLES FROM DRILL HOLE NO. H63, HARRISON 1 X 2
QUADRANGLE, MISSOURI AND ARKANSAS--Continued

Sample	Sb-ppm S	Sc-ppm S	Sn-ppm S	Sr-ppm S	V-ppm S	W-ppm S	Y-ppm S	Zn-ppm S	Zr-ppm S	Th-ppm S	Form
H63R0010	N	N	N	N	20	<50	N	200	30	N	31
H63R0020	N	N	N	N	N	<50	N	N	N	N	31
H63R0030	N	N	N	N	10	<50	N	N	10	N	31
H63R0040	N	N	N	N	<10	<50	N	N	N	N	31
H63R0050	N	N	N	N	<10	<50	N	N	N	N	31
H63R0060	N	N	N	N	<10	<50	N	N	N	N	31
H63R0070	N	N	N	N	<10	<50	N	N	N	N	31
H63R0080	N	N	N	N	<10	<50	N	N	N	N	31
H63R0090	N	N	N	N	10	<50	N	N	N	N	31
H63R0100	N	N	N	N	<10	<50	N	N	N	N	31
H63R0110	N	N	N	N	10	<50	N	N	N	N	31
H63R0120	N	N	N	N	15	<50	N	N	10	N	31
H63R0130	N	N	N	N	30	<50	N	N	20	N	31
H63R0140	N	N	N	N	20	<50	N	N	15	N	31
H63P0150	N	N	N	N	10	<50	N	N	10	N	31
H63R0160	N	N	N	N	<10	<50	N	N	30	N	31
H63R0170	N	N	N	N	10	<50	N	N	10	N	31
H63R0180	N	N	N	100	<10	<50	N	N	20	N	31
H63R0190	N	N	N	N	15	<50	N	N	10	N	31
H63R0200	N	N	N	100	30	<50	N	N	30	N	31
H63R0210	N	N	N	N	30	<50	N	N	70	N	31
H63R0220	N	N	<10	N	10	<50	N	<200	10	N	31
H63R0230	N	15	N	N	300	<50	20	200	100	N	30
H63R0240	N	<5	N	N	70	N	15	<200	50	N	30
H63R0250	N	N	N	N	30	N	N	N	30	N	21
H63R0260	N	N	N	N	30	N	N	N	30	N	21
H63R0270	N	N	N	<100	10	<50	N	N	20	N	21
H63R0280	N	N	N	100	10	<50	N	N	20	N	21
H63R0290	N	N	N	N	30	<50	N	N	50	N	21
H63R0300	N	N	N	N	50	<50	N	N	50	N	21
H63R0310	N	N	N	N	30	<50	N	300	30	N	21
H63R0320	N	N	N	N	<10	<50	N	N	N	N	21
H63R0330	N	N	N	N	10	<50	N	N	30	N	21
H63R0340	N	N	N	N	20	<50	N	N	70	N	21
H63R0350	N	N	N	<100	20	<50	N	N	50	N	21
H63R0360	N	N	N	N	10	<50	N	N	70	N	21
H63R0370	N	N	N	<100	<10	<50	N	N	30	N	21
H63R0380	N	N	N	200	10	<50	N	N	20	N	21
H63R0390	N	N	N	200	20	<50	N	N	50	N	21
H63P0400	N	N	N	N	15	<50	N	2,000	30	N	21
H63R0410	N	N	N	N	15	<50	N	500	20	N	21
H63R0420	N	N	N	N	10	<50	N	N	10	N	21
H63R0430	N	N	N	N	<10	<50	N	N	20	N	21
H63R0440	N	N	N	N	<10	<50	N	N	15	N	21
H63R0450	N	N	N	N	30	<50	N	N	70	N	21

TABLE 4.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE-RESIDUE SAMPLES FROM DRILL HOLE NO. H63, HARRISON 1 X 2
QUADRANGLE, MISSOURI AND ARKANSAS--Continued

