

Bureau of Mines Information Circular/1975

**The Reserve Base of Coal  
for Underground Mining  
in the Western United States**



**UNITED STATES DEPARTMENT OF THE INTERIOR**

Information Circular 8678

# **The Reserve Base of Coal for Underground Mining in the Western United States**

**By Thomas K. Matson and Doss H. White, Jr.**  
**Intermountain Field Operation Center, Denver, Colo.**



**UNITED STATES DEPARTMENT OF THE INTERIOR**  
**Rogers C. B. Morton, Secretary**

**Jack W. Carlson, Assistant Secretary—Energy and Minerals**

**BUREAU OF MINES**  
**Thomas V. Falkie, Director**

This publication has been cataloged as follows:

Matson, Thomas K

The reserve base of coal for underground mining in the Western United States, by Thomas K. Matson and Doss H. White, Jr. [Washington] U.S. Bureau of Mines [1975]

238 p. illus., tables. (U.S. Bureau of Mines. Information circular 8678)

Includes bibliography.

I. Coal--The West. I. White, Doss H., jt. auth. II. U.S. Bureau of Mines. III. Title. (Series)

TN23.U71 no. 8678 622.06173

U.S. Dept. of the Int. Library

## CONTENTS

|                                                                       | <u>Page</u> |
|-----------------------------------------------------------------------|-------------|
| Abstract.....                                                         | 1           |
| Introduction.....                                                     | 1           |
| Acknowledgments.....                                                  | 2           |
| Criteria.....                                                         | 5           |
| Procedure.....                                                        | 7           |
| Underground coal production in the Western United States.....         | 12          |
| Constraints on the availability of coal for underground mining.....   | 12          |
| Coal reserve base.....                                                | 14          |
| Bibliography.....                                                     | 16          |
| Discussion of appendixes.....                                         | 20          |
| Appendix A.--Glossary of coal resource terms.....                     | 21          |
| Appendix B.--Definitions.....                                         | 23          |
| Appendix C.--Underground coal-reserve base.....                       | 24          |
| Appendix D.--Average analyses of coal, by State, county, and bed..... | 168         |
| Appendix E.--Coalbed names and code numbers.....                      | 214         |

## ILLUSTRATIONS

|                                                                                                   |    |
|---------------------------------------------------------------------------------------------------|----|
| 1. Bituminous and subbituminous coal and lignite fields of the<br>conterminous United States..... | 3  |
| 2. Coalfields of Alaska.....                                                                      | 4  |
| 3. Percentage recovery of thick coalbeds.....                                                     | 13 |

## TABLES

|                                                                                                                               |     |
|-------------------------------------------------------------------------------------------------------------------------------|-----|
| 1. Coal resource/reserve criteria.....                                                                                        | 5   |
| 2. Western coal resource criteria as published.....                                                                           | 10  |
| 3. Coal depletion, by state--January 1, 1974.....                                                                             | 11  |
| 4. Underground mining in the Western United States--1972.....                                                                 | 12  |
| 5. Demonstrated underground reserve base of coal in the Western<br>United States--January 1, 1974.....                        | 14  |
| C-1. Underground bituminous coal reserve base, by State, county, bed,<br>thickness, and sulfur range--January 1, 1974.....    | 24  |
| C-2. Underground anthracite reserve base by State, county, bed,<br>thickness, and sulfur range--January 1, 1974.....          | 126 |
| C-3. Underground subbituminous coal reserve base, by State, county,<br>bed, thickness, and sulfur range--January 1, 1974..... | 131 |
| D. Average analyses of coal, by State, county, and bed.....                                                                   | 168 |
| E. Coalbed names and code numbers.....                                                                                        | 214 |

# THE RESERVE BASE OF COAL FOR UNDERGROUND MINING IN THE WESTERN UNITED STATES

by

Thomas K. Matson<sup>1</sup> and Doss H. White, Jr.<sup>2</sup>

---

## ABSTRACT

The coal reserve base in the Western United States is presented for coalbeds amenable to extraction by underground mining methods. The Federal Bureau of Mines has abstracted data on the quality and quantity of coal resources/reserves from numerous State and Federal publications and modified such data as necessary to allow computer storage and retrieval. Tonnages are compiled by State, county, coalbed, and rank, and allotted to sulfur categories by statistical apportionment.

