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# Spectrographic analyses of insoluble-residue samples, Harrison 1° x 2° quadrangle, Missouri and Arkansas: Drill holes nos. 1, 2, and 3

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. 1 (Arkansas I.D., Gassvile #1 Mar Bax water well, Baxter Co. 536), drill hole no. 2 (Arkansas I.D., City of Viola #1 water well, Fulton Co. 798), and drill hole no. 3 (Arkansas I.D., Baxter Lab #1 water well, Baxter Co. 651) are given in this report. Drill hole no. 1 is located in sec. 28, T. 19 N., R. 14 W. in Baxter County, Arkansas; drill hole no. 2 is located in sec. 18, T. 20 N., R. 9 W. in Fulton County, Arkansas; and drill hole no. 3 is located in sec. 33, T. 20 N., R. 13 W. in Baxter Co., Arkansas. Data for the insoluble-residue samples in drill holes 1, 2, and 3 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

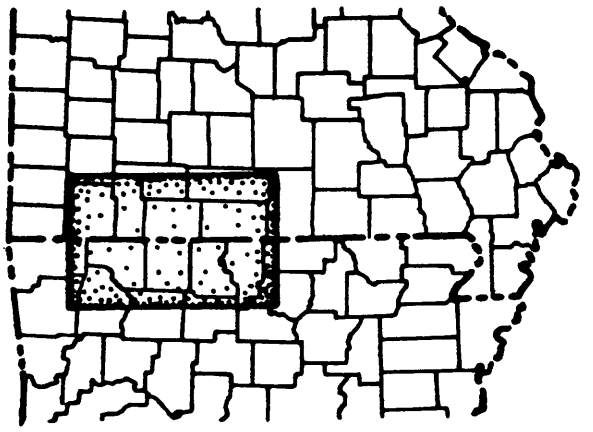
Insoluble residues were prepared by dissolving approximately 80 grams of crushed carbonate rock in repeated applications of 1:5 hydrochloric acid until the carbonate was removed. The samples were then filtered and dried overnight at 50°C.

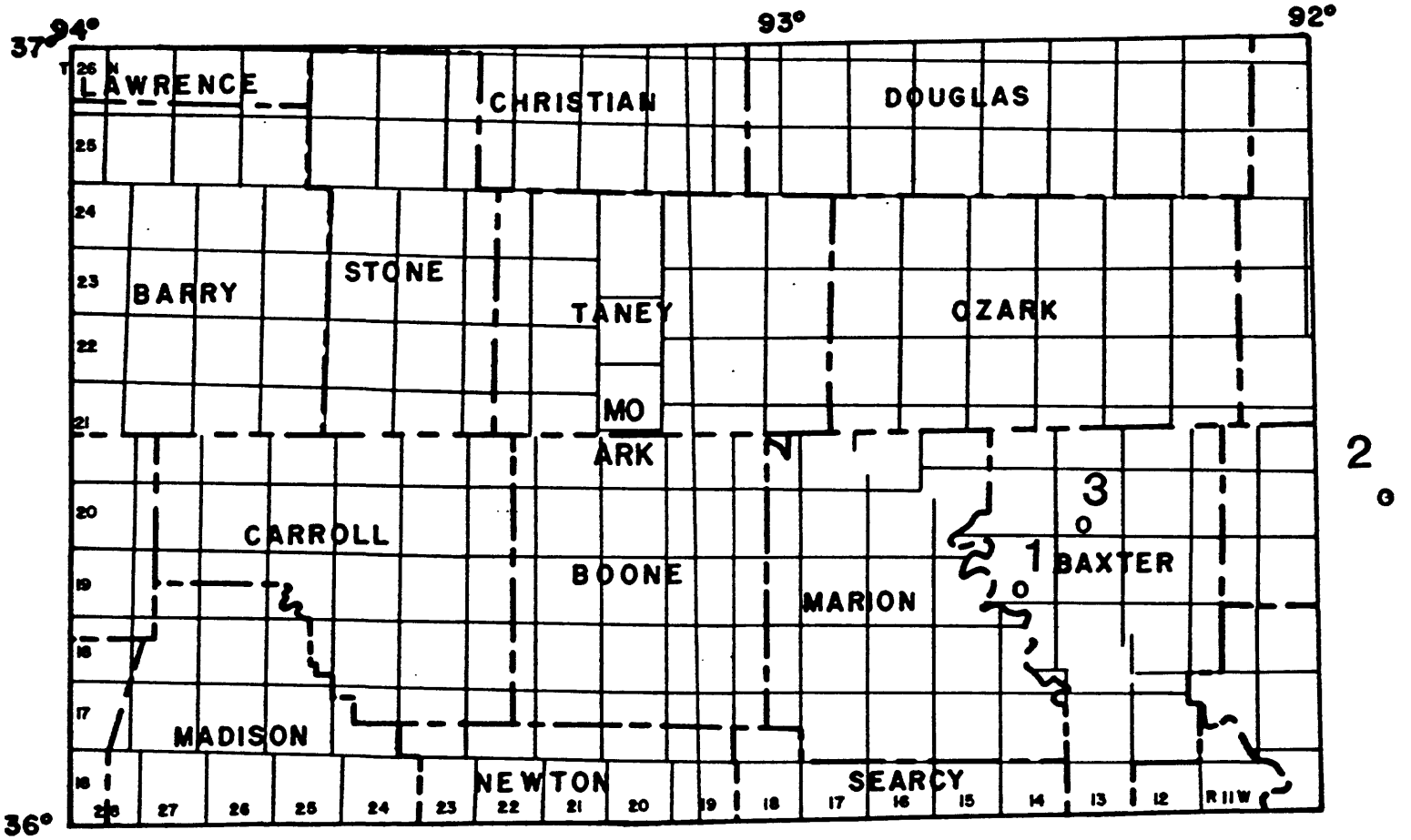
The samples were then pulverized to minus 140 mesh (0.105 mm) in a vertical grinder equipped with ceramic plates. Some insoluble-residue samples contained only a few milligrams of material, and these were hand ground in an agate mortar and pestle. A hand magnet was passed over the insoluble-residue samples 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:






HARRISON 1°X2° QUADRANGLE

**Locations of drill holes discussed in this report**

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 follows this number and signifies insoluble residue. The last four digits identify the depth of the sample from the drill-hole collar. Most samples are composites of 10-foot intervals; some are composites of thicker 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:

| Code | Formation |
|---|---|
| 16 | Eminence Dolomite |
| 17 | Gunter Sandstone member of the Gasconade Formation |
| 18 | Gasconade Dolomite |
| 19 | Roubidoux Formation |
| 35 | Undifferentiated Late Cambrian |
| 39 | Jefferson City Cotter 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. James H. 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.

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.

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TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H1, 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| H1R0020 | .70 | .20 | .05 | .070 | 15 | N | N | N | 50 | 500 |
| H1R0030 | 1.50 | .70 | .20 | .150 | 50 | N | N | N | 70 | 200 |
| H1R0040 | .70 | .20 | .05 | .100 | 10 | N | N | N | 50 | 100 |
| H1R0050 | .10 | .10 | .05 | .015 | N | N | N | N | 50 | 50 |
| H1R0070 | .50 | .20 | .07 | .020 | N | N | N | N | 100 | 50 |
| H1R0080 | .10 | .07 | .05 | .002 | N | N | N | N | 50 | 20 |
| H1R0090 | 1.00 | .30 | .05 | .070 | 20 | N | N | N | 100 | 150 |
| H1R0100 | .70 | .15 | .05 | .050 | 20 | N | N | N | 70 | 150 |
| H1R0110 | 2.00 | .50 | .07 | .200 | 70 | N | N | N | 100 | 200 |
| H1R0120 | 1.00 | .30 | .10 | .100 | 20 | N | N | N | 50 | 200 |
| H1R0130 | 1.50 | 1.50 | 1.00 | .150 | 50 | N | N | N | 100 | 150 |
| H1R0140 | 1.50 | .50 | .10 | .150 | 20 | N | N | N | 50 | 200 |
| H1R0150 | 1.00 | .20 | .15 | .050 | 10 | N | N | N | 30 | 30 |
| H1R0160 | .20 | .10 | .10 | .020 | <10 | N | N | N | 50 | 20 |
| H1R0170 | .20 | .50 | .70 | .020 | 10 | N | N | N | 100 | 20 |
| H1R0180 | .50 | .15 | .15 | .030 | 10 | N | N | N | 50 | 100 |
| H1R0190 | 2.00 | .70 | .15 | .200 | 50 | N | N | N | 70 | 500 |
| H1R0200 | .70 | .20 | <.05 | .070 | 20 | N | N | N | 30 | 300 |
| H1R0210 | .70 | .20 | .10 | .070 | 10 | N | N | N | 50 | 100 |
| H1R0220 | 1.00 | .50 | .15 | .100 | 30 | N | N | N | 70 | 150 |
| H1R0230 | 1.50 | .70 | .10 | .150 | 50 | N | N | N | 70 | 200 |
| H1R0240 | .50 | .20 | .05 | .050 | 10 | N | N | N | 30 | 70 |
| H1R0250 | .70 | .15 | .07 | .050 | 10 | N | N | N | 30 | 150 |
| H1R0260 | .50 | .15 | .05 | .050 | 10 | N | N | N | 30 | 200 |
| H1R0270 | 1.00 | .70 | .05 | .100 | 50 | N | N | N | 70 | 200 |
| H1R0280 | 1.00 | .30 | .05 | .100 | 30 | N | N | N | 70 | 200 |
| H1R0290 | 1.00 | .50 | .07 | .100 | 20 | N | N | N | 50 | 200 |
| H1R0300 | .50 | .20 | .05 | .070 | 10 | N | N | N | 70 | 100 |
| H1R0310 | 1.50 | .30 | .07 | .150 | 50 | N | N | N | 100 | 150 |
| H1R0320 | .50 | .10 | .07 | .050 | 10 | N | N | N | 50 | 100 |
| H1R0330 | 1.50 | 1.00 | .07 | .150 | 50 | 1.0 | N | N | 100 | 200 |
| H1R0340 | .50 | .10 | .05 | .050 | 15 | N | N | N | 20 | 100 |
| H1R0350 | 2.00 | 1.00 | .10 | .200 | 50 | N | N | N | 100 | 200 |
| H1R0360 | .70 | .20 | .05 | .070 | 20 | N | N | N | 20 | 150 |
| H1R0370 | .20 | .05 | <.05 | .020 | 10 | N | N | N | 10 | 200 |
| H1R0380 | 1.00 | .30 | .05 | .070 | 50 | N | N | N | 70 | 150 |
| H1R0390 | 1.00 | .50 | .15 | .100 | 30 | N | N | N | 70 | 100 |
| H1R0400 | 1.50 | .50 | .07 | .150 | 30 | N | N | N | 70 | 100 |
| H1R0410 | 1.00 | .50 | .10 | .100 | 50 | N | N | N | 70 | 200 |
| H1R0420 | 1.00 | .20 | <.05 | .070 | 15 | N | N | N | 30 | 100 |
| H1R0430 | .20 | .20 | .20 | .030 | 20 | N | N | N | 20 | 150 |
| H1R0440 | .15 | .10 | .10 | .015 | 10 | N | N | N | 30 | <20 |
| H1R0450 | .20 | .07 | <.05 | .020 | 50 | N | N | N | 15 | <20 |
| H1R0460 | .20 | .05 | <.05 | .020 | 10 | N | N | N | 20 | <20 |
| H1R0470 | .50 | .10 | .05 | .020 | 10 | N | N | N | 20 | <20 |

TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H1, 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| H1R0020 | <1.0 | N | N | N | 15 | 10 | N | N | N | 10 | 10 |
| H1R0030 | 1.0 | N | N | N | 50 | 20 | N | 5 | N | 15 | 20 |
| H1R0040 | 1.0 | N | N | N | 15 | 10 | N | N | N | 7 | N |
| H1R0050 | <1.0 | N | N | N | <10 | <5 | N | 5 | N | 5 | N |
| H1R0070 | <1.0 | N | N | N | 10 | 10 | N | N | N | 7 | N |
| H1R0080 | <1.0 | N | N | N | <10 | 7 | N | N | N | 7 | <10 |
| H1R0090 | 1.0 | N | N | N | 20 | 15 | N | <5 | N | 10 | 10 |
| H1R0100 | <1.0 | N | N | N | 15 | 15 | N | 7 | N | 7 | <10 |
| H1R0110 | 1.0 | N | N | N | 50 | 30 | N | 30 | N | 15 | 30 |
| H1R0120 | 1.0 | N | N | N | 20 | 10 | N | <5 | N | 7 | 10 |
| H1R0130 | 1.5 | N | N | N | 50 | 20 | N | 5 | N | 15 | 15 |
| H1R0140 | 1.0 | N | N | N | 30 | 10 | N | 5 | N | 10 | 10 |
| H1R0150 | N | N | N | N | 10 | 5 | N | 10 | N | 7 | <10 |
| H1R0160 | N | N | N | N | 10 | <5 | N | <5 | N | 5 | N |
| H1R0170 | <1.0 | N | N | N | 10 | 7 | N | 5 | N | 5 | 10 |
| H1R0180 | <1.0 | N | N | N | 10 | 5 | N | <5 | N | 5 | <10 |
| H1R0190 | <1.0 | N | N | 5 | 50 | 15 | N | 15 | N | 15 | 50 |
| H1R0200 | 1.0 | N | N | N | 20 | 10 | N | 5 | N | 10 | <10 |
| H1R0210 | 1.0 | N | N | N | 20 | <5 | N | 5 | N | 7 | <10 |
| H1R0220 | 1.0 | N | N | N | 50 | 10 | N | 5 | N | 10 | 10 |
| H1R0230 | 1.0 | N | N | N | 70 | 15 | N | 20 | N | 15 | 15 |
| H1R0240 | N | N | N | N | 20 | <5 | N | N | N | 5 | <10 |
| H1R0250 | N | N | N | N | 15 | <5 | N | N | N | 7 | <10 |
| H1R0260 | <1.0 | N | N | N | 15 | <5 | N | <5 | N | <5 | <10 |
| H1R0270 | 1.0 | N | N | N | 50 | 30 | N | 10 | N | <5 | 20 |
| H1R0280 | 1.0 | N | N | N | 30 | 15 | N | 10 | N | <5 | 20 |
| H1R0290 | <1.0 | N | N | N | 50 | 20 | N | 15 | N | 5 | 30 |
| H1R0300 | <1.0 | N | N | N | 20 | 10 | N | 5 | N | <5 | 10 |
| H1R0310 | 1.0 | N | N | N | 50 | 30 | N | 7 | N | <5 | 20 |
| H1R0320 | <1.0 | N | N | N | 20 | 5 | N | 5 | N | 5 | N |
| H1R0330 | 1.0 | N | N | N | 50 | 20 | N | 15 | N | <5 | 15 |
| H1R0340 | <1.0 | N | N | N | 10 | 5 | N | 5 | N | 7 | 10 |
| H1R0350 | 1.0 | N | N | 10 | 100 | 30 | N | 20 | N | <5 | 20 |
| H1R0360 | <1.0 | N | N | N | 20 | 7 | N | <5 | N | <5 | N |
| H1R0370 | <1.0 | N | N | N | 10 | <5 | N | N | N | <5 | <10 |
| H1R0380 | 1.0 | N | N | N | 30 | 7 | N | N | N | <5 | <10 |
| H1R0390 | 1.0 | N | N | N | 20 | 10 | N | N | N | <5 | 15 |
| H1R0400 | 1.0 | N | N | N | 30 | 20 | N | 5 | N | <5 | 20 |
| H1R0410 | 1.0 | N | N | N | 50 | 20 | N | 5 | N | <5 | 20 |
| H1R0420 | <1.0 | N | N | N | 15 | 20 | N | 5 | N | <5 | 15 |
| H1R0430 | <1.0 | N | N | N | 10 | 5 | N | N | N | <5 | <10 |
| H1R0440 | <1.0 | N | N | N | <10 | <5 | N | N | N | <5 | N |
| H1R0450 | N | N | N | N | 10 | 5 | N | N | N | 7 | N |
| H1R0460 | N | N | N | N | 10 | 7 | N | N | N | 5 | N |
| H1R0470 | N | N | N | N | 10 | 5 | N | N | N | 7 | N |

TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H1, 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| H1R0020 | N | N | N | 100 | 10 | <50 | N | N | 50 | N | 39 |
| H1R0030 | N | N | N | N | 30 | <50 | N | N | 50 | N | 39 |
| H1R0040 | N | N | N | N | 10 | N | N | N | 50 | N | 39 |
| H1R0050 | N | N | N | N | <10 | N | N | N | N | N | 39 |
| H1R0070 | N | N | N | 150 | 10 | N | N | N | N | N | 39 |
| H1R0080 | N | N | N | <100 | <10 | N | N | N | N | N | 39 |
| H1R0090 | N | N | N | 200 | 15 | N | N | N | 15 | N | 39 |
| H1R0100 | N | N | N | 200 | 10 | N | N | N | 20 | N | 39 |
| H1R0110 | N | N | N | <100 | 30 | N | N | N | 50 | N | 39 |
| H1R0120 | N | N | N | <100 | 15 | N | N | N | 100 | N | 39 |
| H1R0130 | N | N | N | N | 30 | <50 | N | N | 70 | N | 39 |
| H1R0140 | N | N | N | N | 20 | N | N | N | 50 | N | 39 |
| H1R0150 | N | N | N | N | <10 | N | N | N | N | N | 39 |
| H1R0160 | N | N | N | N | <10 | N | N | N | N | N | 39 |
| H1R0170 | N | N | N | N | 10 | N | N | N | N | N | 39 |
| H1R0180 | N | N | N | N | <10 | N | N | N | 20 | N | 39 |
| H1R0190 | N | N | N | 100 | 20 | N | N | N | 150 | N | 39 |
| H1R0200 | N | N | N | <100 | 15 | N | N | N | 50 | N | 39 |
| H1R0210 | N | N | N | 150 | 15 | N | N | N | 30 | N | 39 |
| H1R0220 | N | N | N | 100 | 20 | N | N | N | 50 | N | 39 |
| H1R0230 | N | N | N | N | 50 | N | N | N | 70 | N | 39 |
| H1R0240 | N | N | N | N | 20 | N | N | N | 15 | N | 39 |
| H1R0250 | N | N | N | N | <10 | N | N | N | 10 | N | 39 |
| H1R0260 | N | N | N | 300 | <10 | N | N | N | 50 | N | 39 |
| H1R0270 | N | N | N | 200 | 50 | N | N | N | 100 | N | 39 |
| H1R0280 | N | N | N | 500 | 20 | N | N | N | 70 | N | 39 |
| H1R0290 | N | N | N | 700 | 30 | N | N | N | 100 | N | 39 |
| H1R0300 | N | N | N | <100 | 10 | N | N | N | 50 | N | 39 |
| H1R0310 | N | N | N | N | 30 | N | N | N | 70 | N | 39 |
| H1R0320 | N | N | N | 100 | <10 | N | N | N | 20 | N | 39 |
| H1R0330 | N | N | N | 100 | 50 | N | N | N | 100 | N | 39 |
| H1R0340 | N | N | N | N | <10 | N | N | N | 200 | N | 39 |
| H1R0350 | N | N | N | <100 | 50 | N | N | N | 150 | N | 39 |
| H1R0360 | N | N | N | N | 10 | N | N | N | 100 | N | 39 |
| H1R0370 | N | N | N | N | <10 | N | N | N | 100 | N | 39 |
| H1R0380 | N | N | N | 150 | 20 | N | N | N | 50 | N | 39 |
| H1R0390 | N | N | N | 100 | 30 | N | N | N | 50 | N | 39 |
| H1R0400 | N | N | N | <100 | 50 | N | N | N | 100 | N | 39 |
| H1R0410 | N | N | N | N | 20 | N | N | N | 100 | N | 39 |
| H1R0420 | N | N | N | N | 10 | N | N | N | 20 | N | 39 |
| H1R0430 | N | N | N | N | <10 | <50 | N | N | 100 | N | 39 |
| H1R0440 | N | N | N | N | <10 | <50 | N | N | <10 | N | 39 |
| H1R0450 | N | N | N | N | 10 | <50 | N | N | 10 | N | 39 |
| H1R0460 | N | N | N | N | 10 | <50 | N | N | <10 | N | 39 |
| H1R0470 | N | N | N | N | 10 | <50 | N | N | 15 | N | 39 |

TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H1, 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 | Be-ppm s |
|---|---|---|---|---|---|---|---|---|---|---|
| H1R0480 | .15 | .07 | .07 | .015 | <10 | N | N | N | 20 | <20 |
| H1R0490 | .70 | .10 | .05 | .050 | 10 | N | N | N | 30 | 20 |
| H1R0500 | 3.00 | .70 | <.05 | .300 | 30 | N | N | N | 100 | 150 |
| H1R0510 | 3.00 | 1.00 | .07 | .200 | 50 | N | N | N | 100 | 200 |
| H1R0520 | 2.00 | 1.00 | .05 | .200 | 50 | N | N | N | 100 | 200 |
| H1R0530 | 3.00 | 1.50 | <.05 | .300 | 50 | N | N | N | 150 | 300 |
| H1R0540 | 2.00 | .70 | .05 | .200 | 50 | N | N | N | 150 | 150 |
| H1R0550 | 2.00 | .70 | .05 | .200 | 50 | N | N | N | 150 | 200 |
| H1R0560 | 1.50 | .30 | .07 | .100 | 30 | N | N | N | 100 | 100 |
| H1R0570 | 1.50 | .50 | .05 | .150 | 20 | N | N | N | 100 | 100 |
| H1R0580 | 3.00 | 1.00 | .05 | .500 | 50 | N | N | N | 150 | 150 |
| H1R0590 | 1.50 | .30 | <.05 | .100 | 15 | N | N | N | 100 | 100 |
| H1R0600 | 1.00 | .15 | <.05 | .070 | 10 | N | N | N | 50 | 20 |
| H1R0610 | 7.00 | .70 | .05 | .300 | 50 | N | N | N | 150 | 100 |
| H1R0620 | 5.00 | .70 | .07 | .200 | 30 | N | N | N | 100 | 150 |
| H1R0630 | 1.00 | .15 | <.05 | .100 | <10 | N | N | N | 50 | 30 |
| H1R0640 | 2.00 | .70 | <.05 | .300 | 50 | N | N | N | 150 | 200 |
| H1R0650 | 1.50 | .50 | <.05 | .200 | 20 | N | N | N | 100 | 100 |
| H1R0660 | 1.00 | .30 | <.05 | .100 | 15 | N | N | N | 50 | 70 |
| H1R0670 | 2.00 | .50 | .05 | .150 | 30 | N | N | N | 100 | 100 |
| H1R0680 | .50 | .15 | <.05 | .070 | <10 | N | N | N | 50 | 100 |
| H1R0690 | .50 | .10 | .05 | .050 | <10 | N | N | N | 30 | 20 |
| H1R0700 | 2.00 | .50 | .05 | .150 | 15 | N | N | N | 70 | 150 |
| H1R0710 | 1.50 | .30 | <.05 | .200 | 15 | N | N | N | 50 | 100 |
| H1R0720 | .70 | .15 | <.05 | .070 | <10 | N | N | N | 30 | 20 |
| H1R0730 | .30 | .05 | .05 | .030 | N | N | N | N | 20 | 50 |
| H1R0740 | .10 | .03 | <.05 | .015 | N | N | N | N | 20 | <20 |
| H1R0750 | 2.00 | .10 | .05 | .070 | <10 | N | 700 | N | 50 | 50 |
| H1R0760 | .20 | .05 | .05 | .015 | <10 | N | N | N | 30 | 20 |
| H1R0770 | 1.50 | .20 | .05 | .100 | <10 | N | N | N | 50 | 50 |
| H1R0780 | .70 | .10 | <.05 | .050 | <10 | N | N | N | 20 | 20 |
| H1R0790 | 1.50 | .15 | .10 | .070 | 10 | N | N | N | 50 | 20 |
| H1R0800 | .15 | .02 | <.05 | .015 | <10 | N | N | N | 15 | <20 |
| H1R0810 | 1.50 | .05 | <.05 | .030 | <10 | N | 500 | N | 20 | 100 |
| H1R0820 | 2.00 | <.02 | <.05 | .010 | 10 | N | 500 | N | 20 | 30 |
| H1R0830 | 1.00 | <.02 | <.05 | .010 | N | N | 200 | N | 20 | 20 |
| H1R0840 | 1.50 | .02 | <.05 | .015 | <10 | N | 700 | N | 20 | <20 |
| H1R0850 | .10 | <.02 | <.05 | .005 | N | N | N | N | 20 | <20 |
| H1R0860 | .50 | .05 | <.05 | .010 | <10 | N | 200 | N | 30 | 20 |
| H1R0870 | .70 | .05 | <.05 | .020 | <10 | N | <200 | N | 20 | 20 |
| H1R0880 | .50 | .02 | <.05 | .007 | <10 | N | <200 | N | 10 | <20 |
| H1R0890 | .50 | .02 | <.05 | .007 | <10 | N | <200 | N | 15 | <20 |
| H1R0900 | .10 | .02 | <.05 | .010 | <10 | N | <200 | N | 15 | 20 |
| H1R0910 | 1.00 | .02 | <.05 | .015 | <10 | N | 500 | N | 10 | <20 |
| H1R0920 | 10.00 | .03 | <.05 | .015 | 10 | N | 2,000 | N | 10 | 20 |

TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H1, 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| H1R0480 | N | N | N | N | 10 | 7 | N | N | N | 5 | N |
| H1R0490 | <1.0 | N | N | N | 15 | 20 | N | 5 | N | 5 | 10 |
| H1R0500 | 1.5 | N | N | 10 | 100 | 300 | N | 15 | N | 30 | 70 |
| H1R0510 | 1.0 | N | N | 15 | 100 | 50 | N | 15 | N | 20 | 30 |
| H1R0520 | 1.5 | N | N | 7 | 100 | 150 | N | 20 | <20 | 20 | 50 |
| H1R0530 | 2.0 | N | N | 15 | 200 | 300 | N | 20 | <20 | 50 | 100 |
| H1R0540 | 1.5 | N | N | 10 | 150 | 200 | N | 15 | N | 20 | 50 |
| H1R0550 | 2.0 | N | N | 5 | 150 | 200 | N | 30 | N | 30 | 50 |
| H1R0560 | 1.0 | N | N | N | 20 | 70 | N | 5 | N | 10 | 15 |
| H1R0570 | 1.0 | N | N | N | 30 | 100 | N | 5 | N | 10 | 30 |
| H1R0580 | 2.0 | N | N | N | 100 | 200 | N | 15 | <20 | 50 | 70 |
| H1R0590 | 1.0 | N | N | N | 50 | 30 | N | 7 | N | 10 | 10 |
| H1R0600 | <1.0 | N | N | N | 20 | 30 | N | 5 | N | 7 | <10 |
| H1R0610 | 1.5 | N | N | 15 | 150 | 150 | N | 20 | N | 50 | 50 |
| H1R0620 | 1.0 | N | N | N | 100 | 150 | N | 15 | N | 30 | 50 |
| H1R0630 | <1.0 | N | N | N | 20 | 15 | N | 5 | N | 7 | N |
| H1R0640 | 1.0 | N | N | <5 | 100 | 50 | N | 15 | <20 | 30 | 20 |
| H1R0650 | 1.0 | N | N | N | 50 | 50 | N | 15 | N | 20 | 20 |
| H1R0660 | 1.0 | N | N | N | 20 | 30 | N | 15 | N | 10 | N |
| H1R0670 | 1.5 | N | N | N | 50 | 100 | N | 20 | N | 15 | 20 |
| H1R0680 | <1.0 | N | N | N | 10 | 7 | N | <5 | N | 7 | N |
| H1R0690 | <1.0 | N | N | N | 10 | 5 | N | <5 | N | 5 | N |
| H1R0700 | 1.0 | N | N | N | 50 | 50 | N | 5 | <20 | 15 | 20 |
| H1R0710 | 1.0 | N | N | N | 50 | 100 | N | <5 | N | 10 | 15 |
| H1R0720 | <1.0 | N | N | N | 20 | 30 | N | 7 | N | 10 | N |
| H1R0730 | N | N | N | N | 10 | <5 | N | <5 | N | <5 | N |
| H1R0740 | N | N | N | N | 10 | <5 | N | <5 | N | <5 | N |
| H1R0750 | <1.0 | N | N | N | 15 | 200 | N | 30 | N | 15 | N |
| H1R0760 | <1.0 | N | N | N | <10 | 200 | N | 20 | N | 10 | N |
| H1R0770 | 1.0 | N | N | N | 20 | 150 | N | 10 | N | 15 | 10 |
| H1R0780 | <1.0 | N | N | N | 15 | 15 | N | <5 | N | 7 | N |
| H1R0790 | <1.0 | N | N | N | 15 | 300 | N | 5 | N | 10 | <10 |
| H1R0800 | <1.0 | N | N | N | 10 | <5 | N | 20 | N | 5 | N |
| H1R0810 | <1.0 | N | N | N | 10 | 15 | N | 500 | N | 15 | 10 |
| H1R0820 | N | N | N | N | <10 | 10 | N | 300 | N | 15 | N |
| H1R0830 | <1.0 | N | N | N | 10 | 5 | N | 70 | N | 5 | N |
| H1R0840 | <1.0 | N | N | N | 10 | 10 | N | 150 | N | 10 | N |
| H1R0850 | N | N | N | N | 10 | <5 | N | 10 | N | <5 | N |
| H1R0860 | N | N | N | N | 10 | 10 | N | 30 | N | 5 | N |
| H1R0870 | N | N | N | N | 10 | 5 | N | 20 | N | 5 | N |
| H1R0880 | N | N | N | N | 10 | <5 | N | 20 | N | 5 | N |
| H1R0890 | <1.0 | N | N | N | 10 | 100 | N | 20 | N | 5 | N |
| H1R0900 | N | N | N | N | 10 | 7 | N | 5 | N | 5 | N |
| H1R0910 | N | N | N | N | 10 | 20 | N | 300 | N | 10 | N |
| H1R0920 | <1.0 | N | N | 15 | 10 | 70 | N | 1,000 | N | 20 | 20 |

TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H1, 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| H1R0480 | N | N | N | N | 10 | <50 | N | N | <10 | N | 39 |
| H1R0490 | N | N | N | <100 | 10 | N | N | N | 20 | N | 39 |
| H1R0500 | N | 5 | N | N | 50 | N | N | 200 | 100 | N | 39 |
| H1R0510 | N | 5 | N | <100 | 50 | N | N | N | 100 | N | 39 |
| H1R0520 | N | 5 | N | N | 50 | N | N | N | 100 | N | 39 |
| H1R0530 | N | 10 | N | <100 | 100 | N | N | <200 | 150 | N | 39 |
| H1R0540 | N | 5 | N | N | 50 | N | N | N | 150 | N | 39 |
| H1R0550 | N | 5 | N | N | 50 | N | N | N | 150 | N | 39 |
| H1R0560 | N | N | N | 100 | 20 | N | N | N | 50 | N | 39 |
| H1R0570 | N | N | N | <100 | 50 | N | N | N | 50 | N | 39 |
| H1R0580 | N | 7 | N | N | 100 | N | N | <200 | 100 | N | 39 |
| H1R0590 | N | N | N | N | 30 | N | N | N | 30 | N | 39 |
| H1R0600 | N | N | N | N | 15 | N | N | N | 20 | N | 39 |
| H1R0610 | N | 5 | N | N | 70 | N | N | N | 100 | N | 39 |
| H1R0620 | N | <5 | N | N | 50 | N | N | N | 100 | N | 19 |
| H1R0630 | N | N | N | N | 20 | N | N | N | 20 | N | 19 |
| H1R0640 | N | 5 | N | N | 50 | N | N | N | 100 | N | 19 |
| H1R0650 | N | <5 | N | N | 30 | N | N | N | 50 | N | 19 |
| H1R0660 | N | N | N | N | 20 | N | N | N | 30 | N | 19 |
| H1R0670 | N | N | N | N | 30 | N | N | 300 | 50 | N | 19 |
| H1R0680 | N | N | N | N | 10 | N | N | N | 10 | N | 19 |
| H1R0690 | N | N | N | N | 10 | N | N | N | <10 | N | 19 |
| H1R0700 | N | N | N | N | 30 | N | N | N | 100 | N | 19 |
| H1R0710 | N | N | N | N | 30 | N | N | N | 50 | N | 19 |
| H1R0720 | N | N | N | N | 10 | <50 | N | N | 30 | N | 19 |
| H1R0730 | N | N | N | N | <10 | <50 | N | N | 20 | N | 19 |
| H1R0740 | N | N | N | N | <10 | <50 | N | N | 10 | N | 19 |
| H1R0750 | N | N | N | N | 15 | <50 | N | N | <10 | N | 19 |
| H1R0760 | N | N | N | N | <10 | <50 | N | N | N | N | 19 |
| H1R0770 | N | N | N | N | 20 | <50 | N | N | 50 | N | 19 |
| H1R0780 | N | N | N | N | 10 | <50 | N | N | 50 | N | 19 |
| H1R0790 | N | N | N | N | 10 | <50 | N | N | 50 | N | 19 |
| H1R0800 | N | N | N | N | <10 | <50 | N | N | 20 | N | 19 |
| H1R0810 | N | N | N | N | 10 | <50 | N | N | 50 | N | 19 |
| H1R0820 | N | N | N | N | <10 | <50 | N | N | 30 | N | 19 |
| H1R0830 | N | N | N | N | 10 | <50 | N | N | 10 | N | 19 |
| H1R0840 | N | N | N | N | 10 | <50 | N | N | <10 | N | 19 |
| H1R0850 | N | N | N | N | <10 | <50 | N | N | <10 | N | 19 |
| H1R0860 | N | N | N | N | 15 | <50 | N | N | 10 | N | 19 |
| H1R0870 | N | N | N | N | 15 | <50 | N | N | 10 | N | 19 |
| H1R0880 | N | N | N | N | 10 | <50 | N | N | 20 | N | 19 |
| H1R0890 | N | N | N | N | 10 | <50 | N | N | 10 | N | 19 |
| H1R0900 | N | N | N | N | <10 | <50 | N | N | 10 | N | 19 |
| H1R0910 | N | N | N | N | 15 | <50 | N | N | N | N | 19 |
| H1R0920 | N | N | N | N | 10 | <50 | N | N | 10 | N | 19 |

TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H1, 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 | Be-ppm s |
|---|---|---|---|---|---|---|---|---|---|---|
| H1R0930 | 7.00 | .05 | <.05 | .020 | 10 | N | 1,000 | N | 15 | 30 |
| H1R0940 | 1.00 | .05 | <.05 | .020 | <10 | N | <200 | N | 20 | 20 |
| H1R0950 | 1.00 | .15 | .05 | .050 | 10 | N | N | N | 20 | 100 |
| H1R0960 | .50 | .10 | <.05 | .050 | <10 | N | N | N | 20 | 50 |
| H1R0970 | 1.50 | .20 | .05 | .070 | 20 | N | N | N | 50 | 100 |
| H1R0980 | 1.50 | .20 | .05 | .050 | 15 | N | N | N | 50 | 100 |
| H1R0990 | 1.50 | .20 | .05 | .050 | 15 | N | N | N | 50 | 50 |
| H1R1000 | .50 | .10 | .05 | .020 | 10 | N | N | N | 20 | 50 |
| H1R1010 | 1.00 | .10 | .07 | .030 | 10 | N | N | N | 20 | 20 |
| H1R1020 | 3.00 | .50 | .50 | .050 | 20 | N | N | N | 50 | 50 |
| H1R1030 | .50 | .07 | .10 | .010 | <10 | N | N | N | 20 | 30 |
| H1R1040 | .70 | .20 | .15 | .050 | <10 | N | N | N | 20 | 70 |
| H1R1050 | .30 | .05 | .05 | .003 | <10 | N | N | N | 15 | 50 |
| H1R1060 | .50 | .02 | <.05 | .003 | <10 | N | N | N | 20 | 20 |
| H1R1070 | .15 | .02 | <.05 | .003 | <10 | N | N | N | 15 | 20 |
| H1R1080 | <.05 | .02 | <.05 | .003 | <10 | N | N | N | 20 | 20 |
| H1R1090 | <.05 | .02 | .10 | <.002 | <10 | N | N | N | 15 | 20 |
| H1R1100 | <.05 | <.02 | .05 | .002 | <10 | N | N | N | 15 | <20 |
| H1R1110 | .10 | <.02 | .05 | .002 | <10 | N | N | N | 20 | 50 |
| H1R1120 | .30 | .05 | .05 | .007 | 100 | N | N | N | 20 | 70 |
| H1R1130 | .20 | .02 | .05 | .005 | 100 | N | N | N | 20 | 20 |
| H1R1140 | 1.00 | .02 | <.05 | .005 | 15 | N | N | N | 30 | 20 |
| H1R1150 | .50 | .02 | <.05 | .005 | 10 | N | N | N | 20 | <20 |
| H1R1160 | .30 | .02 | .07 | .002 | 10 | N | N | N | 20 | <20 |
| H1R1170 | .50 | .05 | .05 | .015 | 10 | N | N | N | 20 | <20 |
| H1R1180 | .30 | .05 | .05 | .003 | 10 | N | N | N | 20 | <20 |
| H1R1190 | .20 | .02 | .05 | .002 | <10 | N | N | N | 20 | 50 |
| H1R1200 | .30 | .03 | <.05 | .003 | <10 | N | N | N | 30 | 30 |
| H1R1210 | 1.00 | .05 | <.05 | .007 | 10 | N | N | N | 20 | <20 |
| H1R1220 | .30 | .05 | <.05 | .007 | <10 | N | N | N | 30 | <20 |
| H1R1230 | .70 | .05 | .05 | .020 | <10 | N | N | N | 30 | <20 |
| H1R1240 | 1.00 | .05 | <.05 | .010 | 10 | N | N | N | 30 | <20 |
| H1R1250 | .10 | .03 | <.05 | .002 | <10 | N | N | N | 20 | <20 |
| H1R1260 | 1.00 | .05 | <.05 | .030 | 50 | N | N | N | 15 | <20 |
| H1R1270 | 1.00 | .07 | <.05 | .050 | 70 | N | N | N | 30 | <20 |
| H1R1280 | .70 | .05 | <.05 | .015 | 10 | N | N | N | 20 | <20 |
| H1R1290 | 1.50 | .05 | <.05 | .010 | 20 | N | N | N | 30 | 20 |
| H1R1300 | 1.00 | .05 | <.05 | .015 | 15 | N | N | N | 30 | <20 |
| H1R1310 | 1.00 | .05 | <.05 | .070 | 200 | N | N | N | 30 | <20 |
| H1R1320 | 1.00 | .07 | <.05 | .030 | <10 | N | N | N | 30 | 30 |
| H1R1330 | .20 | .07 | <.05 | .020 | <10 | N | N | N | 20 | 20 |
| H1R1340 | .30 | .03 | <.05 | .005 | <10 | N | N | N | 20 | <20 |
| H1R1350 | 1.50 | .07 | <.05 | .030 | 15 | N | N | N | 30 | 30 |
| H1R1360 | .30 | .03 | <.05 | .003 | 10 | N | N | N | 30 | <20 |
| H1R1370 | .10 | .02 | <.05 | .002 | <10 | N | N | N | 30 | <20 |

TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H1, 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| H1R0930 | <1.0 | N | N | 7 | 10 | 50 | N | 700 | N | 20 | 10 |
| H1R0940 | N | N | N | N | 10 | <5 | N | 50 | N | 5 | N |
| H1R0950 | <1.0 | N | N | N | 15 | 10 | N | 50 | N | 10 | N |
| H1R0960 | <1.0 | N | N | N | 15 | <5 | N | 20 | N | 7 | N |
| H1R0970 | <1.0 | N | N | 5 | 20 | 10 | N | 50 | N | 10 | <10 |
| H1R0980 | <1.0 | N | N | <5 | 15 | 20 | N | 30 | N | 15 | <10 |
| H1R0990 | <1.0 | N | N | N | 20 | 100 | N | 20 | N | 10 | N |
| H1R1000 | <1.0 | N | N | N | 10 | 7 | N | 10 | N | 7 | N |
| H1R1010 | <1.0 | N | N | N | 15 | 150 | N | 15 | N | 10 | <10 |
| H1R1020 | <1.0 | N | N | N | 20 | 15 | N | 30 | N | 15 | 20 |
| H1R1030 | <1.0 | N | N | N | <10 | <5 | N | 5 | N | 5 | <10 |
| H1R1040 | <1.0 | N | N | N | 10 | 10 | N | 15 | N | 7 | 30 |
| H1R1050 | <1.0 | N | N | N | <10 | <5 | N | <5 | N | 5 | N |
| H1R1060 | <1.0 | N | N | N | <10 | <5 | N | 5 | N | 5 | N |
| H1R1070 | <1.0 | N | N | N | <10 | <5 | N | N | N | 5 | N |
| H1R1080 | N | N | N | N | <10 | <5 | N | N | N | 5 | N |
| H1R1090 | N | N | N | N | <10 | <5 | N | <5 | N | 5 | N |
| H1R1100 | <1.0 | N | N | N | <10 | <5 | N | N | N | 7 | N |
| H1R1110 | <1.0 | N | N | N | <10 | <5 | N | N | N | 7 | N |
| H1R1120 | N | N | N | N | <10 | <5 | N | 20 | N | 7 | N |
| H1R1130 | N | N | N | N | <10 | <5 | N | <5 | N | 7 | N |
| H1R1140 | <1.0 | N | N | N | <10 | <5 | N | <5 | N | 7 | <10 |
| H1R1150 | <1.0 | N | N | N | <10 | 5 | N | 5 | N | 7 | N |
| H1R1160 | <1.0 | N | N | N | <10 | <5 | N | N | N | 10 | N |
| H1R1170 | <1.0 | N | N | N | <10 | 7 | N | N | N | 7 | <10 |
| H1R1180 | <1.0 | N | N | N | <10 | 5 | N | N | N | 5 | N |
| H1R1190 | <1.0 | N | N | N | <10 | <5 | N | N | N | 5 | N |
| H1R1200 | <1.0 | N | N | N | <10 | <5 | N | N | N | 5 | <10 |
| H1R1210 | <1.0 | N | N | N | <10 | 7 | N | <5 | N | 7 | <10 |
| H1R1220 | <1.0 | N | N | N | <10 | 7 | N | N | N | 5 | <10 |
| H1R1230 | <1.0 | N | N | N | <10 | 7 | N | N | N | 7 | <10 |
| H1R1240 | <1.0 | N | N | N | <10 | 7 | N | 7 | N | 7 | <10 |
| H1R1250 | <1.0 | N | N | N | <10 | <5 | N | N | N | 5 | <10 |
| H1R1260 | <1.0 | N | N | N | <10 | <5 | N | 20 | N | 5 | <10 |
| H1R1270 | <1.0 | N | N | N | <10 | 5 | N | 10 | N | 5 | <10 |
| H1R1280 | <1.0 | N | N | N | <10 | 5 | N | 5 | N | 7 | <10 |
| H1R1290 | <1.0 | N | N | N | <10 | 7 | N | 10 | N | 7 | 50 |
| H1R1300 | <1.0 | N | N | N | <10 | 5 | N | 5 | N | 7 | 10 |
| H1R1310 | <1.0 | N | N | N | <10 | 7 | N | <5 | N | 7 | 10 |
| H1R1320 | <1.0 | N | N | N | <10 | 5 | N | N | N | 7 | 10 |
| H1R1330 | <1.0 | N | N | N | <10 | <5 | N | N | N | 5 | <10 |
| H1R1340 | <1.0 | N | N | N | <10 | <5 | N | 7 | N | 10 | <10 |
| H1R1350 | <1.0 | N | N | N | <10 | 20 | N | 5 | N | 10 | <10 |
| H1R1360 | <1.0 | N | N | N | <10 | <5 | N | <5 | N | 7 | N |
| H1R1370 | <1.0 | N | N | N | <10 | <5 | N | N | N | 5 | N |

TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H1, 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| H1R0930 | N | N | N | N | 15 | <50 | N | N | 20 | N | 19 |
| H1R0940 | N | N | N | N | 10 | <50 | N | N | <10 | N | 19 |
| H1R0950 | N | N | N | N | 30 | N | N | N | 70 | N | 18 |
| H1R0960 | N | N | N | N | 50 | N | N | N | 50 | N | 18 |
| H1R0970 | N | N | N | N | 70 | N | N | <200 | 20 | N | 18 |
| H1R0980 | N | N | N | N | 50 | N | N | <200 | 15 | N | 18 |
| H1R0990 | N | N | N | N | 50 | N | N | N | <10 | N | 18 |
| H1R1000 | N | N | N | N | 30 | N | N | N | N | N | 18 |
| H1R1010 | N | N | N | N | 50 | N | N | N | N | N | 18 |
| H1R1020 | N | N | N | N | 70 | N | N | N | <10 | N | 18 |
| H1R1030 | N | N | N | N | <10 | N | N | N | N | N | 18 |
| H1R1040 | N | N | N | N | 50 | N | N | N | N | N | 18 |
| H1R1050 | N | N | N | N | <10 | N | N | N | N | N | 18 |
| H1R1060 | N | N | N | N | <10 | N | N | N | N | N | 18 |
| H1R1070 | N | N | N | N | <10 | N | N | N | N | N | 18 |
| H1R1080 | N | N | N | N | <10 | N | N | N | N | N | 18 |
| H1R1090 | N | N | N | N | <10 | N | N | N | N | N | 18 |
| H1R1100 | N | N | N | N | <10 | N | N | N | N | N | 18 |
| H1R1110 | N | N | N | N | <10 | N | N | N | N | N | 18 |
| H1R1120 | N | N | N | N | <10 | N | N | N | N | N | 18 |
| H1R1130 | N | N | N | N | <10 | N | N | N | N | N | 18 |
| H1R1140 | N | N | N | N | <10 | <50 | N | N | N | N | 18 |
| H1R1150 | N | N | N | N | <10 | <50 | N | N | N | N | 18 |
| H1R1160 | N | N | N | N | <10 | <50 | N | N | N | N | 18 |
| H1R1170 | N | N | N | N | 10 | <50 | N | N | N | N | 18 |
| H1R1180 | N | N | N | N | <10 | <50 | N | N | N | N | 18 |
| H1R1190 | N | N | N | N | <10 | <50 | N | N | N | N | 18 |
| H1R1200 | N | N | N | N | <10 | N | N | N | N | N | 18 |
| H1R1210 | N | N | N | N | 15 | N | N | N | N | N | 18 |
| H1R1220 | N | N | N | N | 10 | N | N | N | N | N | 18 |
| H1R1230 | N | N | N | N | 20 | N | N | N | N | N | 18 |
| H1R1240 | N | N | N | N | 15 | N | N | N | N | N | 18 |
| H1R1250 | N | N | N | N | <10 | N | N | N | N | N | 18 |
| H1R1260 | N | N | N | N | 10 | N | N | N | N | N | 18 |
| H1R1270 | N | N | N | N | 10 | <50 | N | N | N | N | 18 |
| H1R1280 | N | N | N | N | <10 | <50 | N | N | N | N | 18 |
| H1R1290 | N | N | N | N | <10 | <50 | N | N | N | N | 18 |
| H1R1300 | N | N | N | N | <10 | <50 | N | N | N | N | 18 |
| H1R1310 | N | N | N | N | <10 | N | N | N | N | N | 18 |
| H1R1320 | N | N | N | N | 10 | <50 | N | N | N | N | 18 |
| H1R1330 | N | N | N | N | <10 | <50 | N | N | N | N | 18 |
| H1R1340 | N | N | N | N | <10 | <50 | N | N | N | N | 18 |
| H1R1350 | N | N | N | N | 10 | N | N | N | <10 | N | 18 |
| H1R1360 | N | N | N | N | <10 | N | N | N | N | N | 18 |
| H1R1370 | N | N | N | N | <10 | N | N | N | N | N | 18 |

TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H1, HARRISON 1 ‹ 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| H1R1380 | .20 | .05 | .07 | .010 | 10 | N | N | N | 20 | 100 |
| H1R1390 | 1.00 | .05 | .05 | .007 | 10 | N | N | N | 20 | 20 |
| H1R1400 | .20 | .03 | .05 | .005 | 10 | N | N | N | 20 | <20 |
| H1R1410 | 2.00 | .03 | .05 | .015 | 10 | N | N | N | 30 | 30 |
| H1R1420 | .15 | .05 | .10 | .005 | <10 | N | N | N | 20 | <20 |
| H1R1430 | 1.00 | .07 | .10 | .007 | 10 | N | N | N | 15 | 50 |
| H1R1440 | .70 | <.02 | .05 | .005 | <10 | N | N | N | 20 | 50 |
| H1R1450 | .50 | <.02 | .07 | .003 | <10 | N | N | N | 20 | <20 |
| H1R1460 | .70 | <.02 | <.05 | .007 | 10 | N | N | N | <10 | <20 |
| H1R1470 | .50 | <.02 | <.05 | .007 | <10 | N | N | N | <10 | <20 |
| H1R1480 | .50 | .02 | <.05 | .010 | 10 | N | N | N | 15 | <20 |
| H1R1490 | .07 | .02 | <.05 | <.002 | <10 | N | N | N | 10 | <20 |
| H1R1503 | .70 | .15 | .20 | .005 | 10 | N | N | N | <10 | 20 |

TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H1, 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| H1R1380 | <1.0 | N | N | N | <10 | <5 | N | N | N | 5 | N |
| H1R1390 | <1.0 | N | N | N | <10 | <5 | N | 5 | N | 5 | N |
| H1R1400 | <1.0 | N | N | N | <10 | <5 | N | <5 | N | 5 | N |
| H1R1410 | <1.0 | N | N | N | <10 | 15 | N | 10 | N | 10 | 10 |
| H1R1420 | <1.0 | N | N | N | <10 | <5 | N | 5 | N | 5 | <10 |
| H1R1430 | <1.0 | N | N | N | <10 | 5 | N | 50 | N | 7 | <10 |
| H1R1440 | <1.0 | N | N | N | <10 | <5 | N | 7 | N | 7 | <10 |
| H1R1450 | <1.0 | N | N | N | <10 | <5 | N | <5 | N | 5 | <10 |
| H1R1460 | <1.0 | N | N | N | <10 | <5 | N | <5 | N | 5 | <10 |
| H1R1470 | <1.0 | N | N | N | <10 | 10 | N | N | N | 5 | <10 |
| H1R1480 | <1.0 | N | N | N | <10 | <5 | N | 7 | N | 7 | <10 |
| H1R1490 | <1.0 | N | N | N | <10 | 5 | N | N | N | 7 | <10 |
| H1R1503 | <1.0 | N | N | N | <10 | <5 | N | <5 | N | 7 | <10 |

TABLE 1.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H1, 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| H1R1380 | N | N | N | N | <10 | N | N | N | N | N | 18 |
| H1R1390 | N | N | N | N | <10 | N | N | N | N | N | 18 |
| H1R1400 | N | N | N | N | <10 | N | N | N | N | N | 18 |
| H1R1410 | N | N | N | N | <10 | N | N | N | N | N | 18 |
| H1R1420 | N | N | N | N | <10 | N | N | N | N | N | 18 |
| H1R1430 | N | N | N | N | <10 | N | N | N | 10 | N | 18 |
| H1R1440 | N | N | N | N | <10 | N | N | N | 15 | N | 17 |
| H1R1450 | N | N | N | N | <10 | N | N | N | N | N | 17 |
| H1R1460 | N | N | N | N | <10 | N | N | N | 50 | N | 17 |
| H1R1470 | N | N | N | N | <10 | N | N | N | 200 | N | 17 |
| H1R1480 | N | N | N | N | <10 | N | N | N | 30 | N | 17 |
| H1R1490 | N | N | N | N | <10 | N | N | N | <10 | N | 17 |
| H1R1503 | N | N | N | N | <10 | N | N | N | N | N | 17 |