Sample	Fe-ppt. S	Mg-ppt. S	Ca-ppt. S	Ti-pct. S	Mn-ppm S	Ag-ppm S	As-ppm S	Au-ppm S	P-ppm S	Ba-ppm S
H63R0460	.70	.02	<.05	.020	<10	N	N	N	15	20
H63R0470	.70	<.02	.05	.070	10	N	N	N	30	30
H63R0480	1.00	.20	.05	.100	15	N	N	N	70	150
H63R0490	.70	.15	.10	.070	10	<.5	N	N	70	100
H63R0500	1.50	.70	.20	.200	30	<.5	N	N	150	150
H63R0510	1.00	.15	.05	.070	20	N	N	N	100	70
H63R0520	1.00	.70	.30	.150	20	N	N	N	100	150
H63R0530	.70	.20	.15	.070	15	N	N	N	100	70
H63R0540	.70	.15	.10	.070	10	N	N	N	70	150
H63R0550	1.50	.10	.10	.070	15	N	N	N	70	150
H63R0560	3.00	.20	.15	.050	<10	N	N	N	70	100
H63R0570	1.50	.07	.05	.020	N	N	N	N	50	70
H63R0580	2.00	.20	<.05	.150	20	<.5	N	N	70	100
H63R0590	.05	.15	.20	.100	N	N	N	N	50	50
H63R0600	.20	.10	.10	.700	10	N	N	N	50	50
H63R0610	.05	.05	.05	.150	<10	N	N	N	30	30
H63R0620	.10	.15	.15	.300	<10	N	N	N	70	30
H63R0630	.10	.20	.15	.200	N	N	N	N	70	20
H63R0640	.70	.50	.50	.300	<10	N	N	N	70	50
H63R0650	2.00	.30	.20	.500	N	N	N	N	70	70
H63R0660	.70	.50	.30	.500	10	N	N	N	50	50
H63R0670	.50	.20	.20	.100	N	N	N	N	20	20
H63R0680	2.00	.30	.15	.500	<10	N	N	N	50	70
H63R0690	2.00	.50	.30	.300	<10	<.5	N	N	50	50
H63R0700	2.00	.05	.05	.010	N	N	N	N	30	<20
H63R0710	.05	.02	<.05	.005	N	N	N	N	50	20
H63R0720	.70	.10	.10	.005	<10	N	N	N	20	20
H63R0730	.30	.07	<.05	.020	N	N	N	N	20	30
H63R0740	1.50	.50	.20	.150	15	N	N	N	70	100
H63R0750	.70	.05	<.05	.030	<10	N	N	N	50	50
H63R0760	.70	.02	<.05	.020	<10	<.5	N	N	30	20
H63R0770	1.00	.15	<.05	.100	10	N	N	N	70	70
H63R0780	.50	.10	.05	.070	15	N	N	N	50	50
H63R0790	.30	.07	<.05	.050	<10	N	N	N	50	30
H63R0800	.15	.03	.05	.020	N	N	N	N	50	70
H63R0810	.20	.05	<.05	.050	N	N	N	N	50	50
H63R0820	<.05	<.02	<.05	.002	N	N	N	N	20	20
H63R0830	.20	.02	<.05	.010	N	N	N	N	30	50
H63R0840	.70	.10	<.05	.030	<10	N	N	N	30	70
H63R0850	1.00	.20	N	.100	15	<.5	N	N	50	70
H63R0860	.05	<.02	N	.005	N	N	N	N	20	<20
H63R0870	.70	.15	<.05	.070	10	<.5	N	N	50	100
H63R0880	.20	.02	N	.030	<10	N	N	N	20	50
H63R0890	.10	.02	<.05	.010	<10	N	N	N	50	30
H63R0900	<.05	<.02	<.05	.002	N	N	N	N	20	20

TAPLF 4.--- SPECTROGRAPHIC ANALYSES OF INSOLUBLE-RESIDUE SAMPLES FROM DRILL HOLE NO. H63, HARRISON 1 X 2 -
QUADRANGLE, MISSOURI AND ARKANSAS--Continued