The coal reserve base in those States west of the Mississippi River, amenable to underground mining, is estimated to be approximately 131 billion tons. Of this total, about 30.8 billion tons are bituminous coal, 100.2 billion tons are subbituminous coal, and 126.4 million tons are anthracite. Lignite is not considered for underground mining in this report.

Included in this report is a glossary of terms applicable to a classification system for coal resources and reserves as jointly defined by the Bureau of Mines and U.S. Geological Survey. The purpose of this system is to provide for direct comparison or compilation of various resource/reserve data.

## INTRODUCTION

A thorough, concise knowledge of the Nation's reserve base of energy minerals is important. In-depth planning and implementation of conventional or novel energy production techniques require knowledge of the quantity, quality, location, and availability of various primary energy sources.

The Mineral Supply Activity of the Federal Bureau of Mines compiles and reports such inventories on a continuing basis. This investigation, the second of a two-part series on the underground reserve base of coal in the United States, was prepared at the Intermountain Field Operation Center in Denver, Colo., and covers those States west of the Mississippi River. The

---

<sup>1</sup>Petroleum engineer.

<sup>2</sup>Mining engineer.

earlier Information Circular dealt with the underground reserve base of coal in the Eastern United States (40).<sup>3</sup>

Various State, Federal, and private investigations quantifying the coal resources for selected areas have been published in the past. However, because differing criteria often have been employed in conducting these investigations, data are not always suitable to direct comparison or compilation. In an effort to develop a common definition that would permit comparison of resource data, the Bureau of Mines and the U.S. Geological Survey, in November 1973, jointly agreed to a standardized, definitive, broadly applicable classification system for mineral resources and reserves. These definitions were adapted for coal investigations early in 1974 and are to be adhered to for official resource/reserve estimates by the U.S. Department of the Interior. This report conforms with the established criteria.

Background material is supplied to provide an explanation of the method of reserve base calculation. The background material will also indicate areas where the data are inadequate and further investigations are warranted. The location of the Nation's coalfields is shown in figures 1 and 2.

#### ACKNOWLEDGMENTS

The authors wish to acknowledge the assistance and cooperation of several individuals who contributed to the successful completion of this report. Paul Averitt and Edwin Landis of the U.S. Geological Survey offered assistance through their familiarity with coal in the Western United States. Charles E. Robertson of the Missouri Geological Survey, Robert E. Matson of the Montana Bureau of Mines and Geology, S. A. Friedman of the Oklahoma Geological Survey, Hellmut Doelling of the Utah Geological and Mineralogical Survey, and Gary B. Glass of the Geological Survey of Wyoming assisted with knowledge of coal in their respective States.

Thanks are also extended to Jerrold G. Thompson, Paul J. Waller, and Joseph E. Toland, Division of Automatic Data Processing, Bureau of Mines, Denver Colo., for preparing the tables.

---

<sup>3</sup>Underlined numbers in parentheses refer to items in the list of references preceding the appendixes.

