UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

Spectrographic analyses of insoluble-residue samples, Harrison 1° x 2° quadrangle, Missouri and Arkansas: Drill holes nos. 4, 5, and 6

by

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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. 4 (Arkansas I.D., Layne Western #1 Mt. Sherman, Newton Co. 2373), drill hole no. 5 (Arkansas I.D., Layne Western #1 Marble Falls, Newton Co. 1789), and drill hole no. 6 (Arkansas I.D., Crooked Creek well, Boone Co.) are given in this report. Drill hole no. 4 is located in sec. 27, T. 16 N., R. 22 W. in Newton County, Arkansas; drill hole no. 5 is located in sec. 20, T. 17 N., R. 20 W. in Newton County, Arkansas; and drill hole no. 6 is located in sec. 4, T. 17 N., R. 20 W. in Boone Co., Arkansas. Data for the insoluble-residue samples in drill holes 4, 5, and 6 are listed in tables 1, 2, and 3, respectively. State I.D., well name and/or well county number, county, and location allow identification and the ability to locate samples in Arkansas at the Arkansas Geologic Commission, Little Rock, Arkansas.

PREPARATION AND ANALYSIS OF SAMPLES

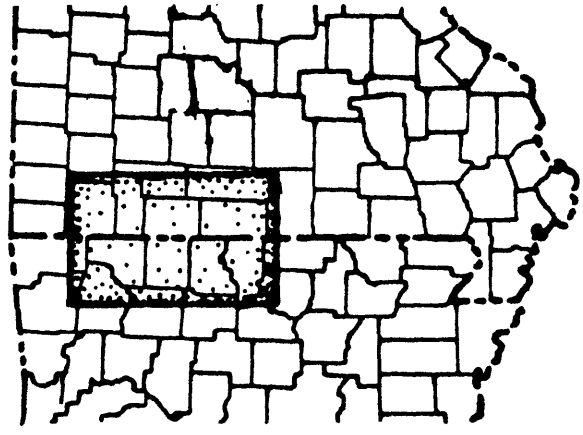
Insoluble residues were prepared by dissolving approximately 80 grams of crushed carbonate rock in repeated applications of 1:5 hydrochloric acid until the carbonate was removed. The samples were then filtered and dried overnight at 50°C.

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).

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



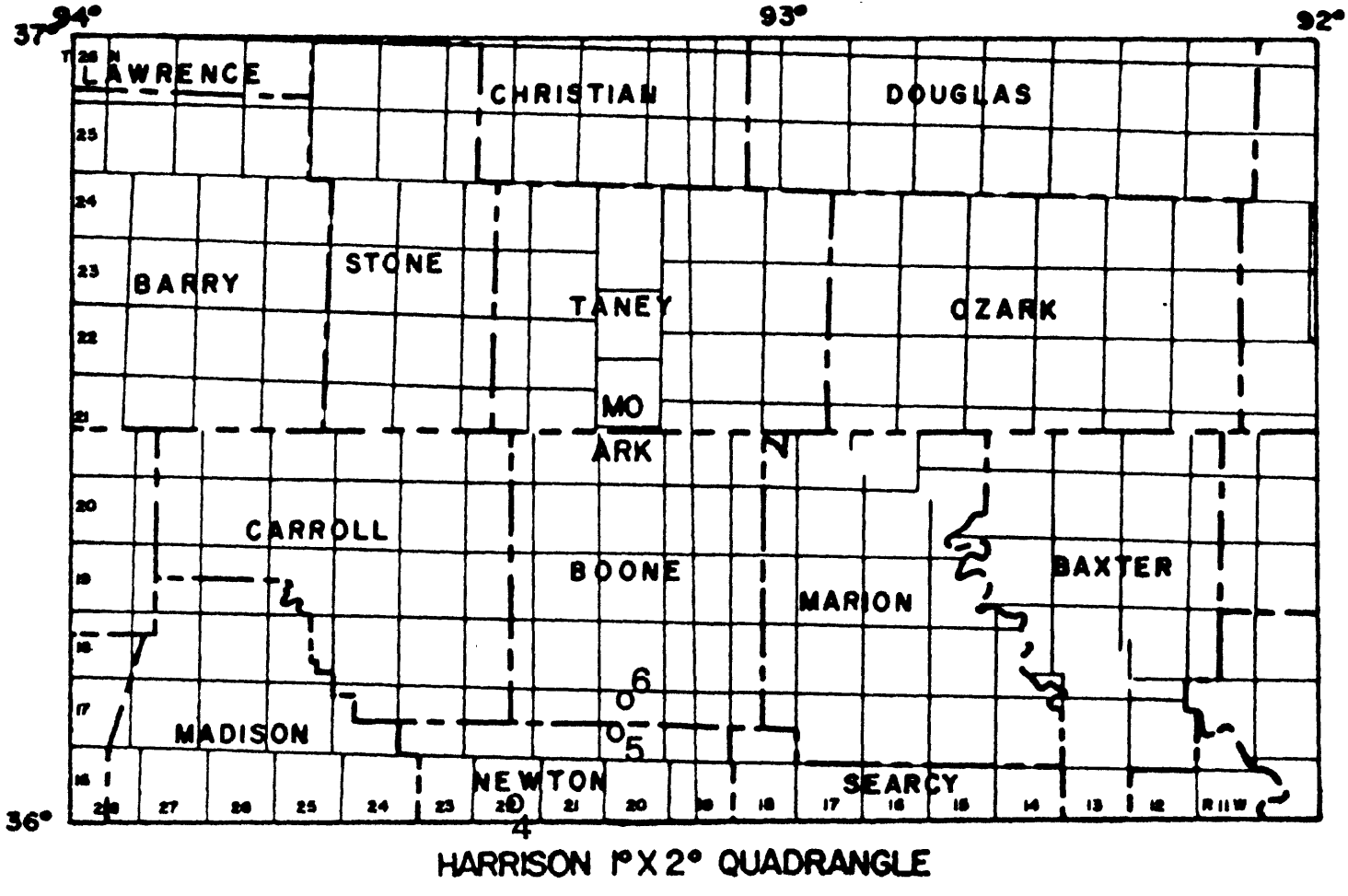


Figure 1. Locations of drill holes, Harrison 1° x 2° quadrangle, Missouri and Arkansas.

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 seven-character code, beginning with the letter H, signifying Harrison. The next number signifies the USGS drill-hole number. The letter R either follows this number or appears at the end of the seven-character code, and signifies insoluble residue. The last four digits identify the depth of the sample from the drill-hole collar. Most samples are composites of 10-foot intervals; some are composites of thicker intervals (15 to as much as 100 feet), dependent upon the original sample intervals and upon the amount of sample material available for analysis. NOTE: Drill hole no. 4 has a missing interval of 370 feet. No cuttings were available from this interval.

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:

Code	Formation
16	Eminence Dolomite
17	Gunter Sandstone member of the Gasconade Formation
18	Gasconade Dolomite
20	Jefferson City Dolomite
21	Cotter Dolomite
22	Powell Dolomite
23	Everton Formation
24	St. Peter Sandstone
30	Chattanooga Shale
31	Undifferentiated Mississippian units
32	Undifferentiated Pennsylvanian units
42	Everton-St. Peter undifferentiated

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

Grimes, D. J., and Marranzino, A. P., 1968, Direct-current arc and alternating-current spark emission spectrographic field methods for the semiquantitative analysis of geologic materials: U.S. Geological Survey Circular 591, 6 p.

Missouri Geological Survey, 1979, Geologic Map of Missouri: Rolla, Missouri, scale 1:500,000.

Motooka, J. M., and Grimes, D. J., 1976, Analytical precision of one-sixth order semiquantitative spectrographic analyses: U.S. Geological Survey Circular 738, 25 p.

VanTrump, George, Jr., and Miesch, A. T., 1977, The U.S. Geological Survey RASS-STATPAC system for management and statistical reduction of geochemical data: Computers and Geosciences, v. 3, p. 475-488.

TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H4, 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	Be-ppm s
H40005R	5.00	.05	<.05	.200	200	N	N	N	50	20
H40015R	5.00	.05	<.05	.150	200	N	N	N	50	<20
H40025R	3.00	.07	<.05	.150	50	N	N	N	50	<20
H40035R	1.50	.20	<.05	.300	20	N	N	N	50	30
H40045R	1.50	.15	<.05	.500	20	N	N	N	50	20
H40055R	2.00	.10	<.05	.500	50	N	N	N	50	20
H40065R	3.00	.15	<.05	.300	1,000	N	N	N	50	50
H40075R	2.00	.15	<.05	.300	700	N	N	N	50	200
H40085R	3.00	.20	<.05	.700	1,000	N	N	N	100	150
H40095R	7.00	.10	<.05	.300	3,000	N	N	N	20	20
H40105R	7.00	1.00	<.05	>1.000	100	N	N	N	200	500
H40115R	7.00	1.50	<.05	>1.000	300	N	N	N	200	500
H40125R	7.00	1.00	.10	1.000	700	N	N	N	200	300
H40135R	10.00	1.00	.07	.500	500	N	N	N	150	200
H40145R	10.00	1.00	.05	.500	500	N	N	N	150	300
H40155R	3.00	.30	.07	.700	50	N	N	N	100	200
H40165R	5.00	.20	<.05	.500	70	N	N	N	100	150
H40175R	7.00	.50	<.05	1.000	70	N	N	N	100	150
H40185R	7.00	.70	<.05	1.000	100	N	N	N	150	200
H40195R	7.00	.70	<.05	1.000	100	N	N	N	100	200
H40205R	7.00	.50	<.05	1.000	100	N	N	N	100	200
H40215R	7.00	.70	<.05	.700	150	N	N	N	100	200
H40225R	2.00	.15	<.05	.300	200	N	N	N	50	50
H40235R	2.00	.50	<.05	.700	100	N	N	N	150	300
H40245R	2.00	.50	<.05	.500	100	N	N	N	150	500
H40255R	1.50	.50	<.05	.500	70	N	N	N	100	500
H40265R	2.00	.70	.05	1.000	100	N	N	N	150	500
H40275R	2.00	.70	N	1.000	100	N	N	N	200	500
H40285R	2.00	.70	N	1.000	100	N	N	N	200	500
H40295R	1.00	.05	N	.300	20	N	N	N	50	70
H40305R	.70	.10	N	.300	15	N	N	N	70	70
H40315R	.50	.10	N	.200	15	N	N	N	50	70
H40325R	.07	.02	N	.050	10	N	N	N	20	20
H40335R	.07	.02	N	.050	10	N	N	N	70	<20
H40345R	.10	.02	N	.070	10	N	N	N	20	50
H40355R	.15	.02	N	.070	10	N	N	N	20	30
H40365R	.10	.02	N	.100	10	N	N	N	15	30
H40375R	1.00	.10	N	.500	15	N	N	N	70	150
H40385R	.50	.02	N	.070	10	N	N	N	20	30
H40395R	.30	.03	N	.070	<10	N	N	N	20	20
H40405R	2.00	1.00	N	.700	100	N	N	N	200	500
H40415R	3.00	.70	.07	.500	200	N	N	N	150	500
H40425R	3.00	1.00	<.05	1.000	200	N	N	N	300	500
H40435R	3.00	.70	<.05	1.000	100	N	N	N	200	1,000
H40445R	2.00	1.00	<.05	.700	100	N	N	N	150	700

TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H4, 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
H40005R	1.0	N	N	N	50	15	N	N	N	15	<10
H40015R	N	<10	N	N	20	10	N	N	N	15	<10
H40025R	N	<10	N	N	20	10	N	N	N	15	<10
H40035R	<1.0	<10	N	N	70	7	N	N	N	15	<10
H40045R	<1.0	<10	N	<5	100	5	N	N	N	20	<10
H40055R	<1.0	<10	N	<5	50	5	N	N	N	20	<10
H40065R	<1.0	N	N	7	100	5	N	N	N	20	<10
H40075R	<1.0	N	N	<5	50	<5	N	N	N	15	<10
H40085R	1.0	N	N	7	100	15	50	N	<20	30	<10
H40095R	N	N	N	5	50	7	<20	N	<20	15	<10
H40105R	1.5	N	N	10	100	20	100	N	<20	20	<10
H40115R	2.0	N	N	15	150	30	100	N	<20	100	20
H40125R	2.0	N	N	15	150	20	100	N	N	70	15
H40135R	1.0	N	N	15	100	20	<20	N	N	70	20
H40145R	1.5	N	N	15	200	50	50	N	N	100	30
H40155R	1.0	N	N	5	50	10	50	N	N	20	N
H40165R	1.0	N	N	5	50	10	<20	N	N	20	N
H40175R	1.0	N	N	5	70	20	50	10	N	50	N
H40185R	1.5	N	N	10	100	30	50	N	N	30	15
H40195R	1.0	N	N	7	100	30	50	N	N	20	<10
H40205R	1.0	N	N	10	100	20	50	N	<20	30	<10
H40215R	1.0	N	N	7	100	20	50	N	N	30	<10
H40225R	<1.0	N	N	<5	20	5	N	N	N	15	<10
H40235R	2.0	N	N	10	100	30	30	N	<20	30	10
H40245R	2.0	N	N	10	100	30	50	N	N	30	10
H40255R	1.5	N	N	10	100	30	30	5	N	20	10
H40265R	2.0	N	N	15	150	30	100	5	<20	50	50
H40275R	2.0	N	N	15	150	50	70	5	<20	70	50
H40285R	2.0	N	N	15	150	50	70	5	N	50	50
H40295R	N	N	N	N	20	5	N	5	N	5	N
H40305R	N	N	N	N	20	<5	N	<5	N	5	N
H40315R	N	N	N	N	20	<5	N	<5	N	7	N
H40325R	N	N	N	N	50	<5	N	N	N	<5	N
H40335R	N	N	N	N	15	<5	N	N	N	<5	N
H40345R	N	N	N	N	20	<5	N	<5	N	5	N
H40355R	N	N	N	N	20	5	N	N	N	5	N
H40365R	N	N	N	N	100	<5	N	5	N	5	N
H40375R	<1.0	N	N	N	50	<5	N	5	N	15	N
H40385R	N	N	N	N	15	<5	N	N	N	5	N
H40395R	N	N	N	N	15	<5	N	N	N	5	N
H40405R	2.0	N	N	10	150	30	50	N	N	50	20
H40415R	1.5	N	N	10	100	30	50	N	N	50	<10
H40425R	2.0	N	N	20	100	50	100	N	<20	70	20
H40435R	1.5	N	N	15	100	20	100	N	<20	50	<10
H40445R	1.5	N	N	10	100	30	100	N	N	50	<10

TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H4, 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
H40005R	N	<5	N	N	100	N	10	N	150	N	32
H40015R	N	N	N	N	100	N	N	N	100	N	32
H40025R	N	N	N	N	100	N	N	N	100	N	32
H40035R	N	N	N	N	100	N	20	N	150	N	32
H40045R	N	N	N	N	100	N	<10	N	150	N	32
H40055R	N	N	N	N	70	N	<10	N	500	N	32
H40065R	N	N	N	N	100	N	15	N	500	N	32
H40075R	N	5	N	N	100	N	10	N	500	N	32
H40085R	N	10	N	N	150	N	20	N	500	N	32
H40095R	N	5	N	N	100	N	15	N	700	N	32
H40105R	N	15	N	N	200	N	50	N	300	N	32
H40115R	N	15	N	N	300	N	20	N	200	N	32
H40125R	N	15	N	N	200	N	20	N	300	N	32
H40135R	N	10	N	N	200	N	20	N	700	N	32
H40145R	N	10	N	N	200	N	20	N	500	N	32
H40155R	N	7	N	N	100	N	20	N	200	N	32
H40165R	N	7	N	N	100	N	15	N	200	N	32
H40175R	N	10	N	N	150	N	30	N	1,000	N	32
H40185R	N	10	N	N	200	N	20	N	1,000	N	32
H40195R	N	10	N	N	200	N	20	N	500	N	32
H40205R	N	10	N	N	200	N	30	N	500	N	32
H40215R	N	7	N	N	200	N	30	N	300	N	32
H40225R	N	<5	N	N	50	N	10	N	200	N	32
H40235R	N	10	N	N	200	N	20	N	200	N	32
H40245R	N	10	N	<100	200	N	20	N	200	N	32
H40255R	N	7	N	N	200	N	15	N	200	N	32
H40265R	N	15	N	N	200	<50	20	N	1,000	N	32
H40275R	N	15	N	N	200	<50	20	N	200	N	32
H40285R	N	15	N	N	200	<50	20	N	200	N	32
H40295R	N	<5	N	N	50	<50	N	N	300	N	32
H40305R	N	N	N	N	50	<50	N	N	70	N	32
H40315R	N	N	N	N	50	<50	N	N	70	N	32
H40325R	N	N	N	N	50	<50	N	N	50	N	32
H40335R	N	N	N	N	50	<50	N	N	50	N	32
H40345R	N	N	N	N	30	<50	N	N	50	N	32
H40355R	N	N	N	N	20	<50	N	N	100	N	32
H40365R	N	N	N	N	30	<50	N	N	100	N	32
H40375R	N	N	N	N	70	<50	10	N	300	N	32
H40385R	N	N	N	N	20	<50	N	N	100	N	32
H40395R	N	N	N	N	20	<50	N	N	50	N	32
H40405R	N	10	N	N	200	<50	20	N	150	N	32
H40415R	N	10	N	100	150	N	20	<200	300	N	32
H40425R	N	15	N	N	200	N	30	N	300	N	32
H40435R	N	10	N	N	150	N	30	N	300	N	32
H40445R	N	10	N	N	150	N	30	N	200	N	32

TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H4, 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
H40455R	5.00	.70	.07	.700	100	N	N	N	70	700
H40465R	3.00	.30	<.05	.300	100	N	N	N	100	200
H40475R	3.00	.20	<.05	.300	100	N	N	N	100	150
H40485R	5.00	1.00	<.05	.700	150	N	N	N	200	500
H40495R	5.00	1.00	<.05	.700	100	N	N	N	100	300
H40505R	5.00	1.00	<.05	.500	100	N	N	N	200	1,000
H40515R	5.00	1.00	<.05	.500	100	N	N	N	150	700
H40525R	3.00	1.00	<.05	.700	100	N	N	N	150	700
H40535R	5.00	1.00	.05	.700	150	N	N	N	100	1,000
H40545R	5.00	1.00	<.05	.700	100	N	N	N	100	1,000
H40555R	5.00	1.00	<.05	.700	100	N	N	N	100	700
H40565R	7.00	1.00	.05	.500	100	N	N	N	100	500
H40575R	5.00	1.00	.05	.700	100	N	N	N	100	700
H40585R	7.00	1.00	.07	.700	200	N	N	N	100	700
H40595R	5.00	1.00	<.05	.700	100	N	N	N	100	700
H40605R	5.00	1.00	<.05	.500	150	N	N	N	150	700
H40615R	5.00	1.00	<.05	.700	100	N	N	N	100	1,000
H40625R	5.00	1.00	<.05	.700	50	N	N	N	100	300
H40635R	7.00	1.00	<.05	.700	70	N	N	N	150	500
H40645R	7.00	1.00	<.05	.500	70	N	N	N	150	300
H40655R	7.00	1.00	<.05	.500	100	N	N	N	150	300
H40665R	5.00	1.00	<.05	.500	50	N	N	N	150	300
H40675R	7.00	1.00	<.05	.700	70	N	N	N	150	500
H40685R	7.00	1.00	<.05	.500	200	N	N	N	150	700
H40695R	5.00	1.00	<.05	.300	200	N	N	N	200	700
H40705R	5.00	1.00	<.05	.500	150	3.0	N	N	200	500
H40715R	5.00	1.00	.05	.500	150	.7	N	N	200	500
H40725R	7.00	1.00	.05	.500	150	.5	N	N	200	500
H40735R	5.00	1.00	.07	.500	150	1.5	N	N	150	300
H40745R	.20	.05	.10	.070	10	N	N	N	100	50
H40755R	.30	.05	.30	.070	20	N	N	N	100	70
H40765R	5.00	.70	.05	.500	100	N	N	N	200	500
H40775R	5.00	.50	.07	.300	100	N	N	N	150	200
H40785R	5.00	.50	.07	.500	100	N	N	N	150	200
H40795R	5.00	.50	.05	.700	100	N	N	N	150	300
H40805R	7.00	.30	.07	.500	300	N	N	N	100	300
H40815R	1.00	.03	.10	.070	100	N	N	N	50	50
H40825R	.50	.05	.15	.100	10	N	N	N	50	50
H40835R	.50	.07	.10	.100	10	N	N	N	50	50
H40845R	.10	.03	.10	.050	<10	N	N	N	50	50
H40855R	5.00	.70	.07	.500	70	N	N	N	150	300
H40865R	1.50	.20	.05	.200	50	N	N	N	100	150
H40875R	.07	<.02	.15	.010	10	N	N	N	50	<20
H40885R	.10	<.02	.05	.020	10	N	N	N	50	<20
H40895R	1.00	.10	.05	.150	20	N	N	N	50	70

TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H4, 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
H40455R	1.5	N	N	15	100	50	50	5	N	70	20
H40465R	1.0	N	N	5	100	10	<20	<5	N	30	<10
H40475R	1.0	N	N	5	70	15	<20	N	N	20	<10
H40485R	2.0	N	N	10	200	50	100	N	<20	70	30
H40495R	1.5	N	N	10	100	50	70	N	<20	50	20
H40505R	1.5	N	N	10	150	50	100	N	<20	50	50
H40515R	1.5	N	N	15	150	50	50	N	<20	50	30
H40525R	1.5	N	N	15	100	30	70	N	<20	50	20
H40535R	1.5	N	N	10	150	30	100	5	<20	50	15
H40545R	2.0	N	N	10	150	30	100	<5	<20	50	20
H40555R	1.0	N	N	15	100	50	100	<5	<20	30	20
H40565R	2.0	N	N	15	200	70	100	15	<20	100	50
H40575R	2.0	N	N	15	200	50	100	5	<20	100	30
H40585R	2.0	N	N	20	200	50	100	N	<20	100	50
H40595R	2.0	N	N	20	200	50	100	<5	<20	100	15
H40605R	1.5	N	N	15	200	50	70	<5	<20	70	20
H40615R	2.0	N	N	15	300	50	100	N	<20	100	30
H40625R	1.0	N	N	15	200	50	50	<5	<20	70	20
H40635R	1.5	N	N	20	200	50	70	N	<20	150	20
H40645R	1.0	N	N	15	200	50	50	<5	<20	100	15
H40655R	1.0	N	N	15	200	50	70	5	<20	100	30
H40665R	1.5	N	N	10	200	30	50	N	<20	100	20
H40675R	1.5	N	N	15	200	30	50	N	<20	100	20
H40685R	2.0	N	N	15	500	100	70	10	<20	100	50
H40695R	1.5	N	N	15	1,000	100	70	15	N	100	50
H40705R	1.5	N	N	10	1,000	100	50	15	N	100	20
H40715R	1.5	N	N	15	300	50	70	7	N	100	50
H40725R	1.5	N	N	15	500	100	70	10	N	100	50
H40735R	2.0	N	N	10	700	50	<20	10	<20	100	50
H40745R	N	N	N	N	20	<5	N	N	N	7	N
H40755R	N	N	N	N	15	5	N	N	N	7	N
H40765R	1.5	N	N	10	200	50	<20	10	N	100	50
H40775R	1.5	N	N	10	150	30	<20	5	N	70	50
H40785R	1.5	N	N	15	200	50	<20	10	N	100	50
H40795R	1.5	N	N	10	200	30	<20	7	N	70	50
H40805R	1.5	N	N	10	150	30	<20	5	N	50	20
H40815R	N	N	N	N	15	5	N	N	N	7	N
H40825R	N	N	N	N	10	<5	N	N	N	7	N
H40835R	N	N	N	N	10	<5	N	N	N	10	N
H40845R	N	N	N	N	10	<5	N	N	N	<5	N
H40855R	1.5	N	N	15	100	20	50	N	N	50	15
H40865R	1.0	N	N	15	50	15	N	N	N	20	N
H40875R	N	N	N	10	<10	<5	N	N	N	7	N
H40885R	N	N	N	N	<10	<5	N	N	N	<5	N
H40895R	N	N	N	N	20	5	N	N	N	10	N

TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H4, 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
H40455R	N	10	N	<100	200	N	20	200	300	N	32
H40465R	N	10	N	N	100	N	10	N	100	N	32
H40475R	N	7	N	N	100	N	10	N	150	N	32
H40485R	N	15	N	<100	150	N	20	N	200	N	32
H40495R	N	15	N	<100	150	N	15	N	200	N	32
H40505R	N	15	N	<100	200	N	30	N	100	N	32
H40515R	N	15	N	<100	300	N	20	N	150	N	32
H40525R	N	10	N	<100	200	N	20	N	100	N	32
H40535R	N	10	N	<100	150	N	30	N	500	N	32
H40545R	N	15	N	100	200	N	50	N	300	N	32
H40555R	N	15	N	<100	200	N	30	N	200	N	32
H40565R	N	15	N	<100	700	N	30	200	150	N	32
H40575R	N	15	N	<100	200	N	20	N	150	N	32
H40585R	N	15	N	<100	200	N	30	N	200	N	32
H40595R	N	15	N	<100	200	N	20	N	200	N	32
H40605R	N	15	N	<100	500	N	20	N	150	N	32
H40615R	N	15	N	<100	500	N	30	N	100	N	32
H40625R	N	15	N	<100	500	N	20	N	100	N	32
H40635R	N	15	N	<100	500	N	20	N	100	N	32
H40645R	N	15	N	<100	300	N	20	N	100	N	32
H40655R	N	15	N	<100	500	N	20	N	100	N	32
H40665R	N	15	N	<100	500	N	20	N	100	N	32
H40675R	N	15	N	<100	500	N	20	N	100	N	32
H40685R	N	15	N	<100	500	N	20	N	100	N	32
H40695R	N	15	N	100	500	N	20	N	70	N	32
H40705R	N	15	N	100	300	N	20	<200	100	N	32
H40715R	N	15	N	<100	500	N	20	N	100	N	31
H40725R	N	15	N	<100	500	N	30	N	200	N	31
H40735R	N	15	N	100	200	N	20	<200	70	N	31
H40745R	N	N	N	N	50	<50	N	N	30	N	31
H40755R	N	<5	N	N	50	<50	N	N	20	N	31
H40765R	N	15	N	<100	200	<50	20	N	100	N	31
H40775R	N	10	N	<100	200	<50	15	N	100	N	31
H40785R	N	10	N	<100	200	<50	20	N	100	N	31
H40795R	N	10	N	N	200	<50	20	700	100	N	31
H40805R	N	10	N	N	200	50	20	N	500	N	31
H40815R	N	N	N	N	30	<50	N	500	70	N	31
H40825R	N	N	N	N	30	<50	N	N	70	N	31
H40835R	N	N	N	N	30	<50	N	N	30	N	31
H40845R	N	N	N	N	20	N	N	N	20	N	31
H40855R	N	10	N	N	200	100	15	N	50	N	31
H40865R	N	5	N	N	100	150	N	N	70	N	31
H40875R	N	N	N	N	20	100	N	N	N	N	31
H40885R	N	N	N	N	15	<50	N	N	N	N	31
H40895R	N	5	N	N	50	<50	N	N	50	N	31

TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H4, 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
H40905R	1.50	.10	.05	.150	50	N	N	N	50	100
H40915R	5.00	1.00	.07	.500	100	N	N	N	100	500
H40925R	7.00	1.00	.05	.700	500	N	N	N	100	500
H40935R	.20	.05	.20	.030	10	N	N	N	50	70
H40945R	.30	.05	.20	.030	10	N	N	N	50	50
H40955R	.30	.03	.20	.020	10	N	N	N	30	30
H40965R	1.00	.15	.30	.100	50	N	N	N	50	50
H40975R	1.00	.10	.20	.070	30	N	N	N	50	30
H40985R	.50	.10	.20	.070	20	N	N	N	50	50
H40995R	3.00	.50	.05	.300	100	N	N	N	50	500
H41005R	2.00	.20	.07	.200	30	N	N	N	100	200
H41015R	1.50	.50	.07	.200	50	N	N	N	150	200
H41025R	1.00	.30	.05	.200	50	N	N	N	150	200
H41035R	2.00	.70	.15	.500	100	N	N	N	200	300
H41045R	2.00	.50	.05	.300	100	N	N	N	150	200
H41055R	2.00	.50	.07	.300	100	N	N	N	200	500
H41065R	2.00	.70	.07	.500	70	N	N	N	200	300
H41075R	1.00	.30	.05	.300	100	N	N	N	150	300
H41085R	1.50	.30	<.05	.300	100	N	N	N	150	150
H41095R	1.00	.50	.07	.300	30	N	N	N	150	150
H41215R	1.00	.30	<.05	.300	30	N	N	N	150	200
H41585R	1.00	.30	<.05	.200	20	N	N	N	150	150
H41595R	2.00	.50	<.05	.500	50	<.5	N	N	200	300
H41605R	2.00	.70	<.05	.500	50	N	N	N	200	300
H41615R	3.00	.50	<.05	.500	50	.5	N	N	300	300
H41625R	2.00	.50	<.05	.500	50	<.5	N	N	200	200
H41635R	2.00	.70	<.05	.700	50	3.0	N	N	200	300
H41645R	3.00	1.00	<.05	.700	100	1.0	N	N	200	200
H41655R	2.00	1.00	<.05	.700	50	3.0	N	N	150	200
H41665R	2.00	1.00	<.05	.500	50	N	N	N	200	500
H41675R	5.00	1.00	.05	1.000	100	50.0	N	N	200	300
H41685R	1.50	.50	.05	.300	50	N	N	N	200	150
H41695R	1.50	.50	<.05	.300	50	N	N	N	200	200
H41705R	5.00	1.00	<.05	1.000	100	N	N	N	200	300
H41715R	1.50	1.00	<.05	.500	50	N	N	N	200	200
H41725R	2.00	.70	<.05	.300	20	N	N	N	150	200
H41735R	1.50	.70	.07	.500	100	N	N	N	200	200
H41745R	3.00	.70	.05	.700	70	N	N	N	200	200
H41755R	1.50	.50	.05	.500	30	N	N	N	150	200
H41765R	2.00	1.00	.15	.700	50	N	N	N	200	300
H41775R	2.00	1.00	.10	.500	50	N	N	N	150	1,000
H41785R	2.00	.70	.10	.700	50	N	N	N	150	200
H41795R	1.50	.50	.07	.200	30	N	N	N	150	200
H41805R	1.50	.30	.05	.300	50	N	N	N	150	150
H41815R	2.00	.50	<.05	.500	50	N	N	N	150	200

TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H4, 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
H40905R	N	N	N	10	20	5	N	N	N	15	N
H40915R	1.5	N	N	20	100	50	50	10	N	70	20
H40925R	1.5	N	N	50	150	30	70	10	N	50	20
H40935R	N	N	N	7	<10	<5	N	N	N	10	N
H40945R	N	N	N	N	<10	<5	N	N	N	10	N
H40955R	N	N	N	N	<10	<5	N	N	N	7	N
H40965R	N	N	N	N	10	7	N	N	N	70	N
H40975R	<1.0	N	N	N	15	<5	N	N	<20	20	N
H40985R	N	N	N	N	10	<5	N	<5	N	15	N
H40995R	1.0	N	N	20	100	20	N	10	N	70	10
H41005R	1.5	N	N	10	100	15	N	5	N	20	N
H41015R	2.0	N	N	N	150	15	N	5	N	30	10
H41025R	1.5	N	N	N	150	10	N	<5	N	30	<10
H41035R	2.0	N	N	15	150	20	30	7	N	70	20
H41045R	2.0	N	N	<5	150	15	N	<5	N	50	<10
H41055R	2.0	N	N	15	200	20	N	<5	N	50	<10
H41065R	2.0	N	N	10	200	20	N	<5	N	50	10
H41075R	2.0	N	N	N	100	5	N	N	N	15	N
H41085R	1.5	N	N	N	100	5	N	N	N	15	N
H41095R	1.5	N	N	N	100	<5	N	N	N	15	N
H41215R	1.5	N	N	N	100	5	N	N	N	15	N
H41585R	1.5	N	N	N	100	7	N	N	N	15	<10
H41595R	2.0	N	N	10	150	7	N	N	N	20	10
H41605R	2.0	N	N	10	150	20	N	N	N	20	20
H41615R	2.0	N	N	10	150	50	N	<5	N	50	30
H41625R	2.0	N	N	7	100	30	N	5	N	20	15
H41635R	2.0	N	N	7	150	30	50	<5	<20	50	20
H41645R	2.0	N	N	15	200	30	50	7	N	70	50
H41655R	2.0	N	N	10	200	30	50	5	N	70	30
H41665R	2.0	N	N	10	150	30	<20	5	N	100	20
H41675R	2.0	N	N	20	200	50	50	15	N	100	50
H41685R	2.0	N	N	N	150	100	N	<5	N	20	10
H41695R	2.0	N	N	N	100	100	N	<5	N	20	10
H41705R	2.0	N	N	15	150	50	50	<5	N	100	50
H41715R	2.0	N	N	10	150	50	N	<5	N	30	30
H41725R	1.5	N	N	N	150	20	N	<5	N	20	20
H41735R	2.0	N	N	N	150	30	<20	5	N	20	20
H41745R	2.0	N	N	15	150	100	<20	7	N	30	50
H41755R	1.5	N	N	5	150	20	N	5	N	20	10
H41765R	2.0	N	N	15	150	30	50	7	N	50	50
H41775R	1.5	N	N	5	100	20	50	5	N	20	20
H41785R	1.5	N	N	10	150	20	50	10	N	50	20
H41795R	1.5	N	N	N	200	10	<20	7	N	15	<10
H41805R	1.5	N	N	N	100	15	<20	7	N	20	<10
H41815R	2.0	N	N	N	150	15	<20	5	N	20	N

TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H4, 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
H40905R	N	5	N	N	50	<50	N	N	50	N	31
H40915R	N	10	N	N	200	300	30	N	100	N	31
H40925R	N	10	N	N	200	1,000	20	N	100	N	31
H40935R	N	N	N	N	20	<50	N	N	N	N	31
H40945R	N	N	N	N	20	<50	N	N	N	N	31
H40955R	N	N	N	N	15	<50	N	N	30	N	31
H40965R	N	<5	N	N	70	<50	N	N	100	N	31
H40975R	N	N	N	N	50	<50	N	N	20	N	31
H40985R	N	<5	N	N	50	<50	N	N	20	N	31
H40995R	N	10	N	<100	100	100	15	N	150	N	31
H41005R	N	7	N	<100	100	150	10	N	150	N	31
H41015R	N	10	N	<100	100	N	10	N	50	N	31
H41025R	N	7	N	<100	100	N	10	N	100	N	31
H41035R	N	15	N	<100	150	100	15	N	200	N	31
H41045R	N	10	N	<100	150	N	20	N	200	N	31
H41055R	N	10	N	<100	150	150	20	N	100	N	31
H41065R	N	15	N	<100	200	<50	20	N	100	N	31
H41075R	N	7	N	<100	150	N	10	N	100	N	31
H41085R	N	7	N	<100	100	N	10	N	100	N	31
H41095R	N	5	N	<100	100	N	10	N	150	N	31
H41215R	N	7	N	<100	100	N	10	N	100	N	23
H41585R	N	5	N	<100	100	N	10	N	50	N	23
H41595R	N	10	N	<100	100	<50	15	N	100	N	23
H41605R	N	10	N	<100	150	<50	15	N	100	N	23
H41615R	N	10	N	<100	200	<50	20	N	100	N	23
H41625R	N	10	N	<100	100	100	15	N	100	N	23
H41635R	N	15	N	<100	200	<50	20	N	300	N	23
H41645R	N	15	N	<100	300	70	20	N	200	N	23
H41655R	N	10	N	<100	300	<50	20	N	200	N	23
H41665R	N	10	N	<100	200	<50	15	N	150	N	23
H41675R	N	15	N	<100	200	150	20	N	200	N	23
H41685R	N	10	N	<100	150	N	15	N	100	N	23
H41695R	N	10	N	<100	150	N	15	N	100	N	23
H41705R	N	15	N	<100	200	N	20	N	200	N	23
H41715R	N	10	N	<100	150	N	15	N	150	N	23
H41725R	N	10	N	<100	100	N	15	N	100	N	23
H41735R	N	10	N	<100	150	N	15	N	200	N	23
H41745R	N	10	N	<100	200	N	20	N	300	N	23
H41755R	N	7	N	<100	150	N	10	N	200	N	23
H41765R	N	15	N	<100	200	N	20	N	200	N	23
H41775R	N	10	N	<100	150	N	15	N	300	N	23
H41785R	N	10	N	<100	200	N	20	N	500	N	23
H41795R	N	7	N	<100	100	N	15	N	100	N	23
H41805R	N	7	N	<100	100	N	15	N	200	N	23
H41815R	N	10	N	<100	100	<50	20	N	200	N	23

TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H4, 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
H41825R	3.00	.70	<.05	.500	150	N	N	N	150	200
H41835R	2.00	.50	<.05	.300	20	N	N	N	100	200
H41845R	3.00	.50	<.05	.500	500	N	N	N	150	200
H41855R	5.00	.70	.05	.700	100	N	N	N	200	300
H41865R	5.00	.70	.05	.700	70	N	N	N	150	300
H41875R	3.00	.70	.05	.700	70	N	N	N	200	200
H41885R	1.50	.30	<.05	.300	30	N	N	N	50	150
H41895R	2.00	.50	<.05	.500	50	N	N	N	70	200
H41905R	3.00	.70	.07	.500	50	N	N	N	150	500
H41975R	2.00	.50	.05	.500	100	N	N	N	200	200
H41985R	2.00	.50	<.05	.300	70	N	N	N	100	200
H41995R	5.00	1.00	.05	1.000	100	5.0	N	N	200	500
H42005R	5.00	1.00	.05	1.000	70	N	N	N	150	200
H42015R	1.50	.30	<.05	.300	50	N	N	N	100	150
H42025R	1.50	.20	<.05	.200	100	N	N	N	100	500
H42035R	5.00	.70	<.05	.500	70	N	N	N	200	300
H42045R	5.00	1.00	.05	.500	50	N	N	N	200	200
H42055R	2.00	.50	<.05	.300	30	N	N	N	150	200
H42065R	3.00	.70	<.05	.500	50	N	N	N	200	200
H42075R	3.00	.70	.05	.500	50	N	N	N	150	300
H42085R	3.00	.70	.05	.500	50	N	N	N	150	150
H42095R	5.00	.50	.15	.300	30	N	N	N	100	200
H42105R	5.00	.50	.10	.500	20	N	N	N	100	200
H42115R	2.00	.30	<.05	.500	20	N	N	N	150	100
H42125R	5.00	1.50	.10	.700	50	N	N	N	200	150
H42135R	2.00	.50	<.05	.300	30	N	N	N	100	150
H42145R	5.00	.70	<.05	.500	50	N	N	N	200	200
H42165R	3.00	.30	<.05	.300	30	N	N	N	100	300
H42175R	3.00	.50	.05	.500	30	N	N	N	150	300
H42185R	3.00	.50	<.05	.200	30	N	N	N	100	200
H42195R	2.00	.20	<.05	.150	20	N	N	N	150	200
H42205R	2.00	.20	<.05	.100	20	N	N	N	100	150
H42215R	3.00	.20	<.05	.100	20	N	N	N	100	100
H42225R	5.00	1.00	.30	.150	50	N	N	N	100	300
H42235R	5.00	.70	<.05	.200	50	N	N	N	100	200
H42245R	5.00	1.00	.05	.700	50	N	N	N	100	500
H42255R	.50	.20	.05	.100	10	N	N	N	50	200
H42265R	1.00	1.50	2.00	.150	30	N	N	N	70	100
H42275R	3.00	.70	.10	.200	20	N	N	N	100	150
H42285R	7.00	1.00	.30	.500	50	N	N	N	150	300
H42295R	3.00	.30	.05	.200	20	N	N	N	50	150
H42305R	3.00	.50	.05	.300	50	N	N	N	100	200
H42315R	2.00	.20	<.05	.150	20	N	N	N	50	100
H42325R	5.00	.30	.05	.200	20	N	N	N	50	150
H42335R	2.00	.30	.05	.100	15	N	N	N	50	100

TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H4, 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
H41825R	2.0	N	N	5	200	70	50	7	N	50	30
H41835R	2.0	N	N	N	100	15	<20	5	N	20	10
H41845R	2.0	N	N	5	100	10	<20	<5	N	20	<10
H41855R	2.0	N	N	10	150	20	<20	10	N	50	20
H41865R	2.0	N	N	10	150	50	<20	10	<20	70	20
H41875R	2.0	N	N	10	150	20	50	10	N	70	20
H41885R	1.5	N	N	N	70	7	N	5	N	20	N
H41895R	2.0	N	N	5	100	20	N	5	N	50	<10
H41905R	2.0	N	N	10	100	30	<20	5	N	50	20
H41975R	2.0	N	N	5	150	15	50	5	N	20	<10
H41985R	1.5	N	N	<5	100	20	N	7	<20	20	<10
H41995R	2.0	N	N	10	200	30	50	5	N	70	20
H42005R	2.0	N	N	7	200	100	50	5	N	70	20
H42015R	1.5	N	N	N	70	5	N	<5	N	10	N
H42025R	1.0	N	N	5	50	10	<20	5	N	10	<10
H42035R	2.0	N	N	15	150	50	70	7	N	50	20
H42045R	2.0	N	N	15	200	100	70	<5	N	70	20
H42055R	1.5	N	N	N	150	20	50	<5	N	20	10
H42065R	2.0	N	N	10	200	20	50	<5	N	50	15
H42075R	2.0	N	N	7	150	50	<20	5	N	50	20
H42085R	1.5	N	N	7	150	50	<20	<5	N	50	20
H42095R	1.0	N	N	7	70	50	N	15	N	30	20
H42105R	1.0	N	N	7	100	50	N	15	N	20	20
H42115R	1.5	N	N	5	100	7	50	<5	N	15	10
H42125R	1.5	N	N	15	150	100	70	20	<20	20	30
H42135R	1.5	N	N	7	100	30	<20	10	N	50	10
H42145R	1.5	N	N	15	100	50	50	10	<20	20	20
H42165R	1.0	N	N	5	100	20	<20	10	N	50	10
H42175R	1.0	N	N	5	100	20	50	10	N	20	15
H42185R	1.0	N	N	5	100	20	50	5	N	50	10
H42195R	1.0	N	N	<5	100	15	50	5	N	20	<10
H42205R	1.0	N	N	<5	70	15	N	5	N	15	<10
H42215R	1.0	N	N	<5	100	20	<20	7	N	15	15
H42225R	1.0	N	N	7	150	20	<20	15	N	30	30
H42235R	1.0	N	N	5	100	15	<20	10	N	30	15
H42245R	1.0	N	N	15	100	70	N	20	<20	50	30
H42255R	<1.0	N	N	N	20	5	N	15	N	10	N
H42265R	1.0	N	N	N	20	15	N	20	N	15	N
H42275R	1.0	N	N	10	50	50	N	20	N	20	20
H42285R	2.0	N	N	15	100	70	N	50	<20	70	50
H42295R	1.0	N	N	<5	50	20	N	20	N	10	N
H42305R	2.0	N	N	5	100	15	N	20	N	15	N
H42315R	<1.0	N	N	N	50	5	N	10	N	10	N
H42325R	1.0	N	N	N	50	30	N	20	N	15	N
H42335R	<1.0	N	N	N	20	10	N	20	N	10	N

TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H4, 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
H41825R	N	10	N	<100	150	<50	20	N	200	N	23
H41835R	N	10	N	<100	100	<50	10	N	200	N	23
H41845R	N	7	N	<100	150	<50	10	N	>1,000	N	23
H41855R	N	10	N	<100	150	<50	15	<200	500	N	23
H41865R	N	10	N	<100	150	<50	15	N	200	N	23
H41875R	N	10	N	<100	150	<50	15	N	200	N	22
H41885R	N	7	N	<100	100	<50	10	N	100	N	22
H41895R	N	7	N	<100	150	<50	10	N	200	N	22
H41905R	N	10	N	<100	150	100	15	N	500	N	22
H41975R	N	10	N	<100	150	N	15	N	500	N	22
H41985R	N	7	N	<100	150	N	10	N	300	N	22
H41995R	N	15	N	<100	200	N	20	300	150	N	22
H42005R	N	15	N	<100	200	N	20	N	150	N	22
H42015R	N	5	N	<100	100	N	10	N	150	N	22
H42025R	N	5	N	<100	50	<50	10	N	150	N	22
H42035R	N	20	N	<100	150	N	20	<200	200	N	21
H42045R	N	15	N	100	200	N	20	<200	100	N	21
H42055R	N	10	N	N	150	N	15	N	100	N	21
H42065R	N	15	N	<100	200	N	20	N	150	N	21
H42075R	N	15	N	<100	150	N	15	N	100	N	21
H42085R	N	10	N	<100	150	N	20	N	150	N	21
H42095R	N	7	N	N	100	N	10	N	500	N	21
H42105R	N	7	N	N	100	N	10	N	200	N	21
H42115R	N	10	N	N	100	N	15	N	150	N	21
H42125R	N	20	N	<100	150	<50	20	N	200	N	21
H42135R	N	10	N	N	100	N	10	N	200	N	21
H42145R	N	15	N	<100	150	N	20	N	200	N	21
H42165R	N	7	N	<100	100	N	15	N	100	N	21
H42175R	N	10	N	<100	100	<50	15	N	300	N	21
H42185R	N	7	N	<100	70	N	10	N	100	N	21
H42195R	N	5	N	<100	50	N	10	N	150	N	21
H42205R	N	5	N	<100	50	N	<10	N	70	N	21
H42215R	N	5	N	<100	50	N	<10	N	50	N	21
H42225R	N	5	N	<100	50	N	<10	N	50	N	21
H42235R	N	7	N	<100	70	N	10	N	100	N	21
H42245R	N	10	N	N	100	<50	10	N	200	N	21
H42255R	N	<5	N	N	50	<50	N	N	100	N	21
H42265R	N	5	N	N	50	<50	N	N	50	N	21
H42275R	N	7	N	N	70	<50	10	300	100	N	21
H42285R	N	10	N	N	150	<50	10	N	150	N	21
H42295R	N	5	N	N	50	<50	<10	N	150	N	21
H42305R	N	10	N	N	100	<50	10	N	200	N	21
H42315R	N	5	N	N	30	<50	<10	N	100	N	21
H42325R	N	7	N	N	50	<50	<10	N	100	N	21
H42335R	N	<5	N	N	30	<50	<10	<200	50	N	21

TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H4, 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
H42345R	10.00	1.00	.05	.500	100	N	N	N	200	200
H42355R	1.00	.10	.05	.050	10	N	N	N	50	50
H42365R	1.50	.20	.07	.100	100	N	N	N	70	100
H42375R	1.00	.20	.05	.050	20	N	N	N	50	70
H42385R	1.50	.50	.05	.150	20	N	N	N	70	150
H42395R	10.00	1.00	.10	.300	50	N	N	N	100	200
H42405R	3.00	.50	<.05	.200	30	N	N	N	100	100
H42415R	5.00	.70	.05	.200	50	N	N	N	100	150
H42425R	7.00	.70	.10	.500	70	N	N	N	200	500
H42435R	5.00	.50	<.05	.200	50	N	N	N	70	300
H42445R	5.00	1.00	<.05	.300	50	N	N	N	150	200
H42455R	5.00	.50	<.05	.200	50	N	N	N	100	200
H42465R	.50	.10	<.05	.050	10	N	N	N	100	150
H42475R	3.00	.50	<.05	.200	30	N	N	N	100	150
H42485R	3.00	.30	<.05	.200	30	N	N	N	100	100
H42495R	2.00	.50	.05	.200	20	N	N	N	100	200
H42505R	.70	.20	<.05	.150	20	N	N	N	50	150
H42515R	.70	.15	<.05	.100	20	N	N	N	50	50
H42525R	1.00	.10	<.05	.100	30	N	N	N	30	100
H42535R	1.00	.10	<.05	.100	20	N	N	N	30	100
H42545R	1.00	.15	<.05	.150	20	N	N	N	50	150
H42555R	1.00	.10	.05	.100	30	N	N	N	50	100
H42565R	.50	.10	<.05	.070	20	N	N	N	30	50
H42575R	1.00	.20	<.05	.200	20	N	N	N	50	150
H42585R	1.50	.20	.05	.150	50	N	N	N	50	150
H42595R	1.00	.20	.07	.100	15	N	N	N	50	150
H42605R	1.00	.15	.05	.100	15	N	N	N	30	70
H42615R	2.00	.30	.05	.150	50	N	N	N	70	300
H42625R	1.50	.30	<.05	.200	70	N	N	N	100	100
H42635R	7.00	.50	.05	.300	50	N	N	N	150	500
H42645R	.07	.02	N	.020	15	N	N	N	20	20
H42655R	.50	.10	N	.050	15	N	N	N	50	100
H42665R	1.50	.20	.05	.150	20	N	N	N	50	100
H42675R	2.00	.50	.05	.200	20	N	N	N	100	300
H42685R	1.00	.10	.05	.070	10	N	N	N	30	150
H42695R	5.00	.50	.15	.150	100	N	N	N	100	100
H42705R	.05	.05	<.05	.020	10	N	N	N	100	70
H42715R	.30	.10	.05	.030	20	N	N	N	100	70
H42725R	.15	.05	.05	.020	<10	N	N	N	70	70
H42735R	.20	.05	<.05	.030	<10	N	N	N	100	50
H42745R	.15	.03	<.05	.020	<10	N	N	N	100	30
H42755R	3.00	.50	.05	.200	20	N	N	N	150	150
H42765R	.20	.03	<.05	.030	10	N	N	N	50	20
H42775R	.20	.05	.05	.020	<10	N	N	N	50	50
H42785R	.30	.07	<.05	.050	<10	N	N	N	50	150

TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H4, 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
H42345R	2.0	N	N	15	150	150	N	50	<20	70	50
H42355R	N	N	N	N	10	5	N	7	N	10	N
H42365R	<1.0	N	N	N	15	5	N	30	N	10	N
H42375R	<1.0	N	N	N	15	10	N	15	N	10	N
H42385R	1.0	N	N	5	20	20	N	15	N	15	N
H42395R	2.0	N	N	15	70	70	N	100	N	50	30
H42405R	1.5	N	N	5	70	10	N	15	N	15	N
H42415R	2.0	N	N	10	100	20	<20	20	N	50	15
H42425R	2.0	N	N	15	200	30	<20	30	<20	100	15
H42435R	1.5	N	N	10	50	30	N	15	N	30	20
H42445R	1.5	N	N	10	100	50	N	30	N	50	20
H42455R	1.5	N	N	7	70	50	N	20	N	30	15
H42465R	<1.0	N	N	N	20	5	N	15	N	10	N
H42475R	1.5	N	N	5	100	15	N	20	N	20	N
H42485R	1.0	N	N	5	70	15	N	20	N	20	<10
H42495R	1.0	N	N	5	150	15	N	15	N	20	<10
H42505R	<1.0	N	N	N	20	10	N	20	N	15	N
H42515R	<1.0	N	N	N	20	7	N	10	N	15	N
H42525R	<1.0	N	N	5	100	10	N	15	N	20	N
H42535R	<1.0	N	N	<5	20	10	N	15	N	20	N
H42545R	1.0	N	N	<5	50	15	N	15	N	20	N
H42555R	<1.0	N	N	<5	30	10	N	10	N	20	N
H42565R	<1.0	N	N	5	20	5	N	7	N	15	N
H42575R	1.0	N	N	5	50	15	N	10	N	20	<10
H42585R	1.0	N	N	5	50	15	N	30	N	20	<10
H42595R	<1.0	N	N	<5	100	30	N	20	N	15	<10
H42605R	<1.0	N	N	<5	20	70	N	30	N	15	<10
H42615R	1.0	N	N	5	70	15	N	20	N	20	<10
H42625R	1.5	N	N	10	100	20	N	10	N	20	<10
H42635R	1.5	N	N	10	100	30	N	20	N	30	15
H42645R	<1.0	N	N	N	<10	<5	N	<5	N	5	N
H42655R	<1.0	N	N	N	15	5	N	20	N	10	N
H42665R	1.0	N	N	5	20	7	N	30	N	20	N
H42675R	1.5	N	N	7	100	20	N	20	N	20	20
H42685R	N	N	N	N	<10	10	N	15	N	10	<10
H42695R	1.0	N	N	5	50	20	N	100	N	30	15
H42705R	N	N	N	N	<10	<5	N	7	N	7	N
H42715R	N	N	N	N	20	<5	N	10	N	10	N
H42725R	N	N	N	N	<10	<5	N	5	N	10	N
H42735R	N	N	N	N	15	<5	N	<5	N	10	N
H42745R	N	N	N	N	10	<5	N	<5	N	15	N
H42755R	1.0	N	N	5	100	20	N	15	N	30	10
H42765R	N	N	N	<5	10	5	N	7	N	10	N
H42775R	N	N	N	N	10	5	N	10	N	20	<10
H42785R	N	N	N	<5	10	7	N	20	N	15	<10

TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H4, 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
H42345R	N	10	N	N	150	N	10	<200	100	N	21
H42355R	N	N	N	N	20	<50	N	N	20	N	21
H42365R	N	<5	N	N	50	<50	N	N	100	N	21
H42375R	N	N	N	N	30	<50	N	N	50	N	21
H42385R	N	<5	N	N	50	<50	N	N	50	N	21
H42395R	N	10	N	N	100	<50	10	N	100	N	21
H42405R	N	7	N	N	100	<50	15	N	100	N	21
H42415R	N	10	N	N	150	<50	15	N	200	N	21
H42425R	N	10	N	N	150	<50	20	N	150	N	21
H42435R	N	7	N	N	100	<50	10	N	100	N	21
H42445R	N	10	N	N	100	50	10	N	100	N	21
H42455R	N	7	N	N	100	<50	10	N	150	N	21
H42465R	N	N	N	N	20	<50	N	N	20	N	21
H42475R	N	7	N	N	100	<50	<10	N	50	N	21
H42485R	N	7	N	N	100	<50	10	300	100	N	21
H42495R	N	10	N	N	150	<50	10	N	100	N	21
H42505R	N	<5	N	N	30	<50	N	N	100	N	21
H42515R	N	N	N	N	30	<50	N	N	100	N	21
H42525R	N	<5	N	N	50	50	N	N	100	N	21
H42535R	N	<5	N	N	30	<50	<10	N	100	N	21
H42545R	N	5	N	N	70	<50	<10	N	150	N	21
H42555R	N	<5	N	N	50	50	<10	N	50	N	21
H42565R	N	N	N	N	30	<50	N	N	30	N	21
H42575R	N	7	N	N	50	<50	10	N	100	N	21
H42585R	N	7	N	N	50	<50	10	N	100	N	21
H42595R	N	5	N	N	30	<50	<10	N	150	N	21
H42605R	N	<5	N	N	30	50	N	N	150	N	21
H42615R	N	7	N	N	50	<50	15	500	100	N	21
H42625R	N	10	N	N	100	<50	15	500	100	N	21
H42635R	N	10	N	700	100	<50	15	<200	100	N	20
H42645R	N	N	N	N	20	<50	N	N	50	N	20
H42655R	N	N	N	N	30	<50	N	N	100	N	20
H42665R	N	5	N	N	50	50	N	N	100	N	20
H42675R	N	10	N	N	100	70	10	N	200	N	20
H42685R	N	N	N	N	15	<50	N	N	50	N	20
H42695R	N	5	N	N	50	50	10	N	100	N	20
H42705R	N	N	N	N	15	<50	N	N	<10	N	20
H42715R	N	N	N	N	15	<50	N	N	20	N	20
H42725R	N	N	N	N	15	<50	N	N	<10	N	20
H42735R	N	N	N	N	20	<50	N	N	<10	N	20
H42745R	N	N	N	N	20	<50	N	N	N	N	20
H42755R	N	7	N	N	100	<50	10	N	50	N	20
H42765R	N	N	N	N	20	<50	N	N	10	N	20
H42775R	N	N	N	N	30	<50	N	N	<10	N	20
H42785R	N	N	N	N	30	<50	N	N	<10	N	20

TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H4, HARRISON 1 X 2 QUADRANGLE, MISSOURI AND ARKANSAS.--Continued

Sample	Fe-pct.	Mg-pct.	Ca-pct.	Ti-pct.	Mn-ppm	Ag-ppm	As-ppm	Au-ppm	B-ppm	Ba-ppm
	s	s	s	s	s	s	s	s	s	s
H42795R	.20	.03	.05	.030	<10	N	N	N	30	50
H42805R	.30	.05	.05	.020	10	N	N	N	50	50
H42815R	3.00	.07	.07	.030	15	N	N	N	50	50
H42825R	.70	.05	.05	.020	<10	N	N	N	50	20
H42835R	1.50	1.00	<.05	.050	10	N	N	N	50	70
H42845R	1.00	.20	.30	.050	30	N	N	N	50	70
H42855R	.20	.05	.05	.030	<10	N	N	N	50	50
H42865R	1.00	.20	.07	.100	10	N	N	N	50	100
H42875R	.70	.15	.05	.100	10	N	N	N	30	200
H42885R	.20	.05	<.05	.050	10	N	N	N	50	150
H42895R	.30	.07	.05	.050	<10	N	N	N	50	50
H42905R	1.00	.05	.05	.020	10	N	N	N	50	20
H42915R	20.00	.07	.05	.050	50	N	700	N	100	50
H42925R	10.00	.10	.05	.050	50	N	200	N	50	100
H42935R	15.00	.05	<.05	.050	50	N	200	N	70	50
H42945R	20.00	.07	.05	.050	30	N	500	N	100	50
H42955R	10.00	.10	.05	.070	20	N	300	N	100	100
H42965R	20.00	.10	.05	.050	50	N	300	N	100	100
H42975R	15.00	.03	<.05	.020	50	N	300	N	50	70
H42985R	20.00	.20	.07	.100	70	.5	500	N	100	100
H42995R	>20.00	.02	<.05	.020	70	.5	1,000	N	100	100
H43005R	>20.00	.05	<.05	.020	70	.7	1,000	N	100	100
H43015R	7.00	.10	.07	.050	20	N	<200	N	50	70
H43025R	20.00	.20	.05	.050	50	.7	1,000	N	100	100
H43035R	20.00	.02	<.05	.020	50	.5	500	N	70	50
H43045R	10.00	.02	.05	.010	20	N	1,000	N	70	30
H43055R	5.00	.02	<.05	.015	15	N	<200	N	70	50
H43075R	.30	<.02	<.05	.010	<10	N	<200	N	10	N
H43095R	.20	.02	<.05	.010	10	N	N	N	10	<20
H43105R	.30	<.02	<.05	.010	<10	N	N	N	15	N
H43115R	.50	.02	<.05	.015	<10	N	N	N	10	30
H43125R	.15	.02	<.05	.010	<10	N	N	N	10	<20
H43135R	.30	.05	<.05	.030	<10	N	N	N	10	30
H43145R	.10	<.02	<.05	.005	<10	N	N	N	10	20
H43155R	.30	.02	<.05	.010	<10	N	N	N	10	50
H43165R	.20	.03	<.05	.030	<10	N	N	N	20	30
H43175R	.50	.03	<.05	.020	<10	N	N	N	50	30
H43185R	.70	.07	.05	.050	<10	N	N	N	100	70
H43195R	.70	.02	<.05	.010	<10	N	N	N	20	20
H43205R	.50	.03	.07	.020	<10	N	N	N	15	70
H43215R	>20.00	.05	<.05	.020	50	.7	700	N	100	50
H43225R	7.00	.15	.05	.150	50	N	200	N	70	150
H43235R	20.00	.07	.05	.050	20	<.5	700	N	150	50
H43245R	>20.00	.05	<.05	.030	20	.5	1,000	N	200	50
H43255R	10.00	.20	.05	.150	20	N	300	N	100	100

TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H4, 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
H42795R	N	N	N	N	10	7	N	10	N	10	N
H42805R	N	N	N	N	10	5	N	10	N	10	N
H42815R	N	N	N	N	10	10	N	15	N	10	10
H42825R	N	N	N	N	<10	5	N	<5	N	10	N
H42835R	N	N	N	N	50	20	N	10	N	10	<10
H42845R	N	N	N	N	20	15	N	20	N	20	10
H42855R	N	N	N	N	10	7	N	5	N	15	<10
H42865R	N	N	N	5	20	20	N	15	N	20	10
H42875R	N	N	N	5	20	70	N	50	N	30	10
H42885R	N	N	N	<5	15	50	N	10	N	20	<10
H42895R	N	N	N	N	20	5	N	15	N	20	N
H42905R	N	N	N	N	15	10	N	10	N	20	10
H42915R	N	N	N	<5	10	100	N	70	N	50	100
H42925R	<1.0	N	N	5	20	50	N	50	N	20	20
H42935R	N	N	N	N	10	30	N	50	N	20	50
H42945R	N	N	N	N	10	70	N	50	N	20	50
H42955R	N	N	N	<5	15	50	N	30	N	20	50
H42965R	<1.0	N	N	N	15	70	N	50	N	20	70
H42975R	N	N	N	N	10	50	N	20	N	20	70
H42985R	<1.0	N	N	<5	50	100	N	30	N	20	100
H42995R	N	N	N	5	N	150	N	100	N	50	100
H43005R	N	N	N	7	N	150	N	200	N	50	100
H43015R	N	N	N	N	15	50	N	50	N	20	70
H43025R	<1.0	N	N	10	N	100	N	100	N	70	100
H43035R	N	N	N	5	N	70	N	100	N	30	100
H43045R	N	N	N	N	<10	100	N	30	N	20	100
H43055R	N	N	N	N	<10	30	N	7	N	7	20
H43075R	N	N	N	N	<10	<5	N	N	N	7	N
H43095R	N	N	N	N	<10	<5	N	N	N	5	N
H43105R	N	N	N	N	<10	<5	N	N	N	5	N
H43115R	N	N	N	N	<10	<5	N	N	N	5	N
H43125R	N	N	N	N	<10	<5	N	N	N	5	N
H43135R	N	N	N	N	<10	<5	N	N	N	7	N
H43145R	N	N	N	N	<10	<5	N	N	N	5	N
H43155R	N	N	N	N	<10	<5	N	N	N	7	N
H43165R	N	N	N	N	<10	<5	N	N	N	7	N
H43175R	N	N	N	N	<10	<5	N	<5	N	7	N
H43185R	N	N	N	N	<10	<5	N	5	N	7	N
H43195R	N	N	N	N	10	7	N	5	N	7	N
H43205R	N	N	N	N	<10	5	N	7	N	7	N
H43215R	<1.0	N	N	10	<10	5	N	20	N	50	150
H43225R	1.0	N	N	7	20	100	N	30	N	30	50
H43235R	<1.0	N	N	20	<10	50	N	200	N	100	70
H43245R	N	N	N	30	<10	100	N	200	N	150	100
H43255R	1.5	N	N	15	20	100	N	50	N	100	50

TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H4, 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
H42795R	N	N	N	N	15	<50	N	N	10	N	20
H42805R	N	N	N	N	15	<50	N	N	100	N	20
H42815R	N	N	N	N	15	<50	N	N	100	N	20
H42825R	N	N	N	N	15	<50	N	N	10	N	20
H42835R	N	N	N	N	30	<50	N	N	10	N	20
H42845R	N	N	N	N	30	<50	N	N	10	N	20
H42855R	N	N	N	N	20	<50	N	N	<10	N	20
H42865R	N	<5	N	N	100	<50	N	N	30	N	20
H42875R	N	N	N	N	200	<50	N	N	20	N	20
H42885R	N	N	N	N	20	<50	N	N	<10	N	20
H42895R	N	N	N	N	20	<50	N	N	<10	N	20
H42905R	N	N	N	N	20	<50	N	N	N	N	20
H42915R	N	<5	N	N	50	<50	N	N	10	N	20
H42925R	N	5	N	N	50	<50	N	N	50	N	20
H42935R	N	N	N	N	30	<50	N	N	N	N	20
H42945R	N	N	N	N	30	<50	N	N	10	N	20
H42955R	N	5	N	N	50	<50	N	N	20	N	20
H42965R	N	5	N	N	30	<50	N	N	15	N	20
H42975R	N	N	N	N	15	<50	N	N	N	N	20
H42985R	N	5	N	N	50	<50	N	N	30	N	20
H42995R	N	N	N	N	15	<50	10	<200	N	N	20
H43005R	N	N	N	N	15	<50	<10	N	N	N	20
H43015R	N	N	N	N	20	<50	N	N	15	N	20
H43025R	N	5	N	N	20	<50	<10	N	100	N	20
H43035R	N	N	N	N	15	<50	N	N	N	N	20
H43045R	N	N	N	N	10	<50	N	<200	N	N	20
H43055R	N	N	N	N	10	<50	N	N	N	N	20
H43075R	N	N	N	N	15	<50	N	N	100	N	19
H43095R	N	N	N	N	15	<50	N	N	50	N	19
H43105R	N	N	N	N	15	<50	N	N	70	N	19
H43115R	N	N	N	N	15	100	N	N	50	N	19
H43125R	N	N	N	N	15	<50	N	N	100	N	19
H43135R	N	N	N	N	20	<50	N	N	100	N	19
H43145R	N	N	N	N	10	50	N	N	50	N	19
H43155R	N	N	N	N	15	100	N	N	30	N	19
H43165R	N	N	N	N	20	<50	N	N	50	N	19
H43175R	N	N	N	N	20	<50	N	N	150	N	19
H43185R	N	N	N	N	50	<50	N	N	20	N	19
H43195R	N	N	N	N	20	<50	N	N	50	N	19
H43205R	N	N	N	N	20	<50	N	N	10	N	19
H43215R	N	N	N	N	20	<50	N	N	<10	N	19
H43225R	N	5	N	N	50	70	10	N	150	N	19
H43235R	N	<5	N	N	30	<50	N	N	20	N	19
H43245R	N	<5	N	N	30	<50	N	N	15	N	19
H43255R	N	5	N	N	50	200	N	N	100	N	19

TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H4, HARRISON 1 X 2 QUADRANGLE, MISSOURI AND ARKANSAS.--Continued

Sample	Fe-pct.	Mg-pct.	Ca-pct.	Ti-pct.	Mn-ppm	Ag-ppm	As-ppm	Au-ppm	B-ppm	Ba-ppm
	s	s	s	s	s	s	s	s	s	s
H43265R	10.00	.02	<.05	.010	20	N	700	N	50	20
H43275R	15.00	.50	.07	.200	30	1.0	200	N	150	500

TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H4, 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
H43265R	N	N	N	5	<10	50	N	70	N	30	50
H43275R	1.0	N	N	10	50	70	N	30	N	70	100

TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H4, 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
H43265R	N	N	N	N	10	100	N	N	N	N	19
H43275R	N	10	N	N	100	300	10	N	100	N	19

TABLE 2.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H5, 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
H5R0050	.05	<.02	1.50	.007	15	N	N	N	50	20
H5R0100	2.00	.70	.05	.700	50	<.5	N	N	150	150
H5R0130	.05	<.02	1.00	.007	<10	N	N	N	50	20
H5R0160	.05	<.02	1.50	.002	<10	N	N	N	50	20
H5R0190	.10	<.02	.20	.007	<10	N	N	N	50	20
H5R0240	.30	.03	2.00	.015	20	N	N	N	50	30
H5R0260	.30	.02	.70	.010	10	N	N	N	50	30
H5R0340	.20	.07	.70	.020	20	N	N	N	70	50
H5R0440	1.00	.20	.70	.100	30	N	N	N	100	100
H5R0500	.10	.07	<.05	.030	<10	N	N	N	30	30
H5R0600	.30	.10	<.05	.100	10	N	N	N	50	50
H5R0700	.70	.15	<.05	.200	10	N	N	N	70	200
H5R0800	1.00	.20	<.05	.100	10	N	N	N	70	300
H5R0900	1.50	.70	<.05	.200	50	N	N	N	150	150
H5R1000	2.00	1.00	<.05	.300	70	N	N	N	150	200
H5R1100	1.00	.20	<.05	.150	<10	N	N	N	100	150
H5R1200	1.50	.30	<.05	.200	15	N	N	N	100	700
H5R1300	1.00	.30	<.05	.300	20	N	N	N	70	300
H5R1400	1.50	.50	.05	.300	15	N	N	N	70	150
H5R1500	1.50	.70	.10	.300	20	N	N	N	100	200
H5R1600	1.50	.30	.05	.150	15	N	N	N	70	100
H5R1700	1.00	.30	.05	.150	10	N	N	N	70	100
H5R1800	.50	.07	<.05	.050	10	N	N	N	50	50
H5R1900	.50	.10	<.05	.070	<10	N	N	N	50	300
H5R2000	1.00	.30	<.05	.100	10	N	N	N	50	100
H5R2100	.20	.03	<.05	.020	N	N	N	N	50	30
H5R2200	.70	.07	<.05	.050	<10	N	N	N	50	70
H5R2300	1.00	.07	<.05	.070	<10	N	N	N	50	50
H5R2400	.50	.15	<.05	.100	<10	N	N	N	50	30
H5R2500	.20	.05	<.05	.015	N	N	N	N	10	20

TABLE 2.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H5, 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
H5R0050	N	N	N	N	N	N	N	N	N	N	N
H5R0100	1.5	N	N	10	150	20	50	5	<20	70	15
H5R0130	N	N	N	N	N	N	N	N	N	N	N
H5R0160	N	N	N	N	N	<5	N	N	N	<5	N
H5R0190	N	N	N	N	N	N	N	N	N	5	N
H5R0240	N	N	N	<5	N	<5	N	N	N	70	N
H5R0260	N	N	N	<5	N	5	N	N	N	10	N
H5R0340	N	N	N	5	N	<5	N	N	N	15	N
H5R0440	1.0	N	N	5	10	7	N	N	N	20	N
H5R0500	N	N	N	N	N	N	N	N	N	N	70
H5R0600	<1.0	N	N	N	20	15	N	N	N	<5	N
H5R0700	<1.0	N	N	N	30	200	N	N	N	5	150
H5R0800	<1.0	N	N	5	20	30	N	5	N	10	N
H5R0900	1.5	N	N	10	50	100	20	10	N	20	20
H5R1000	2.0	N	N	15	70	50	20	20	<20	30	30
H5R1100	<1.0	N	N	5	15	10	N	7	N	10	N
H5R1200	<1.0	N	N	5	20	15	N	10	N	15	10
H5R1300	<1.0	N	N	5	30	30	N	10	N	15	15
H5R1400	1.0	N	N	7	20	20	N	15	N	15	10
H5R1500	1.0	N	N	7	30	20	N	20	N	20	15
H5R1600	<1.0	N	N	5	20	15	N	7	N	15	10
H5R1700	<1.0	N	N	5	20	10	N	7	N	15	10
H5R1800	N	N	N	N	N	<5	N	5	N	10	N
H5R1900	N	N	N	5	15	5	N	N	N	15	N
H5R2000	N	N	N	5	15	10	N	15	N	20	15
H5R2100	N	N	N	10	N	<5	N	N	N	7	N
H5R2200	N	N	N	5	10	20	N	15	N	10	10
H5R2300	N	N	N	N	10	30	N	20	N	10	30
H5R2400	N	N	N	N	15	5	N	N	N	7	N
H5R2500	N	N	N	N	N	7	N	N	N	<5	N

TABLE 2.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H5, 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
H5R0050	N	N	N	N	<10	<50	N	N	N	N	31
H5R0100	N	10	N	N	100	<50	20	N	500	N	31
H5R0130	N	N	N	N	<10	<50	N	N	N	N	31
H5R0160	N	N	N	N	<10	<50	N	N	N	N	31
H5R0190	N	N	N	N	<10	<50	N	N	N	N	31
H5R0240	N	N	N	N	<10	<50	N	N	N	N	31
H5R0260	N	N	N	N	<10	<50	N	1,500	N	N	31
H5R0340	N	N	N	N	10	<50	N	N	10	N	31
H5R0440	N	<5	N	N	50	<50	N	N	50	N	31
H5R0500	N	N	N	N	10	<50	N	N	70	N	24
H5R0600	N	N	N	N	30	<50	N	N	100	N	23
H5R0700	N	<5	N	N	50	50	N	N	150	N	23
H5R0800	N	N	N	N	30	<50	N	N	100	N	23
H5R0900	N	<5	N	N	50	<50	N	N	70	N	22
H5R1000	N	7	N	N	70	<50	N	N	100	N	22
H5R1100	N	N	N	300	20	<50	N	N	70	N	39
H5R1200	N	N	N	N	30	<50	N	200	200	N	39
H5R1300	N	<5	N	100	30	<50	N	N	300	N	39
H5R1400	N	<5	N	N	30	<50	N	N	200	N	39
H5R1500	N	<5	N	N	50	<50	N	200	150	N	39
H5R1600	N	N	N	N	30	<50	N	N	70	N	39
H5R1700	N	N	N	N	30	<50	N	N	70	N	39
H5R1800	N	N	N	N	<10	<50	N	N	30	N	19
H5R1900	N	N	N	N	20	<50	N	N	100	N	19
H5R2000	N	N	N	N	30	<50	N	N	70	N	19
H5R2100	N	N	N	N	<10	150	N	N	N	N	18
H5R2200	N	N	N	N	15	<50	N	N	70	N	18
H5R2300	N	N	N	N	15	100	N	N	100	N	18
H5R2400	N	N	N	N	70	50	N	N	50	N	18
H5R2500	N	N	N	N	<10	50	N	N	30	N	17

TABLE 3.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H6, 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.	Mg-pct.	Ca-pct.	Ti-pct.	Mn-ppm	Ag-ppm	As-ppm	Au-ppm	B-ppm	Ba-ppm
	s	s	s	s	s	s	s	s	s	s
H6R0010	.20	.05	<.05	.030	300	N	N	N	70	20
H6R0015	.15	.05	.05	.020	30	N	N	N	100	70
H6R0025	.20	.05	.15	.030	30	N	N	N	100	30
H6R0035	.20	.02	.15	.020	50	N	N	N	100	20
H6R0045	.10	.02	.10	.015	15	N	N	N	100	50
H6R0055	.05	.02	.20	.002	<10	N	N	N	100	50
H6R0065	.07	.02	.50	.005	100	N	N	N	100	30
H6R0075	.05	.02	.30	.003	<10	N	N	N	100	50
H6R0085	.10	.02	.20	.002	<10	N	N	N	100	50
H6R0095	<.05	<.02	.05	<.002	<10	N	N	N	100	20
H6R0105	.05	.02	.20	.005	<10	N	N	N	100	50
H6R0115	.15	.05	.50	.007	<10	N	N	N	70	30
H6R0125	<.05	.02	.50	.005	<10	N	N	N	100	30
H6R0135	.10	.05	.50	.007	20	N	N	N	100	50
H6R0145	.15	.02	.70	.005	15	N	N	N	100	30
H6R0155	.10	.10	1.00	.015	20	N	N	N	100	70
H6R0165	.15	.50	1.00	.020	30	N	N	N	100	50
H6R0175	.20	.20	.70	.015	20	N	N	N	100	30
H6R0185	.10	.10	.70	.015	15	N	N	N	100	50
H6R0195	.15	.20	.50	.020	15	N	N	N	100	50
H6R0205	<.05	.02	.50	.003	<10	N	N	N	50	50
H6R0215	.10	.03	.50	.005	<10	N	N	N	50	50
H6R0225	.05	.02	1.00	.005	15	N	N	N	50	30
H6R0235	<.05	.05	2.00	.002	15	N	N	N	70	20
H6R0245	.10	.10	1.00	.010	15	N	N	N	50	20
H6R0255	1.00	.50	1.50	.150	50	N	N	N	100	50
H6R0265	2.00	1.50	.70	.500	70	N	N	N	200	200
H6R0275	1.50	1.00	.50	.500	50	N	N	N	150	200
H6R0285	1.50	1.00	.70	.500	50	N	N	N	150	200
H6R0295	7.00	.50	.10	.300	30	N	N	N	100	200
H6R0305	1.00	.07	.05	.015	10	N	N	N	20	20
H6R0315	.07	.02	.05	.010	<10	N	N	N	10	20
H6R0325	.05	.02	.05	.010	<10	N	N	N	10	50
H6R0335	.10	.05	.05	.010	<10	N	N	N	50	20
H6R0345	.07	.03	.10	.010	<10	N	N	N	30	50
H6R0355	.10	<.02	.15	.002	<10	N	N	N	20	<20
H6R0365	.05	<.02	.20	.005	<10	N	N	N	20	50
H6R0375	.20	.05	<.05	.020	<10	N	N	N	20	30
H6R0385	<.05	.02	<.05	.005	<10	N	N	N	10	<20
H6R0395	.15	.30	.10	.100	10	N	N	N	50	100
H6R0405	.10	.03	<.05	.020	<10	N	N	N	20	<20
H6R0415	.20	.15	.05	.050	<10	N	N	N	50	20
H6R0425	3.00	.70	<.05	.200	15	N	N	N	100	200
H6R0435	5.00	.70	.07	.200	15	.5	N	N	100	200
H6R0445	2.00	.70	.05	.200	20	N	N	N	70	200