Sample	Re-ppm S	Bi-ppm S	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Nb-ppm S	Ni-ppm S	Pb-ppm S
H63R0460	N	N	N	N	N	5	N	<5	N	5	N
H63R0470	N	N	N	N	N	150	N	<5	N	10	N
H63R0480	N	N	N	5	10	50	N	<5	N	15	300
H63R0490	N	N	N	20	10	20	N	10	<20	30	20
H63R0500	<1.0	N	N	10	15	30	N	20	N	30	30
H63R0510	N	N	N	5	N	15	N	15	N	20	N
H63R0520	<1.0	N	N	5	10	15	N	5	N	10	15
H63R0530	N	N	50	N	N	15	N	5	N	5	10
H63R0540	N	N	N	N	N	5	N	15	N	7	N
H63R0550	N	N	N	5	N	50	N	15	N	15	N
H63R0560	N	N	N	15	10	100	N	10	N	30	15
H63R0570	N	N	N	N	N	10	N	<5	N	7	N
H63R0580	<1.0	N	N	7	15	70	N	15	N	20	30
H63R0590	N	N	N	N	N	N	N	N	N	N	N
H63R0600	N	N	N	N	<10	<5	N	5	N	5	N
H63R0610	N	N	N	N	N	15	N	N	N	N	N
H63R0620	N	N	N	N	N	150	N	N	N	<5	N
H63R0630	N	N	N	N	N	<5	N	N	N	<5	N
H63R0640	N	N	N	N	N	<5	N	5	N	5	N
H63R0650	N	N	N	5	<10	7	N	5	N	10	N
H63R0660	N	N	N	N	<10	<5	N	N	N	7	N
H63R0670	N	N	N	N	N	N	N	N	N	<5	N
H63R0680	N	N	N	5	<10	10	N	15	N	15	N
H63R0690	N	N	N	5	N	150	N	10	N	15	N
H63R0700	N	N	N	N	N	10	N	5	N	5	N
H63R0710	N	N	N	N	N	N	N	N	N	<5	N
H63R0720	N	N	N	N	N	<5	N	<5	N	<5	N
H63R0730	N	N	N	N	N	100	N	N	N	<5	N
H63R0740	1.5	N	N	<5	30	7	N	N	N	7	N
H63R0750	N	N	N	N	N	30	N	N	N	5	N
H63R0760	N	N	N	N	N	10	N	N	N	7	N
H63R0770	<1.0	N	N	5	<10	15	N	<5	N	15	10
H63R0780	N	N	N	N	N	10	N	5	N	10	10
H63R0790	N	N	N	N	N	7	N	N	N	5	N
H63R0800	N	N	N	N	N	150	N	N	N	<5	N
H63R0810	N	N	N	N	N	5	N	N	N	<5	N
H63R0820	N	N	N	N	N	<5	N	N	N	N	N
H63R0830	N	N	N	N	N	10	N	N	N	<5	N
H63R0840	N	N	N	N	N	10	N	N	N	<5	N
H63R0850	<1.0	N	N	5	10	10	N	<5	N	10	15
H63R0860	N	N	N	N	N	N	N	N	N	N	N
H63R0870	N	N	N	N	<10	<5	N	15	N	5	N
H63R0880	N	N	N	N	N	<5	N	7	N	<5	N
H63R0890	N	N	N	N	N	<5	N	<5	N	N	N
H63R0900	N	N	N	N	N	N	N	N	N	N	N