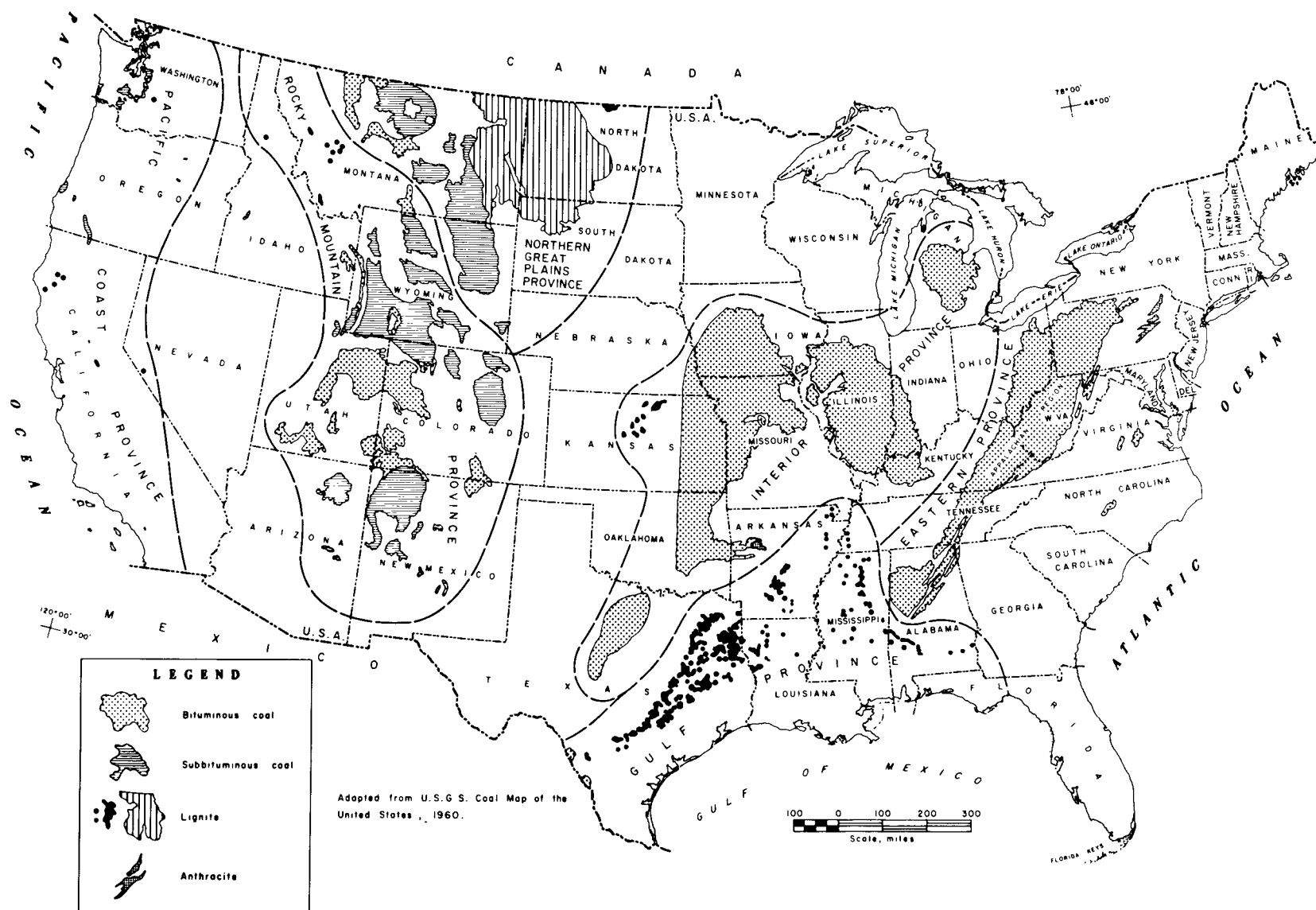


FIGURE 1. - Bituminous and subbituminous coal and lignite fields of the conterminous United States.