TABLE 2.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H2, HARRISON 1 ◗ 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| H2R0140 | .70 | .70 | .70 | .050 | 20 | N | N | N | 50 | 30 |
| H2R0150 | .30 | .30 | .15 | .070 | 10 | N | N | N | 50 | 50 |
| H2R0160 | .30 | .20 | .50 | .030 | 10 | N | N | N | 50 | 50 |
| H2R0170 | .07 | .20 | .30 | .005 | <10 | N | N | N | 50 | 20 |
| H2R0180 | .05 | .20 | .50 | .003 | <10 | N | N | N | 50 | <20 |
| H2R0190 | .10 | .30 | .50 | .005 | 20 | N | N | N | 50 | <20 |
| H2R0200 | .30 | .20 | .15 | .030 | <10 | N | N | N | 50 | 150 |
| H2R0210 | .20 | .20 | .20 | .030 | 20 | N | N | N | 50 | 20 |
| H2R0220 | .20 | .20 | .15 | .020 | 150 | N | N | N | 50 | 70 |
| H2R0230 | .30 | .20 | .10 | .030 | 30 | N | N | N | 50 | 50 |
| H2R0240 | .30 | .15 | .15 | .030 | 50 | N | N | N | 30 | 50 |
| H2R0250 | .70 | .20 | .07 | .050 | 30 | N | N | N | 50 | 70 |
| H2R0260 | .50 | .30 | .30 | .070 | 70 | N | N | N | 30 | 100 |
| H2R0270 | .50 | .50 | .50 | .050 | 70 | N | N | N | 100 | 30 |
| H2R0280 | .15 | .10 | .20 | .015 | 10 | N | N | N | 30 | 20 |
| H2R0290 | .10 | .10 | .15 | .005 | <10 | N | N | N | 20 | 20 |
| H2R0300 | <.05 | .03 | .05 | .002 | <10 | N | N | N | 10 | <20 |
| H2R0310 | <.05 | .05 | <.05 | .020 | <10 | N | N | N | 20 | 20 |
| H2R0320 | .20 | .20 | .10 | .050 | 15 | N | N | N | 50 | 20 |
| H2R0330 | .20 | .20 | .20 | .030 | <10 | N | N | N | 30 | 20 |
| H2R0340 | .50 | .50 | .20 | .070 | 10 | N | N | N | 50 | 20 |
| H2R0350 | 1.00 | .50 | .50 | .030 | N | N | N | N | 50 | 30 |
| H2R0360 | 1.00 | .30 | .20 | .070 | <10 | N | N | N | 50 | 300 |
| H2R0370 | 2.00 | .70 | .30 | .100 | 20 | N | N | N | 70 | 200 |
| H2R0380 | 2.00 | .70 | .15 | .100 | 20 | N | N | N | 50 | 150 |
| H2R0390 | 1.00 | 1.00 | .20 | .150 | 20 | N | N | N | 100 | 100 |
| H2R0400 | .70 | .50 | .05 | .150 | 15 | N | N | N | 100 | 100 |
| H2R0410 | .50 | .20 | .05 | .050 | <10 | N | N | N | 30 | 200 |
| H2R0420 | 1.00 | .30 | .07 | .070 | 15 | N | N | N | 50 | 100 |
| H2R0430 | .50 | .20 | .05 | .050 | 10 | N | N | N | 30 | 100 |
| H2R0440 | 3.00 | 1.00 | .10 | .200 | 30 | N | N | N | 100 | 150 |
| H2R0450 | 5.00 | 1.50 | 1.00 | .150 | 30 | N | N | N | 100 | 200 |
| H2R0460 | 1.00 | .20 | .10 | .030 | 10 | N | N | N | 30 | 50 |
| H2R0470 | .30 | .15 | .07 | .030 | 10 | N | N | N | 30 | 20 |
| H2R0490 | .20 | .10 | .05 | .030 | <10 | N | N | N | 20 | 150 |
| H2R0500 | .07 | .05 | .05 | .020 | 10 | N | N | N | 15 | 20 |
| H2R0510 | .20 | .03 | <.05 | .010 | <10 | N | N | N | 15 | 200 |
| H2R0530 | 1.00 | .20 | .30 | .015 | <10 | N | N | N | 30 | 20 |
| H2R0540 | .70 | .20 | .20 | .030 | <10 | N | N | N | 30 | 50 |
| H2R0550 | .50 | .15 | .10 | .030 | <10 | N | N | N | 20 | 50 |
| H2R0560 | .50 | .15 | .10 | .030 | <10 | N | N | N | 50 | 70 |
| H2R0570 | 1.00 | .20 | .07 | .050 | 10 | N | N | N | 30 | 150 |
| H2R0590 | 1.00 | .30 | .15 | .050 | 10 | N | N | N | 30 | 100 |
| H2R0600 | 1.50 | .50 | .50 | .030 | 10 | N | N | N | 50 | 100 |
| H2R0610 | .50 | .15 | .15 | .030 | 20 | N | N | N | 30 | 100 |

TABLE 2.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H2, 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| H2R0140 | <1.0 | N | N | N | 20 | 7 | N | N | N | 5 | 10 |
| H2R0150 | 1.0 | N | N | N | 20 | 7 | N | N | N | <5 | <10 |
| H2R0160 | <1.0 | N | N | N | 15 | 5 | N | N | N | 5 | N |
| H2R0170 | <1.0 | N | N | N | 10 | <5 | N | N | N | 5 | N |
| H2R0180 | N | N | N | N | <10 | <5 | N | N | N | <5 | N |
| H2R0190 | N | N | N | N | <10 | <5 | N | N | N | <5 | N |
| H2R0200 | <1.0 | N | N | N | 15 | 5 | N | N | N | 5 | N |
| H2R0210 | 1.0 | N | N | N | 10 | 5 | N | N | N | 5 | N |
| H2R0220 | 1.0 | N | N | 10 | 10 | 5 | N | N | N | 7 | <10 |
| H2R0230 | 1.0 | N | N | N | 15 | 5 | N | N | N | 5 | N |
| H2R0240 | 1.0 | N | N | N | 15 | 5 | N | N | N | 7 | N |
| H2R0250 | 1.0 | N | N | N | 50 | 7 | N | 5 | N | 7 | <10 |
| H2R0260 | 1.0 | N | N | <5 | 30 | 7 | N | N | N | 10 | 10 |
| H2R0270 | 1.0 | N | N | N | 20 | 100 | N | N | N | 5 | 50 |
| H2R0280 | <1.0 | N | N | N | 10 | 5 | N | N | N | <5 | N |
| H2R0290 | <1.0 | N | N | N | 20 | <5 | N | N | N | 5 | N |
| H2R0300 | N | N | N | N | <10 | <5 | N | N | N | <5 | N |
| H2R0310 | N | N | N | N | <10 | <5 | N | N | N | 5 | N |
| H2R0320 | <1.0 | N | N | N | 20 | 5 | N | N | N | 5 | N |
| H2R0330 | <1.0 | N | N | N | N | <5 | N | N | N | <5 | N |
| H2R0340 | N | N | N | N | 20 | 10 | N | N | N | 5 | <10 |
| H2R0350 | N | N | N | N | N | 7 | N | N | N | <5 | N |
| H2R0360 | <1.0 | N | N | N | 10 | 100 | N | 5 | N | 5 | N |
| H2R0370 | <1.0 | N | N | N | 10 | 50 | N | N | N | 5 | 10 |
| H2R0380 | 1.0 | N | N | N | 20 | 30 | N | N | N | 10 | 15 |
| H2R0390 | 1.0 | N | N | N | 30 | 20 | N | N | N | 7 | 10 |
| H2R0400 | 1.0 | N | N | N | 30 | 20 | N | N | N | 10 | <10 |
| H2R0410 | <1.0 | N | N | N | 20 | 5 | N | N | N | 7 | N |
| H2R0420 | 1.0 | N | N | N | 20 | 15 | N | N | N | 5 | N |
| H2R0430 | <1.0 | N | N | N | 20 | 7 | N | N | N | 5 | N |
| H2R0440 | 1.5 | N | N | 5 | 70 | 100 | N | 5 | N | 15 | 20 |
| H2R0450 | 1.0 | N | N | N | 50 | 50 | N | 5 | N | 20 | 50 |
| H2R0460 | 1.0 | N | N | N | 10 | 10 | N | <5 | N | 7 | N |
| H2R0470 | <1.0 | N | N | N | 15 | 5 | N | N | N | 5 | N |
| H2R0490 | N | N | N | N | 10 | <5 | N | N | N | <5 | N |
| H2R0500 | N | N | N | N | <10 | <5 | N | N | N | <5 | N |
| H2R0510 | N | N | N | N | <10 | 50 | N | N | N | 5 | N |
| H2R0530 | 1.0 | N | N | N | 10 | 5 | N | N | N | <5 | 10 |
| H2R0540 | <1.0 | N | N | N | 10 | 5 | N | N | N | 5 | 10 |
| H2R0550 | N | N | N | N | 10 | 5 | N | N | N | 5 | <10 |
| H2R0560 | N | N | N | N | 10 | 5 | N | N | N | 5 | <10 |
| H2R0570 | <1.0 | N | N | N | 20 | 7 | N | N | N | 5 | 10 |
| H2R0590 | 1.0 | N | N | N | 20 | 7 | N | N | N | 7 | 10 |
| H2R0600 | 1.0 | N | N | N | 10 | 10 | N | N | N | 7 | 10 |
| H2R0610 | <1.0 | N | N | N | 10 | 5 | N | N | N | 5 | N |

TABLE 2.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H2, 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| H2R0140 | N | N | N | 100 | 10 | N | N | N | 10 | N | 39 |
| H2R0150 | N | N | N | <100 | 10 | N | N | N | 20 | N | 39 |
| H2R0160 | N | N | N | <100 | <10 | N | N | N | <10 | N | 39 |
| H2R0170 | N | N | N | 100 | <10 | N | N | N | <10 | N | 39 |
| H2R0180 | N | N | N | <100 | <10 | N | N | <200 | N | N | 39 |
| H2R0190 | N | N | N | 100 | <10 | N | N | <200 | N | N | 39 |
| H2R0200 | N | N | N | <100 | <10 | N | N | N | 20 | N | 39 |
| H2R0210 | N | N | N | <100 | <10 | N | N | N | 10 | N | 39 |
| H2R0220 | N | N | N | <100 | <10 | N | N | N | 20 | N | 39 |
| H2R0230 | N | N | N | N | 10 | N | N | N | 10 | N | 39 |
| H2R0240 | N | N | N | N | <10 | N | N | N | <10 | N | 39 |
| H2R0250 | N | N | N | N | 10 | N | N | N | 30 | N | 39 |
| H2R0260 | N | N | N | N | 15 | N | N | N | 30 | N | 39 |
| H2R0270 | N | N | N | N | <10 | N | N | N | <10 | N | 39 |
| H2R0280 | N | N | N | N | <10 | N | N | <200 | N | N | 39 |
| H2R0290 | N | N | N | N | <10 | N | N | N | N | N | 39 |
| H2R0300 | N | N | N | N | <10 | N | N | N | 10 | N | 39 |
| H2R0310 | N | N | N | N | <10 | N | N | N | 10 | N | 39 |
| H2R0320 | N | N | N | N | 15 | N | N | N | 20 | N | 39 |
| H2R0330 | N | N | N | N | <10 | N | N | N | <10 | N | 39 |
| H2R0340 | N | N | N | <100 | <10 | N | N | N | 30 | N | 39 |
| H2R0350 | N | N | N | N | <10 | N | N | N | <10 | N | 39 |
| H2R0360 | N | N | N | 150 | 10 | N | N | N | 70 | N | 39 |
| H2R0370 | N | N | N | <100 | 15 | <50 | N | N | 50 | N | 39 |
| H2R0380 | N | N | N | <100 | 20 | N | N | N | 50 | N | 39 |
| H2R0390 | N | N | N | N | 30 | <50 | N | N | 50 | N | 39 |
| H2R0400 | N | N | N | N | 20 | <50 | N | N | 50 | N | 39 |
| H2R0410 | N | N | N | N | 10 | N | N | N | 50 | N | 39 |
| H2R0420 | N | N | N | N | 15 | <50 | N | N | 30 | N | 39 |
| H2R0430 | N | N | N | 200 | 10 | <50 | N | N | 20 | N | 39 |
| H2R0440 | N | 5 | N | <100 | 50 | N | N | N | 50 | N | 39 |
| H2R0450 | N | N | N | N | 30 | N | N | N | 50 | N | 39 |
| H2R0460 | N | N | N | N | <10 | N | N | N | 20 | N | 39 |
| H2R0470 | N | N | N | 100 | <10 | <50 | N | N | <10 | N | 39 |
| H2R0490 | N | N | N | N | <10 | <50 | N | N | 50 | N | 39 |
| H2R0500 | N | N | N | <100 | <10 | <50 | N | N | 20 | N | 19 |
| H2R0510 | N | N | N | N | <10 | <50 | N | N | 20 | N | 19 |
| H2R0530 | N | N | N | N | <10 | N | N | N | N | N | 19 |
| H2R0540 | N | N | N | N | <10 | N | N | N | <10 | N | 19 |
| H2R0550 | N | N | N | 150 | <10 | N | N | N | 15 | N | 19 |
| H2R0560 | N | N | N | <100 | <10 | <50 | N | N | 30 | N | 19 |
| H2R0570 | N | N | N | N | 10 | N | N | N | 50 | N | 19 |
| H2R0590 | N | N | N | N | 20 | N | N | N | 20 | N | 19 |
| H2R0600 | N | N | N | N | 15 | N | N | N | 30 | N | 19 |
| H2R0610 | N | N | N | N | <10 | N | N | N | 50 | N | 19 |

TABLE 2.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H2, 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 | Be-ppm s |
|---|---|---|---|---|---|---|---|---|---|---|
| H2R0620 | .70 | .15 | .10 | .030 | 15 | N | N | N | 30 | 100 |
| H2R0630 | .50 | .20 | .30 | .030 | 20 | N | N | N | 30 | 100 |
| H2R0640 | .50 | .15 | .05 | .030 | <10 | N | N | N | 30 | 50 |
| H2R0650 | .70 | .30 | .20 | .070 | 50 | N | N | N | 50 | 50 |
| H2R0670 | .20 | .15 | .15 | .050 | 20 | N | N | N | 30 | 100 |
| H2R0680 | 2.00 | .20 | .15 | .050 | 15 | N | N | N | 50 | 70 |
| H2R0690 | 2.00 | .50 | .70 | .070 | 30 | N | N | N | 50 | 100 |
| H2R0700 | .50 | .15 | .15 | .030 | 10 | N | N | N | 30 | 20 |
| H2R0710 | .07 | .05 | .10 | .007 | <10 | N | N | N | 30 | <20 |
| H2R0720 | 3.00 | .20 | .10 | .050 | 50 | N | N | N | 50 | 200 |
| H2R0730 | .50 | .20 | .30 | .030 | 15 | N | N | N | 50 | <20 |
| H2R0740 | .07 | .20 | .10 | .050 | <10 | N | N | N | 50 | 70 |
| H2R0750 | <.05 | .05 | .05 | .010 | <10 | N | N | N | 30 | <20 |
| H2R0760 | <.05 | .20 | .15 | .050 | <10 | N | N | N | 20 | 20 |
| H2R0770 | .07 | .10 | .05 | .050 | <10 | N | N | N | 20 | 100 |
| H2R0780 | .20 | .30 | .10 | .070 | 10 | N | N | N | 50 | 200 |
| H2R0790 | <.05 | .05 | .07 | .005 | <10 | N | N | N | 20 | 50 |
| H2R0800 | <.05 | .05 | <.05 | .030 | <10 | N | N | N | 20 | 20 |
| H2R0810 | .07 | .10 | .10 | .020 | 10 | N | N | N | 20 | <20 |
| H2R0820 | .50 | .20 | .10 | .030 | 10 | N | N | N | 30 | 20 |
| H2R0830 | .10 | .10 | .05 | .050 | 10 | N | N | N | 20 | 50 |
| H2R0840 | .05 | .03 | <.05 | .020 | <10 | N | N | N | 20 | 50 |
| H2R0850 | 1.00 | .10 | <.05 | .050 | 10 | N | N | N | 30 | 30 |
| H2R0860 | 1.50 | .15 | .07 | .050 | <10 | N | N | N | 30 | 50 |
| H2R0870 | 1.50 | .30 | <.05 | .070 | <10 | N | N | N | 50 | 50 |
| H2R0880 | 1.00 | .20 | .05 | .070 | <10 | N | N | N | 50 | 50 |
| H2R0890 | .70 | .30 | .10 | .100 | 10 | N | N | N | 50 | 100 |
| H2R0900 | .50 | .10 | <.05 | .050 | <10 | N | N | N | 30 | 50 |
| H2R0910 | .20 | <.02 | <.05 | .005 | <10 | N | N | N | 50 | 20 |
| H2R0920 | <.05 | .02 | <.05 | .005 | <10 | N | N | N | 30 | 50 |
| H2R0930 | <.05 | <.02 | <.05 | .005 | <10 | N | N | N | 30 | 20 |
| H2R0940 | <.05 | .02 | <.05 | .005 | <10 | N | N | N | 20 | 20 |
| H2R0950 | .30 | .07 | .10 | .005 | 10 | N | N | N | 20 | <20 |
| H2R0960 | .05 | .02 | .07 | .005 | <10 | N | N | N | 15 | 30 |
| H2R0970 | .50 | .15 | <.05 | .020 | 10 | N | N | N | 15 | 50 |
| H2R0980 | .10 | .05 | <.05 | .015 | <10 | N | N | N | 15 | 20 |
| H2R0990 | .10 | .07 | .05 | .020 | 10 | N | N | N | 20 | 30 |
| H2R1000 | .05 | .05 | <.05 | .020 | <10 | N | N | N | 15 | <20 |
| H2R1010 | <.05 | .02 | <.05 | .005 | <10 | N | N | N | 10 | <20 |
| H2R1020 | .05 | .05 | .05 | .020 | <10 | N | N | N | 15 | 20 |
| H2R1030 | .05 | <.02 | <.05 | .002 | 15 | N | N | N | 10 | <20 |
| H2R1040 | .15 | <.02 | <.05 | .002 | <10 | N | N | N | <10 | <20 |
| H2R1050 | .50 | .03 | .05 | .005 | 20 | N | N | N | 20 | <20 |
| H2R1060 | 1.00 | .20 | <.05 | .070 | 15 | N | N | N | 30 | 50 |
| H2R1070 | 1.00 | .07 | <.05 | .030 | 20 | N | N | N | 15 | 20 |