TABLE 4.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE-RESIDUE SAMPLES FROM DRILL HOLE NO. H63, HARRISON 1 X 2
QUADRANGLE, MISSOURI AND ARKANSAS--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	Y-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Form
H63R0460	N	N	N	N	N	<50	N	N	20	N	21
H63R0470	N	N	N	N	10	<50	N	N	20	N	21
H63R0480	N	N	N	N	20	<50	N	N	150	N	21
H63R0490	N	N	N	N	<10	<50	N	2,000	50	N	21
H63R0500	N	N	N	N	30	<50	N	500	100	N	21
H63R0510	N	N	N	N	10	<50	N	1,500	30	N	21
H63R0520	N	N	N	N	20	<50	N	<200	70	N	21
H63R0530	N	N	N	N	10	<50	N	>10,000	20	N	21
H63R0540	N	N	N	N	10	<50	N	1,500	70	N	21
H63R0550	N	N	N	N	15	<50	N	1,000	50	N	21
H63R0560	N	N	N	N	10	<50	N	N	20	N	21
H63R0570	N	N	N	N	<10	<50	N	N	N	N	21
H63R0580	N	N	N	N	20	<50	N	N	30	N	21
H63R0590	N	N	N	N	N	<50	N	N	N	N	20
H63R0600	N	N	N	N	<10	<50	N	N	20	N	20
H63R0610	N	N	N	N	N	<50	N	N	10	N	20
H63R0620	N	N	N	N	<10	<50	N	N	10	N	20
H63R0630	N	N	N	N	<10	<50	N	N	N	N	20
H63R0640	N	N	N	N	<10	<50	N	N	15	N	20
H63R0650	N	N	N	N	10	<50	N	N	50	N	20
H63R0660	N	N	N	N	15	<50	N	N	20	N	20
H63R0670	N	N	N	N	N	<50	N	N	N	N	20
H63R0680	N	N	N	N	15	<50	N	N	30	N	20
H63R0690	N	N	N	N	<10	<50	N	N	10	N	20
H63R0700	N	N	N	N	N	N	N	N	N	N	20
H63R0710	N	N	N	N	N	<50	N	N	N	N	20
H63R0720	N	N	N	N	N	<50	N	N	N	N	20
H63R0730	N	N	N	N	<10	<50	N	N	10	N	20
H63R0740	N	N	N	N	50	<50	N	N	50	N	20
H63R0750	N	N	N	N	10	<50	N	N	15	N	20
H63R0760	N	N	N	N	<10	<50	N	300	N	N	20
H63R0770	N	N	N	N	20	<50	N	N	30	N	20
H63R0780	N	N	N	N	10	<50	N	N	20	N	20
H63R0790	N	N	N	N	10	<50	N	N	15	N	20
H63R0800	N	N	N	N	<10	<50	N	N	50	N	19
H63R0810	N	N	N	N	10	<50	N	N	10	N	19
H63R0820	N	N	N	N	N	<50	N	N	10	N	19
H63R0830	N	N	N	N	N	<50	N	N	20	N	19
H63R0840	N	N	N	N	10	<50	N	N	20	N	19
H63R0850	N	N	N	N	20	<50	N	N	30	N	19
H63R0860	N	N	N	N	N	<50	N	N	100	N	19
H63R0870	N	N	N	N	10	<50	N	N	30	N	19
H63R0880	N	N	N	N	<10	<50	N	N	20	N	19
H63R0890	N	N	N	N	N	<50	N	N	10	N	19
H63R0900	N	N	N	N	N	<50	N	N	N	N	19

TABLE 4.--- SPECTROGRAPHIC ANALYSES OF INSOLUBLE-RESIDUE SAMPLES FROM DRILL HOLE NO. H63, HARRISON 1 X 2
QUADRANGLE, MISSOURI AND ARKANSAS--Continued