TABLE 3.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H6, 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
H6R0010	<1.0	N	N	20	20	<5	N	N	N	10	N
H6R0015	<1.0	N	N	N	20	<5	N	N	N	10	N
H6R0025	<1.0	N	N	N	20	<5	N	N	N	10	N
H6R0035	N	N	N	N	20	<5	N	N	N	7	N
H6R0045	N	N	N	N	20	<5	N	N	N	7	N
H6R0055	N	N	N	N	15	<5	N	N	N	7	N
H6R0065	N	N	N	N	15	<5	N	N	N	10	N
H6R0075	N	N	N	N	20	<5	N	N	N	10	N
H6R0085	N	N	N	N	15	<5	N	N	N	10	N
H6R0095	N	N	N	N	20	<5	N	N	N	10	N
H6R0105	N	N	N	N	20	<5	N	N	N	70	N
H6R0115	N	N	N	N	15	<5	N	N	N	20	N
H6R0125	N	N	N	N	20	<5	N	N	N	10	N
H6R0135	N	N	N	N	20	<5	N	N	N	20	N
H6R0145	N	N	N	5	20	5	N	N	N	20	N
H6R0155	N	N	N	10	20	<5	N	N	N	20	N
H6R0165	N	N	N	30	20	5	N	N	N	50	N
H6R0175	N	N	N	15	15	<5	N	N	N	70	N
H6R0185	N	N	N	10	15	<5	N	N	N	20	N
H6R0195	N	N	N	7	15	<5	N	N	N	50	N
H6R0205	N	N	N	N	15	<5	N	N	N	20	N
H6R0215	N	N	N	N	15	<5	N	N	N	15	N
H6R0225	N	N	N	N	15	5	N	N	N	10	N
H6R0235	N	N	N	N	<10	10	N	N	N	7	N
H6R0245	N	N	N	N	<10	30	N	N	N	20	N
H6R0255	1.0	N	N	10	20	5	N	<5	N	100	N
H6R0265	2.0	N	N	20	70	15	50	N	<20	150	N
H6R0275	2.0	N	N	20	50	10	50	N	<20	100	N
H6R0285	2.0	N	N	15	70	10	50	N	N	70	N
H6R0295	2.0	N	N	20	100	50	N	15	<20	100	20
H6R0305	N	N	N	N	10	10	N	5	N	10	N
H6R0315	N	N	N	N	10	<5	N	N	N	10	N
H6R0325	N	N	N	N	20	<5	N	N	N	7	N
H6R0335	N	N	N	N	<10	<5	N	N	N	10	N
H6R0345	N	N	150	N	<10	10	N	N	N	10	N
H6R0355	N	N	>500	N	<10	500	N	N	N	10	N
H6R0365	N	N	50	N	15	200	N	N	N	7	N
H6R0375	N	N	200	N	<10	100	N	N	N	7	N
H6R0385	N	N	200	N	<10	70	N	N	N	10	N
H6R0395	<1.0	N	200	N	20	200	N	N	N	10	N
H6R0405	N	N	N	N	15	7	N	<5	N	7	N
H6R0415	<1.0	N	N	N	15	5	N	N	N	7	N
H6R0425	1.0	N	N	10	50	20	N	20	N	10	15
H6R0435	1.0	N	N	15	50	100	N	15	N	100	20
H6R0445	1.0	N	N	5	50	20	N	10	N	20	10

TABLE 3.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H6, 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
H6R0010	N	N	N	N	20	<50	N	N	10	N	31
H6R0015	N	N	N	N	15	<50	N	N	<10	N	31
H6R0025	N	N	N	N	20	<50	N	N	<10	N	31
H6R0035	N	N	N	N	15	<50	N	N	N	N	31
H6R0045	N	N	N	N	10	<50	N	N	N	N	31
H6R0055	N	N	N	N	10	<50	N	N	N	N	31
H6R0065	N	N	N	N	10	<50	N	N	N	N	31
H6R0075	N	N	N	N	10	<50	N	N	N	N	31
H6R0085	N	N	N	N	10	<50	N	1,500	N	N	31
H6R0095	N	N	N	N	10	<50	N	200	N	N	31
H6R0105	N	N	N	N	10	<50	N	<200	N	N	31
H6R0115	N	N	N	N	10	<50	N	N	N	N	31
H6R0125	N	N	N	N	10	<50	N	<200	N	N	31
H6R0135	N	N	N	N	15	<50	N	N	N	N	31
H6R0145	N	N	N	N	10	<50	N	200	N	N	31
H6R0155	N	N	N	N	20	<50	N	N	N	N	31
H6R0165	N	N	N	N	20	<50	N	N	N	N	31
H6R0175	N	N	N	N	30	<50	N	<200	N	N	31
H6R0185	N	N	N	N	15	<50	N	200	N	N	31
H6R0195	N	N	N	N	20	<50	N	<200	N	N	31
H6R0205	N	N	N	N	10	<50	N	N	N	N	31
H6R0215	N	N	N	N	10	<50	N	N	N	N	31
H6R0225	N	N	N	N	15	<50	N	N	N	N	31
H6R0235	N	N	N	N	10	<50	N	N	N	N	31
H6R0245	N	N	N	N	10	<50	N	N	N	N	31
H6R0255	N	5	N	N	50	<50	N	N	50	N	31
H6R0265	N	15	N	N	150	<50	15	N	200	N	31
H6R0275	N	10	N	N	150	<50	15	N	150	N	31
H6R0285	N	10	N	N	100	<50	20	N	100	N	31
H6R0295	N	10	N	N	300	<50	20	500	150	N	30
H6R0305	N	N	N	N	20	<50	N	300	50	N	42
H6R0315	N	N	N	N	<10	<50	N	N	50	N	42
H6R0325	N	N	N	N	<10	<50	N	N	100	N	42
H6R0335	N	N	N	N	15	<50	N	N	30	N	42
H6R0345	N	N	N	N	10	<50	N	>10,000	50	N	42
H6R0355	N	N	N	N	10	<50	N	>10,000	10	N	42
H6R0365	N	N	N	N	<10	<50	N	>10,000	20	N	42
H6R0375	N	N	N	N	15	<50	N	>10,000	20	N	42
H6R0385	N	N	N	N	<10	<50	N	>10,000	15	N	42
H6R0395	N	N	N	N	20	<50	N	>10,000	100	N	42
H6R0405	N	N	N	N	10	<50	N	2,000	50	N	42
H6R0415	N	N	N	N	30	<50	N	1,000	50	N	42
H6R0425	N	5	N	N	200	<50	N	2,000	150	N	42
H6R0435	N	5	N	N	150	<50	N	N	150	N	42
H6R0445	N	<5	N	N	150	<50	N	7,000	100	N	42

TABLE 3.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H6, 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
H6R0455	3.00	.50	.20	.150	50	N	N	N	100	200
H6R0465	1.00	.50	.05	.200	10	N	N	N	100	200
H6R0475	1.00	.50	.70	.150	10	N	N	N	100	150
H6R0485	.20	.05	<.05	.015	<10	N	N	N	10	20
H6R0495	.50	.50	.10	.200	10	N	N	N	100	200
H6R0505	7.00	1.00	.15	.200	15	N	N	N	200	200
H6R0515	.10	.10	<.05	.030	<10	N	N	N	100	100
H6R0525	2.00	1.00	<.05	.200	20	N	N	N	200	300
H6R0535	2.00	1.00	<.05	.200	20	N	N	N	200	300
H6R0545	1.50	.70	<.05	.200	15	N	N	N	200	300
H6R0555	1.50	1.00	<.05	.300	20	N	N	N	200	300
H6R0565	2.00	1.00	<.05	.200	15	N	N	N	200	300
H6R0575	2.00	.50	<.05	.150	10	N	N	N	100	150
H6R0585	3.00	1.00	<.05	.300	20	N	N	N	150	300
H6R0595	5.00	.50	.05	.150	15	N	N	N	100	150
H6R0605	5.00	.70	<.05	.200	20	N	N	N	150	300
H6R0615	2.00	.70	.05	.300	30	N	N	N	200	300
H6R0625	1.00	.50	.05	.200	10	N	N	N	100	150
H6R0635	7.00	.70	<.05	.200	20	N	N	N	200	200
H6R0645	2.00	.50	<.05	.200	15	N	N	N	150	500
H6R0655	3.00	.70	.05	.300	20	N	N	N	200	200
H6R0665	3.00	.70	.05	.200	15	N	N	N	150	200
H6R0675	1.50	.50	.05	.200	15	N	N	N	100	200
H6R0685	2.00	1.00	<.05	.300	20	N	N	N	100	300
H6R0695	2.00	.70	<.05	.200	20	N	N	N	150	200
H6R0705	2.00	.50	<.05	.200	15	N	N	N	150	200
H6R0715	3.00	1.00	.05	.200	30	N	N	N	150	200
H6R0725	1.50	.50	<.05	.150	15	N	N	N	100	150
H6R0735	.20	.20	.05	.100	<10	N	N	N	50	100
H6R0745	.15	.15	.05	.100	<10	N	N	N	100	100
H6R0755	1.00	.20	.05	.100	<10	N	N	N	100	150
H6R0765	2.00	.30	.05	.100	<10	N	N	N	100	150
H6R0775	2.00	.20	.05	.150	<10	N	N	N	100	100
H6R0785	3.00	.70	.05	.300	20	N	N	N	100	150
H6R0795	5.00	.70	.05	.300	20	N	N	N	100	150
H6R0805	.20	.10	.07	.050	<10	N	N	N	50	100
H6R0815	.10	.05	<.05	.020	<10	N	N	N	50	30
H6R0825	.50	.15	<.05	.150	<10	N	N	N	50	150
H6R0830	1.00	.30	.05	.200	<10	N	N	N	50	200
H6R0835	.50	.07	.05	.020	<10	N	N	N	50	20
H6R0845	.15	.07	<.05	.050	<10	N	N	N	30	200
H6R0855	5.00	.20	.05	.200	20	N	N	N	100	100
H6R0865	3.00	.50	<.05	.200	20	N	N	N	100	300
H6R0875	1.00	.07	<.05	.100	<10	N	N	N	20	50
H6R0885	.20	.10	.07	.070	20	N	N	N	100	50

TABLE 3.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H6, 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
H6R0455	1.0	N	N	10	50	70	N	10	N	70	20
H6R0465	1.0	N	N	7	20	50	N	10	N	20	15
H6R0475	1.0	N	N	5	20	15	N	15	N	20	10
H6R0485	N	N	N	N	<10	10	N	N	N	7	N
H6R0495	1.0	N	N	N	50	15	N	7	N	10	N
H6R0505	1.5	N	N	20	100	100	N	30	N	100	30
H6R0515	N	N	N	N	15	5	N	10	N	7	N
H6R0525	1.5	N	N	10	50	20	N	15	N	20	20
H6R0535	1.5	N	N	15	70	20	N	20	N	50	30
H6R0545	1.5	N	N	<5	50	30	N	7	N	15	15
H6R0555	1.5	N	N	5	100	30	N	7	N	20	10
H6R0565	1.5	N	N	10	50	30	N	7	N	20	15
H6R0575	1.0	N	N	10	30	30	N	30	N	30	20
H6R0585	1.5	N	N	15	70	100	N	20	N	50	20
H6R0595	1.0	N	N	10	20	50	N	150	N	50	30
H6R0605	1.5	N	N	15	50	100	N	20	N	50	20
H6R0615	1.5	N	N	15	70	100	N	15	N	50	20
H6R0625	1.0	N	N	5	20	15	N	15	N	20	10
H6R0635	1.5	N	N	20	50	70	N	20	N	70	30
H6R0645	1.0	N	N	10	50	50	N	15	N	20	30
H6R0655	1.0	N	N	15	50	50	N	20	N	30	20
H6R0665	1.0	N	N	15	30	100	N	15	N	30	30
H6R0675	1.0	N	N	5	20	50	N	10	N	20	<10
H6R0685	1.0	N	N	10	50	50	N	20	N	30	15
H6R0695	1.5	N	N	7	50	50	N	20	N	20	20
H6R0705	1.0	N	N	7	50	50	N	30	N	20	30
H6R0715	1.5	N	N	15	70	50	N	30	N	50	20
H6R0725	1.0	N	N	7	50	30	N	20	N	20	15
H6R0735	N	N	N	N	20	5	N	10	N	10	N
H6R0745	N	N	N	N	20	<5	N	10	N	10	N
H6R0755	<1.0	N	N	<5	20	15	N	15	N	15	N
H6R0765	1.0	N	N	5	20	30	N	15	N	20	<10
H6R0775	1.0	N	N	5	20	100	N	15	N	15	<10
H6R0785	1.5	N	N	10	50	150	N	20	N	30	20
H6R0795	1.5	N	N	15	70	100	N	20	N	30	30
H6R0805	N	N	N	N	15	15	N	10	N	10	N
H6R0815	N	N	N	N	10	10	N	5	N	10	N
H6R0825	N	N	N	N	20	15	N	15	N	15	N
H6R0830	N	N	N	N	20	15	N	10	N	10	<10
H6R0835	N	N	N	N	15	10	N	7	N	10	N
H6R0845	N	N	N	N	15	5	N	5	N	7	N
H6R0855	<1.0	N	N	5	50	100	N	100	N	20	20
H6R0865	1.0	N	N	5	20	20	N	20	N	20	15
H6R0875	N	N	N	N	15	10	N	10	N	10	N
H6R0885	N	N	N	N	15	15	N	7	N	7	N

TABLE 3.-- SPECTROGPAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H6, 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
H6R0455	N	5	N	N	150	<50	N	N	200	N	42
H6R0465	N	5	N	N	100	<50	N	N	150	N	42
H6R0475	N	5	N	N	70	<50	N	N	100	N	42
H6R0485	N	<5	N	N	<10	<50	N	500	20	N	42
H6R0495	N	5	N	N	100	<50	N	N	150	N	42
H6R0505	N	5	N	N	150	<50	N	N	50	N	22
H6R0515	N	<5	N	N	20	<50	N	N	50	N	22
H6R0525	N	7	N	N	100	<50	N	N	70	N	22
H6R0535	N	7	N	N	100	<50	N	N	100	N	22
H6R0545	N	7	N	N	100	<50	N	N	150	N	22
H6R0555	N	7	N	N	100	<50	N	N	150	N	22
H6R0565	N	5	N	N	70	<50	N	N	100	N	22
H6R0575	N	5	N	N	50	<50	N	N	70	N	22
H6R0585	N	7	N	N	100	<50	N	N	100	N	22
H6R0595	N	5	N	N	50	<50	N	N	100	N	22
H6R0605	N	5	N	N	100	<50	N	200	100	N	22
H6R0615	N	7	N	N	70	<50	N	N	70	N	22
H6R0625	N	<5	N	N	20	<50	N	N	100	N	22
H6R0635	N	5	N	N	70	<50	N	N	100	N	22
H6R0645	N	5	N	N	50	<50	N	N	150	N	22
H6R0655	N	5	N	N	70	<50	N	N	100	N	22
H6R0665	N	5	N	N	70	<50	N	N	100	N	22
H6R0675	N	5	N	N	50	<50	N	N	150	N	22
H6R0685	N	7	N	N	70	<50	N	N	150	N	22
H6R0695	N	7	N	<100	50	<50	N	N	150	N	22
H6R0705	N	5	N	<100	30	<50	N	N	100	N	22
H6R0715	N	10	N	<100	70	<50	N	N	100	N	22
H6R0725	N	5	N	<100	50	<50	N	N	100	N	39
H6R0735	N	<5	N	<100	15	<50	N	N	50	N	39
H6R0745	N	<5	N	100	15	<50	N	N	20	N	39
H6R0755	N	<5	N	<100	20	<50	N	N	50	N	39
H6R0765	N	5	N	<100	50	<50	N	N	50	N	39
H6R0775	N	5	N	<100	50	<50	N	500	50	N	39
H6R0785	N	7	N	<100	100	<50	N	N	100	N	39
H6R0795	N	7	N	<100	100	<50	N	N	100	N	39
H6R0805	N	N	N	100	15	<50	N	N	30	N	39
H6R0815	N	N	N	100	10	<50	N	N	N	N	39
H6R0825	N	N	N	1,000	30	<50	N	N	30	N	39
H6R0830	N	<5	N	<100	50	<50	N	N	100	N	39
H6R0835	N	N	N	100	10	<50	N	N	<10	N	39
H6R0845	N	N	N	<100	15	<50	N	N	30	N	39
H6R0855	N	5	N	100	30	<50	N	N	70	N	39
H6R0865	N	5	N	N	50	<50	N	N	100	N	39
H6R0875	N	N	N	N	15	<50	N	N	100	N	39
H6R0885	N	N	N	N	20	<50	N	N	<10	N	39

