

UNITED STATES DEPARTMENT OF THE INTERIOR
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Spectrographic analyses of insoluble-residue samples,
Harrison 1° x 2° quadrangle, Missouri and Arkansas:
Drill holes nos. 45, 46, 47, 48, and 49

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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. 45 (Missouri log number 23560), drill hole no. 46 (Missouri log number 23644), drill hole no. 47 (Missouri log number 28101), drill hole no. 48 (Missouri log number 26094), and drill hole no. 49 (Missouri log number 28587) are given in this report. Drill hole no. 45 is located in sec. 7, T. 22 N., R. 13 W. in Ozark County, Missouri; drill hole no. 46 is located in sec. 6, T. 25 N., R. 27 W. in Barry County, Missouri; drill hole no. 47 is located in sec. 28, T. 23 N., R. 21 W. in Taney County, Missouri; drill hole no. 48 is located in sec. 33, T. 26 N., R. 24 W. in Stone County, Missouri; and drill hole no. 49 is located in sec. 15, T. 22 N., R. 23 W., in Stone County, Missouri. Data for the insoluble-residue in samples in drill holes 45, 46, 47, 48, and 49 are listed in tables 1, 2, 3, 4, and 5 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.

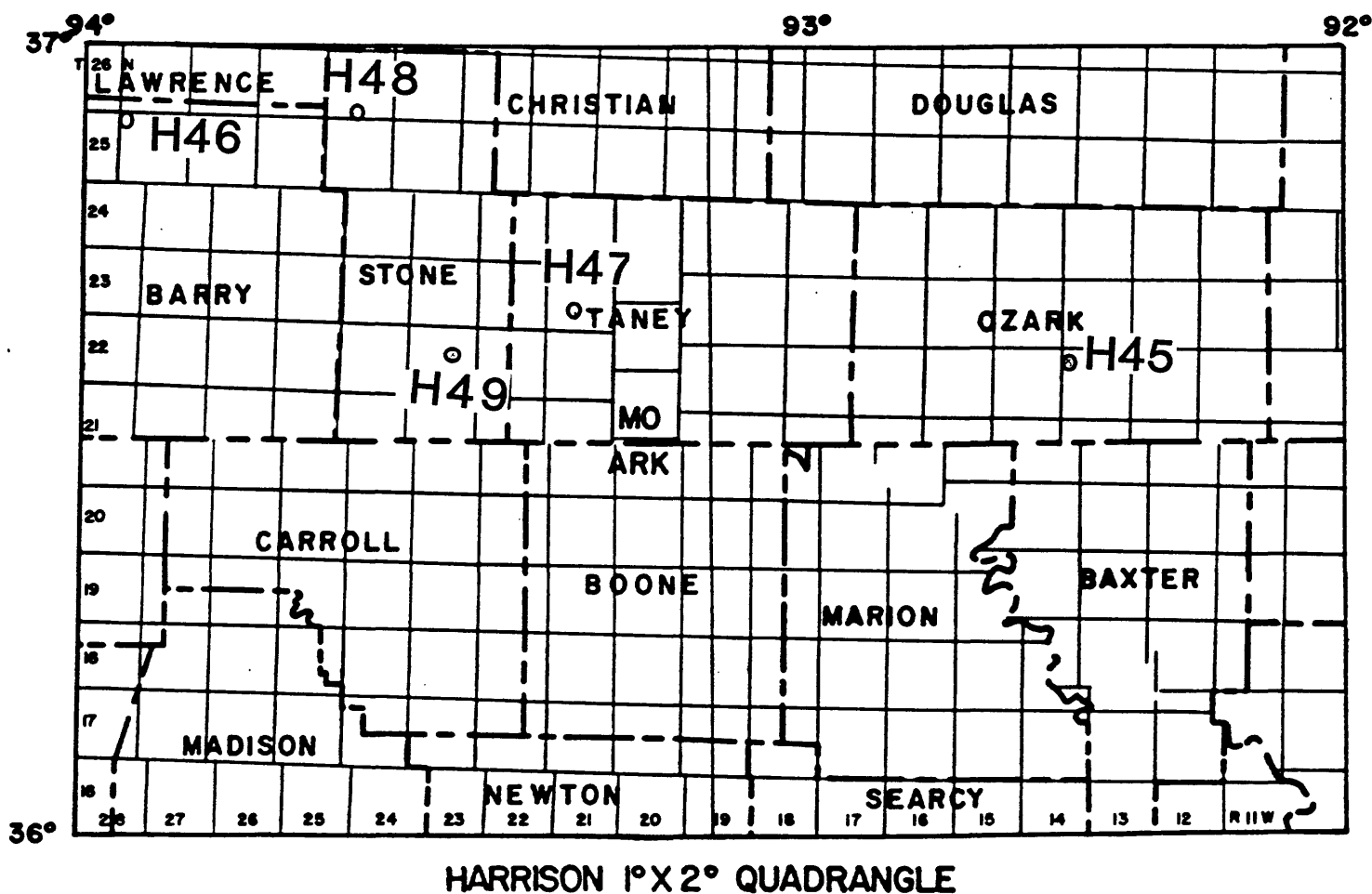
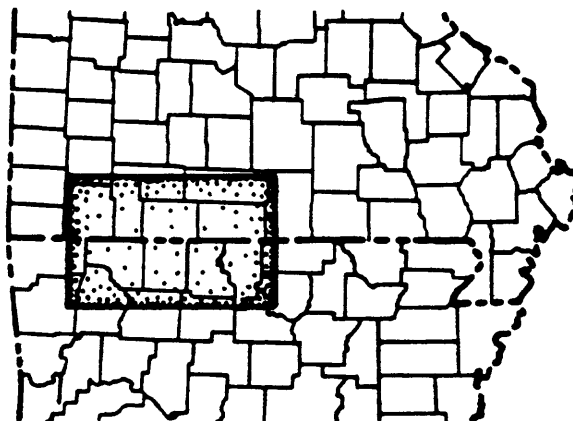
PREPARATION AND ANALYSIS OF SAMPLES

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).



Locations of drill holes discussed in this report

Figure 1. Locations of drill holes, Harrison 1° x 2° quadrangle, Missouri and Arkansas.

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 next four digits identify the depth of the sample from the drill-hole collar. The letter R appears at the end of the character code and signifies insoluble residue. 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.

The stratigraphic unit of the sample is identified by a coded number in the last column (tables 1 through 3) following the thorium column. The code and formation names are as follows:

<u>Code</u>	<u>Formation</u>
39	Jefferson City-Cotter Undifferentiated
35	Undifferentiated Late Cambrian
31	Undifferentiated Mississippian Units
21	Cotter Dolomite
20	Jefferson City Dolomite
19	Roubidoux Formation
18	Gasconade Formation
17	Gunter Sandstone member of the Gasconade Formation
16	Eminence
15	Potosi Formation
14	Derby-Doerun Formation
13	Davis Formation

EXPLANATION OF DATA

The columns in tables 1 through 3 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 1-3, 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

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- Missouri Geological Survey, 1979, Geologic Map of Missouri: Rolla, Missouri, scale 1:500,000.
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- 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. H45, 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. 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
H450015R	5.00	.10	.15	.030	300	N	N	N	100	200
H450025R	5.00	.50	.70	.050	500	N	N	N	100	200
H450035R	15.00	.70	.50	.300	2,000	N	<200	N	100	200
H450045R	7.00	.50	.50	.050	100	N	N	N	100	200
H450055R	.70	.15	.20	.050	10	N	N	N	100	200
H450065R	1.00	.15	.15	.030	200	N	N	N	100	150
H450075R	.70	.50	.50	.050	30	N	N	N	100	150
H450085R	3.00	1.00	.70	.150	100	N	N	N	100	200
H450095R	.10	.50	.30	.015	10	N	N	N	100	100
H450105R	.50	.20	.15	.050	300	N	N	N	100	100
H450115R	.50	.30	.20	.050	10	N	N	N	100	150
H450125R	.20	.20	.15	.030	<10	N	N	N	100	100
H450135R	.15	.30	.20	.050	<10	N	N	N	70	100
H450145R	3.00	.20	.15	.050	20	N	N	N	70	100
H450155R	.30	.20	.10	.070	15	N	N	N	100	150
H450165R	.20	.07	.05	.030	15	N	N	N	50	100
H450175R	.15	.07	.10	.015	15	N	N	N	50	100
H450185R	.15	.10	.07	.010	10	N	N	N	50	100
H450195R	.15	.10	.07	.010	10	N	N	N	50	100
H450205R	.15	.07	.05	.010	10	N	N	N	50	70
H450215R	.20	.05	.07	.015	<10	N	N	N	50	50
H450225R	.20	.03	.05	.010	10	N	N	N	50	100
H450235R	.10	.07	.07	.050	<10	N	N	N	50	50
H450245R	<.05	.07	.10	.005	10	N	N	N	50	150
H450255R	.15	.07	.10	.020	10	N	N	N	50	100
H450265R	.10	.05	.10	.050	<10	N	N	N	50	100
H450275R	.20	.15	.10	.030	10	N	N	N	50	150
H450285R	.20	.15	.10	.050	<10	N	N	N	50	150
H450295R	.20	.10	.07	.020	20	N	N	N	50	150
H450305R	.10	.07	.05	.020	20	N	N	N	50	100
H450315R	.10	.10	.05	.020	20	N	N	N	50	100
H450325R	.10	.10	.05	.020	<10	N	N	N	50	100
H450335R	.15	.20	.15	.050	10	N	N	N	50	150
H450345R	.07	.07	.05	.015	10	N	N	N	50	100
H450355R	.10	.07	.07	.005	<10	N	N	N	50	150
H450365R	.07	.07	.10	.007	10	N	N	N	50	100
H450375R	.10	.10	.10	.010	<10	N	N	N	50	150
H450385R	.10	.05	.10	.005	<10	N	N	N	50	100
H450395R	.10	.05	.10	.005	<10	N	N	N	50	100
H450405R	.10	.10	.10	.010	<10	N	N	N	30	70
H450415R	.50	.20	.10	.100	10	N	N	N	70	150
H450425R	.10	.05	.10	.010	<10	N	N	N	70	100
H450435R	.20	.07	.15	.007	20	N	N	N	50	150
H450445R	.20	.07	.15	.010	20	N	N	N	50	150
H450455R	.20	.05	.10	.010	15	N	N	N	50	100

TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H45, 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	Hg-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
H450015R	5.00	.10	.15	.030	300	N	N	N	100	200
H450025R	5.00	.50	.70	.050	500	N	N	N	100	200
H450035R	15.00	.70	.50	.300	2,000	N	<200	N	100	200
H450045R	7.00	.50	.50	.050	100	N	N	N	100	200
H450055R	.70	.15	.20	.050	10	N	N	N	100	200
H450065R	1.00	.15	.15	.030	200	N	N	N	100	150
H450075R	.70	.50	.50	.050	30	N	N	N	100	150
H450085R	3.00	1.00	.70	.150	100	N	N	N	100	200
H450095R	.10	.50	.30	.015	10	N	N	N	100	100
H450105R	.50	.20	.15	.050	300	N	N	N	100	100
H450115R	.50	.30	.20	.050	10	N	N	N	100	150
H450125R	.20	.20	.15	.030	<10	N	N	N	100	100
H450135R	.15	.30	.20	.050	<10	N	N	N	70	100
H450145R	3.00	.20	.15	.050	20	N	N	N	70	100
H450155R	.30	.20	.10	.070	15	N	N	N	100	150
H450165R	.20	.07	.05	.030	15	N	N	N	50	100
H450175R	.15	.07	.10	.015	15	N	N	N	50	100
H450185R	.15	.10	.07	.010	10	N	N	N	50	100
H450195R	.15	.10	.07	.010	10	N	N	N	50	100
H450205R	.15	.07	.05	.010	10	N	N	N	50	70
H450215R	.20	.05	.07	.015	<10	N	N	N	50	50
H450225R	.20	.03	.05	.010	10	N	N	N	50	100
H450235R	.10	.07	.07	.050	<10	N	N	N	50	50
H450245R	<.05	.07	.10	.005	10	N	N	N	50	150
H450255R	.15	.07	.10	.020	10	N	N	N	50	100
H450265R	.10	.05	.10	.050	<10	N	N	N	50	100
H450275R	.20	.15	.10	.030	10	N	N	N	50	150
H450285R	.20	.15	.10	.050	<10	N	N	N	50	150
H450295R	.20	.10	.07	.020	20	N	N	N	50	150
H450305R	.10	.07	.05	.020	20	N	N	N	50	100
H450315R	.10	.10	.05	.020	20	N	N	N	50	100
H450325R	.10	.10	.05	.020	<10	N	N	N	50	100
H450335R	.15	.20	.15	.050	10	N	N	N	50	150
H450345R	.07	.07	.05	.015	10	N	N	N	50	100
H450355R	.10	.07	.07	.005	<10	N	N	N	50	150
H450365R	.07	.07	.10	.007	10	N	N	N	50	100
H450375R	.10	.10	.10	.010	<10	N	N	N	50	150
H450385R	.10	.05	.10	.005	<10	N	N	N	50	100
H450395R	.10	.05	.10	.005	<10	N	N	N	50	100
H450405R	.10	.10	.10	.010	<10	N	N	N	30	70
H450415R	.50	.20	.10	.100	10	N	N	N	70	150
H450425R	.10	.05	.10	.010	<10	N	N	N	70	100
H450435R	.20	.07	.15	.007	20	N	N	N	50	150
H450445R	.20	.07	.15	.010	20	N	N	N	50	150
H450455R	.20	.05	.10	.010	15	N	N	N	50	100

TABLE 1.--- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H45, 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
H450015R	1.5	N	N	5	50	20	N	5	N	20	<10
H450025R	1.0	N	N	<5	50	20	N	5	N	30	20
H450035R	1.5	N	N	5	50	70	N	10	<20	50	50
H450045R	1.0	N	N	5	20	20	N	5	N	20	30
H450055R	N	N	N	5	<10	5	N	5	N	5	<10
H450065R	1.0	N	N	N	20	5	N	7	N	15	<10
H450075R	1.0	N	N	5	20	7	N	<5	N	10	<10
H450085R	1.5	N	N	N	50	20	N	<5	N	30	50
H450095R	N	N	N	N	10	5	N	5	N	7	N
H450105R	<1.0	N	N	N	20	5	N	N	N	10	N
H450115R	<1.0	N	N	<5	15	10	N	N	N	10	<10
H450125R	N	N	N	N	10	5	N	<5	N	10	N
H450135R	N	N	N	N	20	7	N	<5	N	10	N
H450145R	<1.0	N	N	N	20	15	N	7	N	20	20
H450155R	<1.0	N	N	N	20	10	N	<5	N	20	N
H450165R	N	N	N	N	10	5	N	5	N	20	N
H450175R	N	N	N	N	10	<5	N	<5	N	10	N
H450185R	N	N	N	N	10	5	N	<5	N	10	N
H450195R	N	N	N	N	20	5	N	<5	N	15	N
H450205R	N	N	N	N	10	<5	N	N	N	7	N
H450215R	<1.0	N	N	N	<10	<5	N	N	N	5	N
H450225R	<1.0	N	N	N	<10	<5	N	N	N	7	N
H450235R	<1.0	N	N	N	<10	<5	N	N	N	5	N
H450245R	<1.0	N	N	N	<10	<5	N	N	N	5	N
H450255R	<1.0	N	N	N	<10	<5	N	N	N	10	N
H450265R	<1.0	N	N	N	<10	<5	N	N	N	5	N
H450275R	<1.0	N	N	N	<10	5	N	<5	N	10	N
H450285R	<1.0	N	N	N	<10	5	N	5	N	15	N
H450295R	<1.0	N	N	N	<10	5	N	<5	N	10	N
H450305R	<1.0	N	N	N	<10	<5	N	<5	N	10	N
H450315R	<1.0	N	N	N	<10	<5	N	<5	N	10	N
H450325R	<1.0	N	N	N	<10	5	N	<5	N	10	N
H450335R	<1.0	N	N	N	<10	5	N	N	N	10	N
H450345R	<1.0	N	N	N	<10	5	N	5	N	10	N
H450355R	<1.0	N	N	N	<10	5	N	<5	N	10	N
H450365R	<1.0	N	N	N	<10	5	N	<5	N	10	N
H450375R	1.0	N	N	N	<10	5	N	<5	N	10	N
H450385R	<1.0	N	N	N	<10	5	N	<5	N	10	N
H450395R	<1.0	N	N	N	<10	5	N	5	N	10	N
H450405R	<1.0	N	N	<5	20	7	N	5	N	10	1,000
H450415R	<1.0	N	N	N	20	15	N	5	N	10	10
H450425R	N	N	N	N	10	5	N	5	N	10	700
H450435R	N	N	N	N	10	5	N	<5	N	10	N
H450445R	N	N	N	N	10	5	N	N	N	10	100
H450455R	N	N	N	N	<10	<5	N	5	N	10	N

TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H45, 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
H450015R	N	<5	N	200	50	<50	N	200	50	N	20
H450025R	N	<5	N	<100	50	<50	N	<200	50	N	20
H450035R	N	5	N	100	50	<50	N	1,000	50	N	20
H450045R	N	N	N	N	50	<50	N	700	30	N	20
H450055R	N	N	N	N	10	<50	N	N	N	N	20
H450065R	N	N	N	300	50	<50	N	<200	50	N	20
H450075R	N	N	N	N	20	<50	N	<200	30	N	20
H450085R	N	5	N	N	70	<50	N	500	50	N	20
H450095R	N	N	N	N	10	<50	N	N	<10	N	20
H450105R	N	N	N	N	15	<50	N	N	20	N	20
H450115R	N	N	N	N	20	<50	N	N	20	N	20
H450125R	N	N	N	N	20	<50	N	N	20	N	20
H450135R	N	N	N	N	30	<50	N	N	20	N	20
H450145R	N	N	N	N	20	<50	N	<200	15	N	20
H450155R	N	N	N	N	30	<50	N	200	50	N	19
H450165R	N	N	N	N	20	<50	N	<200	15	N	19
H450175R	N	N	N	N	15	<50	N	N	15	N	19
H450185R	N	N	N	N	20	<50	N	N	N	N	19
H450195R	N	N	N	N	20	<50	N	N	30	N	19
H450205R	N	N	N	N	15	<50	N	N	10	N	19
H450215R	N	N	N	N	10	<50	N	N	100	N	19
H450225R	N	N	N	N	10	<50	N	N	20	N	19
H450235R	N	N	N	N	15	<50	N	N	N	N	19
H450245R	N	N	N	N	10	<50	N	N	10	N	19
H450255R	N	N	N	N	20	<50	N	N	20	N	19
H450265R	N	N	N	N	15	<50	N	N	20	N	19
H450275R	N	N	N	N	30	<50	N	N	20	N	19
H450285R	N	N	N	N	30	<50	N	N	30	N	19
H450295R	N	N	N	N	15	<50	N	N	50	N	19
H450305R	N	N	N	N	20	<50	N	N	30	N	19
H450315R	N	N	N	N	20	<50	N	N	50	N	19
H450325R	N	N	N	N	30	<50	N	N	50	N	19
H450335R	N	N	N	N	50	<50	N	N	50	N	19
H450345R	N	N	N	N	30	<50	N	N	15	N	19
H450355R	N	N	N	N	<10	<50	N	N	20	N	19
H450365R	N	N	N	N	10	<50	N	N	N	N	19
H450375R	N	N	N	N	10	<50	N	N	20	N	18
H450385R	N	N	N	N	10	<50	N	N	N	N	18
H450395R	N	N	N	N	<10	<50	N	N	N	N	18
H450405R	500	N	100	N	10	<50	N	N	10	N	18
H450415R	N	<5	N	N	50	<50	N	<200	50	N	18
H450425R	150	N	30	N	15	<50	N	N	N	N	18
H450435R	N	N	N	N	15	<50	N	N	N	N	18
H450445R	N	N	N	N	15	<50	N	N	N	N	18
H450455R	N	N	N	N	15	<50	N	N	N	N	18