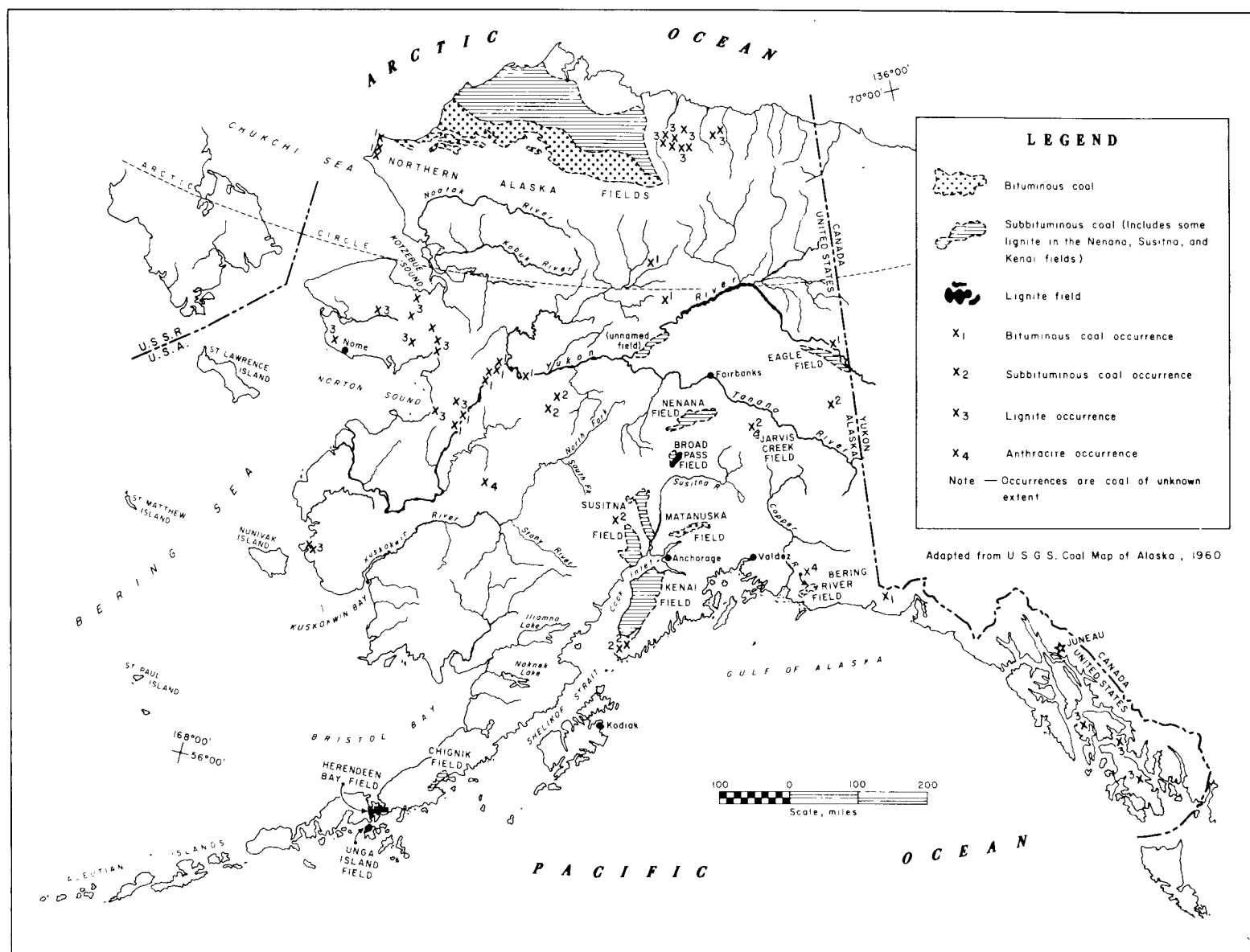


FIGURE 2. - Coalfields of Alaska.

## CRITERIA

Coal resource and reserve classifications are based upon (1) the thickness of the coalbed, (2) the depth of the coalbed, and (3) the reliability of the data upon which the estimate was based. The criteria for each category are described in the following paragraphs and summarized in table 1. These categories will be used in preparing all Department of the Interior coal resource/reserve estimates from January 1, 1974, until further revised.

TABLE 1. - Coal resource/reserve criteria<sup>1</sup>

| Category and coal rank                      | Depth, feet   | Thickness, inches |
|---------------------------------------------|---------------|-------------------|
| Total resources and undiscovered resources: |               |                   |
| Anthracite and bituminous.....              | 6,000 or less | 14 or more        |
| Subbituminous and lignite.....              | 6,000 or less | 30 or more        |
| Identified resources:                       |               |                   |
| Anthracite and bituminous.....              | 3,000 or less | 14 or more        |
| Subbituminous and lignite.....              | 3,000 or less | 30 or more        |
| Reserves:                                   |               |                   |
| Anthracite and bituminous.....              | 1,000 or less | 28 or more        |
| Subbituminous.....                          | 1,000 or less | 60 or more        |
| Lignite.....                                | 120 or less   | 60 or more        |
| Subeconomic resources:                      |               |                   |
| Anthracite and bituminous.....              | 0-1,000       | 14-28             |
|                                             | 1,000-3,000   | 14 or more        |
| Subbituminous.....                          | 0-1,000       | 30-60             |
|                                             | 1,000-3,000   | 30 or more        |
| Lignite.....                                | 0- 120        | 30-60             |
|                                             | 120-3,000     | 30 or more        |

<sup>1</sup>Included in reserves, identified, and total resources are thinner and/or deeper beds that presently are being mined or for which there is evidence that they could be mined commercially at this time. Identified resources are classified as measured, indicated, and inferred according to the degree of geologic assurance as described in the text.

Identified resources--This category includes beds of bituminous coal and anthracite 14 inches or more thick and beds of subbituminous coal and lignite 30 inches or more thick that occur at depths to 3,000 feet, and whose existence and quantity have been delineated within specified degrees of geologic assurance as measured, indicated, or inferred. Also included are thinner and/or deeper beds that presently are being mined or for which there is evidence that they could be mined commercially.