TABLE 3.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H6, 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
H6R0895	.50	.07	.07	.030	10	N	N	N	100	20
H6R0905	.07	.02	.05	.010	<10	N	N	N	10	30
H6R0915	.50	.20	.05	.050	10	N	N	N	100	200
H6R0925	7.00	.70	.07	1.000	50	N	N	N	150	300
H6R0935	3.00	.70	.05	.500	50	N	N	N	150	300
H6R0945	1.00	.50	.10	.150	15	N	N	N	100	200
H6R0955	1.50	.30	.05	.200	15	N	N	N	100	200
H6R0965	1.50	.20	<.05	.200	15	N	N	N	100	200
H6R0975	2.00	.50	.05	.300	20	N	N	N	150	300
H6R0985	2.00	.50	<.05	.300	20	N	N	N	100	300
H6R0995	3.00	.50	<.05	.300	20	N	N	N	100	200
H6R1005	2.00	.70	.05	.200	20	N	N	N	100	200
H6R1015	5.00	.70	.50	.200	70	N	N	N	100	500
H6P1025	5.00	.70	.05	.300	30	N	N	N	100	700
H6R1035	.20	.03	<.05	.015	<10	N	N	N	20	150
H6R1045	7.00	1.00	.05	.500	50	N	N	N	200	300
H6R1055	1.00	.05	.07	.100	10	N	N	N	100	70
H6R1065	.05	.03	<.05	.007	<10	N	N	N	10	500
H6R1075	7.00	.70	.07	.200	50	N	N	N	100	150
H6R1085	15.00	.70	.15	.700	50	N	N	N	200	500
H6R1095	7.00	.50	.05	.300	50	N	N	N	100	300
H6R1105	10.00	.50	<.05	.300	50	N	N	N	150	300
H6R1110	10.00	.70	<.05	.500	100	N	N	N	150	300
H6R1115	5.00	1.00	.15	.200	50	N	N	N	150	200
H6R1125	.05	.02	<.05	.005	<10	N	N	N	50	N
H6R1135	5.00	1.00	<.05	.500	50	N	N	N	200	500
H6R1145	3.00	.70	.50	.200	30	N	N	N	100	200
H6R1155	2.00	.10	.10	.100	15	N	N	N	100	100
H6R1165	5.00	.50	<.05	1.000	100	N	N	N	100	300
H6R1175	20.00	.15	.05	.100	20	1.0	N	N	100	150
H6R1185	7.00	1.00	.30	.300	50	N	N	N	100	300
H6R1195	.05	.05	<.05	.020	<10	N	N	N	20	150
H6R1205	5.00	.15	.05	.150	30	N	N	N	100	300
H6R1215	7.00	1.00	.05	1.000	50	N	N	N	150	500
H6R1235	1.00	.07	<.05	.070	<10	N	N	N	50	20
H6R1245	.20	.10	<.05	.030	<10	N	N	N	50	50
H6R1255	10.00	.70	<.05	.200	30	N	N	N	100	200
H6R1265	10.00	1.00	.70	.500	150	N	N	N	100	500
H6R1275	.30	.10	.05	.050	<10	N	N	N	20	200
H6R1285	.70	.50	.20	.050	<10	N	N	N	50	70
H6R1305	1.50	.70	.20	.150	10	N	N	N	50	100
H6R1315	1.50	.70	.05	.150	15	N	N	N	70	100
H6R1325	.50	.50	.20	.070	<10	N	N	N	30	50
H6R1335	5.00	.70	.10	.200	20	N	N	N	70	200
H6R1365	.10	.10	.20	.005	<10	N	N	N	20	20

TABLE 3.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H6, 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
H6R0895	N	N	N	<5	15	7	N	10	N	10	N
H6R0905	N	N	N	N	15	<5	N	<5	N	7	N
H6R0915	1.0	N	N	5	20	15	N	15	N	20	<10
H6R0925	1.0	N	N	20	150	150	N	50	<20	100	100
H6R0935	1.5	N	N	15	100	50	N	100	N	50	70
H6R0945	1.0	N	N	5	50	30	N	20	N	20	15
H6R0955	<1.0	N	N	5	50	50	N	15	N	20	<10
H6R0965	<1.0	N	N	5	50	20	N	15	N	15	<10
H6R0975	1.0	N	N	7	70	50	N	20	<20	30	15
H6R0985	<1.0	N	N	10	50	100	N	20	N	30	20
H6R0995	<1.0	N	N	10	70	50	N	20	N	30	20
H6R1005	<1.0	N	N	10	50	50	N	30	N	30	20
H6R1015	1.0	N	N	10	70	50	N	50	N	20	30
H6R1025	<1.0	N	N	15	50	50	N	30	N	20	30
H6R1035	N	N	N	15	<10	<5	N	<5	N	7	N
H6R1045	1.0	N	N	20	100	100	N	50	N	70	100
H6R1055	N	N	N	N	20	10	N	20	N	10	N
H6R1065	N	N	N	N	20	<5	N	<5	N	7	N
H6R1075	<1.0	N	N	10	50	30	N	70	N	50	15
H6R1085	1.0	N	N	20	100	150	N	500	N	100	150
H6R1095	<1.0	N	N	10	100	50	N	50	N	50	70
H6R1105	1.0	N	N	15	100	50	N	30	N	70	50
H6R1110	1.0	N	N	20	100	70	N	30	<20	100	50
H6R1115	1.0	N	N	7	70	50	N	30	N	50	20
H6R1125	N	N	N	N	15	<5	N	<5	N	7	N
H6R1135	2.0	N	N	20	100	150	N	20	N	50	50
H6R1145	1.0	N	N	5	50	30	N	15	N	30	20
H6R1155	N	N	N	<5	20	20	N	10	N	15	N
H6R1165	1.5	N	N	15	100	50	N	20	<20	70	50
H6R1175	N	N	N	15	20	200	N	20	N	100	70
H6R1185	N	N	N	20	50	150	N	50	N	70	100
H6R1195	N	N	N	N	15	<5	N	<5	N	5	N
H6R1205	N	N	N	5	20	30	N	50	N	30	15
H6R1215	1.0	N	N	20	100	50	N	50	<20	70	20
H6R1235	N	N	N	N	20	5	N	7	N	10	N
H6R1245	N	N	N	N	15	<5	N	<5	N	10	N
H6R1255	<1.0	N	N	20	70	30	N	50	N	50	30
H6R1265	1.0	N	N	20	70	50	N	50	N	70	70
H6R1275	N	N	N	N	20	10	N	20	N	10	N
H6R1285	N	N	N	N	20	15	N	15	N	10	N
H6R1305	N	N	N	N	20	20	N	30	N	15	N
H6R1315	N	N	N	<5	30	15	N	20	N	15	N
H6R1325	N	N	N	N	20	7	N	15	N	10	N
H6R1335	N	N	N	7	50	50	N	20	N	30	15
H6R1365	N	N	N	N	20	<5	N	N	N	10	N

TABLE 3.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H6, 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
H6R0895	N	N	N	N	15	<50	N	N	<10	N	39
H6R0905	N	N	N	N	10	<50	N	N	20	N	39
H6R0915	N	<5	N	N	20	<50	N	N	50	N	39
H6R0925	N	10	N	N	100	<50	N	N	100	N	39
H6R0935	N	7	N	N	100	<50	N	N	100	N	39
H6R0945	N	5	N	N	50	<50	N	N	70	N	39
H6R0955	N	5	N	N	30	300	N	N	100	N	39
H6R0965	N	5	N	N	30	<50	N	N	100	N	39
H6R0975	N	7	N	N	100	<50	N	N	100	N	39
H6R0985	N	5	N	N	70	<50	N	N	150	N	39
H6R0995	N	5	N	200	50	<50	N	N	100	N	39
H6R1005	N	5	N	<100	50	50	N	N	50	N	39
H6R1015	N	5	N	<100	50	<50	N	N	150	N	39
H6R1025	N	5	N	<100	50	<50	N	N	150	N	39
H6R1035	N	N	N	<100	<10	<50	N	N	10	N	39
H6R1045	N	7	N	<100	100	<50	N	500	100	N	39
H6R1055	N	N	N	<100	10	<50	N	N	50	N	39
H6R1065	N	N	N	100	<10	<50	N	N	50	N	39
H6R1075	N	5	N	N	50	<50	N	N	50	N	39
H6R1085	N	10	N	N	100	<50	N	N	100	N	39
H6R1095	N	7	N	N	70	<50	N	N	100	N	39
H6R1105	N	10	N	N	100	<50	N	200	100	N	39
H6R1110	N	10	N	N	100	<50	N	N	150	N	39
H6R1115	N	7	N	N	50	<50	N	N	100	N	39
H6R1125	N	N	N	N	<10	<50	N	N	N	N	39
H6R1135	N	15	N	N	100	<50	N	N	100	N	39
H6R1145	N	5	N	N	50	<50	N	N	100	N	39
H6R1155	N	<5	N	N	15	<50	N	N	50	N	39
H6R1165	N	10	N	N	150	<50	N	N	150	N	39
H6R1175	N	N	N	N	30	<50	N	200	50	N	39
H6R1185	N	7	N	N	50	<50	N	N	100	N	39
H6R1195	N	N	N	N	10	<50	N	N	100	N	39
H6R1205	N	N	N	N	20	<50	N	N	100	N	39
H6R1215	N	10	N	N	100	<50	N	N	200	N	39
H6R1235	N	N	N	N	20	<50	N	<200	30	N	39
H6R1245	N	N	N	N	20	<50	N	N	<10	N	39
H6R1255	N	7	N	N	50	<50	N	200	100	N	39
H6R1265	N	7	N	N	70	<50	N	500	200	N	39
H6R1275	N	N	N	N	20	<50	N	N	70	N	39
H6R1285	N	N	N	N	20	<50	N	7,000	20	N	39
H6R1305	N	N	N	N	50	<50	N	<200	50	N	39
H6R1315	N	N	N	N	30	<50	N	N	100	N	39
H6R1325	N	N	N	N	10	<50	N	N	<10	N	39
H6R1335	N	5	N	N	50	<50	N	N	100	N	39
H6R1365	N	N	N	N	10	<50	N	N	N	N	39

TABLE 3.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H6, 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
H6R1375	.30	.10	<.05	.050	<10	N	N	N	20	70
H6R1385	7.00	1.00	<.05	.500	50	<.5	N	N	100	500
H6R1395	10.00	1.00	.05	.500	30	<.5	N	N	100	300
H6R1405	.50	.02	<.05	.002	<10	N	N	N	100	50
H6R1415	3.00	.20	.05	.200	15	N	N	N	100	300
H6R1425	3.00	.30	.07	.200	20	N	N	N	100	200
H6R1445	.70	.20	<.05	.100	10	N	N	N	70	50
H6R1455	10.00	1.00	.20	1.000	50	N	N	N	150	300
H6R1465	2.00	.20	.10	.100	15	N	N	N	100	200
H6R1475	1.00	.20	<.05	.100	10	N	N	N	100	100
H61485R	2.00	.30	.05	.070	10	N	200	N	50	70
H61495R	2.00	.20	.05	.070	10	N	N	N	50	150
H61505R	.07	.03	<.05	.005	<10	N	N	N	20	100
H61515R	1.00	.10	.10	.010	<10	N	N	N	50	50
H61525R	<.05	.02	<.05	.002	<10	N	N	N	10	N
H61535R	<.05	<.02	<.05	.002	<10	N	N	N	70	<20
H61545R	1.00	.15	.05	.050	10	N	N	N	50	50
H61555R	1.00	.20	.05	.050	10	N	N	N	50	100
H61565R	3.00	.50	.05	.200	30	N	N	N	100	150
H61575R	<.05	.02	<.05	.005	<10	N	N	N	10	30
H61585R	.05	.02	<.05	.003	<10	N	N	N	10	20
H61595R	.07	.02	<.05	.005	<10	N	N	N	50	<20
H61605R	1.50	.20	<.05	.100	10	N	N	N	50	100
H61615R	1.50	.20	<.05	.100	10	N	N	N	50	100
H61625R	1.00	.50	<.05	.100	<10	N	N	N	50	100
H61635R	.50	.20	<.05	.100	<10	N	N	N	50	70
H61645R	<.05	<.02	<.05	<.002	<10	N	N	N	10	<20
H61655R	1.50	.20	<.05	.100	<10	N	N	N	50	100
H61665R	.07	.02	<.05	.002	<10	N	N	N	10	20
H61675R	1.00	.05	.05	.003	<10	N	N	N	10	20
H61685R	10.00	.50	.05	.300	20	N	<200	N	70	200
H61695R	1.00	.10	.07	.030	<10	N	N	N	15	20
H61705R	7.00	.70	.07	.200	20	N	N	N	200	100
H61715R	.30	.05	<.05	.030	<10	N	N	N	15	30
H61725R	3.00	.20	.05	.100	10	.7	N	N	30	50
H61735R	.20	.20	<.05	.050	<10	N	N	N	50	20
H61745R	1.00	.50	.05	.150	10	<.5	N	N	70	50
H61755R	.20	.15	.30	.002	<10	N	N	N	50	20
H61765R	1.00	.10	.05	.020	50	N	N	N	50	30
H61775R	10.00	.70	.05	1.000	50	<.5	<200	N	150	200
H61785R	.50	.05	.05	.002	<10	N	N	N	50	30
H61795R	1.00	.05	.05	.020	<10	N	N	N	50	20
H61805R	.20	.07	.20	.002	<10	N	N	N	20	20
H61815R	.05	.02	<.05	.002	<10	N	N	N	50	20
H61825R	.05	<.02	<.05	.002	<10	N	N	N	50	20

TABLE 3.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H6, 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
H6R1375	N	N	N	N	20	5	N	5	N	10	N
H6R1385	1.0	N	N	10	50	50	N	20	N	50	30
H6R1395	1.0	N	N	15	150	100	N	20	N	70	20
H6P1405	N	N	N	N	10	<5	N	<5	N	7	N
H6R1415	1.0	N	N	7	30	20	N	20	N	50	30
H6R1425	1.0	N	N	7	30	20	N	30	N	50	10
H6R1445	N	N	N	N	15	7	N	5	N	10	N
H6R1455	1.0	N	N	15	100	70	N	70	<20	100	50
H6R1465	N	N	N	<5	10	15	N	10	N	20	N
H6R1475	1.0	N	N	<5	20	10	N	7	N	15	N
H61485R	<1.0	N	N	N	15	20	N	30	N	20	20
H61495R	N	N	N	N	20	15	N	20	N	20	15
H61505R	N	N	N	N	15	<5	N	N	N	10	N
H61515R	N	N	N	N	20	7	N	5	N	10	N
H61525R	N	N	N	N	15	<5	N	N	N	10	N
H61535R	N	N	N	N	10	<5	N	N	N	7	N
H61545R	N	N	N	N	10	5	N	5	N	10	N
H61555R	N	N	N	N	20	10	N	7	N	10	N
H61565R	1.0	N	N	7	50	20	N	30	N	20	20
H61575R	N	N	N	N	10	<5	N	5	N	7	N
H61585R	N	N	N	N	10	<5	N	5	N	7	N
H61595R	N	N	N	N	10	<5	N	5	N	7	N
H61605R	N	N	N	N	20	15	N	10	N	10	15
H61615R	N	N	N	N	20	10	N	10	N	10	10
H61625R	N	N	N	N	20	10	N	10	N	10	10
H61635R	N	N	N	N	20	7	N	20	N	10	20
H61645R	N	N	N	N	10	<5	N	5	N	5	N
H61655R	N	N	N	N	20	10	N	20	N	10	10
H61665R	N	N	N	5	10	<5	N	5	N	7	N
H61675R	N	N	N	N	10	5	N	5	N	10	N
H61685R	1.0	N	N	10	50	50	N	300	N	30	100
H61695R	N	N	N	N	15	<5	N	10	N	10	N
H61705R	1.5	N	N	5	50	30	N	100	N	50	50
H61715R	N	N	N	N	15	<5	N	10	N	7	N
H61725R	N	N	N	N	15	20	N	15	N	15	50
H61735R	N	N	N	N	15	<5	N	5	N	10	N
H61745R	N	N	N	7	20	100	N	70	N	20	15
H61755R	N	N	N	N	10	<5	N	7	N	5	N
H61765R	N	N	N	N	15	10	N	20	N	15	N
H61775R	1.0	N	N	10	100	50	N	70	<20	70	70
H61785R	N	N	N	N	10	10	N	30	N	10	N
H61795R	N	N	N	N	20	<5	N	15	N	10	N
H61805R	N	N	N	N	15	<5	N	5	N	10	N
H61815R	N	N	N	N	10	<5	N	5	N	7	N
H61825R	N	N	N	N	10	<5	N	5	N	10	N