TABLE 1.--- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H45, 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
H450465R	.10	.50	1.00	.005	10	N	N	N	50	150
H450475R	.20	.10	.10	.005	<10	N	N	N	50	100
H450485R	.10	.07	.10	.005	<10	N	N	N	30	100
H450495R	.20	.15	.15	.005	10	N	N	N	50	100
H450505R	.20	.10	.10	.015	10	N	N	N	50	100
H450515R	.20	.10	.15	.015	10	N	N	N	50	150
H450525R	.20	.10	.15	.015	15	N	N	N	50	150
H450535R	.20	.05	.10	.010	10	N	N	N	50	100
H450545R	.20	.05	.05	.015	15	N	N	N	70	70
H450555R	.50	.03	.07	.007	15	N	N	N	50	70
H450565R	.50	.07	.07	.007	15	N	N	N	70	100
H450575R	.50	.03	.05	.007	20	N	N	N	50	100
H450585R	.50	.03	.05	.007	10	N	N	N	50	100
H450595R	.30	.02	.05	.005	10	N	N	N	70	100
H450605R	.50	.02	.07	.007	1,000	N	N	N	50	200
H450615R	.50	.03	.07	.015	1,000	N	N	N	50	200
H450625R	.30	.02	.05	.007	20	N	N	N	70	100
H450635R	.30	.02	.05	.010	100	N	N	N	50	100
H450645R	.30	.02	.05	.015	200	N	N	N	50	150
H450655R	.50	.02	.05	.015	70	N	N	N	50	100
H450665R	.70	.03	.05	.020	30	N	N	N	50	70
H450675R	.70	.03	<.05	.020	10	N	N	N	50	70
H450685R	.20	.02	<.05	.015	20	N	N	N	50	100
H450695R	.10	.07	.10	.020	10	N	N	N	50	150
H450705R	.15	.05	.05	.015	10	N	N	N	50	100
H450715R	.30	.05	.05	.015	10	N	N	N	70	100
H450725R	.30	.02	<.05	.015	10	N	N	N	70	100
H450735R	.30	.03	.05	.015	50	N	N	N	50	100
H450745R	.20	.05	<.05	.020	15	N	N	N	50	70
H450755R	1.00	.05	<.05	.020	10	N	N	N	50	100
H450765R	1.00	.02	<.05	.010	150	N	N	N	50	70
H450775R	.50	.03	<.05	.010	10	N	N	N	30	50
H450785R	.10	.05	.05	.020	100	N	N	N	30	70
H450795R	.30	.03	<.05	.005	50	N	N	N	30	70
H450805R	.20	.02	<.05	.007	50	N	N	N	30	100
H450815R	.30	.03	.05	.010	15	N	N	N	50	150
H450825R	.20	.02	<.05	.005	15	N	N	N	50	30
H450835R	.20	.02	<.05	.010	10	N	N	N	30	100
H450845R	.20	.02	<.05	.007	10	N	N	N	50	20
H450855R	.15	.02	<.05	.007	10	N	N	N	30	<20
H450865R	1.00	.07	.05	.020	200	N	N	N	70	100
H450875R	.30	.07	.07	.050	20	N	N	N	50	30
H450885R	.70	.10	.05	.030	50	N	N	N	70	100
H450895R	1.50	.07	.05	.020	100	N	N	N	70	30
H450905R	1.00	.10	.05	.100	50	.7	N	N	100	150

TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H45, 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
H450465R	N	N	N	N	<10	<5	N	5	N	10	N
H450475R	N	N	N	N	<10	5	N	5	N	15	N
H450485R	N	N	N	N	<10	<5	N	5	N	10	N
H450495R	N	N	N	N	<10	<5	N	5	N	10	N
H450505R	N	N	N	N	<10	5	N	7	N	10	N
H450515R	N	N	N	N	<10	5	N	5	N	15	N
H450525R	N	N	N	N	<10	5	N	<5	N	10	N
H450535R	N	N	N	N	<10	<5	N	<5	N	7	N
H450545R	N	N	N	N	<10	7	N	5	N	10	N
H450555R	N	N	N	N	<10	5	N	5	N	15	N
H450565R	N	N	N	N	<10	<5	N	5	N	10	N
H450575R	N	N	N	N	<10	5	N	<5	N	7	N
H450585R	N	N	N	N	<10	5	N	5	N	10	N
H450595R	N	N	N	N	<10	<5	N	5	N	10	N
H450605R	N	N	N	N	<10	7	N	5	N	15	20
H450615R	1.0	N	N	5	<10	10	N	<5	N	10	N
H450625R	N	N	N	N	<10	5	N	<5	N	10	N
H450635R	N	N	N	N	<10	7	N	5	N	10	N
H450645R	N	N	N	N	<10	5	N	5	N	10	N
H450655R	N	N	N	N	<10	5	N	5	N	15	N
H450665R	N	N	N	N	<10	7	N	7	N	15	N
H450675R	N	N	N	N	<10	5	N	7	N	20	N
H450685R	N	N	N	N	<10	5	N	5	N	15	20
H450695R	N	N	N	N	<10	7	N	<5	N	15	N
H450705R	N	N	N	N	<10	5	N	5	N	20	N
H450715R	N	N	N	N	<10	<5	N	<5	N	15	N
H450725R	N	N	N	N	<10	<5	N	<5	N	10	N
H450735R	N	N	N	N	<10	5	N	5	N	7	N
H450745R	N	N	N	N	<10	7	N	<5	N	10	N
H450755R	N	N	N	N	<10	5	N	<5	N	7	N
H450765R	N	N	N	N	<10	7	N	<5	N	10	10
H450775R	N	N	N	N	<10	<5	N	5	N	10	N
H450785R	N	N	N	N	<10	<5	N	5	N	10	N
H450795R	N	N	N	N	<10	5	N	5	N	10	N
H450805R	N	N	N	N	<10	10	N	<5	N	10	N
H450815R	<1.0	N	N	N	10	5	N	<5	N	10	N
H450825R	<1.0	N	N	N	10	5	N	N	N	5	N
H450835R	N	N	N	N	10	<5	N	N	N	5	N
H450845R	N	N	N	N	10	<5	N	N	N	7	N
H450855R	N	N	N	N	<10	7	N	<5	N	10	N
H450865R	1.0	N	N	N	10	10	N	5	N	15	N
H450875R	1.0	N	N	N	<10	5	N	<5	N	10	N
H450885R	1.0	N	N	N	<10	7	N	5	N	15	N
H450895R	1.0	N	N	N	10	30	N	5	N	15	20
H450905R	1.0	N	N	N	10	10	N	5	N	10	N

TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H45, 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
H450465R	N	N	N	N	20	<50	N	N	N	N	18
H450475R	N	N	N	N	20	<50	N	N	N	N	18
H450485R	N	N	N	N	15	<50	N	N	N	N	18
H450495R	N	N	N	N	20	<50	N	N	N	N	18
H450505R	N	N	N	N	20	<50	N	N	N	N	18
H450515R	N	N	N	N	15	<50	N	N	N	N	18
H450525R	N	N	N	N	15	<50	N	N	N	N	18
H450535R	N	N	N	N	10	<50	N	N	N	N	18
H450545R	N	N	N	N	15	<50	N	N	N	N	18
H450555R	N	N	N	N	15	<50	N	<200	N	N	18
H450565R	N	N	N	N	15	<50	N	N	N	N	18
H450575R	N	N	N	N	15	<50	N	<200	N	N	18
H450585R	N	N	N	N	15	<50	N	<200	N	N	18
H450595R	N	N	N	N	15	<50	N	N	N	N	18
H450605R	N	N	N	N	15	<50	N	N	N	N	18
H450615R	N	N	N	N	20	<50	N	<200	N	N	18
H450625R	N	N	N	N	20	<50	N	N	N	N	18
H450635R	N	N	N	N	20	<50	N	N	N	N	18
H450645R	N	N	N	N	20	<50	N	N	N	N	18
H450655R	N	N	N	N	20	<50	N	N	N	N	18
H450665R	N	N	N	N	30	<50	N	N	N	N	18
H450675R	N	N	N	N	30	<50	N	N	N	N	18
H450685R	N	N	N	N	20	<50	N	N	N	N	18
H450695R	N	N	N	N	20	<50	N	N	N	N	18
H450705R	N	N	N	N	30	<50	N	N	N	N	18
H450715R	N	N	N	N	20	<50	N	N	N	N	18
H450725R	N	N	N	N	30	<50	N	N	N	N	18
H450735R	N	N	N	N	20	<50	N	N	N	N	18
H450745R	N	N	N	N	30	<50	N	N	N	N	18
H450755R	N	N	N	N	20	<50	N	N	N	N	18
H450765R	N	N	N	N	15	<50	N	<200	<10	N	18
H450775R	N	N	N	N	15	<50	N	N	N	N	18
H450785R	N	N	N	N	20	<50	N	N	N	N	18
H450795R	N	N	N	N	10	<50	N	N	N	N	18
H450805R	N	N	N	N	15	<50	N	N	N	N	18
H450815R	N	N	N	N	10	<50	N	N	N	N	17
H450825R	N	N	N	N	15	<50	N	N	1,000	N	17
H450835R	N	N	N	N	15	<50	N	N	100	N	17
H450845R	N	N	N	N	15	<50	N	N	50	N	17
H450855R	N	N	N	N	20	<50	N	N	15	N	17
H450865R	N	N	N	N	20	<50	N	300	10	N	16
H450875R	N	N	N	N	15	<50	N	200	20	N	16
H450885R	N	N	N	N	30	<50	N	200	15	N	16
H450895R	N	N	N	N	20	<50	N	200	10	N	16
H450905R	N	N	N	N	30	<50	N	200	20	N	16

TABLE 1.--- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H45, 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
H450915R	1.00	.07	.05	.015	70	1.0	200	N	70	100
H450925R	2.00	.10	.05	.020	70	.7	N	N	100	100
H450935R	2.00	.05	<.05	.010	100	1.0	N	N	70	70
H450945R	1.50	.50	.10	.100	50	1.0	N	N	100	150
H450955R	2.00	.10	.05	.015	100	.5	N	N	70	100
H450965R	.50	.05	.05	.005	20	.5	N	N	50	100
H450975R	3.00	.10	.05	.015	50	1.0	N	N	70	100
H450985R	2.00	.07	<.05	.010	100	.5	N	N	50	30
H450995R	3.00	.05	<.05	.015	50	.5	N	N	50	20
H451005R	1.50	.15	.07	.050	100	.7	N	N	70	150
H451015R	10.00	.10	.10	.020	100	.7	N	N	70	100
H451025R	1.50	.15	.10	.050	50	.5	200	N	70	100
H451035R	1.00	.10	.15	.030	500	<.5	<200	N	50	200
H451045R	.70	.10	.20	.050	50	<.5	<200	N	70	150
H451055R	1.00	.10	.10	.050	50	.7	N	N	70	100
H451065R	5.00	.15	.20	.100	200	.7	N	N	100	150
H451075R	1.50	.10	.20	.020	100	.7	<200	N	70	100
H451085R	1.00	.05	.15	.015	20	.5	N	N	70	150
H451095R	.50	.03	.10	.007	15	<.5	N	N	50	100
H451105R	.30	.02	.05	.005	15	N	N	N	50	100
H451115R	.30	.05	.07	.015	30	N	N	N	100	200
H451125R	.50	.05	.05	.010	50	<.5	N	N	50	70
H451135R	.50	.05	.10	.015	10	N	N	N	100	70
H451145R	5.00	.05	.05	.015	100	.7	3,000	N	100	20
H451155R	5.00	.05	.05	.020	100	.7	300	N	100	50
H451165R	2.00	.10	.10	.030	30	1.0	N	N	100	100
H451175R	2.00	.03	.07	.020	50	.5	N	N	50	70
H451185R	1.50	.03	.05	.015	50	1.0	N	N	100	50
H451195R	7.00	.05	.05	.020	150	2.0	200	N	70	100
H451205R	1.00	.03	.05	.015	30	.5	N	N	70	50
H451215R	5.00	.05	.05	.005	70	.7	300	N	70	50
H451220R	3.00	.03	.05	.005	20	.5	200	N	50	30

TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H45, 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
H450915R	1.0	N	N	N	10	50	N	5	N	15	500
H450925R	1.5	N	N	N	<10	20	N	7	N	15	50
H450935R	1.5	N	N	N	10	15	N	5	N	15	100
H450945R	1.5	N	N	N	20	15	N	5	N	10	30
H450955R	1.0	N	N	N	10	15	N	7	N	20	20
H450965R	N	N	N	N	10	5	N	<5	N	7	N
H450975R	1.5	N	N	N	20	15	N	10	N	15	15
H450985R	1.0	N	N	N	10	10	N	5	N	15	15
H450995R	1.0	N	N	N	10	20	N	7	N	20	20
H451005R	1.5	N	N	N	20	20	N	5	N	15	10
H451015R	2.0	N	N	N	15	30	N	20	N	20	30
H451025R	1.0	N	N	N	15	10	N	7	N	20	N
H451035R	<1.0	N	N	N	15	10	N	<5	N	20	10
H451045R	<1.0	N	N	N	10	7	N	5	N	15	N
H451055R	1.0	N	N	5	10	15	N	5	N	15	10
H451065R	<1.0	N	N	7	20	30	N	20	N	30	20
H451075R	1.0	N	N	5	15	20	N	15	N	30	20
H451085R	N	N	N	<5	10	15	N	10	<20	20	15
H451095R	N	N	N	N	10	10	N	5	N	10	<10
H451105R	N	N	N	N	10	5	N	<5	N	10	<10
H451115R	N	N	N	N	50	5	N	7	N	10	<10
H451125R	N	N	N	N	70	5	N	10	N	15	<10
H451135R	N	N	N	N	20	<5	N	5	N	10	<10
H451145R	1.5	N	N	5	50	15	N	20	N	20	30
H451155R	2.0	N	N	5	15	15	N	20	N	30	50
H451165R	1.0	N	N	5	20	10	N	15	N	30	30
H451175R	1.0	N	N	5	20	15	N	15	N	15	20
H451185R	<1.0	N	N	5	20	15	N	20	N	20	20
H451195R	1.5	N	N	7	15	20	N	30	N	30	70
H451205R	1.0	N	N	N	15	10	N	5	N	10	15
H451215R	1.0	N	N	N	10	15	N	20	N	15	50
H451220R	1.0	N	N	<5	10	10	N	15	N	15	20

TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H45, 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
H450915R	N	N	N	N	15	<50	N	200	N	N	16
H450925R	N	N	N	N	50	<50	N	500	<10	N	16
H450935R	N	N	N	N	20	<50	N	500	N	N	16
H450945R	N	N	N	N	70	<50	N	200	100	N	16
H450955R	N	N	N	N	50	<50	N	500	N	N	16
H450965R	N	N	N	N	20	<50	N	N	N	N	16
H450975R	N	N	N	N	50	<50	N	300	15	N	16
H450985R	N	N	N	N	20	<50	N	300	N	N	16
H450995R	N	N	N	N	50	<50	N	300	N	N	16
H451005R	N	N	N	N	100	<50	N	300	30	N	16
H451015R	N	N	N	N	50	<50	N	1,000	N	N	16
H451025R	N	N	N	N	50	<50	N	300	30	N	16
H451035R	N	N	N	N	30	<50	N	300	N	N	16
H451045R	N	N	N	N	50	<50	N	200	10	N	16
H451055R	N	N	N	N	50	<50	N	200	15	N	16
H451065R	N	N	N	N	70	<50	N	500	15	N	16
H451075R	N	N	N	N	30	<50	N	200	N	N	16
H451085R	N	N	N	N	50	<50	N	<200	N	N	16
H451095R	N	N	N	N	20	<50	N	N	50	N	16
H451105R	N	N	N	N	20	<50	N	N	N	N	16
H451115R	N	N	N	N	20	<50	N	<200	N	N	16
H451125R	N	N	N	N	20	<50	N	<200	N	N	16
H451135R	N	N	N	N	30	<50	N	N	N	N	16
H451145R	N	N	N	N	50	<50	N	500	N	N	16
H451155R	N	N	N	N	50	<50	N	500	N	N	16
H451165R	N	N	N	N	50	<50	N	300	20	N	15
H451175R	N	N	N	N	30	<50	N	200	30	N	15
H451185R	N	N	N	N	20	<50	N	200	N	N	15
H451195R	N	N	N	N	50	<50	N	1,000	10	N	15
H451205R	N	N	N	N	20	<50	N	<200	N	N	15
H451215R	N	N	N	N	30	<50	N	300	N	N	15
H451220R	N	N	N	N	15	<50	N	<200	N	N	15