Undiscovered resources--This category includes beds of bituminous coal and anthracite 14 inches or more thick and beds of subbituminous coal and lignite 30 inches or more thick that are presumed to occur in unmapped and unexplored areas reasonably near the surface (to depths of 3,000 feet) or in deeper structural basins of depths between 3,000 feet and 6,000 feet. All undiscovered coal resources in the United States are considered to be in the "hypothetical" category. (See appendix A.)

Total resources--This category is the sum of the "identified" and "undiscovered" resources.

Reserve base--The reserve base includes beds of bituminous coal and anthracite 28 inches or more thick and beds of subbituminous coal 60 inches or more thick that occur at depths to 1,000 feet, as well as beds of lignite 60 inches or more thick that can be surface mined--generally those that occur at depths no greater than 120 feet. Also included are thinner and/or deeper beds that presently are being mined or for which there is evidence that they could be mined commercially at this time.

Reserve or recoverable reserve--This category is that portion of the reserve base that can be mined legally and economically at the time of classification.

Subeconomic resources--All identified resources that do not fall into the reserve category are termed subeconomic resources. These include beds of bituminous coal and anthracite 14 inches to 28 inches thick and beds of subbituminous coal 30 inches to 60 inches thick that occur at depths to 1,000 feet, beds of bituminous coal and anthracite 14 inches or more thick and beds of subbituminous coal 30 inches or more thick that occur at depths between 1,000 and 3,000 feet, lignite beds 30 inches or more thick that cannot be surface mined--generally those that occur at depths greater than 120 feet, lignite beds 30 inches to 60 inches thick that can be surface mined, and the nonrecoverable portion of the reserve base.

The following criteria for measured, indicated, and inferred are applicable to both the reserve and subeconomic resource components.

Measured--Coal tonnage is computed from dimensions revealed in outcrops, trenches, mine workings, and drill holes. The points of observation and measurement are so closely spaced and the thickness and extent of coalbeds are so well defined that the calculated tonnage is judged to be accurate within 20 percent of true tonnage. Although the spacing of the points of observation necessary to demonstrate continuity of the coal differs from region to region according to the character of the coalbeds, the points of observation are, in general, no greater than 1/2 mile apart.

Indicated--Tonnage is computed partly from specified measurements and partly from projection of visible data for a reasonable distance on the basic geologic evidence. In general, the points of observation are about 1 mile apart, but they may be as much as 1-1/2 miles apart for beds of known continuity.

Inferred--Quantitative estimates are based largely on broad knowledge of the geologic character of the bed or region and few measurements of coalbed thickness are available. The estimates are based primarily on an assumed continuation for which there is geologic evidence. In general, inferred coal lies more than 1-1/2 miles from the outcrop or from points for which mining or drilling information is available.

Demonstrated reserves--This category is the sum of the measured and indicated reserves.

## PROCEDURE

The coal reserve base for underground mining as presented in this report, was computed by subtracting the strippable reserve base from the total reserve base by coalbed. The reserve base of surface-minable coal was obtained primarily from a Bureau of Mines Information Circular (41), with various other Federal, State, and private data to augment and update tonnage figures. The total reserve base was compiled from many publications and reports. The Bureau of Mines has been active during the past several years in computer storage and retrieval of data on the quantity and quality of coal resources/reserves in the United States. These data, currently stored in a computerized energy data bank termed FAS (Fuels Availability System), were abstracted from numerous State and Federal publications. The input system uses depth, reliability-of-estimate, and bed-thickness modifiers for each tonnage entry, and each entry is located geographically as precisely as possible. However, because of the differing criteria previously used in calculating and reporting coal resource data, some modifications of the published estimates were required to bring the information to a standard form to allow computer storage and retrieval.

The coal-tonnage data in some publications were presented in such a manner that specific depth, reliability-of-estimate, and/or bed-thickness modifiers could not be assigned. When such data could not be categorized, an "unclassified" tonnage modifier was assigned for computer storage, resulting in the omission of some 49 billion tons of coal from the reserve base because the data were unuseable.

In addition to unclassified coal, the criteria discussed in the previous section require that coal too thin, too deep, or in the "inferred" reliability-of-estimate category be excluded from the reserve base. Also, lignite is not considered in the underground reserve base for purposes of this report. Economics do not justify mining lignite by underground methods because of the low heating value in relation to bituminous and subbituminous coal, and therefore the low sales value in relation to the cost of extraction.

Coal resource criteria, as presented in the literature, are summarized in table 2. The following discussion by state, explains the source data presentation and modifications thereof.