TABLE 2.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H2, 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| H2R0620 | N | N | N | N | 15 | 7 | N | N | N | <5 | <10 |
| H2R0630 | <1.0 | N | N | N | 10 | <5 | N | N | N | 5 | N |
| H2R0640 | <1.0 | N | N | N | 15 | <5 | N | N | N | 5 | N |
| H2R0650 | 1.0 | N | N | N | 20 | 5 | N | N | N | 5 | <10 |
| H2R0670 | <1.0 | N | N | N | 70 | <5 | N | N | N | <5 | <10 |
| H2R0680 | 1.0 | N | N | N | 50 | 15 | N | N | N | 10 | 10 |
| H2R0690 | 1.5 | N | N | N | 20 | 10 | N | N | N | 7 | 15 |
| H2R0700 | 1.0 | N | N | N | 20 | 5 | N | N | N | 5 | N |
| H2R0710 | <1.0 | N | N | N | 10 | <5 | N | N | N | <5 | N |
| H2R0720 | 1.5 | N | N | N | 15 | 7 | N | 5 | N | 5 | 15 |
| H2R0730 | <1.0 | N | N | N | 10 | <5 | N | N | N | 5 | N |
| H2R0740 | <1.0 | N | N | N | 10 | <5 | N | N | N | 5 | N |
| H2R0750 | N | N | N | N | <10 | <5 | N | N | N | 5 | N |
| H2R0760 | N | N | N | N | <10 | <5 | N | N | N | 5 | N |
| H2R0770 | <1.0 | N | N | N | 10 | <5 | N | N | N | 5 | N |
| H2R0780 | <1.0 | N | N | N | 20 | <5 | N | N | N | 5 | <10 |
| H2R0790 | N | N | N | N | <10 | N | N | N | N | 5 | N |
| H2R0800 | N | N | N | N | <10 | <5 | N | N | N | 5 | N |
| H2R0810 | N | N | N | N | <10 | <5 | N | N | N | 5 | N |
| H2R0820 | N | N | N | N | 10 | <5 | N | 5 | N | 7 | N |
| H2R0830 | <1.0 | N | N | N | <10 | <5 | N | N | N | 5 | N |
| H2R0840 | N | N | N | N | <10 | N | N | N | N | 5 | N |
| H2R0850 | N | N | N | N | 20 | <5 | N | N | N | 5 | N |
| H2R0860 | <1.0 | N | N | N | 10 | 5 | N | N | N | 7 | N |
| H2R0870 | <1.0 | N | N | N | 20 | 5 | N | N | N | 7 | N |
| H2R0880 | <1.0 | N | N | N | 15 | <5 | N | N | N | 7 | N |
| H2R0890 | <1.0 | N | N | N | 20 | <5 | N | N | N | 10 | N |
| H2R0900 | N | N | N | N | 10 | <5 | N | N | N | 7 | N |
| H2R0910 | N | N | N | N | <10 | <5 | N | N | N | 7 | N |
| H2R0920 | <1.0 | N | N | N | <10 | N | N | N | N | 7 | N |
| H2R0930 | <1.0 | N | N | N | N | N | N | N | N | 5 | N |
| H2R0940 | <1.0 | N | N | N | N | N | N | 15 | N | 10 | N |
| H2R0950 | <1.0 | N | N | N | N | <5 | N | N | N | 7 | N |
| H2R0960 | <1.0 | N | N | N | N | N | N | N | N | 5 | N |
| H2R0970 | N | N | N | N | <10 | <5 | N | 5 | N | 10 | N |
| H2R0980 | N | N | N | N | 20 | <5 | N | N | N | <5 | N |
| H2R0990 | N | N | N | N | <10 | N | N | N | N | 5 | N |
| H2R1000 | N | N | N | N | <10 | N | N | N | N | 5 | N |
| H2R1010 | N | N | N | N | <10 | N | N | N | N | 5 | N |
| H2R1020 | N | N | N | N | <10 | N | N | N | N | 5 | N |
| H2R1030 | N | N | N | N | <10 | N | N | N | N | <5 | N |
| H2R1040 | N | N | N | N | <10 | N | N | N | N | 5 | N |
| H2R1050 | N | N | N | N | <10 | N | N | N | N | 5 | N |
| H2R1060 | 1.0 | N | N | N | 10 | 5 | N | N | N | 5 | N |
| H2R1070 | 1.0 | N | N | N | <10 | <5 | N | N | N | 5 | N |

TABLE 2.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H2, 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| H2R0620 | N | N | N | N | <10 | N | N | N | 10 | N | 19 |
| H2R0630 | N | N | N | N | <10 | N | N | N | 10 | N | 19 |
| H2R0640 | N | N | N | N | 10 | <50 | N | N | <10 | N | 19 |
| H2R0650 | N | N | N | N | 15 | <50 | N | N | 10 | N | 19 |
| H2R0670 | N | N | N | N | 10 | <50 | N | N | 50 | N | 19 |
| H2R0680 | N | N | N | <100 | 15 | N | N | N | 30 | N | 18 |
| H2R0690 | N | N | N | N | 20 | N | N | N | 30 | N | 18 |
| H2R0700 | N | N | N | N | 15 | N | N | N | <10 | N | 18 |
| H2R0710 | N | N | N | N | <10 | N | N | N | <10 | N | 18 |
| H2R0720 | N | N | N | N | 20 | <50 | N | N | 50 | N | 18 |
| H2R0730 | N | N | N | N | 10 | N | N | N | <10 | N | 18 |
| H2R0740 | N | N | N | N | 15 | N | N | N | <10 | N | 18 |
| H2R0750 | N | N | N | N | <10 | N | N | N | <10 | N | 18 |
| H2R0760 | N | N | N | N | <10 | N | N | N | <10 | N | 18 |
| H2R0770 | N | N | N | <100 | <10 | <50 | N | N | 50 | N | 18 |
| H2R0780 | N | N | N | <100 | 15 | <50 | N | N | 30 | N | 18 |
| H2R0790 | N | N | N | N | <10 | <50 | N | N | N | N | 18 |
| H2R0800 | N | N | N | N | <10 | <50 | N | N | 10 | N | 18 |
| H2R0810 | N | N | N | N | <10 | <50 | N | N | <10 | N | 18 |
| H2R0820 | N | N | N | N | <10 | <50 | N | N | N | N | 18 |
| H2R0830 | N | N | N | N | 10 | <50 | N | N | N | N | 18 |
| H2R0840 | N | N | N | N | <10 | <50 | N | N | <10 | N | 18 |
| H2R0850 | N | N | N | N | 10 | <50 | N | N | 10 | N | 18 |
| H2R0860 | N | N | N | N | 10 | <50 | N | N | <10 | N | 18 |
| H2R0870 | N | N | N | N | 20 | <50 | N | N | 15 | N | 18 |
| H2R0880 | N | N | N | N | 10 | <50 | N | N | 20 | N | 18 |
| H2R0890 | N | N | N | N | 15 | <50 | N | N | 20 | N | 18 |
| H2R0900 | N | N | N | N | 10 | <50 | N | N | 70 | N | 18 |
| H2R0910 | N | N | N | N | <10 | <50 | N | N | 10 | N | 18 |
| H2R0920 | N | N | N | N | <10 | <50 | N | N | <10 | N | 18 |
| H2R0930 | N | N | N | N | <10 | <50 | N | N | 15 | N | 18 |
| H2R0940 | N | N | N | N | <10 | <50 | N | N | N | N | 18 |
| H2R0950 | N | N | N | N | <10 | <50 | N | N | <10 | N | 18 |
| H2R0960 | N | N | N | N | <10 | <50 | N | N | <10 | N | 18 |
| H2R0970 | N | N | N | N | 10 | <50 | N | N | 20 | N | 18 |
| H2R0980 | N | N | N | N | <10 | <50 | N | N | 15 | N | 18 |
| H2R0990 | N | N | N | N | 10 | <50 | N | N | 20 | N | 18 |
| H2R1000 | N | N | N | N | 10 | <50 | N | N | 10 | N | 18 |
| H2R1010 | N | N | N | N | <10 | <50 | N | N | N | N | 18 |
| H2R1020 | N | N | N | N | <10 | <50 | N | N | <10 | N | 18 |
| H2R1030 | N | N | N | N | <10 | <50 | N | N | 10 | N | 18 |
| H2R1040 | N | N | N | N | <10 | <50 | N | N | 10 | N | 18 |
| H2R1050 | N | N | N | N | <10 | <50 | N | N | <10 | N | 18 |
| H2R1060 | N | N | N | N | 15 | <50 | N | N | 50 | N | 18 |
| H2R1070 | N | N | N | N | <10 | <50 | N | N | 70 | N | 18 |

TABLE 2.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H2, 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| H2R1080 | .70 | .10 | <.05 | .030 | 20 | N | N | N | 20 | 50 |
| H2R1090 | 1.00 | .15 | .07 | .050 | 30 | N | N | N | 30 | 70 |
| H2R1100 | 2.00 | .15 | .10 | .015 | 30 | N | N | N | 20 | <20 |
| H2R1110 | 1.50 | .20 | .10 | .015 | 30 | N | N | N | 20 | 20 |
| H2R1120 | .50 | .03 | .10 | .005 | 10 | N | N | N | 30 | 20 |
| H2R1130 | .30 | .15 | .20 | .005 | 10 | N | N | N | 30 | 20 |
| H2R1140 | 1.00 | .20 | .10 | .070 | 15 | N | N | N | 30 | 50 |
| H2R1150 | .50 | .10 | .10 | .007 | 15 | N | N | N | 30 | <20 |
| H2R1160 | .30 | .50 | .50 | .030 | 15 | N | N | N | 30 | 20 |
| H2R1165 | .50 | .20 | .05 | .020 | 10 | N | N | N | 30 | <20 |

TABLE 2.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H2, 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| H2R1080 | 1.0 | N | N | N | 10 | 5 | N | N | N | <5 | N |
| H2R1090 | 1.0 | N | N | N | 30 | 5 | N | 5 | N | 5 | N |
| H2R1100 | 1.5 | N | N | N | <10 | 10 | N | N | N | 5 | 10 |
| H2R1110 | 1.5 | N | N | N | 10 | 7 | N | N | N | 5 | <10 |
| H2R1120 | <1.0 | N | N | N | <10 | <5 | N | N | N | <5 | N |
| H2R1130 | <1.0 | N | N | N | 10 | <5 | N | N | N | 5 | N |
| H2R1140 | <1.0 | N | N | N | 15 | 5 | N | N | N | 5 | N |
| H2R1150 | 1.0 | N | N | N | <10 | <5 | N | N | N | 5 | N |
| H2R1160 | <1.0 | N | N | N | 15 | N | N | N | N | 5 | N |
| H2R1165 | 1.0 | N | N | N | 15 | <5 | N | N | N | 5 | N |

TABLE 2.-- SPECTROGRAPHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H2, 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| H2R1080 | N | N | N | N | 10 | <50 | N | N | 50 | N | 17 |
| H2R1090 | N | N | N | N | 10 | <50 | N | N | 50 | N | 17 |
| H2R1100 | N | N | N | N | 10 | <50 | N | N | 10 | N | 17 |
| H2R1110 | N | N | N | N | 10 | <50 | N | N | 30 | N | 17 |
| H2R1120 | N | N | N | N | <10 | <50 | N | N | N | N | 16 |
| H2R1130 | N | N | N | N | <10 | <50 | N | N | N | N | 16 |
| H2R1140 | N | N | N | N | 20 | <50 | N | N | <10 | N | 16 |
| H2R1150 | N | N | N | N | <10 | <50 | N | N | N | N | 16 |
| H2R1160 | N | N | N | N | 15 | <50 | N | N | N | N | 16 |
| H2R1165 | N | N | N | N | 20 | <50 | N | N | N | N | 16 |

TABLE 3.-- SPECTROGRAHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H3, 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 |
| H3R0010 | .20 | .20 | .10 | .020 | <10 | N | N | N | 30 | 20 |
| H3R0020 | .20 | .15 | .10 | .010 | <10 | N | N | N | 30 | <20 |
| H3R0030 | .20 | .30 | .20 | .020 | 10 | N | N | N | 30 | 20 |
| H3R0040 | .15 | .20 | .10 | .015 | <10 | N | N | N | 20 | <20 |
| H3R0050 | .20 | .30 | .10 | .020 | <10 | N | N | N | 30 | <20 |
| H3R0060 | .50 | .30 | .15 | .020 | 10 | N | N | N | 30 | 20 |
| H3R0070 | .30 | .05 | .05 | .030 | <10 | N | N | N | 30 | 200 |
| H3R0080 | .30 | .03 | .05 | .020 | <10 | N | N | N | 30 | 70 |
| H3R0090 | .20 | .02 | <.05 | .015 | <10 | N | N | N | 30 | 50 |
| H3R0100 | .50 | .20 | <.05 | .150 | 10 | N | N | N | 30 | 70 |
| H3R0110 | .20 | .03 | <.05 | .050 | <10 | N | N | N | 20 | <20 |
| H3R0120 | .20 | .05 | <.05 | .030 | <10 | N | N | N | 30 | <20 |
| H3R0130 | .30 | .07 | <.05 | .050 | <10 | N | N | N | 30 | <20 |
| H3R0140 | .30 | .05 | <.05 | .020 | <10 | N | N | N | 30 | <20 |
| H3R0150 | .50 | .10 | <.05 | .070 | <10 | N | N | N | 50 | 70 |
| H3R0160 | .30 | .10 | .05 | .050 | 10 | N | N | N | 50 | 100 |
| H3R0170 | .20 | .10 | <.05 | .050 | <10 | N | N | N | 50 | 20 |
| H3R0180 | .30 | .10 | .05 | .070 | 10 | N | N | N | 50 | 70 |
| H3R0190 | .50 | .30 | .05 | .200 | 20 | N | N | N | 50 | 150 |
| H3R0200 | .50 | .30 | <.05 | .150 | 15 | N | N | N | 50 | 100 |
| H3R0210 | .50 | .30 | .10 | .200 | 15 | N | N | N | 50 | 100 |
| H3R0220 | .30 | .20 | <.05 | .100 | 10 | N | N | N | 50 | 100 |
| H3R0230 | .50 | .05 | <.05 | .030 | <10 | N | N | N | 30 | <20 |
| H3R0240 | .50 | .20 | <.05 | .100 | 15 | N | N | N | 50 | 100 |
| H3R0250 | .50 | .20 | <.05 | .100 | 15 | N | N | N | 50 | 100 |
| H3R0260 | .50 | .20 | <.05 | .100 | 20 | N | N | N | 50 | 100 |
| H3R0270 | .50 | .20 | <.05 | .100 | 20 | N | N | N | 50 | 200 |
| H3R0280 | .50 | .30 | <.05 | .100 | 20 | N | N | N | 70 | 200 |
| H3R0290 | .50 | .30 | .10 | .100 | 20 | N | N | N | 50 | 100 |
| H3R0300 | .50 | .20 | .05 | .100 | 15 | N | N | N | 50 | 100 |
| H3R0310 | .30 | .20 | .07 | .050 | 10 | N | N | N | 50 | 30 |
| H3R0320 | 1.50 | .50 | <.05 | .500 | 50 | N | N | N | 150 | 150 |
| H3R0330 | 1.00 | .30 | .05 | .500 | 30 | N | N | N | 100 | 100 |
| H3R0340 | 1.00 | .30 | .05 | .300 | 20 | N | N | N | 100 | 100 |
| H3R0350 | .70 | .20 | .05 | .100 | 10 | N | N | N | 50 | 70 |
| H3R0360 | .50 | .20 | .07 | .100 | 10 | N | N | N | 100 | 100 |
| H3R0370 | .30 | .20 | .05 | .100 | 10 | N | N | N | 70 | 100 |
| H3R0380 | .30 | .20 | .05 | .050 | 10 | N | N | N | 100 | 100 |
| H3R0390 | .30 | .20 | <.05 | .050 | 10 | N | N | N | 100 | 20 |
| H3R0400 | .30 | .20 | .07 | .070 | 10 | N | N | N | 100 | 50 |
| H3R0410 | .20 | .05 | <.05 | .050 | 10 | N | N | N | 20 | 70 |
| H3R0420 | .20 | .03 | <.05 | .050 | 10 | N | N | N | 20 | 100 |
| H3R0430 | 1.00 | .50 | <.05 | .300 | 50 | N | N | N | 20 | 150 |
| H3R0440 | 1.00 | .50 | .15 | .200 | 50 | N | N | N | 30 | 150 |
| H3R0450 | .70 | .20 | .07 | .200 | 50 | N | N | N | 30 | 100 |