TABLE 2.--- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H46, 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	Ba-ppm S
H460030R	.10	.02	.15	.010	10	N	N	N	100	100
H460040R	.15	.05	.20	.010	10	N	N	N	70	N
H460050R	.50	.07	.70	.030	50	N	N	N	100	50
H460060R	.15	.03	1.00	.015	10	N	N	N	100	50
H460070R	.20	.03	1.00	.015	10	N	N	N	100	70
H460080R	.10	.02	.70	.010	10	N	N	N	100	20
H460090R	.15	.05	1.00	.010	10	N	N	N	100	50
H460100R	.10	.02	.50	.015	10	N	N	N	100	20
H460110R	.15	.07	.70	.015	10	N	N	N	100	50
H460120R	5.00	1.00	.05	.700	200	N	N	N	100	300
H460130R	5.00	1.00	.05	1.000	200	N	N	N	150	300
H460140R	1.00	.07	.30	.015	15	N	N	N	100	N
H460150R	1.00	.15	.50	.050	50	N	N	N	70	20
H460160R	.70	.70	1.00	.050	20	N	N	N	70	30
H460170R	1.50	.70	1.00	.050	20	N	N	N	70	50
H460180R	1.00	1.00	1.50	.150	50	N	N	N	100	100
H460190R	.70	1.00	2.00	.100	70	N	N	N	70	70
H460200R	.20	.70	1.00	.030	30	N	N	N	50	50
H460210R	1.00	1.50	5.00	.150	100	N	N	N	100	100
H460220R	1.00	1.00	1.50	.150	70	N	N	N	100	100
H460230R	1.00	2.00	3.00	.500	500	N	N	N	100	150
H460240R	1.00	1.00	2.00	1.000	200	N	N	N	200	300
H460250R	10.00	1.00	1.00	.300	50	N	N	N	150	200
H460260R	7.00	.70	1.00	.100	20	N	N	N	100	100
H460270R	.70	.70	1.00	.050	10	N	N	N	100	150
H460280R	1.50	.20	.15	.030	<10	N	N	N	100	150
H460290R	1.50	.50	.20	.150	10	N	N	N	100	200
H460300R	10.00	.30	.20	.100	10	N	N	N	100	150
H460310R	1.50	.30	.15	.100	<10	N	N	N	70	100
H460320R	.30	.15	.20	.030	<10	N	N	N	70	200
H460330R	1.50	.20	.20	.050	10	N	N	N	70	200
H460340R	1.00	1.50	1.00	.200	20	N	N	N	150	200
H460350R	1.50	1.00	.70	.100	20	N	N	N	100	150
H460360R	1.00	.10	.05	.015	10	N	N	N	100	100
H460370R	.50	1.00	.20	.100	15	N	N	N	100	500
H460380R	.20	1.00	.50	.100	20	N	N	N	100	500
H460390R	.30	.05	.10	.010	<10	N	N	N	70	50
H460400R	.50	.15	.20	.030	<10	N	N	N	100	200
H460410R	.15	.10	.10	.020	10	N	N	N	50	100
H460420R	.30	.10	.15	.005	<10	N	N	N	50	200
H460430R	1.50	.10	.20	.007	<10	N	N	N	50	300
H460440R	10.00	.70	.50	.050	20	N	N	N	70	200
H460450R	.70	.10	.15	.030	<10	N	N	N	100	150
H460460R	.50	.20	.20	.030	<10	N	N	N	100	100
H460470R	.20	.15	.15	.015	<10	N	N	N	100	100

TABLE 2.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H46, HARRISON 1 X 2
QUADRANGLE, MISSOURI AND ARKANSAS--Continued

Sample	Be-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
H460030R	N	N	N	N	10	5	N	<5	<20	7	N
H460040R	N	N	N	N	10	5	N	<5	N	7	N
H460050R	N	N	N	N	15	15	N	5	<20	30	N
H460060R	N	N	N	N	10	<5	N	5	N	10	N
H460070R	N	N	N	N	15	<5	N	5	N	10	N
H460080R	N	N	N	N	10	<5	N	5	N	15	N
H460090R	N	N	N	N	10	5	N	5	N	15	N
H460100R	N	N	N	N	10	<5	N	<5	N	15	N
H460110R	N	N	N	N	10	<5	N	5	N	20	N
H460120R	1.5	N	N	10	70	50	N	<5	<20	100	50
H460130R	2.0	N	N	10	100	50	N	5	<20	100	20
H460140R	N	N	N	N	10	<5	N	7	N	20	N
H460150R	N	N	N	5	20	7	N	7	N	30	N
H460160R	N	N	N	5	10	<5	N	5	N	30	N
H460170R	<1.0	N	N	7	15	5	N	<5	N	50	N
H460180R	1.0	N	N	5	50	5	N	5	N	70	N
H460190R	1.0	N	N	5	30	5	N	<5	N	50	N
H460200R	N	N	N	<5	20	<5	N	<5	N	30	N
H460210R	1.0	N	N	7	20	70	N	10	N	150	N
H460220R	1.0	N	N	5	50	5	N	5	N	70	N
H460230R	1.0	N	N	15	70	70	N	5	N	500	<10
H460240R	1.5	N	N	10	100	50	30	<5	<20	50	<10
H460250R	1.0	N	N	15	70	30	N	<5	N	70	<10
H460260R	<1.0	N	N	15	20	30	N	15	N	50	15
H460270R	N	N	N	<5	10	20	N	<5	N	15	<10
H460280R	N	N	N	N	10	50	N	5	N	15	<10
H460290R	<1.0	N	N	5	15	70	N	5	N	20	10
H460300R	N	N	N	5	15	50	N	<5	N	30	<10
H460310R	N	N	N	<5	10	20	N	<5	N	20	N
H460320R	N	N	N	N	10	5	N	5	N	20	N
H460330R	<1.0	N	N	N	10	15	N	7	N	30	N
H460340R	1.0	N	N	10	50	50	N	20	N	30	30
H460350R	<1.0	N	N	5	20	20	N	15	N	30	20
H460360R	<1.0	N	N	N	15	5	N	7	N	15	<10
H460370R	<1.0	N	N	N	20	20	N	5	N	10	10
H460380R	1.0	N	N	N	20	15	N	<5	N	10	15
H460390R	N	N	N	N	10	<5	N	5	N	10	N
H460400R	<1.0	N	N	N	10	10	N	<5	N	10	N
H460410R	N	N	N	N	10	<5	N	<5	N	7	N
H460420R	N	N	N	N	10	<5	N	5	N	10	N
H460430R	N	N	N	N	10	<5	N	5	N	10	N
H460440R	<1.0	N	N	15	15	100	N	30	N	50	30
H460450R	N	N	N	N	15	15	N	7	N	10	N
H460460R	N	N	N	N	<10	7	N	7	N	10	N
H460470R	N	N	N	N	<10	5	N	<5	N	5	N

TABLE 2.-- SPECTROGRAPHIC ANALISES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H46, 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
H460030R	N	N	N	N	20	<50	N	N	10	N	31
H460040R	N	N	N	N	15	<50	N	N	<10	N	31
H460050R	N	N	N	N	20	<50	N	<200	N	N	31
H460060R	N	N	N	N	15	<50	N	N	N	N	31
H460070R	N	N	N	N	20	<50	N	N	N	N	31
H460080R	N	N	N	N	20	<50	N	N	N	N	31
H460090R	N	N	N	N	20	<50	N	<200	N	N	31
H460100R	N	N	N	N	15	<50	N	N	N	N	31
H460110R	N	N	N	N	20	<50	30	N	N	N	31
H460120R	N	15	N	N	100	<50	30	200	150	N	31
H460130R	N	15	N	N	150	<50	N	200	150	N	31
H460140R	N	N	N	N	20	<50	N	<200	N	N	31
H460150R	N	N	N	N	20	<50	N	200	N	N	31
H460160R	N	N	N	N	50	<50	N	300	<10	N	31
H460170R	N	<5	N	N	50	<50	N	<200	<10	N	31
H460180R	N	5	N	N	70	<50	N	N	70	N	31
H460190R	N	5	N	N	70	<50	N	N	50	N	31
H460200R	N	<5	N	N	50	<50	N	<200	15	N	31
H460210R	N	5	N	N	100	<50	N	N	50	N	31
H460220R	N	<5	N	N	100	<50	N	N	50	N	31
H460230R	N	7	N	N	100	<50	20	N	200	N	31
H460240R	N	15	N	<100	200	<50	20	N	500	N	31
H460250R	N	7	N	N	100	<50	15	N	200	N	31
H460260R	N	<5	N	N	30	<50	N	N	30	N	21
H460270R	N	N	N	N	20	<50	N	N	20	N	21
H460280R	N	N	N	N	15	<50	N	N	10	N	21
H460290R	N	<5	N	N	30	<50	N	N	50	N	21
H460300R	N	<5	N	N	50	<50	N	N	50	N	21
H460310R	N	N	N	N	30	<50	N	N	50	N	21
H460320R	N	N	N	N	15	<50	N	N	50	N	21
H460330R	N	N	N	N	20	<50	N	N	100	N	21
H460340R	N	<5	N	N	70	<50	N	N	100	N	21
H460350R	N	N	N	N	50	<50	N	N	30	N	21
H460360R	N	N	N	N	20	<50	N	N	N	N	21
H460370R	N	<5	N	N	50	<50	N	N	200	N	21
H460380R	N	<5	N	<100	50	<50	N	N	300	N	21
H460390R	N	N	N	N	10	<50	N	N	10	N	21
H460400R	N	N	N	<100	20	<50	N	N	50	N	21
H460410R	N	N	N	N	20	<50	N	N	10	N	21
H460420R	N	N	N	N	15	<50	N	N	10	N	21
H460430R	N	N	N	<100	15	<50	N	N	N	N	21
H460440R	N	N	N	N	30	<50	N	N	30	N	21
H460450R	N	N	N	<100	20	<50	N	N	30	N	21
H460460R	N	N	N	N	20	<50	N	N	20	N	20
H460470R	N	N	N	N	20	<50	N	N	<10	N	20

TABLE 2.--- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H46, 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
H460480R	.30	.50	1.00	.030	10	N	N	N	100	200
H460490R	.20	.50	1.00	.050	10	N	N	N	100	150
H460500R	.10	.30	.30	.050	<10	N	N	N	100	100
H460510R	.20	1.00	1.00	.070	10	N	N	N	100	150
H460520R	.70	.50	.70	.050	10	N	N	N	100	150
H460530R	.20	.30	.30	.020	10	N	N	N	100	100
H460540R	.50	.50	.50	.050	10	N	N	N	100	200
H460550R	.70	.30	.15	.030	10	N	N	N	100	50
H460560R	.10	.10	.10	.010	<10	N	N	N	100	100
H460580R	.50	.15	.10	.010	<10	N	N	N	50	N
H460590R	1.00	.20	.10	.100	10	N	N	N	100	100
H460600R	.70	.20	.15	.100	10	N	N	N	100	200
H460610R	2.00	.30	.15	.150	10	N	N	N	100	150
H460620R	5.00	.30	.10	.100	30	N	N	N	70	100
H460630R	1.50	.50	.50	.100	20	N	N	N	100	200
H460640R	.30	.50	.30	.050	10	N	N	N	100	100
H460650R	.50	.20	.10	.015	<10	N	N	N	50	20
H460660R	.20	.10	.05	.020	<10	N	N	N	70	50
H460670R	.10	.07	.07	.010	<10	N	N	N	50	100
H460680R	.15	.02	<.05	.005	10	N	N	N	70	70
H460690R	.50	.15	.05	.030	<10	N	N	N	70	100
H460700R	.30	.07	.05	.015	<10	N	N	N	70	100
H460710R	.15	.07	.05	.015	<10	N	N	N	70	100
H460720R	.20	.05	<.05	.015	<10	N	N	N	70	70
H460730R	.30	.70	.05	.020	10	N	N	N	70	50
H460740R	.30	.07	.05	.010	10	N	N	N	50	70
H460750R	.15	.05	.05	.010	<10	N	N	N	50	100
H460760R	.15	.10	.07	.015	<10	N	N	N	50	70
H460770R	.15	.05	<.05	.010	<10	N	N	N	20	70
H460780R	.05	.02	<.05	.002	<10	N	N	N	20	50
H460790R	.20	.10	.10	.003	<10	N	N	N	30	70
H460800R	.15	.05	.05	.003	<10	N	N	N	20	70
H460810R	.07	.03	<.05	.007	<10	N	N	N	30	70
H460820R	.15	.02	<.05	.002	<10	N	N	N	10	20
H460830R	.15	.02	<.05	.003	<10	N	N	N	10	20
H460840R	.10	.02	<.05	.003	<10	N	N	N	20	30
H460850R	.50	.07	.05	.005	10	N	N	N	30	50
H460860R	.50	.03	<.05	.010	<10	N	N	N	10	30
H460870R	.15	.05	.07	.005	15	N	N	N	70	50
H460880R	1.00	.20	.20	.020	10	N	N	N	50	50
H460890R	<.05	.05	.05	.002	<10	N	N	N	50	50
H460900R	.20	.07	.05	.002	<10	N	N	N	50	50
H460910R	.10	.07	.05	.005	<10	N	N	N	50	30
H460920R	.07	.05	.05	.007	<10	N	N	N	70	20
H460930R	.10	.05	.07	.002	<10	N	N	N	100	50

TABLE 2.--- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H46, 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
H460480R	N	N	N	N	<10	<5	N	<5	N	10	N
H460490R	N	N	N	N	10	5	N	5	N	10	<10
H460500R	N	N	N	N	10	<5	N	5	N	10	N
H460510R	<1.0	N	N	N	15	5	N	<5	N	10	N
H460520R	N	N	N	N	10	15	N	7	N	15	10
H460530R	N	N	N	<5	10	7	N	<5	N	10	N
H460540R	N	N	N	N	15	15	N	5	N	15	N
H460550R	N	N	N	N	10	20	N	7	N	15	N
H460560R	N	N	N	N	<10	<5	N	7	N	10	N
H460580R	N	N	N	N	<10	5	N	5	N	10	N
H460590R	N	N	N	5	10	15	N	15	N	10	N
H460600R	N	N	N	N	10	15	N	10	N	15	N
H460610R	1.0	N	N	5	20	20	N	15	N	20	10
H460620R	1.0	N	N	<5	15	15	N	7	N	20	N
H460630R	1.0	N	N	5	20	30	N	10	N	20	<10
H460640R	<1.0	N	N	<5	15	15	N	7	N	10	N
H460650R	N	N	N	<5	<10	7	N	<5	N	10	N
H460660R	N	N	N	<5	10	7	N	5	N	15	N
H460670R	N	N	N	N	<10	<5	N	<5	N	10	N
H460680R	N	N	N	N	<10	<5	N	<5	N	10	N
H460690R	<1.0	N	N	N	<10	5	N	7	N	15	N
H460700R	N	N	N	N	<10	7	N	7	N	15	N
H460710R	N	N	N	N	<10	15	N	7	N	15	N
H460720R	N	N	N	N	<10	5	N	7	N	10	N
H460730R	N	N	N	N	<10	5	N	7	N	15	N
H460740R	N	N	N	N	<10	<5	N	5	N	7	N
H460750R	N	N	N	N	<10	5	N	<5	N	7	N
H460760R	N	N	N	N	<10	<5	N	<5	N	5	N
H460770R	N	N	N	N	<10	50	N	<5	N	5	N
H460780R	N	N	N	N	<10	<5	N	<5	N	5	N
H460790R	N	N	N	N	<10	15	N	<5	N	5	N
H460800R	N	N	N	N	<10	10	N	N	N	5	N
H460810R	N	N	N	N	<10	50	N	N	N	5	N
H460820R	N	N	N	N	<10	<5	N	<5	N	5	N
H460830R	N	N	N	N	<10	7	N	<5	N	7	N
H460840R	N	N	N	N	<10	5	N	<5	N	7	N
H460850R	N	N	N	N	<10	20	N	<5	N	7	N
H460860R	N	N	N	N	<10	100	N	<5	N	10	N
H460870R	N	N	N	N	<10	50	N	5	N	7	N
H460880R	N	N	N	N	<10	20	N	<5	N	10	N
H460890R	N	N	N	N	<10	<5	N	<5	N	5	N
H460900R	N	N	N	N	<10	10	N	<5	N	5	N
H460910R	N	N	N	N	<10	7	N	<5	N	7	N
H460920R	N	N	N	N	<10	<5	N	N	N	5	N
H460930R	N	N	N	N	<10	<5	N	<5	N	7	N

TABLE 2.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H46, 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
H460480R	N	N	N	N	15	<50	N	N	20	N	20
H460490R	N	N	N	N	20	<50	N	N	30	N	20
H460500R	N	N	N	N	20	<50	N	N	150	N	20
H460510R	N	N	N	N	30	<50	N	N	50	N	20
H460520R	N	N	N	N	30	<50	N	N	20	N	20
H460530R	N	N	N	N	20	<50	N	N	N	N	20
H460540R	N	N	N	N	20	<50	N	N	20	N	20
H460550R	N	N	N	N	20	<50	N	N	<10	N	20
H460560R	N	N	N	N	15	<50	N	N	N	N	20
H460580R	N	N	N	N	15	<50	N	N	N	N	20
H460590R	N	N	N	N	20	<50	N	N	50	N	20
H460600R	N	N	N	N	30	<50	N	N	50	N	20
H460610R	N	<5	N	N	50	<50	N	N	50	N	20
H460620R	N	<5	N	N	20	<50	N	N	50	N	20
H460630R	N	<5	N	N	50	<50	N	N	50	N	20
H460640R	N	N	N	N	20	<50	N	N	20	N	20
H460650R	N	N	N	N	10	<50	N	N	<10	N	20
H460660R	N	N	N	N	15	<50	N	N	N	N	19
H460670R	N	N	N	100	10	<50	N	N	30	N	19
H460680R	N	N	N	100	10	<50	N	N	<10	N	19
H460690R	N	N	N	N	15	<50	N	N	20	N	19
H460700R	N	N	N	100	10	<50	N	N	20	N	19
H460710R	N	N	N	<100	15	<50	N	N	<10	N	19
H460720R	N	N	N	<100	15	<50	N	N	20	N	19
H460730R	N	N	N	N	20	<50	N	N	30	N	19
H460740R	N	N	N	N	20	<50	N	N	<10	N	19
H460750R	N	N	N	N	15	<50	N	N	<10	N	19
H460760R	N	N	N	N	15	<50	N	N	N	N	19
H460770R	N	N	N	N	15	<50	N	N	20	N	19
H460780R	N	N	N	N	20	<50	N	N	30	N	19
H460790R	N	N	N	N	20	<50	N	N	30	N	19
H460800R	N	N	N	N	10	<50	N	N	50	N	19
H460810R	N	N	N	N	15	<50	N	N	70	N	19
H460820R	N	N	N	N	15	<50	N	N	30	N	19
H460830R	N	N	N	N	10	<50	N	N	20	N	18
H460840R	N	N	N	N	15	<50	N	N	20	N	18
H460850R	N	N	N	N	15	<50	N	N	10	N	18
H460860R	N	N	N	N	20	<50	N	N	20	N	18
H460870R	N	N	N	N	15	<50	N	N	N	N	18
H460880R	N	N	N	N	15	<50	N	N	20	N	18
H460890R	N	N	N	N	15	<50	N	N	N	N	18
H460900R	N	N	N	N	15	<50	N	N	N	N	18
H460910R	N	N	N	N	15	<50	N	N	N	N	18
H460920R	N	N	N	N	15	<50	N	N	N	N	18
H460930R	N	N	N	N	20	<50	N	N	N	N	18