Sample	Fe-pct. S	Mg-pct. S	Ca-pct. S	Ti-pct. S	Mn-ppm S	Ag-ppm S	As-ppm S	Au-ppm S	B-ppm S	Ra-ppm S
H63R0910	.05	<.02	<.05	.002	N	N	N	N	30	30
H63R0920	.05	<.02	<.05	.005	N	N	N	N	30	20
H63R0930	.15	.02	<.05	.020	<10	N	N	N	30	30
H63R0940	.10	<.02	<.05	.002	<10	N	N	N	30	20
H63R0950	.10	.02	<.05	.005	N	N	N	N	30	30
H63R0960	<.05	<.02	<.05	<.002	N	N	N	N	30	20
H63R0970	.05	<.02	N	.002	<10	N	N	N	N	<20
H63R0980	.20	.05	.05	.015	<10	N	N	N	20	20
H63R0990	.30	.02	<.05	.010	<10	N	N	N	30	20
H63R1000	.30	<.02	<.05	.015	10	N	N	N	30	50
H63R1010	2.00	.05	<.05	.030	10	N	N	N	20	30
H63R1020	1.00	.02	N	.030	10	N	N	N	10	20
H63R1030	5.00	.30	.15	.070	10	<.5	N	N	20	50
H63R1040	.10	<.02	N	<.002	N	N	N	N	30	70
H63R1050	.15	<.02	<.05	.002	<10	N	N	N	30	50
H63R1060	.70	.02	.05	.005	10	N	N	N	50	70
H63R1070	.05	.03	<.05	.002	N	N	N	N	30	50
H63R1080	.15	.05	.05	.015	N	N	N	N	20	<20
H63R1090	.20	.02	<.05	.010	<10	N	N	N	30	30
H63R1100	.20	<.02	<.05	<.002	N	N	N	N	15	20
H63R1110	.70	.02	<.05	<.002	10	N	N	N	20	30
H63R1120	.05	<.02	<.05	.002	<10	N	N	N	20	50
H63R1130	.05	.02	<.05	.003	<10	N	N	N	20	70
H63R1140	.15	.05	.07	.030	<10	N	N	N	30	70
H63R1150	<.05	<.02	<.05	.003	N	N	N	N	20	30
H63R1160	.05	<.02	<.05	.002	N	N	N	N	20	30
H63R1170	.20	.02	<.05	.005	10	N	N	N	20	20
H63R1180	.05	.07	.07	.007	<10	N	N	N	30	30
H63R1190	<.05	.02	.05	.003	N	N	N	N	30	30
H63R1200	.20	.02	<.05	.050	<10	N	N	N	20	30
H63R1210	.05	<.02	<.05	<.002	<10	N	N	N	30	30
H63R1220	.10	.15	.30	.007	<10	N	N	N	20	30
H63R1230	.50	.03	<.05	.002	<10	<.5	N	N	20	<20
H63R1240	.15	.02	.05	.002	<10	N	N	N	30	30
H63R1250	.70	.02	.05	.015	<10	.5	N	N	30	20
H63R1260	.15	<.02	N	.010	<10	N	N	N	50	<20
H63R1270	.15	.02	<.05	.010	<10	N	N	N	20	20
H63R1280	.70	.03	<.05	.030	10	.7	N	N	50	50
H63R1290	.50	.03	N	.030	<10	<.5	N	N	30	30
H63R1300	.10	.05	.05	.007	N	N	N	N	50	30
H63R1310	.05	.07	.10	.010	N	N	N	N	50	30
H63R1320	.05	.02	<.05	.005	<10	N	N	N	10	20
H63R1330	<.05	<.02	N	.003	<10	N	N	N	N	<20
H63R1340	<.05	<.02	.05	.002	<10	N	N	N	N	<20
H63R1350	.10	.02	N	.002	<10	N	N	N	10	<20

TABLE 4.--- SPECTROGRAPHIC ANALYSES OF INSOLUBLE-RESIDUE SAMPLES FROM DRILL HOLE NO. H63, HARRISON 1 X 2
QUADRANGLE, MISSOURI AND ARKANSAS--Continued