TABLE 3.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H6, 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
H6R1375	N	N	N	N	20	<50	N	N	N	N	39
H6R1385	N	7	N	N	300	<50	N	N	100	N	39
H6R1395	N	7	N	N	100	<50	N	N	50	N	39
H6R1405	N	N	N	N	10	<50	N	N	N	N	39
H6R1415	N	5	N	N	50	<50	N	N	200	N	39
H6R1425	N	5	N	N	50	<50	N	N	100	N	39
H6R1445	N	N	N	N	20	<50	N	N	30	N	39
H6R1455	N	10	N	N	50	<50	10	N	200	N	39
H6R1465	N	N	N	N	20	<50	N	N	100	N	39
H6R1475	N	<5	N	N	50	<50	N	N	20	N	39
H61485R	N	N	N	N	20	<50	N	N	30	N	39
H61495R	N	N	N	N	20	<50	N	N	30	N	19
H61505R	N	N	N	N	15	200	N	N	100	N	19
H61515R	N	N	N	N	15	<50	N	N	10	N	19
H61525R	N	N	N	N	10	<50	N	N	20	N	19
H61535R	N	N	N	N	10	<50	N	N	<10	N	19
H61545R	N	N	N	N	20	<50	N	N	50	N	19
H61555R	N	N	N	N	30	<50	N	N	100	N	19
H61565R	N	5	N	N	50	<50	N	N	70	N	19
H61575R	N	N	N	N	10	<50	N	N	20	N	19
H61585R	N	N	N	N	10	<50	N	N	30	N	19
H61595R	N	N	N	N	10	<50	N	N	10	N	19
H61605R	N	N	N	N	30	<50	N	N	70	N	19
H61615R	N	N	N	N	30	<50	N	N	50	N	19
H61625R	N	N	N	N	50	<50	N	N	50	N	19
H61635R	N	N	N	N	20	<50	N	N	30	N	19
H61645R	N	N	N	N	10	<50	N	N	N	N	19
H61655R	N	N	N	N	30	<50	N	N	100	N	19
H61665R	N	N	N	N	10	<50	N	N	20	N	19
H61675R	N	N	N	N	10	<50	N	N	30	N	19
H61685R	N	7	N	N	70	50	N	N	100	N	19
H61695R	N	N	N	N	15	<50	N	N	15	N	19
H61705R	N	5	N	N	100	<50	N	N	100	N	19
H61715R	N	N	N	N	10	<50	N	N	100	N	19
H61725R	N	N	N	N	20	<50	N	N	20	N	19
H61735R	N	N	N	N	20	<50	N	N	<10	N	19
H61745R	N	N	N	N	200	<50	N	N	50	N	18
H61755R	N	N	N	N	<10	<50	N	N	N	N	18
H61765R	N	N	N	N	20	<50	N	N	10	N	18
H61775R	N	10	N	N	200	<50	N	N	100	N	18
H61785R	N	N	N	N	20	<50	N	N	N	N	18
H61795R	N	N	N	N	15	<50	N	N	N	N	18
H61805R	N	N	N	N	10	<50	N	N	N	N	18
H61815R	N	N	N	N	10	<50	N	N	N	N	18
H61825R	N	N	N	N	10	<50	N	N	N	N	18

TABLE 3.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H6, 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
H61835R	.05	<.02	<.05	.005	<10	N	N	N	50	20
H61845R	1.50	.15	.15	.015	<10	N	N	N	50	<20
H61855R	<.05	<.02	<.05	<.002	<10	N	N	N	70	<20
H61865R	<.05	<.02	<.05	<.002	<10	N	N	N	70	<20
H61875R	5.00	.70	.05	.300	20	N	N	N	100	100
H61885R	.05	<.02	<.05	.005	<10	N	N	N	50	20
H61895R	2.00	<.02	<.05	<.002	<10	N	N	N	50	<20
H61905R	.20	.03	<.05	.010	<10	N	N	N	50	50
H61915R	10.00	.70	.05	.200	20	1.5	N	N	100	150
H61925R	1.50	.30	.15	.100	10	N	N	N	50	50
H61935R	1.00	.07	.05	.050	<10	N	N	N	50	20
H61945R	10.00	.70	.10	.500	20	1.5	200	N	100	150
H61955R	2.00	.50	.10	.200	10	N	N	N	50	100
H61965R	.30	.05	<.05	.020	<10	N	N	N	20	20
H61975R	1.00	.50	<.05	.100	<10	N	N	N	30	100
H61985R	.50	<.02	<.05	<.002	<10	N	N	N	30	30
H61995R	7.00	.20	.10	.150	10	N	N	N	50	100
H62005R	.70	.07	.05	.030	<10	N	N	N	30	100
H62015R	.15	.02	<.05	.007	<10	N	N	N	30	70
H62025R	1.50	.50	.07	.150	10	N	N	N	50	100
H62035R	15.00	.70	.20	.300	20	1.0	200	N	100	200
H62045R	10.00	.70	.05	.500	30	.7	200	N	100	200
H62055R	3.00	.15	<.05	.070	10	N	N	N	50	30
H62065R	5.00	.50	.15	.150	10	N	N	N	30	500
H62075R	1.50	.50	<.05	.150	10	N	N	N	30	100
H62085R	<.05	.02	<.05	.002	<10	N	N	N	50	30
H62095R	<.05	.02	<.05	<.002	<10	N	N	N	50	20
H62105R	3.00	.03	<.05	.015	<10	N	N	N	50	50
H62115R	1.50	.10	.05	.050	10	N	N	N	50	50
H62125R	.10	<.02	<.05	.003	<10	N	N	N	10	<20
H62135R	.07	<.02	<.05	.002	<10	N	N	N	10	<20
H62145R	.07	.02	<.05	.005	<10	N	N	N	15	N
H62155R	.05	<.02	<.05	.002	<10	N	N	N	15	N
H62165R	.05	.02	<.05	.005	<10	N	N	N	20	N
H62175R	.05	.02	<.05	.005	<10	N	N	N	15	N
H62185R	.07	.02	<.05	.005	<10	N	N	N	15	N
H62195R	.10	.02	<.05	.005	<10	N	N	N	15	N
H62205R	.10	.03	<.05	.010	<10	N	N	N	15	N
H62215R	20.00	3.00	10.00	.015	30	N	N	N	20	<20
H62225R	10.00	.50	.05	.150	20	.5	N	N	200	100
H62235R	1.00	.03	<.05	.015	<10	N	N	N	20	N
H62245R	.50	<.02	<.05	.005	<10	N	N	N	15	N
H62255R	7.00	.20	.15	.100	100	N	N	N	50	50
H62265R	5.00	1.00	<.05	.300	20	<.5	N	N	300	100
H62275R	3.00	.70	.05	.150	150	.7	N	N	200	70

TABLE 3.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H6, 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
H61835R	N	N	N	N	15	<5	N	5	N	7	N
H61845R	N	N	N	N	10	10	N	15	N	10	N
H61855R	N	N	N	N	15	<5	N	5	N	7	N
H61865R	N	N	N	N	15	<5	N	5	N	7	N
H61875R	1.0	N	N	N	50	20	N	50	N	20	30
H61885R	N	N	N	N	15	<5	N	15	N	5	N
H61895R	N	N	N	30	15	10	N	10	N	20	N
H61905R	N	N	N	<5	15	20	N	10	N	10	N
H61915R	1.5	N	N	30	30	200	N	2,000	N	100	50
H61925R	N	N	N	N	15	30	N	30	N	20	10
H61935R	N	N	N	N	15	15	N	50	N	15	<10
H61945R	1.0	N	N	10	50	50	N	300	<20	70	100
H61955R	<1.0	N	N	<5	30	15	N	100	N	20	20
H61965R	N	N	N	N	15	<5	N	100	N	10	N
H61975R	N	N	N	<5	20	10	N	100	N	15	N
H61985R	N	N	N	N	15	<5	N	10	N	7	N
H61995R	<1.0	N	N	<5	20	15	N	100	N	30	10
H62005R	N	N	N	<5	10	10	N	30	N	10	N
H62015R	N	N	N	<5	10	<5	N	20	N	7	N
H62025R	<1.0	N	N	5	20	70	N	30	N	50	10
H62035R	1.0	N	N	10	50	70	N	1,500	N	100	100
H62045R	1.0	N	N	10	100	50	N	150	N	70	100
H62055R	N	N	N	N	20	15	N	50	N	15	N
H62065R	N	N	N	<5	15	15	N	20	N	30	20
H62075R	N	N	N	N	30	10	N	30	N	10	N
H62085R	N	N	N	N	15	<5	N	10	N	5	N
H62095R	N	N	N	N	10	<5	N	5	N	5	N
H62105R	N	N	N	N	20	10	N	50	N	10	N
H62115R	N	N	N	N	20	7	N	30	N	10	N
H62125R	N	N	N	N	15	<5	N	10	N	5	N
H62135R	N	N	N	N	15	<5	N	5	N	5	N
H62145R	N	N	N	N	10	<5	N	5	N	7	N
H62155R	N	N	N	N	<10	<5	N	N	N	5	N
H62165R	N	N	N	N	10	<5	N	5	N	7	N
H62175R	N	N	N	N	10	<5	N	N	N	7	N
H62185R	N	N	N	N	10	<5	N	N	N	7	N
H62195R	N	N	N	N	10	<5	N	5	N	7	N
H62205R	N	N	N	N	15	<5	N	7	N	7	N
H62215R	N	N	N	N	N	20	N	70	N	20	70
H62225R	1.0	N	N	5	50	30	N	300	N	50	50
H62235R	N	N	N	N	15	5	N	20	N	10	N
H62245R	N	N	N	N	10	<5	N	<5	N	5	N
H62255R	N	N	N	N	70	20	N	70	N	20	15
H62265R	2.0	N	N	7	70	100	N	300	N	30	15
H62275R	1.5	N	N	N	20	20	N	20	N	20	70

TABLE 3.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H6, 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
H61835R	N	N	N	N	15	<50	N	N	N	N	18
H61845R	N	N	N	N	20	<50	N	N	N	N	18
H61855R	N	N	N	N	10	<50	N	N	N	N	18
H61865R	N	N	N	N	15	<50	N	N	N	N	18
H61875R	N	5	N	N	200	<50	N	N	50	N	18
H61885R	N	N	N	N	10	<50	N	N	N	N	18
H61895R	N	N	N	N	10	150	N	N	N	N	18
H61905R	N	N	N	N	20	<50	N	N	N	N	18
H61915R	N	5	N	100	500	<50	N	N	50	N	18
H61925R	N	N	N	N	30	<50	N	N	15	N	18
H61935R	N	N	N	N	30	<50	N	N	<10	N	18
H61945R	N	7	N	N	100	<50	N	N	50	N	18
H61955R	N	<5	N	N	70	<50	N	N	50	N	18
H61965R	N	N	N	N	15	<50	N	N	N	N	18
H61975R	N	N	N	N	30	<50	N	N	20	N	18
H61985R	N	N	N	N	10	<50	N	N	N	N	18
H61995R	N	<5	N	N	30	<50	N	N	30	N	18
H62005R	N	N	N	N	20	<50	N	N	N	N	18
H62015R	N	N	N	N	15	<50	N	N	N	N	18
H62025R	N	N	N	N	100	<50	N	N	50	N	18
H62035R	N	5	N	N	50	<50	N	N	100	N	18
H62045R	N	7	N	N	100	<50	N	N	100	N	18
H62055R	N	<5	N	N	30	<50	N	N	20	N	18
H62065R	N	<5	N	N	20	<50	N	N	150	N	18
H62075R	N	N	N	N	50	<50	N	N	30	N	18
H62085R	N	N	N	N	10	<50	N	N	N	N	18
H62095R	N	N	N	N	10	<50	N	N	N	N	18
H62105R	N	N	N	N	10	<50	N	N	N	N	18
H62115R	N	N	N	N	15	<50	N	N	10	N	18
H62125R	N	N	N	N	10	50	N	N	15	N	17
H62135R	N	N	N	N	10	<50	N	N	20	N	17
H62145R	N	N	N	N	10	100	N	N	10	N	17
H62155R	N	N	N	N	10	<50	N	N	15	N	17
H62165R	N	N	N	N	10	<50	N	N	20	N	17
H62175R	N	N	N	N	10	<50	N	300	20	N	17
H62185R	N	N	N	N	10	<50	N	N	30	N	17
H62195R	N	N	N	N	10	<50	N	N	15	N	17
H62205R	N	N	N	N	15	<50	N	N	20	N	17
H62215R	N	N	N	N	20	<50	N	N	N	N	16
H62225R	N	5	N	N	70	<50	N	N	50	N	16
H62235R	N	N	N	N	10	<50	N	500	N	N	16
H62245R	N	N	N	N	10	<50	N	N	10	N	16
H62255R	N	<5	N	N	20	<50	N	N	50	N	16
H62265R	N	10	N	N	150	<50	N	N	100	N	16
H62275R	N	5	N	N	50	<50	N	N	100	N	16

TABLE 3.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H6, 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
H62285R	1.00	.30	.20	.030	<10	N	N	N	50	20
H62295R	1.00	.03	.05	.030	<10	N	N	N	30	N
H62305R	.10	.02	<.05	.005	<10	N	N	N	30	30
H62315R	3.00	.50	<.05	.150	10	N	N	N	50	100
H62325R	1.50	.50	.70	.050	10	N	N	N	20	20
H62335R	10.00	.70	.05	.150	10	.5	N	N	100	20
H62345R	15.00	.50	.15	.200	20	<.5	N	N	70	100
H62355R	2.00	.50	.30	.100	10	.7	N	N	20	<20

TABLE 3.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H6, 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
H62285R	N	N	N	N	15	5	N	15	N	10	N
H62295R	N	N	N	<5	15	15	N	10	N	10	N
H62305R	N	N	N	N	15	<5	N	7	N	7	N
H62315R	<1.0	N	N	5	20	15	N	20	N	30	20
H62325R	N	N	N	N	15	15	N	15	N	10	15
H62335R	1.0	N	N	5	20	50	N	50	N	20	50
H62345R	N	N	N	5	30	50	N	30	N	20	70
H62355R	N	N	N	<5	20	15	N	20	N	15	15

TABLE 3.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H6, 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
H62285R	N	N	N	N	10	<50	N	N	N	N	16
H62295R	N	N	N	N	10	<50	N	N	50	N	16
H62305R	N	N	N	N	10	<50	N	N	N	N	16
H62315R	N	<5	N	N	30	<50	N	N	30	N	16
H62325R	N	N	N	N	20	<50	N	N	10	N	16
H62335R	N	5	N	N	50	<50	N	N	50	N	16
H62345R	N	<5	N	N	50	<50	N	N	50	N	16
H62355R	N	N	N	N	15	<50	N	N	N	N	16