TABLE 2.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H46, 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
H460940R	.05	.10	.15	.002	<10	N	N	N	70	30
H460950R	.05	.07	.15	.003	15	N	N	N	50	70
H460960R	.10	.05	.10	.002	<10	N	N	N	70	50
H460970R	.30	.10	.15	.010	<10	N	N	N	70	100
H460980R	.15	.10	.10	.010	<10	N	N	N	100	100
H460990R	.10	.07	.05	.010	<10	N	N	N	70	100
H461000R	.07	.10	.07	.002	<10	N	N	N	100	70
H461010R	.20	.10	.07	.005	<10	N	N	N	100	50
H461020R	.07	.05	.05	.007	<10	N	N	N	70	20
H461030R	1.50	.07	.05	.050	15	N	N	N	70	50
H461040R	7.00	.50	.70	.020	10	N	N	N	100	30
H461050R	.70	.03	<.05	.030	<10	N	N	N	70	30
H461060R	1.50	.03	<.05	.010	<10	N	N	N	50	50
H461070R	.70	.05	.10	.010	<10	N	N	N	50	30
H461080R	2.00	.05	.05	.020	15	N	N	N	50	20
H461090R	3.00	.10	<.05	.100	50	N	N	N	100	100
H46110R	1.00	.05	.05	.020	10	N	N	N	70	<20
H461120R	2.00	.10	.05	.150	50	N	N	N	100	100
H461130R	1.00	.10	<.05	.050	10	N	N	N	70	20
H461140R	N	<.02	<.05	.002	<10	N	N	N	10	N
H461150R	.10	.02	<.05	.003	10	N	N	N	10	N
H461160R	.10	.02	<.05	.003	<10	N	N	N	10	N
H461170R	.15	.02	<.05	.005	<10	N	N	N	10	20
H461180R	.05	.02	<.05	.005	<10	N	N	N	10	<20
H461190R	.70	.05	.05	.015	15	N	N	N	10	30
H461200R	5.00	.10	<.05	.100	20	N	N	N	50	30
H461220R	7.00	.50	.07	.200	10	N	N	N	200	150
H461240R	7.00	.50	.05	.100	50	N	N	N	200	30
H461250R	7.00	.70	.10	.100	20	N	N	N	100	70
H461290R	10.00	.70	.05	.200	100	<.5	N	N	200	100
H461350R	10.00	.50	.05	.200	100	.7	300	N	200	100
H461380R	20.00	.10	.05	.020	100	.7	300	N	100	50
H461410R	20.00	.20	.15	.020	200	.7	300	N	70	50
H461475R	15.00	.30	.07	.150	100	<.5	N	N	70	100

TABLE 2.--- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H46, 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
H460940R	N	N	N	N	<10	<5	N	<5	N	5	N
H460950R	N	N	N	N	<10	<5	N	<5	N	7	N
H460960R	N	N	N	N	<10	<5	N	N	N	5	N
H460970R	N	N	N	N	<10	5	N	N	N	5	N
H460980R	N	N	N	N	<10	<5	N	N	N	5	N
H460990R	N	N	N	N	<10	<5	N	<5	N	5	N
H461000R	N	N	N	N	<10	<5	N	<5	N	5	N
H461010R	N	N	N	N	<10	7	N	<5	N	7	N
H461020R	N	N	N	N	<10	<5	N	<5	N	5	N
H461030R	<1.0	N	N	N	<10	70	N	15	N	10	<10
H461040R	N	N	N	N	<10	30	N	<5	N	10	10
H461050R	N	N	N	N	<10	20	N	5	N	10	10
H461060R	N	N	N	N	<10	50	N	10	N	10	<10
H461070R	N	N	N	N	<10	15	N	<5	N	10	<10
H461080R	N	N	N	N	<10	700	N	5	N	15	10
H461090R	<1.0	N	N	5	20	50	N	20	N	50	50
H461100R	N	N	N	N	10	15	N	7	N	10	<10
H461120R	N	N	N	5	20	30	N	50	N	20	20
H461130R	N	N	N	<5	10	15	N	20	N	10	10
H461140R	N	N	N	N	<10	<5	N	<5	N	5	N
H461150R	N	N	N	N	<10	<5	N	<5	N	7	N
H461160R	N	N	N	N	10	<5	N	<5	N	7	N
H461170R	N	N	N	N	<10	10	N	<5	N	5	N
H461180R	N	N	N	N	10	<5	N	N	N	7	N
H461190R	N	N	N	N	10	15	N	5	N	10	N
H461200R	N	N	N	N	20	30	N	20	N	20	10
H461220R	1.0	N	N	5	70	500	N	50	N	100	70
H461240R	1.0	N	N	10	20	50	N	50	N	70	100
H461250R	1.0	N	N	15	20	100	N	100	N	70	70
H461290R	1.5	N	N	20	50	700	N	300	N	100	100
H461350R	2.0	N	N	20	50	100	N	1,000	N	100	100
H461380R	N	N	N	20	<10	200	N	100	N	150	50
H461410R	N	N	N	50	20	500	N	70	N	300	150
H461475R	<1.0	N	N	15	20	100	N	50	N	150	100

TABLE 2.--- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H46, 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
H460940R	N	N	N	N	20	<50	N	N	N	N	18
H460950R	N	N	N	N	20	<50	N	N	N	N	18
H460960R	N	N	N	N	15	<50	N	N	N	N	18
H460970R	N	N	N	N	20	<50	N	N	N	N	18
H460980R	N	N	N	N	20	<50	N	N	N	N	18
H460990R	N	N	N	N	20	<50	N	N	N	N	18
H461000R	N	N	N	N	15	<50	N	N	N	N	18
H461010R	N	N	N	N	20	<50	N	N	N	N	18
H461020R	N	N	N	N	30	<50	N	N	N	N	18
H461030R	N	N	N	N	50	<50	N	N	50	N	18
H461040R	N	N	N	N	20	<50	N	N	N	N	18
H461050R	N	N	N	N	15	<50	N	N	N	N	18
H461060R	N	N	N	N	15	<50	N	N	N	N	18
H461070R	N	N	N	N	15	<50	N	N	N	N	18
H461080R	N	N	N	N	15	<50	N	N	N	N	18
H461090R	N	N	N	N	50	<50	N	N	50	N	18
H461110R	N	N	N	N	15	<50	N	N	N	N	18
H461120R	N	N	N	N	30	<50	N	N	100	N	18
H461130R	N	N	N	N	20	<50	N	N	50	N	18
H461140R	N	N	N	N	10	<50	N	N	N	N	17
H461150R	N	N	N	N	10	<50	N	N	10	N	17
H461160R	N	N	N	N	15	<50	N	N	20	N	17
H461170R	N	N	N	N	15	<50	N	N	100	N	17
H461180R	N	N	N	N	10	<50	N	N	20	N	17
H461190R	N	N	N	N	20	<50	N	N	100	N	35
H461200R	N	N	N	N	20	<50	N	N	50	N	35
H461220R	N	5	N	N	70	<50	N	700	100	N	35
H461240R	N	<5	N	N	70	<50	N	N	50	N	35
H461250R	N	<5	N	N	100	<50	N	N	100	N	35
H461290R	N	7	N	N	150	<50	N	N	100	N	35
H461350R	N	5	N	N	150	<50	N	N	100	N	35
H461380R	N	N	N	N	15	<50	N	N	N	N	35
H461410R	N	N	N	N	15	<50	N	N	N	N	35
H461475R	N	<5	N	N	20	<50	N	N	100	N	35

TABLE 3.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H47, 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
H470010R	.50	1.00	1.00	.100	100	N	N	N	150	200
H470020R	1.50	.30	.15	.100	15	N	N	N	150	150
H470030R	2.00	2.00	1.00	.200	20	<.5	N	N	200	200
H470040R	1.50	2.00	2.00	.200	20	N	N	N	150	200
H470050R	1.50	1.00	.70	.200	10	N	N	N	150	200
H470060R	2.00	.20	.07	.100	<10	N	N	N	200	100
H470070R	10.00	2.00	2.00	.150	50	.5	N	N	150	200
H470080R	1.50	.70	.50	.200	20	N	N	N	100	200
H470090R	1.50	.70	.50	.100	15	N	N	N	100	200
H470100R	1.00	.50	.20	.070	20	N	N	N	100	150
H470110R	2.00	1.50	.70	.300	30	N	N	N	150	500
H470120R	2.00	1.50	.70	.300	20	N	N	N	150	300
H470130R	1.00	1.00	.50	.150	15	N	N	N	150	150
H470140R	7.00	2.00	.20	1.000	50	N	N	N	150	500
H470150R	1.00	1.50	2.00	.200	30	N	N	N	150	200
H470160R	3.00	3.00	2.00	.300	50	N	N	N	150	300
H470170R	1.00	2.00	2.00	.150	20	N	N	N	100	100
H470180R	1.00	3.00	2.00	.200	20	N	N	N	150	200
H470190R	1.00	1.00	1.00	.200	15	N	N	N	200	200
H470200R	.50	1.00	1.00	.100	<10	N	N	N	100	100
H470210R	1.00	2.00	1.00	.500	20	N	N	N	150	300
H470220R	1.50	.70	.20	.300	15	.5	N	N	150	200
H470230R	1.00	.70	.70	.150	<10	N	N	N	100	200
H470240R	.50	.30	.20	.070	<10	N	N	N	100	100
H470250R	.70	1.00	1.00	.050	10	N	N	N	100	100
H470260R	.70	2.00	2.00	.100	20	N	N	N	100	200
H470270R	1.50	1.50	2.00	.100	15	N	N	N	100	150
H470280R	1.50	1.00	.70	.200	20	N	N	N	150	200
H470290R	1.00	1.00	1.00	.100	20	N	N	N	150	200
H470300R	.30	.50	.20	.050	<10	N	N	N	100	100
H470310R	.50	1.00	.50	.100	15	N	N	N	100	150
H470320R	.70	.50	.30	.150	15	N	N	N	100	200
H470330R	1.00	1.50	2.00	.150	30	N	N	N	150	200
H470340R	1.00	1.00	.70	.200	20	N	N	N	150	200
H470350R	1.00	1.00	.70	.150	15	N	N	N	100	100
H470360R	.50	1.00	1.00	.100	15	N	N	N	100	100
H470370R	.50	.20	.15	.050	<10	N	N	N	150	50
H470380R	1.00	.70	.50	.150	10	N	N	N	100	100
H470390R	1.00	1.50	15.00	.150	15	N	N	N	100	150
H470400R	1.50	1.00	.70	.100	15	N	N	N	100	150
H470410R	.30	.50	.50	.100	10	N	N	N	100	150
H470420R	.50	.50	.30	.200	20	N	N	N	100	150
H470430R	.10	.10	.10	.030	<10	N	N	N	100	100
H470440R	.15	.10	.07	.030	30	N	N	N	100	100
H470450R	.20	.50	.50	.050	10	N	N	N	100	150

TABLE 3.--- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H47, 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
H470010R	N	N	N	<5	10	20	N	5	N	10	10
H470020R	N	N	N	5	15	30	N	15	N	20	20
H470030R	N	N	N	10	20	100	N	20	N	20	50
H470040R	N	N	N	15	20	70	N	15	N	20	20
H470050R	N	N	N	10	20	50	N	15	N	30	20
H470060R	N	N	N	7	10	20	N	15	N	30	15
H470070R	1.0	N	N	10	50	700	N	100	N	50	100
H470080R	N	N	N	15	50	50	N	70	N	50	50
H470090R	N	N	N	10	20	50	N	15	N	30	50
H470100R	N	N	N	N	20	15	N	15	N	10	20
H470110R	<1.0	N	N	10	50	70	N	10	N	20	100
H470120R	<1.0	N	150	10	50	70	N	15	N	30	70
H470130R	N	N	N	5	10	20	N	15	N	20	20
H470140R	1.0	N	N	20	100	70	N	15	<20	100	50
H470150R	<1.0	N	N	5	30	30	N	15	N	20	20
H470160R	<1.0	N	N	15	50	50	N	20	N	30	50
H470170R	1.0	N	N	5	20	20	N	10	N	10	15
H470180R	N	N	N	5	20	20	N	15	N	15	20
H470190R	1.0	N	N	20	20	50	N	20	N	30	20
H470200R	<1.0	N	N	5	15	20	N	50	N	30	20
H470210R	1.0	N	N	7	50	50	N	100	N	20	20
H470220R	<1.0	N	N	10	30	50	N	30	N	30	50
H470230R	N	N	N	<5	20	70	N	7	N	15	<10
H470240R	<1.0	N	N	<5	10	15	N	5	N	10	<10
H470250R	N	N	N	<5	10	20	N	10	N	10	15
H470260R	N	N	N	<5	15	15	N	10	N	15	15
H470270R	N	N	N	5	15	20	N	20	N	15	20
H470280R	<1.0	N	N	10	20	30	N	15	N	20	20
H470290R	<1.0	N	N	<5	15	20	N	15	N	20	20
H470300R	N	N	N	N	10	15	N	15	N	10	10
H470310R	N	N	N	<5	10	10	N	10	N	20	15
H470320R	1.0	N	N	7	20	30	N	10	N	20	15
H470330R	1.0	N	N	10	20	30	N	10	N	20	20
H470340R	1.0	N	N	10	50	30	N	20	N	30	30
H470350R	<1.0	N	N	10	20	15	N	20	N	20	10
H470360R	N	N	N	N	15	10	N	5	N	10	10
H470370R	N	N	N	<5	15	7	N	5	N	10	<10
H470380R	N	N	N	<5	20	20	N	<5	N	20	10
H470390R	N	N	N	<5	20	15	N	<5	N	20	15
H470400R	N	N	N	N	20	20	N	5	N	15	20
H470410R	N	N	N	N	20	10	N	7	N	10	<10
H470420R	N	N	N	N	20	10	N	<5	N	15	<10
H470430R	N	N	N	N	15	<5	N	<5	N	10	N
H470440R	N	N	N	N	15	5	N	5	N	15	<10
H470450R	N	N	N	N	15	5	N	10	N	15	<10

TABLE 3.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H47, 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
H470010R	N	N	N	N	50	<50	N	N	50	N	21
H470020R	N	<5	N	N	50	<50	N	<200	50	N	21
H470030R	N	<5	N	N	50	<50	N	3,000	100	N	21
H470040R	N	5	N	N	70	<50	N	N	100	N	21
H470050R	N	<5	N	N	70	<50	N	N	100	N	21
H470060R	N	N	N	N	50	<50	N	N	50	N	21
H470070R	N	<5	N	N	70	<50	N	N	100	N	21
H470080R	N	<5	N	N	100	<50	N	N	100	N	21
H470090R	N	N	N	N	100	<50	N	N	50	N	21
H470100R	N	N	N	N	30	<50	N	N	100	N	21
H470110R	N	<5	N	N	50	<50	N	N	150	N	21
H470120R	N	<5	N	N	100	<50	N	7,000	150	N	21
H470130R	N	N	N	N	50	<50	N	N	70	N	21
H470140R	N	10	N	N	200	<50	N	N	300	N	21
H470150R	N	N	N	N	70	<50	N	N	100	N	21
H470160R	N	5	N	N	100	<50	N	N	100	N	21
H470170R	N	<5	N	N	70	<50	N	N	50	N	21
H470180R	N	<5	N	N	70	<50	N	N	100	N	21
H470190R	N	<5	N	N	100	<50	N	N	50	N	20
H470200R	N	N	N	N	20	<50	N	N	30	N	20
H470210R	N	5	N	N	100	<50	N	N	200	N	20
H470220R	N	<5	N	N	50	<50	N	<200	100	N	20
H470230R	N	N	N	<100	20	<50	N	N	50	N	20
H470240R	N	N	N	N	20	<50	N	N	50	N	20
H470250R	N	N	N	N	20	<50	N	N	20	N	20
H470260R	N	N	N	N	30	<50	N	N	50	N	20
H470270R	N	N	N	N	20	<50	N	N	50	N	20
H470280R	N	5	N	100	50	<50	N	N	100	N	20
H470290R	N	N	N	N	30	<50	N	N	70	N	20
H470300R	N	N	N	N	20	<50	N	N	20	N	20
H470310R	N	N	N	N	30	<50	N	N	30	N	20
H470320R	N	<5	N	N	50	<50	N	N	50	N	20
H470330R	N	<5	N	N	50	<50	N	N	50	N	20
H470340R	N	<5	N	N	50	<50	N	N	70	N	20
H470350R	N	<5	N	N	30	<50	N	N	50	N	20
H470360R	N	N	N	N	20	<50	N	N	50	N	20
H470370R	N	N	N	N	20	<50	N	N	10	N	20
H470380R	N	<5	N	N	30	<50	N	N	30	N	20
H470390R	N	<5	N	N	20	<50	N	N	50	N	20
H470400R	N	N	N	N	20	<50	N	N	50	N	20
H470410R	N	N	N	N	30	<50	N	N	70	N	19
H470420R	N	N	N	100	20	<50	N	N	100	N	19
H470430R	N	N	N	N	15	<50	N	N	N	N	19
H470440R	N	N	N	N	30	<50	N	N	20	N	19
H470450R	N	N	N	N	30	<50	N	N	20	N	19