TABLE 3.-- SPECTROGRAHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H3, 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| H3R0010 | <1.0 | N | N | N | 10 | 7 | N | 10 | <20 | 5 | 10 |
| H3R0020 | N | N | N | N | 10 | 5 | N | 7 | <20 | 5 | 10 |
| H3R0030 | <1.0 | N | N | N | 15 | 5 | N | 7 | N | 5 | 10 |
| H3R0040 | N | N | N | N | 10 | 5 | N | 7 | N | 5 | <10 |
| H3R0050 | N | N | N | N | <10 | 10 | N | 7 | N | 5 | 10 |
| H3R0060 | N | N | N | N | 15 | 10 | N | 7 | <20 | 7 | 10 |
| H3R0070 | <1.0 | N | N | N | 10 | 10 | N | 5 | N | 7 | 15 |
| H3R0080 | <1.0 | N | N | N | <10 | 7 | N | 5 | N | 7 | 10 |
| H3R0090 | <1.0 | N | N | N | 10 | 7 | N | 5 | N | 5 | 10 |
| H3R0100 | 1.0 | N | N | N | 20 | 10 | N | 15 | N | 15 | 15 |
| H3R0110 | <1.0 | N | N | N | <10 | <5 | N | <5 | N | 7 | <10 |
| H3R0120 | <1.0 | N | N | N | 10 | 7 | N | <5 | N | 7 | <10 |
| H3R0130 | <1.0 | N | N | N | <10 | 5 | N | 5 | N | 7 | <10 |
| H3R0140 | <1.0 | N | N | N | <10 | 7 | N | <5 | N | 7 | <10 |
| H3R0150 | <1.0 | N | N | N | 15 | 15 | N | 15 | N | 10 | 15 |
| H3R0160 | <1.0 | N | N | N | 10 | 15 | N | 10 | N | 10 | 15 |
| H3R0170 | 1.0 | N | N | N | 15 | 10 | N | 10 | <20 | 7 | 15 |
| H3R0180 | <1.0 | N | N | N | 15 | 15 | N | 15 | N | 7 | 15 |
| H3R0190 | 2.0 | N | N | N | 50 | 20 | N | 15 | N | 15 | 15 |
| H3R0200 | 1.5 | N | N | N | 30 | 10 | N | 7 | N | 15 | 10 |
| H3R0210 | 1.5 | N | N | N | 30 | 10 | N | 7 | <20 | 20 | 15 |
| H3R0220 | 1.0 | N | N | N | 20 | 10 | N | 5 | N | 7 | 15 |
| H3R0230 | <1.0 | N | N | N | 10 | 7 | N | 10 | <20 | 7 | 15 |
| H3R0240 | 1.0 | N | N | <5 | 50 | 30 | N | 20 | N | 10 | 20 |
| H3R0250 | 1.0 | N | N | <5 | 50 | 15 | N | 10 | N | 10 | 10 |
| H3R0260 | 1.0 | N | N | <5 | 50 | 15 | N | 10 | N | 15 | 10 |
| H3R0270 | 1.0 | N | N | <5 | 50 | 15 | N | 7 | N | 10 | 10 |
| H3R0280 | 1.0 | N | N | <5 | 50 | 15 | N | 10 | N | 10 | 15 |
| H3R0290 | 1.0 | N | N | <5 | 30 | 15 | N | 15 | N | 10 | 20 |
| H3R0300 | <1.0 | N | N | <5 | 20 | 10 | N | 10 | N | 10 | 15 |
| H3R0310 | <1.0 | N | N | N | 15 | 7 | N | 5 | N | 5 | <10 |
| H3R0320 | 2.0 | N | N | 20 | 100 | 200 | N | 20 | N | 70 | 30 |
| H3R0330 | 1.5 | N | N | 10 | 70 | 50 | N | 20 | <20 | 50 | 20 |
| H3R0340 | 1.5 | N | N | 10 | 70 | 50 | N | 20 | <20 | 50 | 20 |
| H3R0350 | <1.0 | N | N | <5 | 20 | 10 | N | 15 | N | 10 | 20 |
| H3R0360 | <1.0 | N | N | N | 15 | 7 | N | 15 | N | 7 | 15 |
| H3R0370 | <1.0 | N | N | N | 20 | 7 | N | 15 | N | 7 | 10 |
| H3R0380 | <1.0 | N | N | N | 15 | 5 | N | 15 | N | 7 | 10 |
| H3R0390 | <1.0 | N | N | N | 15 | 7 | N | 15 | N | 5 | <10 |
| H3R0400 | <1.0 | N | N | N | 15 | 10 | N | 15 | N | 10 | 10 |
| H3R0410 | <1.0 | N | N | N | 10 | <5 | N | 10 | N | 5 | <10 |
| H3R0420 | <1.0 | N | N | N | 15 | <5 | N | 7 | <20 | 5 | <10 |
| H3R0430 | 1.5 | N | N | 15 | 100 | 50 | N | 30 | <20 | 50 | 100 |
| H3R0440 | 1.0 | N | N | 10 | 100 | 30 | N | 20 | N | 20 | 200 |
| H3R0450 | <1.0 | N | N | 5 | 100 | 15 | N | 10 | N | 15 | 15 |

TABLE 3.-- SPECTROGRAHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H3, 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| H3R0010 | N | N | N | N | 10 | <50 | N | N | 15 | N | 39 |
| H3R0020 | N | N | N | N | 10 | <50 | N | N | N | N | 39 |
| H3R0030 | N | N | N | N | 10 | <50 | N | N | <10 | N | 39 |
| H3R0040 | N | N | N | N | 10 | <50 | N | N | 10 | N | 39 |
| H3R0050 | N | N | N | N | 10 | <50 | N | N | 15 | N | 39 |
| H3R0060 | N | N | N | N | 10 | <50 | N | N | 15 | N | 39 |
| H3R0070 | N | N | N | N | 10 | <50 | N | N | <10 | N | 39 |
| H3R0080 | N | N | N | N | <10 | <50 | N | N | <10 | N | 39 |
| H3R0090 | N | N | N | N | 10 | <50 | N | N | 30 | N | 39 |
| H3R0100 | N | N | N | N | 20 | <50 | N | N | 20 | N | 39 |
| H3R0110 | N | N | N | N | 10 | <50 | N | N | 10 | N | 39 |
| H3R0120 | N | N | N | N | 15 | <50 | N | N | 20 | N | 39 |
| H3R0130 | N | N | N | N | 10 | <50 | N | N | 20 | N | 39 |
| H3R0140 | N | N | N | N | <10 | <50 | N | N | 50 | N | 39 |
| H3R0150 | N | N | N | N | 15 | <50 | N | N | 20 | N | 39 |
| H3R0160 | N | N | N | N | 15 | <50 | N | N | 15 | N | 39 |
| H3R0170 | N | N | N | N | 15 | <50 | N | N | 30 | N | 39 |
| H3R0180 | N | N | N | N | 15 | <50 | N | N | 50 | N | 39 |
| H3R0190 | N | 5 | N | N | 50 | <50 | N | N | 30 | N | 39 |
| H3R0200 | N | <5 | N | N | 30 | <50 | N | N | 20 | N | 39 |
| H3R0210 | N | 5 | N | N | 50 | <50 | N | N | 50 | N | 39 |
| H3R0220 | N | N | N | N | 15 | <50 | N | N | 20 | N | 39 |
| H3R0230 | N | N | N | N | 15 | <50 | N | N | 10 | N | 39 |
| H3R0240 | N | <5 | N | N | 70 | <50 | N | N | 50 | N | 39 |
| H3R0250 | N | <5 | N | N | 50 | <50 | N | N | 100 | N | 39 |
| H3R0260 | N | <5 | N | N | 30 | <50 | N | N | 100 | N | 39 |
| H3R0270 | N | <5 | N | N | 20 | <50 | N | N | 100 | N | 39 |
| H3R0280 | N | 5 | N | N | 50 | <50 | N | N | 150 | N | 39 |
| H3R0290 | N | N | N | N | 30 | <50 | N | N | 30 | N | 39 |
| H3R0300 | N | N | N | N | 30 | <50 | N | N | 50 | N | 39 |
| H3R0310 | N | N | N | N | 10 | <50 | N | N | 50 | N | 39 |
| H3R0320 | N | 7 | N | N | 100 | <50 | N | <200 | 100 | N | 39 |
| H3R0330 | N | 5 | N | N | 100 | <50 | N | N | 100 | N | 39 |
| H3R0340 | N | 5 | N | N | 100 | <50 | N | N | 100 | N | 39 |
| H3R0350 | N | N | N | N | 15 | <50 | N | N | 30 | N | 39 |
| H3R0360 | N | N | N | N | 15 | <50 | N | N | 100 | N | 39 |
| H3R0370 | N | N | N | N | 20 | <50 | N | N | 100 | N | 39 |
| H3R0380 | N | N | N | N | 15 | <50 | N | N | 20 | N | 39 |
| H3R0390 | N | N | N | N | 15 | <50 | N | N | 10 | N | 39 |
| H3R0400 | N | N | N | N | 15 | <50 | N | N | 50 | N | 39 |
| H3R0410 | N | N | N | N | 10 | <50 | N | N | 100 | N | 39 |
| H3R0420 | N | N | N | N | 10 | <50 | N | N | 150 | N | 39 |
| H3R0430 | N | 5 | N | N | 50 | <50 | N | N | 100 | N | 39 |
| H3R0440 | N | 7 | N | N | 50 | <50 | N | N | 100 | N | 39 |
| H3R0450 | N | <5 | N | 100 | 20 | <50 | N | N | 70 | N | 39 |

TABLE 3.-- SPECTROGRAHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H3, 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| H3R0460 | 1.00 | .20 | .05 | .200 | 30 | N | N | N | 30 | 100 |
| H3R0470 | .50 | .20 | .05 | .150 | 20 | N | N | N | 50 | 100 |
| H3R0480 | .50 | .10 | <.05 | .100 | 15 | N | N | N | 50 | 70 |
| H3R0490 | .50 | .10 | <.05 | .100 | 15 | N | N | N | 50 | 70 |
| H3R0500 | .50 | .20 | <.05 | .200 | 20 | N | N | N | 50 | 100 |
| H3R0510 | .50 | .05 | .05 | .100 | 50 | N | N | N | 20 | 70 |
| H3R0520 | .50 | .05 | <.05 | .050 | 15 | N | N | N | 20 | 20 |
| H3R0530 | .50 | .05 | <.05 | .050 | 10 | N | N | N | 20 | 20 |
| H3R0540 | .50 | .05 | <.05 | .050 | 15 | N | N | N | 20 | 50 |
| H3R0550 | .50 | .07 | .05 | .050 | 10 | N | N | N | 50 | 20 |
| H3R0560 | .30 | .05 | .05 | .050 | 10 | N | N | N | 30 | <20 |
| H3R0570 | .50 | .07 | .05 | .100 | 15 | N | N | N | 50 | 70 |
| H3R0580 | .50 | .05 | <.05 | .030 | 15 | N | N | N | 50 | 20 |
| H3R0590 | .50 | .05 | .05 | .050 | 15 | N | N | N | 50 | 70 |
| H3R0600 | .30 | .05 | <.05 | .050 | 15 | N | N | N | 50 | 50 |
| H3R0610 | .10 | .03 | .05 | .015 | <10 | N | N | N | 50 | 70 |
| H3R0620 | .10 | .02 | <.05 | .010 | <10 | N | N | N | 30 | 30 |
| H3R0630 | .30 | .15 | .05 | .070 | 15 | N | N | N | 50 | 70 |
| H3R0640 | .20 | .05 | <.05 | .050 | 10 | N | N | N | 30 | 50 |
| H3R0650 | .20 | .07 | <.05 | .050 | 10 | N | N | N | 50 | 70 |
| H3R0660 | .70 | .05 | <.05 | .015 | 10 | N | N | N | 30 | 70 |
| H3R0670 | 1.50 | .03 | <.05 | .030 | 20 | N | N | N | 20 | 70 |
| H3R0680 | 1.00 | .20 | .10 | .030 | 15 | N | N | N | 50 | 50 |
| H3R0690 | 15.00 | .20 | .05 | .100 | 100 | <.5 | <200 | N | 150 | 70 |
| H3R0700 | 7.00 | .20 | .07 | .050 | 30 | N | N | N | 30 | <20 |
| H3R0710 | .50 | .05 | <.05 | .020 | <10 | N | <200 | N | 30 | <20 |
| H3R0720 | .70 | .07 | <.05 | .020 | <10 | N | 200 | N | 30 | <20 |
| H3R0730 | 1.00 | .20 | <.05 | .100 | 10 | N | N | N | 20 | 100 |
| H3R0740 | 1.00 | .20 | <.05 | .100 | 15 | N | N | N | 50 | 100 |
| H3R0750 | .50 | .20 | <.05 | .100 | 10 | N | <200 | N | 50 | 70 |
| H3R0760 | .20 | .05 | <.05 | .015 | <10 | N | N | N | 30 | <20 |
| H3R0770 | 2.00 | .07 | <.05 | .020 | 10 | N | 200 | N | 50 | <20 |
| H3R0780 | .50 | .30 | <.05 | .100 | 10 | N | N | N | 50 | 50 |
| H3R0790 | .30 | .10 | <.05 | .030 | <10 | N | N | N | 30 | 20 |
| H3R0800 | .30 | .10 | <.05 | .030 | <10 | N | <200 | N | 50 | 20 |
| H3R0810 | .20 | .07 | <.05 | .015 | <10 | N | N | N | 30 | <20 |
| H3R0820 | .30 | .07 | <.05 | .030 | <10 | N | N | N | 30 | 20 |
| H3R0830 | .07 | .02 | .05 | .005 | <10 | N | N | N | 20 | 20 |
| H3R0840 | .20 | .02 | <.05 | .020 | <10 | N | N | N | 30 | <20 |
| H3R0850 | .10 | .02 | <.05 | .050 | 70 | N | N | N | 30 | <20 |
| H3R0860 | .30 | .02 | <.05 | .020 | <10 | N | N | N | 50 | <20 |
| H3R0870 | .05 | <.02 | <.05 | .005 | <10 | N | N | N | 30 | <20 |
| H3R0880 | .20 | .05 | <.05 | .020 | <10 | N | N | N | 10 | 50 |
| H3R0890 | .20 | .05 | <.05 | .015 | <10 | N | N | N | 30 | <20 |
| H3R0900 | .15 | .02 | .05 | .002 | <10 | N | N | N | 20 | 5,000 |

TABLE 3.-- SPECTROGRAHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H3, 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| H3R0460 | 1.0 | N | N | 5 | 50 | 15 | N | 10 | N | 20 | <10 |
| H3R0470 | <1.0 | N | N | <5 | 20 | 15 | N | 7 | N | 15 | <10 |
| H3R0480 | <1.0 | N | N | <5 | 20 | 15 | N | 10 | N | 10 | <10 |
| H3R0490 | 1.0 | N | N | 5 | 20 | 15 | N | 20 | N | 20 | 15 |
| H3R0500 | 1.0 | N | N | 5 | 30 | 15 | N | 15 | N | 30 | 10 |
| H3R0510 | 1.0 | N | N | 5 | 15 | 20 | N | 20 | N | 20 | 20 |
| H3R0520 | <1.0 | N | N | <5 | 15 | 10 | N | 20 | N | 15 | 10 |
| H3R0530 | <1.0 | N | N | <5 | 15 | 10 | N | 20 | <20 | 15 | 15 |
| H3R0540 | <1.0 | N | N | <5 | 15 | 30 | N | 30 | N | 20 | 10 |
| H3R0550 | <1.0 | N | N | <5 | 15 | 10 | N | 30 | N | 15 | <10 |
| H3R0560 | <1.0 | N | N | N | 15 | 10 | N | 30 | N | 10 | <10 |
| H3R0570 | <1.0 | N | N | <5 | 15 | 10 | N | 20 | N | 15 | <10 |
| H3R0580 | <1.0 | N | N | N | 15 | 7 | N | 10 | N | 10 | <10 |
| H3R0590 | <1.0 | N | N | <5 | 15 | 7 | N | 10 | N | 10 | <10 |
| H3R0600 | <1.0 | N | N | <5 | 15 | 5 | N | 7 | N | 10 | <10 |
| H3R0610 | <1.0 | N | N | N | 10 | <5 | N | 5 | N | <5 | 10 |
| H3R0620 | <1.0 | N | N | N | 10 | <5 | N | 5 | N | <5 | N |
| H3R0630 | 1.0 | N | N | <5 | 15 | 10 | N | 15 | N | 10 | <10 |
| H3R0640 | 1.0 | N | N | <5 | 15 | 7 | N | 5 | N | 5 | <10 |
| H3R0650 | 1.0 | N | N | <5 | 10 | 7 | N | 10 | N | 10 | 10 |
| H3R0660 | <1.0 | N | N | <5 | 10 | 10 | N | 15 | N | 10 | 10 |
| H3R0670 | <1.0 | N | N | 5 | 20 | 20 | N | 30 | N | 20 | 15 |
| H3R0680 | 1.0 | N | N | 5 | 15 | 15 | N | 15 | N | 10 | 10 |
| H3R0690 | 1.0 | N | N | 30 | 100 | 50 | N | 50 | N | 100 | 70 |
| H3R0700 | <1.0 | N | N | 10 | 20 | 20 | N | 70 | N | 50 | 20 |
| H3R0710 | <1.0 | N | N | N | 10 | 10 | N | 15 | N | 7 | 10 |
| H3R0720 | <1.0 | N | N | N | 15 | 10 | N | 30 | N | 10 | 10 |
| H3R0730 | 1.0 | N | N | N | 20 | 10 | N | 30 | N | 10 | 10 |
| H3R0740 | <1.0 | N | N | N | 50 | 10 | N | 30 | N | 10 | 10 |
| H3R0750 | N | N | N | N | 20 | 10 | N | 30 | N | 10 | 10 |
| H3R0760 | N | N | N | N | 10 | 5 | N | 10 | N | 7 | N |
| H3R0770 | 1.0 | N | N | N | 15 | 15 | N | 30 | N | 10 | <10 |
| H3R0780 | <1.0 | N | N | N | 20 | 7 | N | 20 | N | 10 | <10 |
| H3R0790 | <1.0 | N | N | N | 15 | 10 | N | 15 | N | 10 | <10 |
| H3R0800 | N | N | N | N | 15 | 7 | N | 20 | N | 5 | <10 |
| H3R0810 | N | N | N | N | 15 | <5 | N | 20 | N | 7 | <10 |
| H3R0820 | N | N | N | N | 15 | <5 | N | 20 | N | 7 | <10 |
| H3R0830 | N | N | N | N | 10 | <5 | N | 20 | N | 5 | <10 |
| H3R0840 | <1.0 | N | N | N | 15 | 5 | N | 20 | N | 5 | <10 |
| H3R0850 | <1.0 | N | N | N | 200 | <5 | N | 15 | N | 5 | <10 |
| H3R0860 | N | N | N | N | 10 | 5 | N | 15 | N | 7 | <10 |
| H3R0870 | N | N | N | N | 10 | <5 | N | <5 | N | 5 | <10 |
| H3R0880 | N | N | N | N | 10 | <5 | N | 15 | N | 7 | <10 |
| H3R0890 | N | N | N | N | 10 | <5 | N | 10 | N | 7 | <10 |
| H3R0900 | N | N | N | N | 10 | <5 | N | 10 | N | 7 | <10 |