Sample	Re-ppm S	Ri-ppm S	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Nb-ppm S	Ni-ppm S	Pb-ppm S
H63R0910	N	N	N	N	N	N	N	N	N	N	N
H63R0920	N	N	N	N	N	N	N	N	N	N	N
H63R0930	N	N	N	N	N	N	N	N	N	<5	N
H63R0940	N	N	N	N	N	N	N	N	N	N	N
H63R0950	N	N	N	N	N	N	N	N	N	N	N
H63R0960	N	N	N	N	N	N	N	N	N	N	N
H63R0970	N	N	N	N	N	N	N	N	N	N	N
H63R0980	N	N	N	N	N	N	N	N	N	<5	N
H63R0990	N	N	N	N	N	N	N	N	N	<5	N
H63R1000	N	N	N	N	N	15	N	N	N	<5	N
H63R1010	N	N	N	N	N	5	N	N	N	5	N
H63R1020	N	N	N	N	N	7	N	<5	N	<5	N
H63R1030	N	N	N	N	10	20	N	15	N	10	10
H63R1040	N	N	N	N	N	5	N	N	N	N	N
H63R1050	N	N	N	N	N	N	N	N	N	N	N
H63R1060	N	N	N	N	N	5	N	N	N	<5	<10
H63R1070	N	N	N	N	N	N	N	N	N	N	N
H63R1080	N	N	N	N	N	<5	N	N	N	<5	N
H63R1090	N	N	N	N	N	<5	N	N	N	<5	N
H63R1100	N	N	N	N	N	150	N	N	N	N	N
H63R1110	N	N	N	N	N	5	N	N	N	<5	N
H63R1120	N	N	N	N	N	10	N	N	N	<5	N
H63R1130	N	N	N	N	N	N	N	N	N	<5	N
H63R1140	N	N	N	N	N	15	N	N	N	N	N
H63R1150	N	N	N	N	N	N	N	N	N	N	N
H63R1160	N	N	N	N	N	<5	N	N	N	<5	N
H63R1170	N	N	N	N	N	5	N	N	N	<5	N
H63R1180	N	N	N	N	N	N	N	N	N	N	N
H63R1190	N	N	N	N	N	7	N	N	N	N	N
H63R1200	N	N	N	N	N	<5	N	5	N	5	N
H63R1210	N	N	N	N	N	N	N	N	N	<5	N
H63R1220	N	N	N	N	N	<5	N	N	N	<5	30
H63R1230	N	N	N	N	N	N	N	N	N	N	N
H63R1240	N	N	N	N	N	15	N	N	N	<5	N
H63R1250	N	N	N	N	N	10	N	N	N	<5	N
H63R1260	N	N	N	N	N	N	N	<5	N	<5	N
H63R1270	N	N	N	N	N	<5	N	5	N	<5	N
H63R1280	N	N	N	N	N	10	N	15	N	7	<10
H63R1290	N	N	N	N	N	10	N	20	N	10	N
H63R1300	N	N	N	N	N	N	N	<5	N	N	N
H63R1310	N	N	N	N	N	<5	N	15	N	<5	N
H63R1320	N	N	N	N	N	N	N	N	N	N	N
H63R1330	N	N	N	N	N	N	N	N	N	N	N
H63R1340	N	N	N	N	N	N	N	N	N	N	N
H63R1350	N	N	N	N	N	N	N	<5	N	<5	N

TABLE 4.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE-RESIDUE SAMPLES FROM DRILL HOLE NO. H63, HARRISON 1 X 2
QUADRANGLE, MISSOURI AND ARKANSAS--Continued