TABLE 3.--- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H47, 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
H470460R	.20	.20	.20	.020	10	N	N	N	100	150
H470470R	.15	.05	.05	.020	<10	N	N	N	70	100
H470480R	.15	.50	.50	.050	20	N	N	N	100	150
H470490R	.70	.20	.10	.070	20	N	N	N	100	100
H470500R	.50	.30	.30	.030	100	N	N	N	70	20
H470510R	.20	.20	.20	.020	<10	N	N	N	100	100
H470520R	.50	.20	.15	.100	<10	N	N	N	50	100
H470530R	.50	.30	.20	.050	10	N	N	N	100	100
H470540R	1.50	.10	.15	.015	10	N	N	N	50	100
H470550R	1.50	.15	.30	.100	15	N	N	N	70	150
H470560R	1.00	.15	.05	.100	10	N	N	N	70	150
H470570R	1.00	.10	.20	.150	100	N	N	N	70	150
H470580R	1.00	.15	.10	.100	10	N	N	N	70	150
H470590R	1.00	.20	.20	.100	20	N	N	N	100	200
H470600R	.05	.10	.20	.002	<10	N	N	N	70	200
H470610R	.20	.10	.15	.002	10	N	N	N	70	200
H470620R	.20	.07	.07	.020	10	N	N	N	100	200
H470630R	.20	.10	.05	.020	<10	N	N	N	50	30
H470640R	.20	.50	.20	.100	10	N	N	N	200	200
H470650R	.15	.15	.10	.030	10	N	N	N	50	50
H470660R	.50	.70	.10	.200	20	N	N	N	200	100
H470670R	.10	.07	<.05	.020	<10	N	N	N	50	70
H470680R	<.05	.05	.05	.002	<10	N	N	N	30	150
H470690R	.15	.10	.50	.010	20	N	N	N	50	100
H470700R	<.05	.10	.10	.010	<10	N	N	N	20	100
H470710R	.50	.70	.10	.200	10	N	N	N	20	100
H470720R	.05	.05	.10	.002	<10	N	N	N	50	100
H470730R	.15	.10	.10	.050	10	N	N	N	50	20
H470740R	<.05	.10	.10	<.002	<10	N	N	N	50	70
H470750R	<.05	.10	.10	.003	<10	N	N	N	70	20
H470760R	.20	.07	.10	.030	<10	N	N	N	70	100
H470770R	.50	.15	.10	.100	<10	<.5	N	N	100	200
H470780R	.50	.05	.07	.020	<10	N	N	N	70	100
H470790R	.50	.05	<.05	.050	<10	N	N	N	70	100
H470800R	.05	.07	.10	.020	<10	N	N	N	100	100
H470810R	<.05	.02	<.05	<.002	<10	N	N	N	70	20
H470820R	1.00	.30	.10	.200	10	<.5	N	N	100	150
H470830R	.50	.10	.05	.050	<10	N	N	N	70	50
H470840R	.20	.05	.05	.030	<10	N	N	N	70	30
H470850R	.70	.15	.05	.100	10	N	N	N	100	100
H470860R	.15	.03	.05	.007	<10	N	N	N	100	100
H470870R	1.00	.05	.05	.020	<10	.5	N	N	70	100
H470880R	5.00	.20	.05	.070	20	.7	N	N	100	100
H470890R	.50	.15	.10	.050	<10	N	N	N	100	50
H470900R	10.00	.50	.05	.500	50	.7	N	N	150	500

TABLE 3.--- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H47, 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
H470460R	N	N	N	N	15	5	N	5	N	15	<10
H470470R	N	N	N	N	15	<5	N	7	N	10	<10
H470480R	N	N	N	N	20	15	N	10	N	10	<10
H470490R	N	N	N	N	20	15	N	30	N	20	15
H470500R	N	N	N	N	<10	10	N	20	N	10	N
H470510R	N	N	N	N	10	7	N	10	N	10	N
H470520R	N	N	N	N	15	7	N	15	N	15	10
H470530R	N	N	N	N	10	5	N	7	N	15	<10
H470540R	N	N	N	N	10	7	N	10	N	10	10
H470550R	<1.0	N	N	N	15	15	N	10	N	15	15
H470560R	<1.0	N	N	N	20	20	N	30	N	15	20
H470570R	<1.0	N	N	N	20	20	N	20	N	15	10
H470580R	<1.0	N	N	N	20	15	N	7	N	15	70
H470590R	<1.0	N	N	N	20	20	N	20	N	15	20
H470600R	N	N	N	N	<10	7	N	<5	N	10	N
H470610R	N	N	N	N	10	7	N	5	N	10	N
H470620R	N	N	N	N	15	15	N	5	N	15	<10
H470630R	N	N	N	N	15	15	N	5	N	10	<10
H470640R	<1.0	N	N	<5	20	50	N	20	N	10	10
H470650R	N	N	N	N	15	10	N	<5	N	10	10
H470660R	1.5	N	N	N	20	15	N	5	N	15	10
H470670R	N	N	N	N	10	<5	N	N	N	10	N
H470680R	N	N	N	N	10	<5	N	N	N	10	N
H470690R	N	N	N	N	10	7	N	<5	N	10	N
H470700R	N	N	N	N	10	<5	N	<5	N	10	N
H470710R	1.0	N	N	N	15	10	N	5	N	15	N
H470720R	N	N	N	N	10	<5	N	<5	N	7	N
H470730R	N	N	N	N	15	10	N	10	N	10	<10
H470740R	N	N	N	N	15	<5	N	<5	N	10	N
H470750R	N	N	N	N	15	<5	N	<5	N	10	N
H470760R	N	N	N	7	15	20	N	50	N	15	N
H470770R	N	N	N	20	<10	70	N	300	N	70	20
H470780R	N	N	N	5	15	15	N	100	N	15	N
H470790R	N	N	N	7	10	20	N	150	N	20	10
H470800R	N	N	N	N	10	20	N	<5	N	7	N
H470810R	N	N	N	N	10	<5	N	N	N	7	N
H470820R	N	N	N	20	20	50	N	500	N	30	100
H470830R	N	N	N	<5	10	15	N	50	N	15	<10
H470840R	N	N	N	5	10	50	N	50	N	20	20
H470850R	<1.0	N	N	5	15	50	N	15	N	20	20
H470860R	N	N	N	<5	10	15	N	20	N	20	<10
H470870R	N	N	N	<5	10	20	N	20	N	20	20
H470880R	<1.0	N	N	15	20	50	N	200	N	70	100
H470890R	N	N	N	5	15	10	N	150	N	20	10
H470900R	1.0	N	N	30	50	100	N	300	<20	100	150

TABLE 3.--- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H47, 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
H470460R	N	N	N	N	20	<50	N	N	30	N	19
H470470R	N	N	N	N	20	<50	N	N	20	N	19
H470480R	N	N	N	<100	30	<50	N	N	20	N	19
H470490R	N	N	N	N	50	<50	N	N	20	N	19
H470500R	N	N	N	N	10	<50	N	N	N	N	19
H470510R	N	N	N	N	15	<50	N	N	15	N	19
H470520R	N	N	N	N	50	<50	N	N	30	N	19
H470530R	N	N	N	N	20	<50	N	N	30	N	19
H470540R	N	N	N	N	15	<50	N	500	70	N	19
H470550R	N	N	N	N	30	<50	N	N	70	N	19
H470560R	N	N	N	N	30	<50	N	N	50	N	19
H470570R	N	N	N	150	30	<50	N	N	70	N	19
H470580R	N	N	N	N	20	<50	N	N	20	N	18
H470590R	N	N	N	N	50	<50	N	N	20	N	18
H470600R	N	N	N	N	10	<50	N	N	N	N	18
H470610R	N	N	N	N	10	<50	N	N	100	N	18
H470620R	N	N	N	N	10	<50	N	N	N	N	18
H470630R	N	N	N	N	10	<50	N	N	N	N	18
H470640R	N	<5	N	N	100	<50	N	N	100	N	18
H470650R	N	<5	N	N	30	<50	N	N	15	N	18
H470660R	N	<5	N	N	70	<50	N	N	50	N	18
H470670R	N	N	N	N	20	<50	N	N	N	N	18
H470680R	N	N	N	N	15	<50	N	N	N	N	18
H470690R	N	N	N	N	15	<50	N	N	70	N	18
H470700R	N	N	N	N	15	<50	N	N	N	N	18
H470710R	N	<5	N	N	50	<50	N	N	70	N	18
H470720R	N	N	N	N	10	<50	N	N	N	N	18
H470730R	N	N	N	N	30	<50	N	N	<10	N	18
H470740R	N	N	N	N	10	<50	N	N	N	N	18
H470750R	N	N	N	N	15	<50	N	N	N	N	18
H470760R	N	N	N	N	100	<50	N	N	N	N	18
H470770R	N	N	N	N	700	<50	N	N	20	N	18
H470780R	N	N	N	N	30	<50	N	N	N	N	18
H470790R	N	N	N	N	30	<50	N	N	N	N	18
H470800R	N	N	N	N	50	<50	N	N	N	N	18
H470810R	N	N	N	N	<10	<50	N	N	N	N	18
H470820R	N	<5	N	N	150	<50	N	N	50	N	18
H470830R	N	N	N	N	20	<50	N	N	10	N	18
H470840R	N	N	N	N	50	<50	N	<200	N	N	18
H470850R	N	N	N	N	70	<50	N	N	20	N	18
H470860R	N	N	N	N	20	<50	N	N	N	N	18
H470870R	N	N	N	N	20	<50	N	N	N	N	18
H470880R	N	N	N	N	50	<50	N	N	30	N	18
H470890R	N	N	N	N	30	<50	N	N	50	N	18
H470900R	N	5	N	N	100	<50	N	N	200	N	18

TABLE 3.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H47, 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
H470910R	1.50	.50	.10	.200	15	<.5	N	N	150	200
H470920R	.05	.07	.10	.003	<10	N	N	N	100	<20
H470940R	20.00	1.00	.10	.500	50	3.0	300	N	200	200
H470950R	<.05	<.02	<.05	.002	<10	N	N	N	10	<20
H470960R	.05	<.02	<.05	.005	<10	N	N	N	10	N
H470970R	.05	<.02	<.05	.003	<10	N	N	N	10	N
H470980R	<.05	<.02	<.05	.005	<10	N	N	N	10	N
H470990R	.15	.05	<.05	.050	<10	N	N	N	10	N
H471000R	1.00	.02	<.05	.020	<10	N	N	N	10	N
H471010R	5.00	.10	<.05	.050	<10	1.0	N	N	50	100
H471030R	2.00	.10	.15	.020	<10	.7	N	N	50	30
H471040R	.30	.07	.15	.015	<10	N	N	N	70	20
H471060R	.20	.10	.15	.015	<10	N	N	N	50	20
H471070R	.20	.10	.10	.050	<10	N	N	N	100	20
H471080R	.07	.03	.15	.015	<10	N	N	N	50	<20
H471090R	.10	.02	.05	.020	<10	N	N	N	50	N
H471100R	1.00	.30	.10	.050	<10	N	N	N	150	20
H471110R	1.00	.70	<.05	.200	15	N	N	N	200	30
H471120R	20.00	.30	<.05	.100	20	1.0	N	N	150	20
H471130R	.15	.15	.15	.020	<10	N	N	N	70	<20
H471150R	.20	.05	.10	.010	<10	N	N	N	50	<20
H471160R	1.00	.70	.10	.015	15	N	N	N	150	50
H471170R	5.00	.50	.20	.100	10	.7	N	N	100	50
H471180R	5.00	1.00	.05	.200	10	N	N	N	200	50
H471230R	10.00	.70	.05	.150	20	N	N	N	200	30
H471240R	20.00	.10	.05	.020	20	2.0	700	N	100	50
H471250R	3.00	.02	.05	.003	<10	<.5	N	N	50	<20
H471260R	20.00	.20	.07	.050	30	2.0	200	N	200	<20
H471270R	1.00	<.02	<.05	.002	<10	<.5	N	N	50	<20
H471280R	2.00	.15	.05	.050	<10	<.5	N	N	100	N
H471290R	5.00	.15	.15	.010	15	<.5	700	N	30	N
H471300R	.50	.10	.10	.020	<10	N	N	N	50	<20
H471310R	.50	.05	.07	.020	<10	N	N	N	50	<20
H471320R	2.00	.20	.07	.050	10	.7	200	N	100	20
H471340R	7.00	.20	.07	.050	20	1.0	300	N	100	20
H471350R	1.50	.10	.05	.020	10	<.5	200	N	50	N
H471360R	.15	.15	.05	.050	<10	N	N	N	100	20
H471370R	.05	.20	.15	.003	<10	N	N	N	100	50
H471380R	.30	.20	.20	.050	10	N	N	N	100	50
H471390R	<.05	.03	.05	<.002	<10	N	N	N	50	20
H471400R	.50	.05	.07	.005	<10	N	N	N	50	20
H471410R	.15	.15	.15	.010	10	N	N	N	70	50
H471420R	.20	.20	.20	.010	<10	N	N	N	100	20
H471430R	2.00	.50	.10	.200	20	.5	<200	N	150	200
H471440R	3.00	.50	.10	.150	20	<.5	N	N	100	200

TABLE 3.--- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H47, 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
H470910R	1.0	N	N	10	20	50	N	10	N	30	50
H470920R	N	N	N	N	10	<5	N	7	N	10	N
H470940R	2.0	N	N	200	100	100	N	>2,000	<20	200	200
H470950R	N	N	N	N	<10	<5	N	<5	N	5	N
H470960R	N	N	N	N	<10	<5	N	<5	N	5	N
H470970R	N	N	N	N	<10	<5	N	<5	N	5	N
H470980R	N	N	N	N	<10	<5	N	<5	N	5	N
H470990R	N	N	N	N	<10	5	N	5	N	5	N
H471000R	N	N	N	N	<10	500	N	<5	N	5	N
H471010R	<1.0	N	N	<5	<10	70	N	20	N	20	100
H471030R	<1.0	N	N	<5	<10	50	N	5	N	20	100
H471040R	N	N	N	N	<10	10	N	<5	N	20	<10
H471060R	N	N	N	N	<10	10	N	<5	N	7	<10
H471070R	N	N	N	N	<10	10	N	7	N	10	<10
H471080R	N	N	N	N	<10	5	N	5	N	7	<10
H471090R	N	N	N	N	<10	5	N	<5	N	7	<10
H471100R	1.0	N	N	10	<10	70	N	5	N	15	30
H471110R	2.0	N	N	10	50	20	N	5	N	20	20
H471120R	1.0	N	N	15	15	100	N	<5	N	30	500
H471130R	N	N	N	N	10	15	N	N	N	10	10
H471150R	N	N	N	N	10	10	N	N	N	10	20
H471160R	1.5	N	N	<5	20	15	N	5	N	20	30
H471170R	1.0	N	N	10	15	100	N	20	N	20	100
H471180R	1.5	N	N	15	50	100	N	20	N	50	70
H471230R	2.0	N	N	10	50	100	N	15	N	30	150
H471240R	N	N	N	30	N	150	N	50	N	150	200
H471250R	N	N	N	5	N	20	N	15	N	20	30
H471260R	1.0	N	N	15	10	100	N	50	N	30	200
H471270R	N	N	N	N	N	10	N	<5	N	7	<10
H471280R	N	N	N	10	10	20	N	10	N	20	20
H471290R	N	N	N	10	20	700	N	30	N	20	20
H471300R	<1.0	N	N	N	N	15	N	<5	N	10	N
H471310R	N	N	N	5	10	15	N	7	N	10	10
H471320R	1.0	N	N	10	20	50	N	5	N	100	100
H471340R	1.0	N	N	15	15	100	N	7	N	70	150
H471350R	<1.0	N	N	10	15	20	N	<5	N	20	30
H471360R	N	N	N	<5	10	10	N	<5	N	10	10
H471370R	N	N	N	10	10	<5	N	<5	N	5	N
H471380R	N	N	N	5	10	10	N	5	N	10	N
H471390R	N	N	N	N	<10	<5	N	<5	N	5	N
H471400R	N	N	N	N	<10	7	N	N	N	7	N
H471410R	N	N	N	N	10	5	N	N	N	10	N
H471420R	N	N	N	N	10	5	N	5	N	10	N
H471430R	1.0	N	N	15	20	70	N	30	<20	50	150
H471440R	1.0	N	N	15	20	70	N	30	<20	30	70

TABLE 3.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H47, 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
H470910R	N	<5	N	N	100	<50	N	N	50	N	18
H470920R	N	<5	N	N	10	<50	N	N	N	N	18
H470940R	N	10	N	N	150	<50	10	N	150	N	18
H470950R	N	N	N	N	10	<50	N	N	<10	N	17
H470960R	N	N	N	N	10	<50	N	N	10	N	17
H470970R	N	N	N	N	10	<50	N	N	10	N	17
H470980R	N	N	N	N	10	<50	N	N	20	N	17
H470990R	N	N	N	N	10	<50	N	N	50	N	17
H471000R	N	N	N	N	10	<50	N	N	N	N	16
H471010R	N	N	N	N	20	<50	N	N	50	N	16
H471030R	N	N	N	N	15	<50	N	N	N	N	16
H471040R	N	N	N	N	10	<50	N	N	N	N	16
H471060R	N	N	N	N	<10	<50	N	N	N	N	16
H471070R	N	N	N	N	20	<50	N	N	50	N	16
H471080R	N	N	N	N	<10	<50	N	N	N	N	16
H471090R	N	N	N	N	<10	<50	N	N	N	N	16
H471100R	N	N	N	N	20	<50	N	N	30	N	16
H471110R	N	5	N	N	50	<50	N	N	50	N	16
H471120R	N	N	N	N	30	<50	N	N	20	N	16
H471130R	N	N	N	N	15	<50	N	N	N	N	16
H471150R	N	N	N	N	<10	<50	N	N	N	N	16
H471160R	N	<5	N	N	30	<50	N	N	50	N	16
H471170R	N	N	N	N	30	<50	N	N	50	N	16
H471180R	N	7	N	N	100	<50	N	N	50	N	16
H471230R	N	5	N	N	100	<50	N	N	50	N	16
H471240R	N	<5	N	N	20	<50	N	N	N	N	16
H471250R	N	N	N	N	10	<50	N	N	N	N	16
H471260R	N	N	N	N	20	<50	N	N	N	N	16
H471270R	N	N	N	N	15	<50	N	N	N	N	16
H471280R	N	N	N	N	50	<50	N	N	20	N	15
H471290R	N	N	N	N	50	<50	N	N	N	N	15
H471300R	N	N	N	N	10	<50	N	N	20	N	15
H471310R	N	N	N	N	<10	<50	N	N	15	N	15
H471320R	N	N	N	N	15	<50	N	N	15	N	15
H471340R	N	N	N	N	20	<50	N	N	20	N	15
H471350R	N	N	N	N	15	<50	N	N	10	N	15
H471360R	N	N	N	N	20	<50	N	N	10	N	15
H471370R	N	N	N	N	10	<50	N	N	<10	N	15
H471380R	N	N	N	N	15	<50	N	N	20	N	15
H471390R	N	N	N	N	<10	<50	N	N	<10	N	15
H471400R	N	N	N	N	10	<50	N	N	200	N	15
H471410R	N	N	N	N	10	<50	N	N	10	N	15
H471420R	N	N	N	N	10	<50	N	N	N	N	15
H471430R	N	5	N	N	50	<50	10	N	200	N	14
H471440R	N	5	N	N	30	<50	10	N	300	N	14

TABLE 3.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H47, 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	B-ppm S	Pb-ppm S
H471450R	3.00	.50	.15	.300	20	N	N	N	100	300
H471460R	2.00	.70	.10	.200	30	N	N	N	150	300
H471470R	1.50	.50	.10	.200	15	N	N	N	100	300
H471480R	2.00	1.00	.30	.200	20	N	N	N	150	200
H471490R	1.50	.50	.20	.200	20	N	N	N	150	200
H471500R	1.50	1.00	.30	.200	30	N	N	N	150	200
H471510R	1.50	1.00	.20	.300	30	N	N	N	150	300
H471520R	1.00	.70	.30	.300	20	N	N	N	200	200