TABLE 3.-- SPECTROGRAHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H3, 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| H3R0460 | N | 5 | N | 100 | 20 | <50 | N | N | 100 | N | 39 |
| H3R0470 | N | <5 | N | N | 20 | <50 | N | N | 150 | N | 39 |
| H3R0480 | N | N | N | N | 20 | <50 | N | N | 100 | N | 39 |
| H3R0490 | N | N | N | N | 20 | <50 | N | N | 100 | N | 39 |
| H3R0500 | N | 5 | N | N | 50 | <50 | N | N | 150 | N | 39 |
| H3R0510 | N | N | N | N | 10 | <50 | N | N | 50 | N | 39 |
| H3R0520 | N | N | N | N | <10 | <50 | N | N | 10 | N | 39 |
| H3R0530 | N | N | N | N | 10 | <50 | N | N | 70 | N | 39 |
| H3R0540 | N | N | N | N | 10 | <50 | N | N | 20 | N | 39 |
| H3R0550 | N | N | N | N | 15 | <50 | N | N | 20 | N | 39 |
| H3R0560 | N | N | N | N | 10 | <50 | N | N | 15 | N | 39 |
| H3R0570 | N | N | N | N | 15 | <50 | N | N | 30 | N | 39 |
| H3R0580 | N | N | N | N | 10 | <50 | N | N | 10 | N | 39 |
| H3R0590 | N | N | N | N | 10 | <50 | N | N | 15 | N | 39 |
| H3R0600 | N | N | N | N | 10 | <50 | N | N | 10 | N | 39 |
| H3R0610 | N | N | N | N | <10 | <50 | N | N | <10 | N | 39 |
| H3R0620 | N | N | N | N | <10 | <50 | N | N | N | N | 39 |
| H3R0630 | N | N | N | N | 15 | <50 | N | N | 30 | N | 39 |
| H3R0640 | N | N | N | N | <10 | <50 | N | N | 30 | N | 39 |
| H3R0650 | N | N | N | N | 15 | <50 | N | 200 | 20 | N | 39 |
| H3R0660 | N | N | N | N | <10 | <50 | N | N | 50 | N | 39 |
| H3R0670 | N | N | N | N | 10 | <50 | N | N | 50 | N | 39 |
| H3R0680 | N | N | N | N | 10 | <50 | N | N | 20 | N | 39 |
| H3R0690 | N | N | 10 | N | 15 | <50 | N | 200 | 15 | N | 39 |
| H3R0700 | N | N | N | N | 10 | <50 | N | N | 15 | N | 39 |
| H3R0710 | N | N | N | N | 10 | <50 | N | N | <10 | N | 39 |
| H3R0720 | N | N | N | N | 10 | <50 | N | N | 10 | N | 39 |
| H3R0730 | N | N | N | N | 15 | <50 | N | N | 50 | N | 39 |
| H3R0740 | N | <5 | N | N | 20 | <50 | N | N | 70 | N | 39 |
| H3R0750 | N | N | N | N | 20 | <50 | N | N | 50 | N | 39 |
| H3R0760 | N | <5 | N | N | 10 | <50 | N | N | 20 | N | 39 |
| H3R0770 | N | N | N | N | 15 | <50 | N | N | 15 | N | 39 |
| H3R0780 | N | N | N | N | 30 | <50 | N | N | 50 | N | 39 |
| H3R0790 | N | N | N | N | 20 | <50 | N | N | 30 | N | 39 |
| H3R0800 | N | N | N | N | 20 | <50 | N | N | 30 | N | 39 |
| H3R0810 | N | N | N | N | 15 | <50 | N | N | 15 | N | 39 |
| H3R0820 | N | N | N | N | 15 | <50 | N | N | 20 | N | 39 |
| H3R0830 | N | N | N | N | <10 | <50 | N | N | 200 | N | 39 |
| H3R0840 | N | N | N | N | 10 | <50 | N | N | 10 | N | 19 |
| H3R0850 | N | N | N | N | 15 | <50 | N | N | <10 | N | 19 |
| H3R0860 | N | N | N | N | 15 | <50 | N | N | 10 | N | 19 |
| H3R0870 | N | N | N | N | 10 | <50 | N | N | 15 | N | 19 |
| H3R0880 | N | N | N | N | 15 | <50 | N | N | 50 | N | 19 |
| H3R0890 | N | N | N | N | 10 | <50 | N | N | 30 | N | 19 |
| H3R0900 | N | N | N | N | <10 | <50 | N | N | N | N | 19 |

TABLE 3.-- SPECTROGRAHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H3, 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| H3R0910 | .20 | .05 | .07 | .010 | <10 | N | N | N | 20 | 20 |
| H3R0920 | .30 | .05 | <.05 | .030 | <10 | N | N | N | 20 | 30 |
| H3R0930 | .30 | .15 | <.05 | .050 | <10 | N | N | N | 20 | 20 |
| H3R0940 | .30 | <.02 | <.05 | .005 | 10 | N | 200 | N | 10 | <20 |
| H3R0950 | 1.50 | .03 | <.05 | .005 | <10 | N | N | N | 15 | <20 |
| H3R0960 | <.05 | <.02 | <.05 | .002 | 10 | N | N | N | 20 | <20 |
| H3R0970 | .20 | .05 | <.05 | .020 | <10 | N | N | N | 15 | <20 |
| H3R0980 | .50 | .02 | <.05 | .010 | <10 | N | N | N | 10 | <20 |
| H3R0990 | .10 | .02 | <.05 | .005 | <10 | N | N | N | 15 | <20 |
| H3R1000 | .50 | .02 | <.05 | .030 | <10 | N | N | N | 15 | <20 |
| H3R1010 | .50 | .02 | <.05 | .007 | <10 | N | N | N | 15 | 30 |
| H3R1020 | .20 | .10 | <.05 | .050 | 10 | N | N | N | 20 | 20 |
| H3R1030 | 1.50 | .70 | .70 | .010 | 10 | N | 500 | N | 15 | <20 |
| H3R1040 | 1.00 | 1.00 | .70 | .010 | <10 | N | N | N | 10 | <20 |
| H3R1050 | 2.00 | .02 | <.05 | .010 | <10 | N | 300 | N | 10 | <20 |
| H3R1060 | 2.00 | .05 | <.05 | .015 | <10 | N | 300 | N | 10 | 20 |
| H3R1070 | 1.00 | .20 | .10 | .010 | <10 | N | 200 | N | 20 | 20 |
| H3R1080 | .70 | .20 | .20 | .015 | <10 | N | N | N | 15 | <20 |
| H3R1090 | 1.50 | .20 | <.05 | .050 | 10 | N | N | N | 15 | 20 |
| H3R1100 | .20 | .05 | .07 | .005 | <10 | N | N | N | 50 | <20 |
| H3R1110 | .50 | .20 | .50 | .005 | <10 | N | N | N | 50 | <20 |
| H3R1120 | 2.00 | .50 | .70 | .003 | <10 | N | <200 | N | 50 | <20 |
| H3R1130 | .20 | .05 | .10 | <.002 | 15 | N | N | N | 20 | <20 |
| H3R1140 | 1.00 | 1.00 | 1.00 | .010 | <10 | N | 200 | N | 30 | <20 |
| H3R1150 | <.05 | .05 | .05 | .002 | <10 | N | N | N | 50 | <20 |
| H3R1160 | <.05 | .02 | <.05 | <.002 | <10 | N | N | N | 50 | <20 |
| H3R1170 | <.05 | .03 | .05 | <.002 | <10 | N | N | N | 50 | <20 |
| H3R1180 | <.05 | .05 | .05 | <.002 | <10 | N | N | N | 30 | <20 |
| H3R1190 | .05 | <.02 | <.05 | <.002 | <10 | N | N | N | 30 | <20 |
| H3R1210 | .20 | <.02 | .05 | .002 | <10 | N | N | N | 30 | <20 |
| H3R1220 | .07 | .02 | <.05 | <.002 | <10 | N | N | N | 30 | <20 |
| H3R1230 | .50 | .02 | <.05 | .005 | <10 | N | N | N | 20 | <20 |
| H3R1240 | .30 | .07 | .05 | .005 | <10 | N | N | N | 50 | <20 |
| H3R1250 | 2.00 | .30 | .70 | .015 | 15 | N | <200 | N | 50 | <20 |
| H3R1260 | .10 | .02 | .05 | <.002 | <10 | N | N | N | 30 | <20 |
| H3R1270 | .15 | .03 | .07 | <.002 | <10 | N | N | N | 20 | <20 |
| H3R1280 | 1.00 | <.02 | .05 | .002 | <10 | N | N | N | 15 | <20 |
| H3R1290 | .20 | .07 | <.05 | .007 | <10 | N | N | N | 20 | <20 |
| H3R1300 | .50 | .10 | .10 | .015 | 10 | N | N | N | 20 | <20 |
| H3R1310 | .07 | .10 | .15 | .003 | <10 | N | N | N | 20 | <20 |
| H3R1320 | .10 | .05 | .10 | .005 | <10 | N | N | N | 20 | <20 |
| H3R1330 | .10 | <.02 | <.05 | .007 | <10 | N | N | N | 20 | <20 |
| H3R1340 | .70 | <.02 | <.05 | .003 | <10 | N | N | N | 20 | <20 |
| H3R1350 | .20 | .30 | .30 | .007 | <10 | N | N | N | 20 | <20 |
| H3R1360 | .50 | .02 | <.05 | .007 | <10 | N | N | N | 20 | <20 |

TABLE 3.-- SPECTROGRAHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H3, 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| H3R0910 | N | N | N | N | <10 | 10 | N | 5 | N | 5 | N |
| H3R0920 | N | N | N | N | <10 | 20 | N | N | N | 7 | N |
| H3R0930 | N | N | N | N | 15 | 30 | N | N | N | 7 | N |
| H3R0940 | N | N | N | N | <10 | 5 | N | 5 | N | 5 | N |
| H3R0950 | N | N | N | N | <10 | 7 | N | 20 | N | 10 | N |
| H3R0960 | N | N | N | N | <10 | <5 | N | <5 | N | 5 | N |
| H3R0970 | N | N | N | N | <10 | 15 | N | 10 | N | 7 | N |
| H3R0980 | N | N | N | N | <10 | 7 | N | 7 | N | 7 | N |
| H3R0990 | N | N | N | N | <10 | <5 | N | 5 | N | 7 | N |
| H3R1000 | N | N | N | N | <10 | 15 | N | 10 | N | 10 | N |
| H3R1010 | N | N | N | N | 10 | 7 | N | 5 | N | 7 | <10 |
| H3R1020 | N | N | N | N | 10 | 20 | N | 5 | N | 7 | <10 |
| H3R1030 | N | N | N | N | <10 | 7 | N | 50 | N | 15 | 10 |
| H3R1040 | N | N | N | N | 10 | 7 | N | 20 | N | 7 | 10 |
| H3R1050 | N | N | N | N | <10 | 7 | N | 50 | N | 15 | 10 |
| H3R1060 | N | N | N | N | <10 | 7 | N | 50 | N | 15 | 10 |
| H3R1070 | N | N | N | N | 10 | 7 | N | 7 | N | 7 | 10 |
| H3R1080 | N | N | N | N | <10 | 10 | N | 7 | N | 7 | <10 |
| H3R1090 | N | N | N | N | 10 | 20 | N | 30 | N | 10 | 20 |
| H3R1100 | N | N | N | 5 | <10 | <5 | N | <5 | N | 5 | <10 |
| H3R1110 | N | N | N | 5 | <10 | 10 | N | 7 | N | 7 | <10 |
| H3R1120 | N | N | N | 5 | 10 | 15 | N | 20 | N | 10 | 15 |
| H3R1130 | N | N | N | 5 | 10 | <5 | N | 5 | N | 5 | N |
| H3R1140 | N | N | N | 5 | 10 | 15 | N | 30 | N | 10 | 10 |
| H3R1150 | N | N | N | 5 | <10 | <5 | N | 5 | N | 5 | <10 |
| H3R1160 | N | N | N | 5 | <10 | 5 | N | <5 | N | 5 | <10 |
| H3R1170 | N | N | N | 5 | 10 | <5 | N | 5 | N | 5 | N |
| H3R1180 | N | N | N | 5 | 10 | <5 | N | 5 | N | 5 | N |
| H3R1190 | N | N | N | 5 | 10 | <5 | N | 10 | N | 10 | N |
| H3R1210 | N | N | N | 5 | 10 | <5 | N | <5 | N | 5 | N |
| H3R1220 | N | N | N | 5 | 10 | <5 | N | <5 | N | 5 | N |
| H3R1230 | N | N | N | 5 | 10 | <5 | N | <5 | N | 5 | N |
| H3R1240 | N | N | N | 5 | <10 | <5 | N | 5 | N | 7 | <10 |
| H3R1250 | N | N | N | 5 | 15 | 7 | N | 10 | N | 10 | 10 |
| H3R1260 | N | N | N | 5 | <10 | <5 | N | 5 | N | 5 | N |
| H3R1270 | N | N | N | 5 | <10 | <5 | N | <5 | N | 5 | N |
| H3R1280 | N | N | N | 5 | <10 | <5 | N | <5 | N | 5 | N |
| H3R1290 | N | N | N | 5 | <10 | <5 | N | 5 | N | 7 | N |
| H3R1300 | N | N | N | N | <10 | 15 | N | 10 | N | 10 | N |
| H3R1310 | N | N | N | N | <10 | <5 | N | 7 | N | 7 | N |
| H3R1320 | N | N | N | N | <10 | <5 | N | 7 | N | 5 | N |
| H3R1330 | N | N | N | N | <10 | 5 | N | 7 | N | 10 | N |
| H3R1340 | N | N | N | N | <10 | <5 | N | 7 | N | 5 | N |
| H3R1350 | N | N | N | N | <10 | <5 | N | 5 | N | 5 | N |
| H3R1360 | N | N | N | N | <10 | 5 | N | 7 | N | 5 | N |