Sample	Sb-ppm	Sc-ppm	Sn-ppm	Sr-ppm	V-ppm	W-ppm	Y-ppm	Zn-ppm	Zr-ppm	Th-ppm	Form
H63R0910	N	N	N	N	N	<50	N	N	N	N	19
H63R0920	N	N	N	N	N	<50	N	N	N	N	19
H63R0930	N	N	N	N	N	<50	N	N	15	N	19
H63R0940	N	N	N	N	N	<50	N	N	10	N	19
H63R0950	N	N	N	N	N	<50	N	N	<10	N	19
H63R0960	N	N	N	N	N	<50	N	N	N	N	19
H63R0970	N	N	N	N	N	<50	N	N	10	N	18
H63R0980	N	N	N	N	N	<50	N	N	30	N	18
H63R0990	N	N	N	N	N	<50	N	N	15	N	18
H63R1000	N	N	N	N	N	<50	N	N	N	N	18
H63P1010	N	N	N	N	<10	<50	N	N	20	N	18
H63R1020	N	N	N	N	<10	<50	N	N	15	N	18
H63R1030	N	N	N	N	10	<50	N	N	30	N	18
H63R1040	N	N	N	N	N	<50	N	N	N	N	18
H63R1050	N	N	N	N	N	<50	N	N	N	N	18
H63R1060	N	N	N	N	N	<50	N	N	N	N	18
H63R1070	N	N	N	N	N	<50	N	N	N	N	18
H63R1080	N	N	N	N	<10	<50	N	N	N	N	18
H63R1090	N	N	N	N	N	<50	N	N	N	N	18
H63R1100	N	N	N	N	N	<50	N	N	N	N	18
H63R1110	N	N	N	N	N	<50	N	N	N	N	18
H63R1120	N	N	N	N	N	<50	N	N	N	N	18
H63R1130	N	N	N	N	N	<50	N	N	N	N	18
H63R1140	N	N	N	N	20	<50	N	N	<10	N	18
H63R1150	N	N	N	N	N	<50	N	N	N	N	18
H63R1160	N	N	N	N	N	<50	N	N	N	N	18
H63R1170	N	N	N	N	<10	<50	N	<200	N	N	18
H63R1180	N	N	N	N	10	<50	N	N	N	N	18
H63R1190	N	N	N	N	<10	<50	N	N	N	N	18
H63R1200	N	N	N	N	10	<50	N	N	N	N	18
H63R1210	N	N	N	N	N	<50	N	N	N	N	18
H63R1220	N	N	N	N	N	<50	N	N	N	N	18
H63R1230	N	N	N	N	N	<50	N	N	N	N	18
H63R1240	N	N	N	N	N	<50	N	N	N	N	18
H63R1250	N	N	N	N	<10	<50	N	N	<10	N	18
H63R1260	N	N	N	N	N	<50	N	N	N	N	18
H63R1270	N	N	N	N	N	<50	N	N	N	N	18
H63R1280	N	N	N	N	10	<50	N	N	15	N	18
H63R1290	N	N	N	N	<10	<50	N	N	70	N	18
H63R1300	N	N	N	N	N	<50	N	N	N	N	18
H63R1310	N	N	N	N	<10	<50	N	N	<10	N	18
H63R1320	N	N	N	N	N	<50	N	N	20	N	17
H63R1330	N	N	N	N	N	<50	N	N	50	N	17
H63R1340	N	N	N	N	N	<50	N	N	15	N	17
H63P1350	N	N	N	N	N	<50	N	N	20	N	17

TABLE 4.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE-RESIDUE SAMPLES FROM DRILL HOLE NO. H63, HARRISON 1 Y 2
QUADRANGLE, MISSOURI AND ARKANSAS--Continued

Sample	Fe-pct. S	Mg-pct. S	Ca-pct. S	Ti-pct. S	Mn-ppm S	Ag-ppm S	As-ppm S	Au-ppm S	B-ppm S	Ba-ppm S
H63R1360	.15	.02	<.05	.002	<10	N	N	N	20	<20
H63R1370	.30	<.02	<.05	.007	10	N	N	N	30	<20

TABLE 4.--- SPECTROGRAPHIC ANALYSES OF INSOLUBLE-RESIDUE SAMPLES FROM DRILL HOLE NO. H63, HARRISON 1 X 2
QUADRANGLE, MISSOURI AND ARKANSAS--Continued

Sample	Be-ppm S	Bi-ppm S	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Nb-ppm S	Ni-ppm S	Pb-ppm S
H63R1360	N	N	N	N	N	<5	N	10	N	<5	N
H63R1370	N	N	N	N	N	5	N	10	N	5	N

TABLE 4.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE-RESIDUE SAMPLES FROM DRILL HOLE NO. H63, HARRISON 1 X 2
QUADANGLE, MISSOURI AND ARKANSAS--Continued

Sample	Sb-ppm S	Sc-ppm S	Sn-ppm S	Sr-ppm S	V-ppm S	W-ppm S	Y-ppm S	Zn-ppm S	Zr-ppm S	Th-ppm S	Form
H63R1360	N	N	N	N	N	<50	N	N	10	N	16
H63R1370	N	N	N	N	N	<50	N	N	10	N	16