Alaska.--Coal-resource data are presented in standard form, and no modifications were required.

Arizona.--Data on underground coal resources are in the inferred reliability-of-estimate category or unclassified, precluding the estimation of an underground reserve base.

Arkansas.--Coal resource data required no modifications.

Colorado.--Much of the coal resource data was taken from a U.S. Geological Survey open file report (27). Additional Federal and State publications were used to supplement the open file report. Resource data are presented in

standard form except for some tonnages with thickness data "classified by zone."

Iowa.--Data on underground coal resources are presented in standard form and required no modifications. Comparable data for surface coal resources have not been published. Averitt (2) has estimated Iowa surface-minable coal at 1 billion tons based on geologic inference. In addition to being in the inferred category, the location of this coal has not been specified; therefore, it was not possible to use this figure to establish a strippable-coal reserve base.

Kansas.--Although "proven" (measured) resources, as defined by the Kansas Geological Survey, in the 0 to 1,000-foot-depth range amount to 1,197 million tons, data are lacking on coalbed thicknesses, precluding the calculation of an underground reserve base. According to A. L. Hornbaker, formerly with the Kansas Geological Survey, it is believed the Weir-Pittsburgh bed in Labette and Montgomery Counties may contain bituminous coal with a thickness greater than 28 inches, which would be within the underground reserve base category.

Missouri.--Coal resource data are estimated for two reliability-of-estimate categories: "indicated and strongly inferred" and "weakly inferred." Discussions with personnel of the Missouri Geological Survey led to the handling of "indicated and strongly inferred" as if it were "indicated." According to Charles E. Robertson of the Missouri Geological Survey, recent investigations in the State will increase the underground coal reserve base shown in the tables by about 3 billion tons when the computer data bank can be updated.

Montana.--Coal resource data, as reported in a U.S. Geological Survey Circular (12), are presented on a county basis; beds are not identified. Much of the subbituminous and lignite resource tonnage is reported as "unclassified as to thickness." Recent investigations have indicated that most of these unclassified resources are greater than 5 feet thick. For computer coding, these unclassified resources were prorated into the coal thickness categories "5 to 10 feet" and "greater than 10 feet;" all coal was considered to be less than 1,000 feet in depth.

Approximately 42.6 billion tons of surface-minable subbituminous coal and lignite has been reported in Montana. Because this coal was only reported on a deposit basis, it was necessary to prorate the surface-minable reserve base on a county basis for inclusion into the Fuels Availability System to facilitate the calculation of an underground reserve base.

New Mexico.--Coal resource data are presented in standard form, and no modifications were required. The strippable-coal reserve base was estimated from company reports and coal in the "measured" category in New Mexico Bureau of Mines Memoir 25.

Oklahoma.--Coal resource data are presented in standard form, and no modifications were required.

Oregon.--Coal resource data are reported in various nonstandard depths and required some modification. About 37.8 million tons is estimated to be in the "measured" and "indicated" reliability-of-estimate categories in beds greater than 5 feet thick to a depth of 1,500 feet. This coal is not reflected in the tables because of insufficient data to allocate tonnages from the nonstandard depth criteria.

Utah.--Coal resource data are reported for beds greater than 4 feet thick; therefore, it was not possible to carry the underground reserve base down to a 28-inch thickness for bituminous coal.

Wyoming.--Basic resource data are reported in a U.S. Geological Survey Circular (8) on county-township subdivisions. Subsequent reports have reported on a coalfield-township basis. Where information overlapped, the more recent reports were used to update the State resource information.

Gary Glass, staff coal geologist with The Geological Survey of Wyoming, has identified the surface-minable reserve base of coal in Wyoming, about 23.8 billion tons, by county. These data were allocated on a coalbed basis in line with previous estimates, and incorporated into the Fuels Availability System to facilitate the calculation of the underground coal reserve base.