TABLE 3.-- SPECTROGRAHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H3, 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| H3R0910 | N | N | N | N | <10 | <50 | N | N | <10 | N | 19 |
| H3R0920 | N | N | N | N | 10 | <50 | N | N | 20 | N | 19 |
| H3R0930 | N | N | N | N | 50 | <50 | N | N | 30 | N | 19 |
| H3R0940 | N | N | N | N | <10 | <50 | N | N | 20 | N | 19 |
| H3R0950 | N | N | N | N | <10 | <50 | N | N | 30 | N | 19 |
| H3R0960 | N | N | N | N | <10 | <50 | N | N | <10 | N | 19 |
| H3R0970 | N | N | N | N | 15 | <50 | N | N | 50 | N | 19 |
| H3R0980 | N | N | N | N | <10 | <50 | N | N | 30 | N | 19 |
| H3R0990 | N | N | N | N | <10 | <50 | N | N | 15 | N | 19 |
| H3R1000 | N | N | N | N | <10 | <50 | N | N | 10 | N | 19 |
| H3R1010 | N | N | N | N | <10 | <50 | N | N | N | N | 19 |
| H3R1020 | N | N | N | N | 10 | <50 | N | N | <10 | N | 19 |
| H3R1030 | N | N | N | N | <10 | <50 | N | N | 10 | N | 19 |
| H3R1040 | N | N | N | N | <10 | <50 | N | N | 10 | N | 19 |
| H3R1050 | N | N | N | N | <10 | <50 | N | N | 10 | N | 19 |
| H3R1060 | N | N | N | N | <10 | <50 | N | N | 20 | N | 19 |
| H3R1070 | N | N | N | N | <10 | <50 | N | N | 20 | N | 19 |
| H3R1080 | N | N | N | N | <10 | <50 | N | N | 15 | N | 19 |
| H3R1090 | N | N | N | 100 | 20 | <50 | N | N | 50 | N | 19 |
| H3R1100 | N | N | N | N | <10 | <50 | N | N | N | N | 19 |
| H3R1110 | N | N | N | N | <10 | <50 | N | N | N | N | 18 |
| H3R1120 | N | N | N | N | 10 | <50 | N | N | N | N | 18 |
| H3R1130 | N | N | N | N | <10 | <50 | N | N | N | N | 18 |
| H3R1140 | N | N | N | N | <10 | <50 | N | N | N | N | 18 |
| H3R1150 | N | N | N | N | <10 | <50 | N | N | N | N | 18 |
| H3R1160 | N | N | N | N | <10 | <50 | N | N | N | N | 18 |
| H3R1170 | N | N | N | N | <10 | <50 | N | N | N | N | 18 |
| H3R1180 | N | N | N | N | <10 | <50 | N | N | N | N | 18 |
| H3R1190 | N | N | N | N | <10 | <50 | N | N | N | N | 18 |
| H3R1210 | N | N | N | N | <10 | <50 | N | N | N | N | 18 |
| H3R1220 | N | N | N | N | <10 | <50 | N | N | N | N | 18 |
| H3R1230 | N | N | N | N | <10 | <50 | N | N | N | N | 18 |
| H3R1240 | N | N | N | N | <10 | <50 | N | N | N | N | 18 |
| H3R1250 | N | N | N | N | 10 | <50 | N | 300 | N | N | 18 |
| H3R1260 | N | N | N | N | <10 | <50 | N | N | N | N | 18 |
| H3R1270 | N | N | N | N | <10 | <50 | N | N | N | N | 18 |
| H3R1280 | N | N | N | N | <10 | <50 | N | N | N | N | 18 |
| H3R1290 | N | N | N | N | <10 | <50 | N | N | N | N | 18 |
| H3R1300 | N | N | N | N | 10 | <50 | N | N | N | N | 18 |
| H3R1310 | N | N | N | N | <10 | <50 | N | N | N | N | 18 |
| H3R1320 | N | N | N | N | <10 | <50 | N | N | N | N | 18 |
| H3R1330 | N | N | N | N | 15 | <50 | N | N | N | N | 18 |
| H3R1340 | N | N | N | N | <10 | <50 | N | N | N | N | 18 |
| H3R1350 | N | N | N | N | <10 | <50 | N | N | N | N | 18 |
| H3R1360 | N | N | N | N | <10 | <50 | N | N | N | N | 18 |

TABLE 3.-- SPECTROGRAHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H3, 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 |
| H3R1370 | 3.00 | .05 | <.05 | .020 | 10 | N | 200 | N | 15 | <20 |
| H3R1380 | 1.00 | .05 | .05 | .015 | 10 | N | N | N | 30 | <20 |
| H3R1390 | 1.00 | .10 | .20 | .015 | <10 | N | N | N | 30 | 30 |
| H3R1400 | .50 | .10 | <.05 | .030 | <10 | N | N | N | 30 | 20 |
| H3R1410 | .70 | .03 | <.05 | .015 | <10 | N | N | N | 50 | 50 |
| H3R1420 | .50 | .10 | .07 | .020 | <10 | N | N | N | 50 | 50 |
| H3R1430 | 1.50 | .30 | .50 | .070 | <10 | N | N | N | 20 | 50 |
| H3R1440 | 10.00 | .15 | <.05 | .050 | 20 | N | 300 | N | 30 | 50 |
| H3R1450 | 5.00 | .02 | <.05 | .050 | 15 | N | 200 | N | 20 | <20 |
| H3R1460 | .70 | .07 | .05 | .005 | <10 | N | N | N | 20 | <20 |
| H3R1470 | .30 | .05 | .05 | .005 | <10 | N | N | N | 30 | <20 |
| H3R1480 | 1.00 | .20 | .20 | .003 | <10 | N | N | N | 30 | <20 |
| H3R1490 | 5.00 | .15 | .30 | .030 | 20 | N | 300 | N | 30 | <20 |
| H3R1500 | 1.50 | .50 | .70 | .020 | 10 | N | N | N | 30 | <20 |
| H3R1510 | .05 | <.02 | <.05 | .003 | <10 | N | N | N | 20 | <20 |
| H3R1520 | .15 | .10 | .20 | .003 | <10 | N | N | N | 30 | <20 |
| H3R1530 | .15 | .03 | .05 | .003 | <10 | N | N | N | 20 | <20 |
| H3R1540 | .20 | .10 | .20 | .007 | <10 | N | N | N | 30 | <20 |
| H3R1550 | .10 | .05 | .10 | .002 | 10 | N | N | N | 20 | <20 |
| H3R1560 | .10 | .10 | .20 | .005 | <10 | N | N | N | 50 | <20 |
| H3R1570 | .07 | .05 | .05 | .005 | <10 | N | N | N | 30 | <20 |
| H3R1580 | .10 | .02 | <.05 | .003 | 10 | N | N | N | 15 | <20 |
| H3R1590 | .20 | .02 | <.05 | .005 | <10 | N | N | N | 15 | <20 |
| H3R1600 | .50 | .30 | .50 | .007 | <10 | N | N | N | 15 | <20 |
| H3R1610 | .70 | .30 | .30 | .050 | <10 | N | N | N | 30 | <20 |
| H3R1620 | .30 | .10 | .07 | .010 | <10 | N | N | N | 20 | <20 |
| H3R1630 | .20 | .05 | .05 | .010 | <10 | N | N | N | 15 | <20 |
| H3R1640 | .30 | .20 | .15 | .010 | <10 | N | N | N | 15 | <20 |
| H3R1650 | 1.50 | .10 | .20 | .050 | 15 | N | N | N | 20 | <20 |
| H3R1660 | 1.00 | .30 | .50 | .020 | 10 | N | N | N | 20 | <20 |
| H3R1670 | 1.00 | .50 | .70 | .015 | 10 | N | N | N | 20 | <20 |
| H3R1680 | .10 | .05 | .05 | .100 | <10 | N | N | N | 20 | <20 |
| H3R1690 | .20 | .10 | .15 | .007 | <10 | N | N | N | 20 | <20 |
| H3R1700 | .50 | .20 | .30 | .010 | 10 | N | N | N | 15 | <20 |
| H3R1710 | 1.00 | .30 | .50 | .030 | 10 | N | N | N | 20 | <20 |
| H3R1720 | 1.00 | .50 | .70 | .030 | 10 | N | N | N | 20 | <20 |
| H3R1730 | 1.00 | .30 | .50 | .050 | 10 | N | N | N | 30 | <20 |
| H3R1740 | 1.50 | .30 | .20 | .050 | <10 | N | N | N | 20 | <20 |
| H3R1750 | .10 | .10 | .20 | .010 | <10 | N | N | N | 15 | <20 |
| H3R1760 | .70 | .07 | .15 | .015 | <10 | N | N | N | 50 | <20 |
| H3R1770 | 1.00 | .50 | .70 | .030 | <10 | N | N | N | 50 | <20 |
| H3R1780 | .20 | .05 | .20 | .007 | <10 | N | N | N | 30 | <20 |
| H3R1790 | .20 | .05 | .20 | .007 | 10 | N | N | N | 20 | <20 |
| H3R1800 | .15 | .20 | .50 | .015 | <10 | N | N | N | 30 | <20 |
| H3R1810 | .07 | .05 | .30 | .010 | 10 | N | N | N | 15 | <20 |

TABLE 3.-- SPECTROGRAHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H3, 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| H3R1370 | N | N | N | N | <10 | 7 | N | 20 | N | 10 | 10 |
| H3R1380 | N | N | N | N | <10 | <5 | N | 10 | N | 5 | <10 |
| H3R1390 | N | N | N | N | <10 | 5 | N | 15 | N | 10 | 10 |
| H3R1400 | N | N | N | N | <10 | 5 | N | 15 | N | 10 | 10 |
| H3R1410 | N | N | N | N | <10 | <5 | N | 10 | N | 7 | N |
| H3R1420 | N | N | N | N | 10 | <5 | N | 5 | N | 7 | N |
| H3R1430 | N | N | N | N | 15 | 7 | N | 7 | N | 10 | 10 |
| H3R1440 | N | N | N | N | <10 | 30 | N | 50 | N | 50 | 30 |
| H3R1450 | N | N | N | N | <10 | 10 | N | 10 | N | 15 | 10 |
| H3R1460 | N | N | N | N | <10 | <5 | N | <5 | N | 7 | N |
| H3R1470 | N | N | N | N | <10 | <5 | N | 5 | N | 7 | N |
| H3R1480 | N | N | N | N | <10 | <5 | N | 5 | N | 7 | N |
| H3R1490 | N | N | N | N | 70 | 15 | N | 20 | N | 7 | <10 |
| H3R1500 | N | N | N | N | 15 | 10 | N | 10 | N | 10 | N |
| H3R1510 | N | N | N | N | <10 | <5 | N | N | N | 7 | N |
| H3R1520 | N | N | N | N | <10 | <5 | N | N | N | 5 | N |
| H3R1530 | N | N | N | N | <10 | <5 | N | 5 | N | 5 | N |
| H3R1540 | N | N | N | N | <10 | <5 | N | 7 | N | 7 | N |
| H3R1550 | N | N | N | N | <10 | <5 | N | 5 | N | 5 | N |
| H3R1560 | N | N | N | N | <10 | <5 | N | 5 | N | 7 | N |
| H3R1570 | N | N | N | N | <10 | <5 | N | <5 | N | 7 | N |
| H3R1580 | N | N | N | N | <10 | <5 | N | N | N | 7 | N |
| H3R1590 | N | N | N | N | <10 | <5 | N | N | N | 7 | N |
| H3R1600 | N | N | N | N | <10 | <5 | N | 5 | N | 7 | N |
| H3R1610 | N | 10 | N | N | 15 | 7 | N | <5 | N | 10 | N |
| H3R1620 | N | N | N | N | <10 | 5 | N | N | N | 7 | N |
| H3R1630 | 1.0 | N | N | N | <10 | <5 | N | N | N | 7 | N |
| H3R1640 | N | N | N | N | <10 | <5 | N | N | N | 7 | N |
| H3R1650 | N | N | N | N | <10 | 5 | N | 7 | N | 7 | N |
| H3R1660 | N | N | N | N | 10 | 5 | N | 7 | N | 10 | <10 |
| H3R1670 | N | N | N | N | 10 | 7 | N | 10 | N | 15 | <10 |
| H3R1680 | N | N | N | N | <10 | 5 | N | 15 | N | 5 | N |
| H3R1690 | N | N | N | N | 10 | 5 | N | <5 | N | <5 | N |
| H3R1700 | N | N | N | N | 10 | 15 | N | <5 | N | 5 | <10 |
| H3R1710 | N | N | N | N | 10 | 20 | N | 10 | N | 7 | 10 |
| H3R1720 | N | N | N | N | 10 | 30 | N | 7 | N | 10 | 20 |
| H3R1730 | <1.0 | N | N | N | 10 | 10 | N | 7 | N | 10 | 15 |
| H3R1740 | N | N | N | N | <10 | 10 | N | 5 | N | 7 | 15 |
| H3R1750 | N | N | N | N | 10 | <5 | N | <5 | N | 5 | N |
| H3R1760 | N | N | N | N | 15 | 10 | N | <5 | N | 7 | N |
| H3R1770 | N | N | N | N | <10 | 7 | N | <5 | N | <5 | <10 |
| H3R1780 | N | N | N | N | 10 | <5 | N | 5 | N | 5 | N |
| H3R1790 | <1.0 | N | N | N | 10 | <5 | N | 5 | N | 7 | N |
| H3R1800 | N | N | N | N | <10 | 20 | N | 15 | N | 10 | N |
| H3R1810 | N | N | N | N | <10 | 5 | N | <5 | N | 7 | N |

TABLE 3.-- SPECTROGRAHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H3, 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| H3R1370 | N | N | N | N | <10 | <50 | N | N | N | N | 18 |
| H3R1380 | N | N | N | N | <10 | <50 | N | N | N | N | 18 |
| H3R1390 | N | N | N | N | 10 | <50 | N | N | N | N | 18 |
| H3R1400 | N | N | N | N | 10 | <50 | N | N | N | N | 18 |
| H3R1410 | N | N | N | N | 10 | <50 | N | N | N | N | 18 |
| H3R1420 | N | N | N | N | 10 | <50 | N | N | N | N | 18 |
| H3R1430 | N | N | N | N | 10 | <50 | N | N | <10 | N | 18 |
| H3R1440 | N | N | N | N | 10 | <50 | N | N | N | N | 18 |
| H3R1450 | N | N | N | N | <10 | <50 | N | N | N | N | 18 |
| H3R1460 | N | N | N | N | <10 | <50 | N | N | N | N | 18 |
| H3R1470 | N | N | N | N | <10 | <50 | N | N | N | N | 18 |
| H3R1480 | N | N | N | N | <10 | <50 | N | N | N | N | 18 |
| H3R1490 | N | N | N | N | <10 | N | N | N | N | N | 18 |
| H3R1500 | N | N | N | N | <10 | N | N | N | N | N | 18 |
| H3R1510 | N | N | N | N | <10 | N | N | N | N | N | 18 |
| H3R1520 | N | N | N | N | <10 | N | N | N | N | N | 17 |
| H3R1530 | N | N | N | N | <10 | N | N | N | N | N | 17 |
| H3R1540 | N | N | N | N | <10 | N | N | N | N | N | 17 |
| H3R1550 | N | N | N | N | <10 | N | N | N | N | N | 17 |
| H3R1560 | N | N | N | N | <10 | N | N | N | N | N | 17 |
| H3R1570 | N | N | N | N | <10 | N | N | N | N | N | 17 |
| H3R1580 | N | N | N | N | <10 | N | N | N | N | N | 17 |
| H3R1590 | N | N | N | N | <10 | N | N | N | N | N | 17 |
| H3R1600 | N | N | N | N | <10 | N | N | N | N | N | 17 |
| H3R1610 | N | N | N | N | 10 | N | N | N | 15 | N | 35 |
| H3R1620 | N | N | N | N | 10 | N | N | N | 10 | N | 35 |
| H3R1630 | N | N | N | N | 10 | N | N | N | 15 | N | 35 |
| H3R1640 | N | N | N | N | <10 | N | N | N | <10 | N | 35 |
| H3R1650 | N | N | N | N | 10 | N | N | N | N | N | 35 |
| H3R1660 | N | N | N | N | 20 | N | N | <200 | N | N | 35 |
| H3R1670 | N | N | N | N | 15 | N | N | 700 | N | N | 35 |
| H3R1680 | N | N | N | N | 10 | <50 | N | N | N | N | 35 |
| H3R1690 | N | N | N | N | <10 | <50 | N | N | N | N | 35 |
| H3R1700 | N | N | N | N | 10 | <50 | N | N | N | N | 35 |
| H3R1710 | N | N | N | N | 15 | <50 | N | N | 10 | N | 35 |
| H3R1720 | N | N | N | N | 15 | <50 | N | 700 | N | N | 35 |
| H3R1730 | N | N | N | N | 20 | <50 | N | N | <10 | N | 35 |
| H3R1740 | N | N | N | N | 10 | <50 | N | N | N | N | 35 |
| H3R1750 | N | N | N | N | <10 | <50 | N | N | N | N | 35 |
| H3R1760 | N | N | N | N | <10 | <50 | N | N | N | N | 35 |
| H3R1770 | N | N | N | N | <10 | <50 | N | N | N | N | 35 |
| H3R1780 | N | N | N | N | <10 | <50 | N | N | N | N | 35 |
| H3R1790 | N | N | N | N | <10 | <50 | N | 200 | N | N | 35 |
| H3R1800 | N | N | N | N | 10 | <50 | N | N | N | N | 35 |
| H3R1810 | N | N | N | N | <10 | <50 | N | N | N | N | 35 |

TABLE 3.-- SPECTROGRAHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H3, 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 | Be-ppm s |
|---|---|---|---|---|---|---|---|---|---|---|
| H3R1820 | .10 | .07 | .20 | .007 | 10 | N | N | N | 20 | <20 |
| H3R1830 | .20 | .07 | .15 | .007 | <10 | N | N | N | 30 | <20 |
| H3R1840 | .15 | .10 | .20 | .005 | <10 | N | N | N | 30 | <20 |
| H3R1850 | .20 | .02 | .10 | .007 | <10 | N | N | N | 50 | <20 |
| H3R1860 | .15 | .10 | .15 | .003 | <10 | N | N | N | 50 | <20 |
| H3R1865 | .20 | .07 | .07 | .005 | <10 | N | N | N | 50 | <20 |

TABLE 3.-- SPECTROGRAHIC ANALYSES OF INSOLUBLE - RESIDUE SAMPLES FROM DRILL HOLE NO. H3, 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| H3R1820 | N | N | N | N | 20 | 5 | N | 10 | N | 7 | N |
| H3R1830 | N | N | N | N | 50 | <5 | N | 7 | N | 5 | 20 |
| H3R1840 | N | N | N | N | 20 | <5 | N | 7 | N | 5 | N |
| H3R1850 | N | N | N | N | 10 | 5 | N | 7 | N | 5 | N |
| H3R1860 | N | N | N | N | <10 | <5 | N | 15 | N | 5 | N |
| H3R1865 | N | N | N | N | <10 | 5 | N | 10 | N | 7 | N |