TABLE 3.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H47, 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
H471450R	1.0	N	N	15	50	70	N	30	<20	50	70
H471460R	1.0	N	N	15	50	50	50	15	N	15	50
H471470R	1.0	N	N	10	20	20	50	<5	N	10	20
H471480R	1.0	N	N	5	50	50	N	5	N	20	70
H471490R	2.0	N	N	10	50	20	50	<5	N	10	20
H471500R	1.5	N	N	<5	50	20	50	<5	<20	15	30
H471510R	2.0	N	N	7	50	30	70	<5	<20	20	20
H471520R	2.0	N	N	7	50	20	50	<5	<20	15	15

TABLE 3.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H47, 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
H471450R	N	5	N	N	50	<50	15	N	300	N	14
H471460R	N	5	N	<100	30	<50	15	<200	100	N	14
H471470R	N	5	N	<100	50	<50	10	N	150	N	14
H471480R	N	5	N	N	30	<50	10	N	100	N	13
H471490R	N	5	N	N	50	<50	15	N	150	N	13
H471500R	N	5	N	N	50	<50	15	N	200	N	13
H471510R	N	7	N	<100	50	<50	20	N	200	N	13
H471520R	N	5	N	<100	30	<50	15	N	200	N	13

TABLE 4.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H48, 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	Ba-ppm S
H480925R	.15	.07	.07	.010	20	N	N	N	50	100
H480935R	.07	.03	.07	.002	10	N	N	N	50	200
H480945R	.10	.05	.05	.002	15	N	N	N	70	150
H480955R	.07	.05	.05	.003	10	N	N	N	50	100
H480965R	.10	.05	.05	.015	15	N	N	N	70	100
H480975R	.10	.05	.05	.003	10	N	N	N	50	100
H480985R	.20	.10	.05	.015	10	N	N	N	70	50
H480995R	.07	.07	.10	.015	10	N	N	N	70	150
H481005R	.05	.03	.07	<.002	10	N	N	N	70	100
H481015R	.05	.03	.05	.007	10	N	N	N	50	100
H481025R	.05	.02	<.05	.002	<10	N	N	N	50	50
H481035R	.05	.05	.05	.002	10	N	N	N	70	100
H481045R	.05	.02	.05	.003	<10	N	N	N	50	50
H481055R	.20	.02	<.05	.003	15	N	N	N	50	70
H481065R	.30	.02	.05	.010	20	N	N	N	50	100
H481075R	.20	.03	<.05	.005	10	N	N	N	50	50
H481085R	.20	.03	.05	.003	10	N	N	N	50	100
H481095R	.20	.02	<.05	.015	15	N	N	N	50	50
H481105R	.50	.03	.05	.010	15	N	N	N	50	100
H481115R	.20	.02	<.05	.020	20	N	N	N	70	100
H481125R	.20	.05	.05	.005	15	N	N	N	70	100
H481135R	.10	.03	.05	.002	10	N	N	N	50	100
H481145R	.20	.05	<.05	.005	15	N	N	N	50	50
H481155R	1.00	.20	.05	.050	30	N	N	N	70	100
H481165R	1.00	.20	.10	.050	30	N	N	N	50	100
H481175R	.70	.07	.05	.015	20	N	N	N	70	200
H481185R	.10	.03	.07	.010	15	N	N	N	30	150
H481195R	<.05	.02	.05	.005	<10	N	N	N	30	100
H481205R	<.05	<.02	<.05	.005	<10	N	N	N	20	N
H481215R	<.05	<.02	<.05	.005	<10	N	N	N	10	20
H481225R	<.05	<.02	<.05	.005	<10	N	N	N	10	20
H481235R	.05	.02	<.05	.005	<10	N	N	N	10	50
H481245R	.10	<.02	<.05	.005	<10	N	N	N	10	70
H481255R	.15	<.02	<.05	.010	10	N	N	N	10	<20
H481265R	.30	.10	.15	.030	10	N	N	N	10	20
H481275R	.15	.03	<.05	.020	<10	N	N	N	10	30
H481285R	.20	.03	.15	.020	10	N	N	N	50	100
H481295R	.50	.05	.15	.020	15	N	N	N	50	50
H481305R	.15	.05	.15	.015	10	N	N	N	50	150
H481315R	.20	.07	.15	.010	10	N	N	N	50	N
H481325R	2.00	.70	.05	.150	20	N	N	N	300	70
H481335R	2.00	.50	.07	.150	70	<.5	N	N	200	70
H481345R	2.00	.20	.05	.100	50	N	N	N	100	70
H481355R	2.00	1.00	.07	.500	20	<.5	N	N	500	100
H481365R	7.00	1.00	.10	.500	100	1.0	N	N	700	150

TABLE 4.--- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H48, 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
H480925R	1.0	N	N	N	100	7	N	10	N	5	N
H480935R	N	N	N	N	10	15	N	<5	N	5	N
H480945R	N	N	N	N	10	<5	N	N	N	5	N
H480955R	N	N	N	N	10	15	N	N	N	5	N
H480965R	N	N	N	N	20	10	N	N	N	5	N
H480975R	N	N	N	N	10	<5	N	N	N	7	N
H480985R	<1.0	N	N	N	15	5	N	N	N	7	N
H480995R	<1.0	N	N	N	15	70	N	N	N	7	N
H481005R	N	N	N	N	<10	15	N	<5	N	7	N
H481015R	N	N	N	N	10	<5	N	N	N	5	N
H481025R	N	N	N	N	<10	<5	N	N	N	5	N
H481035R	N	N	N	N	10	<5	N	<5	N	7	N
H481045R	N	N	N	N	<10	20	N	<5	N	5	N
H481055R	N	N	N	N	20	100	N	5	N	7	N
H481065R	N	N	N	N	20	150	N	<5	N	7	N
H481075R	N	N	N	N	15	10	N	5	N	7	N
H481085R	N	N	N	N	10	70	N	N	N	7	N
H481095R	N	N	N	N	20	70	N	7	N	7	N
H481105R	N	N	N	N	50	15	N	10	N	7	N
H481115R	N	N	N	N	50	10	N	7	N	7	N
H481125R	N	N	N	N	15	20	N	7	N	7	N
H481135R	N	N	N	N	10	<5	N	10	N	7	N
H481145R	N	N	N	N	10	<5	N	10	N	7	N
H481155R	N	N	N	N	20	100	N	10	N	10	N
H481165R	N	N	N	N	150	15	N	15	N	10	N
H481175R	N	N	N	N	50	150	N	7	N	10	N
H481185R	N	N	N	N	15	5	N	<5	N	5	N
H481195R	N	N	N	N	10	5	N	<5	N	7	N
H481205R	N	N	N	N	10	<5	N	N	N	5	N
H481215R	N	N	N	N	10	<5	N	N	N	5	N
H481225R	N	N	N	N	10	<5	N	N	N	5	N
H481235R	N	N	N	N	10	<5	N	N	N	5	N
H481245R	N	N	N	N	10	20	N	N	N	7	N
H481255R	N	N	N	N	10	100	N	N	N	5	N
H481265R	<1.0	N	N	N	10	150	N	N	N	10	N
H481275R	N	N	N	N	10	10	N	N	N	5	N
H481285R	N	N	N	N	20	50	N	5	N	7	N
H481295R	N	N	N	N	<10	10	N	7	N	10	N
H481305R	N	N	N	N	<10	7	N	<5	N	10	N
H481315R	N	N	N	N	<10	10	N	<5	N	7	N
H481325R	2.0	N	N	7	50	100	N	20	N	20	50
H481335R	1.5	N	N	5	200	50	N	70	N	20	30
H481345R	1.0	N	N	<5	30	50	N	15	N	15	<10
H481355R	2.0	N	N	7	100	70	N	5	N	20	20
H481365R	2.0	N	N	10	500	50	N	20	N	30	50

TABLE 4.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H48, 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
H480925R	N	N	N	N	10	<50	N	N	N	N	18
H480935R	N	N	N	N	<10	<50	N	N	N	N	18
H480945R	N	N	N	N	20	<50	N	N	N	N	18
H480955R	N	N	N	N	20	<50	N	N	N	N	18
H480965R	N	N	N	N	10	<50	N	N	N	N	18
H480975R	N	N	N	N	15	<50	N	N	N	N	18
H480985R	N	N	N	N	20	<50	N	N	N	N	18
H480995R	N	N	N	N	15	<50	N	N	N	N	18
H481005R	N	N	N	N	10	<50	N	N	N	N	18
H481015R	N	N	N	N	10	<50	N	N	N	N	18
H481025R	N	N	N	N	10	<50	N	N	N	N	18
H481035R	N	N	N	N	<10	<50	N	N	N	N	18
H481045R	N	N	N	N	10	<50	N	N	N	N	18
H481055R	N	N	N	N	10	<50	N	N	N	N	18
H481065R	N	N	N	N	10	<50	N	N	N	N	18
H481075R	N	N	N	N	15	<50	N	N	N	N	18
H481085R	N	N	N	N	15	<50	N	N	N	N	18
H481095R	N	N	N	N	10	<50	N	N	N	N	18
H481105R	N	N	N	N	15	100	N	N	N	N	18
H481115R	N	N	N	N	20	N	N	N	N	N	18
H481125R	N	N	N	N	20	N	N	N	N	N	18
H481135R	N	N	N	N	15	N	N	N	N	N	18
H481145R	N	N	N	N	20	N	N	N	N	N	18
H481155R	N	N	N	N	20	N	N	N	15	N	18
H481165R	N	N	N	N	20	N	N	N	70	N	18
H481175R	N	N	N	N	15	N	N	N	N	N	18
H481185R	N	N	N	N	10	N	N	N	N	N	18
H481195R	N	N	N	N	<10	N	N	N	20	N	18
H481205R	N	N	N	N	<10	N	N	N	30	N	17
H481215R	N	N	N	N	<10	N	N	N	N	N	17
H481225R	N	N	N	N	<10	N	N	N	N	N	17
H481235R	N	N	N	N	<10	N	N	N	100	N	17
H481245R	N	N	N	N	<10	N	N	N	10	N	16
H481255R	N	N	N	N	<10	N	N	N	50	N	16
H481265R	N	N	N	N	10	N	N	N	30	N	16
H481275R	N	N	N	N	10	N	N	N	20	N	16
H481285R	N	N	N	N	10	<50	N	N	10	N	16
H481295R	N	N	N	N	15	<50	N	N	20	N	16
H481305R	N	N	N	N	15	<50	N	N	<10	N	16
H481315R	N	5	N	N	10	<50	N	N	N	N	16
H481325R	N	<5	N	N	100	<50	N	N	70	N	16
H481335R	N	N	N	N	70	<50	N	N	50	N	16
H481345R	N	7	N	N	50	<50	N	N	20	N	16
H481355R	N	7	N	N	300	<50	N	N	100	N	16
H481365R	N	7	N	N	500	<50	N	200	100	N	16

TABLE 4.--- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H48, 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-dpm S	Ra-dpm S
H481375R	5.00	1.00	.10	.300	50	.7	N	N	700	100
H481385R	10.00	.50	.05	.100	100	1.5	N	N	200	50
H481395R	7.00	2.00	.10	.500	50	1.0	N	N	500	100
H481415R	10.00	1.50	.10	.500	100	1.5	N	N	500	150
H481435R	15.00	1.00	.10	.200	100	2.0	700	N	700	100
H481455R	10.00	.50	.30	.100	100	2.0	700	N	150	50
H481475R	7.00	.70	.30	.100	20	.5	N	N	150	70
H481485R	5.00	.50	.20	.070	20	<.5	N	N	100	50
H481495R	10.00	.50	.15	.150	30	.5	N	N	150	50
H481505R	7.00	.15	.10	.050	50	<.5	<200	N	50	30
H481515R	3.00	.15	.15	.030	15	N	<200	N	50	50
H481525R	5.00	.20	.50	.020	20	N	N	N	50	30
H481535R	2.00	.15	.15	.010	15	N	N	N	50	20
H481545R	1.50	.15	.10	.007	<10	N	N	N	50	<20
H481555R	3.00	.10	.15	.010	15	N	N	N	50	20
H481565R	5.00	.15	.10	.020	30	N	<200	N	70	20
H481575R	3.00	.10	.05	.030	15	N	N	N	50	20
H481585R	2.00	.15	.05	.100	20	N	N	N	50	70
H481595R	3.00	.15	.05	.100	20	N	N	N	50	150
H481605R	5.00	.20	<.05	.200	20	N	N	N	70	200
H481615R	7.00	.50	.05	.200	20	N	N	N	70	500
H481625R	10.00	.50	.05	.200	100	N	N	N	100	300
H481635R	7.00	.50	.05	.200	20	N	N	N	100	500
H481645R	7.00	1.00	.50	.500	30	N	N	N	100	500
H481655R	5.00	1.00	.50	.500	30	N	N	N	100	500
H481660R	7.00	1.00	.07	.500	20	N	N	N	100	500

TABLE 4.--- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H48, 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
H481375R	2.0	N	N	10	150	100	N	15	N	30	30
H481385R	1.0	N	N	10	200	100	N	70	N	50	150
H481395R	2.0	N	N	15	200	100	N	100	N	50	50
H481415R	2.0	N	N	10	150	100	N	70	N	30	100
H481435R	2.0	N	N	15	70	150	N	200	N	50	100
H481455R	<1.0	N	N	10	20	200	N	50	N	50	100
H481475R	<1.0	N	N	10	50	100	N	150	N	50	50
H481485R	<1.0	N	N	7	50	100	N	30	N	30	N
H481495R	1.0	N	N	10	20	50	N	50	N	30	30
H481505R	<1.0	N	N	10	70	50	N	30	N	50	30
H481515R	N	N	N	10	15	50	N	20	N	30	20
H481525R	<1.0	N	N	10	10	100	N	20	N	50	30
H481535R	N	N	N	5	70	20	N	15	N	20	<10
H481545R	<1.0	N	N	<5	<10	20	N	10	N	15	N
H481555R	<1.0	N	N	5	<10	50	N	10	N	30	20
H481565R	N	N	N	10	10	70	N	20	N	30	50
H481575R	<1.0	N	N	<5	150	20	N	50	N	20	30
H481585R	<1.0	N	N	5	20	15	N	30	N	20	30
H481595R	1.0	N	N	5	20	20	N	20	N	20	50
H481605R	1.0	N	N	5	20	20	N	10	N	30	100
H481615R	1.5	N	N	15	30	30	N	N	N	20	70
H481625R	2.0	N	N	20	500	20	N	20	N	20	200
H481635R	2.0	N	N	20	70	20	N	<5	N	30	70
H481645R	1.5	N	N	15	200	30	50	5	N	30	50
H481655R	1.0	N	N	10	50	50	50	<5	N	30	50
H481660R	1.0	N	N	10	50	50	50	<5	N	20	30

TABLE 4.--- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H48, 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
H481375R	N	5	N	N	300	<50	N	N	100	N	16
H481385R	N	10	N	N	100	50	N	N	30	N	16
H481395R	N	5	N	N	300	N	10	N	100	N	16
H481415R	N	5	N	N	200	N	N	N	100	N	16
H481435R	N	N	N	N	200	N	N	N	100	N	16
H481455R	N	<5	N	N	30	N	N	N	20	N	16
H481475R	N	<5	N	N	70	50	N	500	50	N	16
H481485R	N	N	N	N	50	70	N	N	20	N	15
H481495R	N	<5	N	N	100	<50	N	N	50	N	15
H481505R	N	N	N	N	30	50	N	N	N	N	15
H481515R	N	N	N	N	30	<50	N	N	<10	N	15
H481525R	N	N	N	N	15	<50	N	N	N	N	15
H481535R	N	N	N	N	20	50	N	N	N	N	15
H481545R	N	N	N	N	15	<50	N	N	N	N	15
H481555R	N	N	N	N	15	70	N	N	N	N	15
H481565R	N	N	N	N	20	<50	N	N	<10	N	15
H481575R	N	N	N	N	15	70	N	N	10	N	15
H481585R	N	N	N	N	20	50	N	N	50	N	15
H481595R	N	<5	N	<100	30	<50	N	N	70	N	15
H481605R	N	5	N	N	50	50	10	N	100	N	14
H481615R	N	5	N	N	50	50	15	1,000	150	N	14
H481625R	N	5	N	<100	50	N	15	700	150	N	14
H481635R	N	5	N	<100	50	N	15	N	100	N	14
H481645R	N	5	N	N	70	N	20	N	100	N	14
H481655R	N	5	N	<100	70	N	20	N	100	N	14
H481660R	N	5	N	<100	50	<50	20	N	100	N	14

TABLE 5.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H49, 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	Ba-ppm S
H490015R	2.00	.20	<.05	.150	20	N	N	N	100	150
H490025R	2.00	.70	.20	.200	20	<.5	N	N	150	200
H490035R	5.00	.30	.10	.100	10	N	N	N	100	200
H490045R	1.50	.20	.10	.050	10	N	N	N	100	100
H490055R	.50	.15	.10	.030	15	N	N	N	100	100
H490065R	1.00	.70	.15	.150	10	N	N	N	100	150
H490075R	.50	.50	.15	.100	10	N	N	N	150	150
H490085R	.70	.50	.20	.200	10	N	N	N	150	200
H490095R	.50	.50	.20	.100	<10	N	N	N	200	200
H490105R	.30	.50	.20	.030	<10	N	N	N	150	150
H490115R	.50	.70	.70	.020	10	N	N	N	200	100
H490125R	.50	.70	.50	.050	<10	N	N	N	150	150
H490135R	.70	1.00	.50	.200	10	N	N	N	200	200
H490145R	.50	1.00	.50	.200	<10	N	N	N	150	200
H490155R	1.50	.70	.50	.100	<10	N	N	N	150	300
H490165R	.50	.70	.30	.150	10	N	N	N	150	200
H490175R	.50	.70	.50	.100	<10	N	N	N	200	300
H490185R	.50	.50	.05	.100	<10	N	N	N	150	200
H490195R	1.00	.70	.20	.200	10	N	N	N	150	200
H490205R	.70	.50	.15	.200	<10	N	N	N	100	200
H490215R	.50	.50	.20	.150	<10	N	N	N	100	200
H490225R	2.00	1.00	.50	.200	10	N	N	N	150	500
H490235R	1.50	1.00	.70	.300	15	N	N	N	100	500
H490245R	1.50	1.00	.50	.500	15	N	N	N	150	500
H490255R	5.00	.50	.50	.150	10	N	N	N	150	200
H490265R	.50	.70	.50	.200	10	N	N	N	100	200
H490275R	.50	1.00	.70	.200	15	<.5	N	N	200	300
H490285R	1.50	1.00	.50	.200	20	N	N	N	150	300
H490295R	3.00	1.00	.30	.500	20	N	N	N	150	500
H490305R	1.00	.50	.20	.150	15	N	N	N	100	500
H490315R	1.00	.70	.30	.150	15	N	N	N	100	500
H490325R	.70	1.00	.50	.150	15	N	N	N	100	300
H490335R	2.00	1.00	.50	.200	20	N	N	N	100	300
H490345R	1.50	1.00	.70	.200	20	N	N	N	150	300
H490355R	1.00	.70	.50	.150	15	N	N	N	100	300
H490365R	2.00	.50	.30	.200	20	7.0	N	N	100	300
H490375R	1.00	.50	.70	.070	10	N	N	N	100	200
H490385R	1.50	.50	.30	.200	10	N	N	N	150	200
H490395R	1.00	1.00	.50	.200	15	N	N	N	100	300
H490405R	.50	.50	.05	.050	10	N	N	N	150	300
H490415R	1.50	.70	.20	.150	10	N	N	N	100	200
H490425R	.70	1.00	.30	.050	10	N	N	N	100	100
H490435R	1.00	1.00	.50	.150	15	N	N	N	150	200
H490445R	1.50	1.00	.50	.200	10	N	N	N	150	150
H490455R	1.00	1.00	.50	.150	10	N	N	N	100	200

TABLE 5.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H49, 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
H490015R	<1.0	N	N	5	50	50	N	N	N	10	15
H490025R	1.0	N	N	N	50	20	N	<5	N	10	10
H490035R	<1.0	N	N	N	50	50	N	5	N	15	20
H490045R	1.0	N	N	N	20	10	N	5	N	10	<10
H490055R	<1.0	N	N	<5	20	15	N	<5	N	10	N
H490065R	1.0	N	N	<5	20	20	N	<5	N	15	N
H490075R	1.0	N	N	N	50	10	N	<5	N	10	N
H490085R	1.0	N	N	N	20	15	N	<5	N	15	N
H490095R	1.0	N	N	N	10	15	N	5	N	15	N
H490105R	<1.0	N	N	N	10	10	N	<5	N	10	N
H490115R	<1.0	N	N	N	10	15	N	<5	N	10	N
H490125R	<1.0	N	N	<5	50	10	N	5	N	10	15
H490135R	1.0	N	N	7	50	20	N	5	N	15	10
H490145R	<1.0	N	N	N	30	20	N	<5	N	15	10
H490155R	<1.0	N	N	5	30	20	N	<5	N	10	<10
H490165R	<1.0	N	N	N	20	15	N	15	N	15	<10
H490175R	<1.0	N	N	N	20	10	N	<5	N	10	10
H490185R	<1.0	N	N	<5	50	15	N	<5	N	10	10
H490195R	<1.0	N	N	N	30	20	N	N	N	10	10
H490205R	<1.0	N	N	N	50	15	N	<5	N	10	<10
H490215R	<1.0	N	N	N	50	15	N	<5	N	10	<10
H490225R	<1.0	N	N	<5	50	30	N	10	N	15	15
H490235R	<1.0	N	N	5	70	20	N	5	N	15	15
H490245R	1.0	N	N	10	100	50	N	10	N	50	30
H490255R	1.0	N	N	<5	50	100	N	10	N	30	30
H490265R	N	N	N	N	30	20	N	<5	N	7	10
H490275R	<1.0	N	N	<5	50	20	N	<5	N	10	10
H490285R	1.0	N	N	10	70	150	N	20	N	50	50
H490295R	1.0	N	N	15	100	100	N	30	N	50	70
H490305R	<1.0	N	N	N	20	70	N	10	N	10	50
H490315R	N	N	N	<5	20	30	N	10	N	10	10
H490325R	<1.0	N	N	5	20	20	N	15	N	15	20
H490335R	<1.0	N	N	5	30	50	N	10	N	20	70
H490345R	<1.0	N	N	5	50	50	N	50	N	20	10
H490355R	<1.0	N	N	5	50	50	N	20	N	15	15
H490365R	1.0	N	N	10	50	50	N	30	N	30	20
H490375R	<1.0	N	N	7	20	20	N	15	N	20	15
H490385R	1.0	N	N	5	30	50	N	30	N	20	20
H490395R	<1.0	N	N	5	50	50	N	50	N	20	15
H490405R	N	N	N	<5	20	20	N	10	N	10	<10
H490415R	<1.0	N	N	<5	20	50	N	20	N	10	20
H490425R	<1.0	N	N	<5	15	15	N	15	N	10	10
H490435R	1.0	N	N	N	20	50	N	15	N	10	10
H490445R	1.0	N	N	<5	20	50	N	20	N	15	10
H490455R	<1.0	N	N	<5	20	30	N	20	N	10	10

TABLE 5.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H49, 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
H490015R	N	N	N	N	20	<50	N	N	50	N	39
H490025R	N	<5	N	N	50	<50	N	N	100	N	39
H490035R	N	N	N	<100	20	<50	N	N	70	N	39
H490045R	N	N	N	<100	20	<50	N	N	30	N	39
H490055R	N	N	N	N	15	<50	N	N	20	N	39
H490065R	N	N	N	<100	30	<50	N	N	100	N	39
H490075R	N	N	N	N	20	<50	N	N	50	N	39
H490085R	N	N	N	N	30	<50	N	N	100	N	39
H490095R	N	<5	N	N	20	<50	N	N	50	N	39
H490105R	N	N	N	N	10	<50	N	N	100	N	39
H490115R	N	N	N	N	10	<50	N	N	10	N	39
H490125R	N	N	N	N	15	<50	N	N	20	N	39
H490135R	N	N	N	N	50	<50	N	N	100	N	39
H490145R	N	N	N	N	50	<50	N	N	100	N	39
H490155R	N	N	N	N	20	<50	N	N	150	N	39
H490165R	N	N	N	N	30	<50	N	N	100	N	39
H490175R	N	N	N	N	20	<50	N	N	100	N	39
H490185R	N	N	N	N	15	<50	N	N	50	N	39
H490195R	N	<5	N	N	50	<50	N	N	100	N	39
H490205R	N	<5	N	N	50	<50	N	N	100	N	39
H490215R	N	<5	N	N	30	<50	N	N	100	N	39
H490225R	N	<5	N	N	50	<50	N	N	150	N	39
H490235R	N	<5	N	N	70	<50	N	N	150	N	39
H490245R	N	5	N	N	50	<50	N	N	300	N	39
H490255R	N	<5	N	N	50	<50	N	N	100	N	39
H490265R	N	N	N	N	30	<50	N	N	500	N	39
H490275R	N	<5	N	N	50	<50	N	N	300	N	39
H490285R	N	5	N	N	70	<50	N	N	100	N	39
H490295R	N	5	N	N	100	<50	N	N	150	N	39
H490305R	N	<5	N	N	50	<50	N	N	200	N	39
H490315R	N	N	N	N	20	<50	N	N	200	N	39
H490325R	N	N	N	N	30	<50	N	N	200	N	39
H490335R	N	N	N	N	30	<50	N	N	150	N	39
H490345R	N	<5	N	N	50	<50	N	N	200	N	39
H490355R	N	N	N	N	30	<50	N	N	100	N	39
H490365R	N	<5	N	N	50	<50	N	N	150	N	39
H490375R	N	N	N	N	20	<50	N	N	70	N	39
H490385R	N	<5	N	N	50	<50	N	N	70	N	39
H490395R	N	N	N	N	50	<50	N	N	150	N	39
H490405R	N	N	N	N	15	<50	N	N	100	N	39
H490415R	N	N	N	N	30	<50	N	N	100	N	39
H490425R	N	N	N	N	15	<50	N	N	50	N	39
H490435R	N	N	N	N	20	<50	N	N	70	N	39
H490445R	N	<5	N	N	30	<50	N	N	100	N	39
H490455R	N	N	N	N	20	<50	N	N	100	N	39

TABLE 5.--- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H49, 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	B-ppm S	Ba-ppm S
H490465R	.50	1.00	.20	.100	<10	N	N	N	70	200
H490475R	.20	.70	1.00	.100	10	N	N	N	150	150
H490485R	.20	.50	.50	.150	10	N	N	N	150	200
H490495R	1.00	.70	.70	.100	10	N	N	N	150	200
H490505R	.50	.10	.15	.050	10	N	N	N	150	200
H490515R	.50	.50	.30	.070	10	N	N	N	200	200
H490525R	.70	.70	.20	.100	10	N	N	N	200	300
H490535R	2.00	.70	.20	.100	15	N	N	N	200	200
H490545R	.70	.70	.20	.150	10	N	N	N	200	200
H490555R	2.00	1.00	.70	.200	20	N	N	N	200	200
H490565R	1.00	1.00	1.00	.150	20	N	N	N	150	200
H490575R	1.00	.70	.70	.150	15	N	N	N	200	300
H490585R	.50	.50	.30	.100	10	N	N	N	150	200
H490595R	1.00	.20	.15	.100	10	N	N	N	100	200
H490605R	.10	.20	.10	.100	10	N	N	N	100	150
H490615R	.05	.10	.07	.050	10	N	N	N	100	150
H490625R	.15	.10	.05	.070	10	N	N	N	100	150
H490635R	.10	.10	<.05	.030	<10	N	N	N	30	150
H490645R	.07	.10	.10	.030	<10	N	N	N	100	100
H490655R	.05	.05	.05	.020	<10	N	N	N	30	100
H490665R	.07	.05	<.05	.015	<10	N	N	N	15	100
H490675R	.05	.05	.05	.005	<10	N	N	N	15	70
H490685R	<.05	.10	.07	.020	<10	N	N	N	50	150
H490695R	<.05	.10	.05	.015	<10	N	N	N	15	100
H490705R	.05	.05	.05	.020	<10	N	N	N	50	70
H490715R	<.05	.15	.05	.020	<10	N	N	N	50	70
H490725R	.10	.50	.20	.070	<10	N	N	N	50	150
H490735R	.07	.07	<.05	.015	<10	N	N	N	10	70
H490745R	.10	.02	<.05	.015	50	N	N	N	10	100
H490755R	<.05	.05	<.05	.010	<10	N	N	N	10	150
H490765R	.10	.02	<.05	.010	<10	N	N	N	20	100
H490775R	.70	.20	.05	.100	<10	N	N	N	30	100
H490785R	.15	.10	.10	.010	<10	N	N	N	50	100
H490795R	.15	.10	.07	.010	<10	N	N	N	50	100
H490805R	.10	.05	.07	.010	10	N	N	N	50	150
H490815R	1.50	.50	.20	.200	<10	<.5	N	N	100	200
H490825R	.10	.02	<.05	.005	<10	N	N	N	<10	200
H490835R	.10	.02	<.05	.005	<10	N	N	N	<10	50
H490845R	.50	.07	<.05	.030	<10	N	N	N	<10	50
H490855R	.07	.50	.20	<.002	<10	N	N	N	50	200
H490865R	.50	.20	.05	.050	15	N	N	N	50	50
H490875R	.10	.10	.07	.015	<10	N	N	N	50	70
H490885R	.07	.10	.05	.005	<10	N	N	N	30	100
H490895R	2.00	.70	.10	.200	20	1.0	N	N	100	100
H490905R	2.00	.50	.15	.100	15	.5	N	N	50	100

TABLE 5.--- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H49, 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
H490465R	N	N	N	N	10	30	N	7	N	7	<10
H490475R	<1.0	N	N	N	30	70	N	7	N	15	N
H490485R	<1.0	N	N	N	30	15	N	5	N	15	N
H490495R	<1.0	N	N	N	30	30	N	10	N	15	15
H490505R	<1.0	N	N	N	20	15	N	<5	N	15	N
H490515R	<1.0	N	N	N	20	15	N	5	N	10	<10
H490525R	<1.0	N	N	N	20	30	N	<5	N	10	15
H490535R	1.0	N	N	<5	20	70	N	5	N	15	20
H490545R	1.0	N	N	N	20	50	N	<5	N	10	10
H490555R	1.0	N	N	5	50	70	N	20	N	20	20
H490565R	1.0	N	N	<5	30	50	N	15	N	15	20
H490575R	1.0	N	N	5	50	100	N	30	N	20	50
H490585R	<1.0	N	N	<5	20	50	N	10	N	10	10
H490595R	<1.0	N	N	<5	20	50	N	10	N	10	50
H490605R	N	N	N	N	15	10	N	5	N	7	N
H490615R	N	N	N	N	15	7	N	<5	N	7	N
H490625R	N	N	N	N	10	7	N	7	N	7	N
H490635R	N	N	N	N	10	<5	N	<5	N	5	N
H490645R	N	N	N	N	10	<5	N	N	N	5	N
H490655R	N	N	N	N	10	<5	N	N	N	<5	N
H490665R	N	N	N	N	10	<5	N	N	N	<5	N
H490675R	N	N	N	N	10	<5	N	N	N	<5	N
H490685R	N	N	N	N	10	<5	N	N	N	<5	N
H490695R	N	N	N	N	10	<5	N	N	N	<5	N
H490705R	N	N	N	N	<10	5	N	<5	N	<5	N
H490715R	N	N	N	N	<10	<5	N	<5	N	5	N
H490725R	N	N	N	N	<10	5	N	<5	N	5	N
H490735R	N	N	N	N	<10	7	N	<5	N	5	10
H490745R	N	N	N	N	<10	<5	N	<5	N	5	N
H490755R	N	N	N	N	<10	<5	N	<5	N	5	<10
H490765R	N	N	N	N	<10	<5	N	<5	N	5	N
H490775R	<1.0	N	N	N	<10	7	N	<5	N	10	10
H490785R	N	N	N	N	<10	<5	N	<5	N	5	<10
H490795R	N	N	N	N	<10	<5	N	<5	N	5	<10
H490805R	N	N	N	N	<10	<5	N	<5	N	5	N
H490815R	<1.0	N	N	N	20	10	N	7	N	15	50
H490825R	N	N	N	N	<10	<5	N	<5	N	5	N
H490835R	N	N	N	N	<10	<5	N	<5	N	5	N
H490845R	N	N	N	N	<10	5	N	5	N	10	N
H490855R	N	N	N	N	<10	<5	N	5	N	7	N
H490865R	N	N	N	N	<10	5	N	<5	N	10	20
H490875R	N	N	N	N	<10	5	N	<5	N	10	N
H490885R	N	N	N	N	<10	<5	N	10	N	10	N
H490895R	<1.0	N	N	10	20	20	N	7	N	20	100
H490905R	N	N	N	N	10	50	N	<5	N	15	50

TABLE 5.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H49, 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
H490465R	N	N	N	N	15	<50	N	N	30	N	39
H490475R	N	N	N	N	50	<50	N	N	30	N	39
H490485R	N	N	N	N	70	<50	N	N	70	N	39
H490495R	N	N	N	N	70	<50	N	N	50	N	39
H490505R	N	N	N	N	50	<50	N	N	50	N	39
H490515R	N	<5	N	N	50	<50	N	N	50	N	39
H490525R	N	N	N	N	30	<50	N	N	50	N	39
H490535R	N	N	N	N	50	<50	N	N	50	N	39
H490545R	N	N	N	N	70	<50	N	N	70	N	39
H490555R	N	N	N	N	100	<50	N	N	100	N	39
H490565R	N	N	N	N	70	<50	N	N	50	N	39
H490575R	N	<5	N	N	70	<50	N	N	50	N	39
H490585R	N	N	N	N	50	<50	N	N	30	N	39
H490595R	N	N	N	N	50	<50	N	N	50	N	19
H490605R	N	N	N	N	20	<50	N	N	30	N	19
H490615R	N	N	N	N	15	<50	N	N	50	N	19
H490625R	N	N	N	N	20	<50	N	N	50	N	19
H490635R	N	N	N	N	15	<50	N	N	10	N	19
H490645R	N	N	N	N	20	<50	N	N	10	N	19
H490655R	N	N	N	N	10	<50	N	N	15	N	19
H490665R	N	N	N	N	10	<50	N	N	50	N	19
H490675R	N	N	N	N	15	<50	N	N	<10	N	18
H490685R	N	N	N	N	10	<50	N	N	<10	N	18
H490695R	N	N	N	N	10	<50	N	N	50	N	18
H490705R	N	N	N	N	<10	<50	N	N	200	N	18
H490715R	N	N	N	N	10	<50	N	N	N	N	18
H490725R	N	N	N	N	50	<50	N	N	20	N	18
H490735R	N	N	N	N	20	<50	N	N	50	N	18
H490745R	N	N	N	N	10	<50	N	N	50	N	18
H490755R	N	N	N	N	15	<50	N	N	50	N	18
H490765R	N	N	N	N	10	<50	N	N	50	N	18
H490775R	N	N	N	N	30	<50	N	N	100	N	18
H490785R	N	N	N	N	15	<50	N	N	N	N	18
H490795R	N	N	N	N	15	<50	N	N	N	N	18
H490805R	N	N	N	N	<10	<50	N	N	N	N	18
H490815R	N	<5	N	N	50	<50	N	N	70	N	18
H490825R	N	N	N	N	10	<50	N	N	50	N	18
H490835R	N	N	N	N	15	<50	N	N	150	N	18
H490845R	N	N	N	N	20	<50	N	N	50	N	18
H490855R	N	N	N	N	15	<50	N	N	N	N	18
H490865R	N	N	N	N	15	<50	N	N	15	N	18
H490875R	N	N	N	N	15	<50	N	N	N	N	18
H490885R	N	N	N	N	15	<50	N	N	N	N	18
H490895R	N	<5	N	N	70	<50	N	N	50	N	18
H490905R	N	<5	N	N	50	<50	N	N	30	N	18

TABLE 5.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H49, 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
H490915R	.10	.05	.05	.005	10	N	N	N	50	100
H490925R	.20	.50	.20	.150	10	.5	N	N	70	150
H490935R	7.00	.20	.15	.005	50	N	N	N	70	50
H490945R	<.05	.05	.05	.050	<10	N	N	N	100	100
H490955R	2.00	.10	.10	.003	50	N	N	N	100	150
H490965R	5.00	.10	.20	.005	50	N	N	N	50	100
H490975R	.10	.10	.10	.010	<10	N	N	N	70	100
H490985R	.10	.07	.10	.100	<10	N	N	N	50	50
H490995R	.50	.30	.20	.100	<10	N	N	N	70	150
H491005R	.50	.50	.20	.005	<10	N	N	N	50	150
H491015R	.05	.15	.20	.020	<10	N	N	N	50	100
H491025R	.50	.07	.10	.010	<10	N	N	N	50	50
H491035R	.10	.10	.10	<.002	<10	N	N	N	50	100
H491045R	.10	.02	.05	.003	<10	N	N	N	50	200
H491055R	1.00	.05	.05	.005	<10	N	N	N	30	100
H491065R	.20	.05	.05	.100	<10	N	N	N	70	100
H491075R	.20	.20	.15	.015	<10	N	N	N	50	100
H491085R	.05	.07	.07	.010	<10	N	N	N	50	50
H491095R	.05	.05	.05	.020	<10	N	N	N	50	50
H491105R	.05	.15	.15	.050	<10	N	N	N	50	30
H491115R	.20	.30	.20	.020	<10	N	N	N	50	100
H491125R	2.00	.20	.15	.020	<10	N	N	N	70	100
H491135R	N	.05	.05	.002	<10	N	N	N	50	50
H491145R	.05	.05	<.05	.003	<10	N	N	N	50	100
H491155R	5.00	.15	.10	.010	15	N	N	N	50	30
H491165R	20.00	.50	.05	.100	50	.7	N	N	200	200
H491175R	.70	.30	.10	.100	<10	N	N	N	70	500
H491185R	3.00	.20	.07	.100	<10	<.5	N	N	70	200
H491195R	5.00	.20	.07	.200	10	<.5	N	N	100	150
H491205R	10.00	1.00	.05	.300	15	3.0	N	N	100	200
H491215R	3.00	1.00	.07	.500	15	.5	N	N	150	300
H491225R	5.00	1.00	.10	.010	20	.7	N	N	200	500
H491235R	.05	.05	.07	.015	<10	<.5	N	N	50	100
H491245R	.05	.03	.05	.020	<10	<.5	N	N	50	100
H491255R	.20	.10	.10	.020	<10	<.5	N	N	50	100
H491265R	.20	.10	.07	.020	<10	<.5	N	N	50	20
H491275R	.20	.10	.10	.015	<10	<.5	N	N	50	100
H491285R	.05	.02	<.05	.015	<10	<.5	N	N	10	50
H491295R	.10	.02	<.05	.010	<10	<.5	N	N	10	30
H491305R	.05	.02	<.05	.010	<10	<.5	N	N	15	N
H491315R	.05	.02	<.05	.005	<10	<.5	N	N	20	20
H491325R	.05	.02	<.05	.010	<10	<.5	N	N	10	20
H491335R	.10	.02	<.05	.010	<10	<.5	N	N	10	20
H491345R	.07	.03	<.05	.010	<10	<.5	N	N	10	100
H491355R	5.00	1.00	.05	.200	15	.7	N	N	500	70

TABLE 5.--- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H49, 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
H490915R	N	N	N	N	<10	<5	N	<5	N	5	N
H490925R	N	N	N	N	15	10	N	<5	N	7	N
H490935R	1.0	N	N	N	50	50	N	50	N	20	50
H490945R	N	N	N	N	<10	<5	N	<5	N	5	N
H490955R	<1.0	N	N	N	50	70	N	20	N	5	20
H490965R	<1.0	N	N	N	<10	20	N	10	N	10	30
H490975R	N	N	N	N	<10	<5	N	N	N	5	N
H490985R	N	N	N	N	<10	<5	N	<5	N	5	N
H490995R	N	N	N	N	10	7	N	<5	N	5	10
H491005R	N	N	N	N	10	15	N	<5	N	5	10
H491015R	N	N	N	N	<10	5	N	<5	N	5	N
H491025R	N	N	N	N	<10	15	N	<5	N	7	N
H491035R	N	N	N	N	<10	10	N	<5	N	7	N
H491045R	N	N	N	N	<10	7	N	N	N	5	N
H491055R	N	N	N	N	<10	5	N	5	N	5	N
H491065R	N	N	N	N	<10	5	N	<5	N	5	N
H491075R	N	N	N	N	15	10	N	5	N	7	N
H491085R	N	N	N	N	<10	<5	N	<5	N	5	N
H491095R	N	N	N	N	<10	5	N	<5	N	5	N
H491105R	N	N	N	N	<10	<5	N	<5	N	7	N
H491115R	N	N	N	N	<10	20	N	<5	N	7	N
H491125R	N	N	N	N	15	70	N	5	N	5	20
H491135R	N	N	N	N	<10	5	N	<5	N	<5	N
H491145R	N	N	N	N	<10	5	N	<5	N	<5	N
H491155R	<1.0	N	N	N	<10	50	N	20	N	20	50
H491165R	1.5	N	N	10	50	300	N	20	N	100	200
H491175R	N	N	N	<5	50	30	N	15	N	30	15
H491185R	N	N	N	5	50	50	N	10	N	20	20
H491195R	1.0	N	N	5	30	70	N	7	N	20	70
H491205R	1.0	N	N	5	70	100	N	10	N	50	100
H491215R	1.0	N	N	<5	100	50	N	15	N	20	50
H491225R	2.0	N	N	20	150	100	N	50	N	70	100
H491235R	N	N	N	<5	<10	<5	N	<5	N	15	N
H491245R	N	N	N	<5	<10	<5	N	<5	N	10	N
H491255R	N	N	N	<5	<10	7	N	<5	N	10	N
H491265R	N	N	N	<5	<10	7	N	<5	N	5	N
H491275R	N	N	N	<5	<10	5	N	<5	N	5	N
H491285R	N	N	N	<5	<10	<5	N	<5	N	5	N
H491295R	N	N	N	<5	<10	<5	N	<5	N	5	N
H491305R	N	N	N	<5	<10	5	N	<5	N	5	N
H491315R	N	N	N	<5	<10	<5	N	<5	N	5	N
H491325R	N	N	N	<5	<10	<5	N	<5	N	5	N
H491335R	N	N	N	<5	<10	<5	N	<5	N	5	N
H491345R	N	N	N	<5	<10	<5	N	<5	N	5	N
H491355R	1.5	N	N	10	100	50	N	50	N	5	50

TABLE 5.--- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H49, 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
H490915R	N	N	N	N	10	<50	N	N	N	N	18
H490925R	N	N	N	N	20	<50	N	N	50	N	18
H490935R	N	N	N	N	50	<50	N	N	20	N	18
H490945R	N	N	N	N	10	<50	N	N	N	N	18
H490955R	N	N	N	N	15	<50	N	N	15	N	18
H490965R	N	N	N	N	20	<50	N	N	N	N	18
H490975R	N	N	N	N	10	<50	N	N	N	N	18
H490985R	N	N	N	N	15	<50	N	N	N	N	18
H490995R	N	N	N	N	50	<50	N	N	10	N	18
H491005R	N	N	N	N	50	<50	N	N	20	N	18
H491015R	N	N	N	N	15	<50	N	N	N	N	18
H491025R	N	N	N	N	30	<50	N	N	N	N	18
H491035R	N	N	N	N	15	<50	N	N	N	N	18
H491045R	N	N	N	N	10	<50	N	N	N	N	18
H491055R	N	N	N	N	15	<50	N	N	N	N	18
H491065R	N	N	N	N	15	<50	N	N	N	N	18
H491075R	N	N	N	N	50	<50	N	N	N	N	18
H491085R	N	N	N	N	15	<50	N	N	N	N	18
H491095R	N	N	N	N	15	<50	N	N	N	N	18
H491105R	N	N	N	N	20	<50	N	N	N	N	18
H491115R	N	N	N	N	50	<50	N	N	N	N	18
H491125R	N	N	N	N	50	<50	N	N	N	N	18
H491135R	N	N	N	N	10	<50	N	N	N	N	18
H491145R	N	N	N	N	10	<50	N	N	N	N	18
H491155R	N	N	N	N	20	<50	N	N	N	N	18
H491165R	N	5	N	N	200	<50	N	N	70	N	18
H491175R	N	<5	N	200	50	<50	N	N	20	N	18
H491185R	N	<5	N	N	50	<50	N	N	20	N	18
H491195R	N	<5	N	N	50	<50	N	N	30	N	18
H491205R	N	5	N	N	500	<50	N	N	100	N	18
H491215R	N	5	N	N	150	<50	N	N	100	N	18
H491225R	N	7	N	N	200	<50	N	N	300	N	18
H491235R	N	N	N	N	10	<50	N	N	N	N	18
H491245R	N	N	N	N	20	<50	N	N	N	N	18
H491255R	N	N	N	N	20	<50	N	N	N	N	18
H491265R	N	N	N	N	20	<50	N	N	N	N	18
H491275R	N	N	N	N	10	<50	N	N	N	N	18
H491285R	N	N	N	N	10	<50	N	N	N	N	17
H491295R	N	N	N	N	15	70	N	N	N	N	17
H491305R	N	N	N	N	15	<50	N	N	N	N	17
H491315R	N	N	N	N	10	<50	N	N	N	N	17
H491325R	N	N	N	N	10	<50	N	N	30	N	17
H491335R	N	N	N	N	10	<50	N	N	30	N	17
H491345R	N	N	N	N	10	<50	N	N	20	N	17
H491355R	N	10	N	N	150	<50	N	N	100	N	17

TABLE 5.--- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H49, 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
H491365R	7.00	1.50	.10	.500	50	1.0	N	N	500	100
H491385R	7.00	1.50	.10	.300	30	1.0	N	N	500	100
H491395R	5.00	1.00	.10	.200	15	.7	N	N	200	70
H491415R	5.00	.70	.05	.150	15	.7	N	N	200	1,000
H491425R	7.00	1.00	.05	.100	20	<.5	N	N	500	200
H491435R	7.00	.50	.05	.150	20	1.0	N	N	200	200
H491445R	3.00	.50	.05	.100	15	<.5	N	N	100	1,000
H491475R	20.00	.30	.05	.050	15	5.0	N	N	70	200
H491495R	20.00	1.00	.07	.200	20	10.0	500	N	500	150
H491505R	15.00	1.00	.07	.200	20	5.0	500	N	500	150
H491515R	5.00	.70	.05	.200	1,000	.7	N	N	100	500
H491525R	20.00	1.50	.05	.200	50	3.0	N	N	300	100
H491535R	20.00	2.00	.05	.300	50	2.0	N	N	500	100
H491545R	10.00	1.50	.07	.200	30	<.5	N	N	700	300
H491565R	15.00	2.00	.07	.500	50	2.0	N	N	500	300
H491575R	20.00	2.00	.10	.500	50	1.5	N	N	500	200
H491595R	20.00	2.00	.10	.500	50	3.0	N	N	700	200
H491605R	20.00	1.50	1.00	.500	50	5.0	N	N	700	>5,000
H491635R	20.00	1.00	.05	.100	20	1.5	500	N	500	>5,000
H491645R	20.00	.50	.07	.100	20	7.0	1,000	N	300	500
H491665R	20.00	.50	.05	.030	20	5.0	200	N	300	500
H491675R	>20.00	.30	.05	.020	50	7.0	500	N	200	70
H491695R	>20.00	.70	.05	.100	50	5.0	300	N	500	150
H491715R	5.00	.50	.05	.100	30	N	N	N	100	70
H491725R	10.00	.70	.05	.150	15	.5	N	N	100	100
H491735R	15.00	1.00	.05	.200	30	10.0	500	N	150	500
H491745R	>20.00	.50	.10	.050	70	15.0	1,500	N	200	200
H491755R	20.00	1.50	.15	1.000	50	5.0	500	N	200	500
H491765R	3.00	.20	.15	.030	20	.7	N	N	100	300
H491775R	5.00	.30	.10	.150	15	<.5	N	N	100	100
H491785R	10.00	.70	.10	1.000	100	.5	N	N	150	500
H491795R	15.00	.70	.10	.300	150	<.5	N	N	100	500
H491805R	10.00	1.50	.50	.500	50	N	N	N	150	500
H491815R	10.00	1.00	.15	.500	30	N	N	N	100	500
H491825R	7.00	1.00	.50	.300	20	N	N	N	100	700
H491835R	3.00	1.00	.20	.700	20	N	N	N	100	700
H491845R	5.00	1.50	.30	.700	50	N	N	N	150	700
H491855R	2.00	1.50	.30	.100	50	N	N	N	200	700
H491865R	2.00	.70	.30	.500	30	N	N	N	100	1,000
H491875R	2.00	.70	.20	.500	20	N	N	N	150	1,000
H491885R	1.50	.70	.20	.300	20	N	N	N	150	500
H491895R	5.00	1.00	.20	.500	20	N	N	N	200	1,000
H491905R	7.00	1.00	.20	.500	30	N	N	N	200	700
H491915R	10.00	1.50	1.00	.300	50	N	N	N	700	1,000
H491920R	10.00	1.50	.70	.500	50	N	N	N	500	1,000
H491935R	10.00	1.50	.20	.300	50	N	N	N	500	1,000

TABLE 5.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H49, 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
H491365R	3.0	N	N	15	150	70	N	30	N	5	100
H491385R	2.0	N	N	20	100	70	N	20	N	5	100
H491395R	1.5	N	N	5	50	50	N	10	N	20	100
H491415R	2.0	N	N	5	50	100	N	20	N	20	30
H491425R	1.5	N	N	5	70	50	N	15	N	50	100
H491435R	1.5	N	N	5	50	50	N	20	N	50	100
H491445R	1.0	N	N	N	50	50	N	20	N	20	70
H491475R	<1.0	N	N	15	<10	50	N	20	N	100	300
H491495R	2.0	N	N	30	70	150	N	20	N	200	500
H491505R	2.0	N	N	30	100	200	N	15	N	200	200
H491515R	1.0	N	N	20	50	200	N	70	N	100	150
H491525R	2.0	N	N	30	100	70	N	7	N	150	500
H491535R	3.0	N	N	30	100	200	N	7	N	150	500
H491545R	2.0	N	N	30	100	300	N	10	N	100	150
H491565R	2.0	N	N	50	100	100	N	5	<20	200	200
H491575R	2.0	N	N	30	100	150	N	7	N	200	200
H491595R	2.0	N	N	50	70	200	N	20	N	300	300
H491605R	2.0	N	N	20	100	200	N	30	N	200	500
H491635R	1.0	N	N	20	100	700	N	30	N	150	300
H491645R	<1.0	N	N	50	20	50	N	50	N	300	500
H491665R	<1.0	N	N	20	<10	150	N	20	N	100	200
H491675R	N	N	N	20	<10	50	N	100	N	100	200
H491695R	1.5	N	N	20	<10	10,000	N	70	N	100	300
H491715R	<1.0	N	N	15	100	2,000	N	10	N	50	70
H491725R	1.0	N	N	10	50	700	N	15	N	50	70
H491735R	1.0	N	N	70	50	500	N	50	N	500	500
H491745R	1.0	N	N	100	20	1,000	N	100	N	1,000	700
H491755R	1.5	N	N	100	100	500	N	70	N	500	500
H491765R	N	N	N	20	15	50	N	30	N	30	70
H491775R	N	N	N	20	10	50	N	50	N	70	70
H491785R	1.5	N	N	30	100	100	N	70	<20	100	100
H491795R	1.0	N	N	20	100	100	N	70	N	100	100
H491805R	1.0	N	N	20	50	50	100	20	N	30	100
H491815R	1.0	N	N	15	50	50	70	10	N	50	100
H491825R	1.0	N	N	20	70	50	100	15	N	50	100
H491835R	1.0	N	N	15	50	30	100	10	<20	20	50
H491845R	1.0	N	N	20	50	50	100	10	<20	15	50
H491855R	1.0	N	N	15	50	20	70	10	N	15	20
H491865R	2.0	N	N	10	20	20	100	<5	<20	15	50
H491875R	1.5	N	N	10	20	20	50	<5	<20	10	30
H491885R	1.0	N	N	10	20	20	70	N	N	10	30
H491895R	<1.0	N	N	15	50	50	50	5	N	20	30
H491905R	1.0	N	N	15	50	50	<20	<5	N	30	30
H491915R	1.0	N	N	10	30	50	50	<5	N	20	20
H491920R	1.0	N	N	10	30	30	100	N	N	30	20
H491935R	1.0	N	N	10	50	30	100	<5	N	50	30

TABLE 5.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H49, 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
H491365R	N	10	N	N	300	<50	N	N	100	N	17
H491385R	N	10	N	N	150	<50	N	N	150	N	35
H491395R	N	7	N	N	100	<50	N	N	100	N	35
H491415R	N	5	N	N	50	<50	N	N	100	N	35
H491425R	N	5	N	N	50	<50	N	N	100	N	35
H491435R	N	5	N	N	50	<50	N	N	100	N	35
H491445R	N	<5	N	N	100	<50	N	N	150	N	35
H491475R	N	N	N	N	50	<50	N	N	10	N	35
H491495R	N	7	N	N	200	<50	N	N	100	N	35
H491505R	N	7	N	N	200	<50	N	N	100	N	35
H491515R	N	5	N	N	100	<50	N	N	150	N	35
H491525R	N	7	N	N	200	<50	N	N	100	N	35
H491535R	N	7	N	N	150	<50	N	N	100	N	35
H491545R	N	5	N	N	100	<50	N	N	100	N	35
H491565R	N	10	N	N	200	<50	N	N	150	N	35
H491575R	N	10	N	N	200	<50	N	N	150	N	35
H491595R	N	10	N	N	150	<50	N	N	150	N	35
H491605R	N	10	N	150	200	<50	N	N	200	N	35
H491635R	N	5	N	N	200	<50	N	N	50	N	35
H491645R	N	<5	N	N	100	<50	N	<200	50	N	35
H491665R	N	<5	N	N	50	<50	N	N	<10	N	35
H491675R	N	<5	N	N	20	<50	N	<200	N	N	35
H491695R	N	<5	N	N	100	<50	N	N	50	N	35
H491715R	N	<5	N	N	70	1,500	N	N	50	N	35
H491725R	N	<5	N	N	100	<50	N	N	100	N	35
H491735R	N	5	N	N	200	<50	N	N	500	N	35
H491745R	N	N	N	N	50	<50	N	200	10	N	35
H491755R	N	10	N	N	200	<50	20	N	1,000	N	35
H491765R	N	N	N	200	20	<50	N	N	50	N	35
H491775R	N	N	N	N	50	<50	N	N	100	N	35
H491785R	N	7	N	N	70	<50	15	N	500	N	35
H491795R	N	7	N	N	70	200	20	N	500	N	35
H491805R	N	7	N	<100	100	<50	20	N	300	N	35
H491815R	N	7	N	100	70	<50	20	N	300	N	35
H491825R	N	7	N	<100	70	<50	20	N	200	N	35
H491835R	N	7	N	<100	50	<50	20	N	500	N	35
H491845R	N	7	N	<100	70	<50	20	N	500	N	35
H491855R	N	7	N	<100	50	<50	20	N	200	N	35
H491865R	N	7	N	<100	50	<50	20	N	500	N	35
H491875R	N	7	N	<100	50	<50	20	N	500	N	35
H491885R	N	7	N	N	50	<50	20	N	500	N	35
H491895R	N	5	N	N	50	<50	15	N	150	N	35
H491905R	N	7	N	<100	50	<50	15	N	200	N	35
H491915R	N	7	N	<100	50	<50	20	N	100	N	35
H491920R	N	7	N	N	70	<50	20	N	200	N	35
H491935R	N	7	N	N	50	<50	20	N	200	N	35