Tables C-1, C-2, and C-3 present the reserve base of coal minable by underground methods, tabulated by sulfur content and thickness range. The thickness classifications, 28 to 42 inches and greater than 42 inches for bituminous coal and anthracite and 5 to 10 feet and greater than 10 feet for subbituminous coal and lignite, are equivalent to the manner in which the total reserve base of coal was available from the computer. However, such classification was not available for the strippable reserve base which, as stated earlier, must be subtracted from the total to obtain figures for coal minable by underground methods. This necessitated the allocation of the strippable reserve base into the aforementioned thickness categories according to rank. This was accomplished by allocation, based upon the average thickness of coalbeds amenable to surface mining in each State. As in the case of bituminous coal, an average coalbed thickness of 42 inches or less resulted in the allocations of that State's strippable reserve base to the 28- to 42-inch category. This is considered a reasonable approximation of actual conditions, but not as valid as the total tonnage of both thickness ranges. A tabulation of average strippable coalbed thickness follows by State:

| <u>State</u>    | <u>Average strippable<br/>coalbed thickness</u> | <u>State</u>      | <u>Average strippable<br/>coalbed thickness</u> |
|-----------------|-------------------------------------------------|-------------------|-------------------------------------------------|
| Alaska.....     | >10 ft                                          | North Dakota..... | 16 ft                                           |
| Arizona.....    | 10 ft                                           | Missouri.....     | 24 in                                           |
| Arkansas.....   | 26 in                                           | Oklahoma.....     | 24 in                                           |
| Colorado.....   | 12 ft                                           | Texas.....        | 7 ft                                            |
| Iowa.....       | 36 in                                           | Utah.....         | 14 ft                                           |
| Kansas.....     | 22 in                                           | Washington.....   | 22 ft                                           |
| Montana.....    | 24 ft                                           | Wyoming.....      | 67 ft                                           |
| New Mexico..... | 11 ft                                           |                   |                                                 |

TABLE 2. - Western coal resource criteria as published

| State                                 | Rank                                   | Reliability category                              | Thickness division <sup>1</sup>    | Depth division, <sup>2</sup><br>feet                        | Data source                                |
|---------------------------------------|----------------------------------------|---------------------------------------------------|------------------------------------|-------------------------------------------------------------|--------------------------------------------|
| WESTERN INTERIOR AND TEXAS GULF COAST |                                        |                                                   |                                    |                                                             |                                            |
| Arkansas.....                         | Bituminous and semianthracite.         | Measured, indicated, inferred.                    | Standard                           | 0- 60<br>60- 500<br>500-1,000<br>1,000-2,000<br>2,000-3,000 | (19).                                      |
| Iowa.....                             | Bituminous.....                        | Measured and indicated, inferred.                 | Standard                           | 0-1,000                                                     | (26).                                      |
| Kansas.....                           | .....do.....                           | Proved, potential <sup>3</sup> ..                 | <sup>4</sup> >10                   | ( <sup>4</sup> )                                            | (1).                                       |
| Missouri.....                         | .....do.....                           | Indicated and strongly inferred, weakly inferred. | 12-18, 18-28, 28-42, >42 inches.   | 0-1,000                                                     | (37).                                      |
| Oklahoma.....                         | .....do.....                           | Measured, indicated, inferred.                    | Standard                           | Standard                                                    | (39).                                      |
| Texas.....                            | .....do.....                           | Inferred.....                                     | Various--range 1.2-6 feet.         | Standard                                                    | (30).                                      |
| Do.....                               | Lignite.....                           | Measured, indicated.                              | >5 feet                            | 0-90, >90                                                   | (17).                                      |
| WESTERN STATES                        |                                        |                                                   |                                    |                                                             |                                            |
| Arizona                               |                                        |                                                   |                                    |                                                             |                                            |
| Black Mesa.                           | Bituminous and subbituminous.          | Measured, inferred..                              | Various                            | 0- 650<br>0-1,000<br>0-1,700                                | (35).                                      |
| Deer Creek.                           | Bituminous.....                        | Unclassified.....                                 | >14 inches                         | 0-1,000                                                     | (3).                                       |
| Pinedale...                           | Subbituminous..                        | .....do.....                                      | >30 inches                         | 0-1,000                                                     | (3).                                       |
| Colorado.....                         | Anthracite, bituminous, subbituminous. | Measured and indicated, inferred.                 | Standard <sup>5</sup>              | Standard                                                    | (5-6), (20), (22-23), (27), (42-44), (47). |
| Montana.....                          | Bituminous.....                        | .....do.....                                      | 14-24, 24-36, >36 inches           | 0-2,000                                                     | (12).                                      |
| Do.....                               | Subbituminous and lignite.             | .....do.....                                      | Standard and unclassified.         | 0-2,000                                                     | (12).                                      |
| New Mexico...                         | Anthracite, bituminous, subbituminous. | Measured, indicated, inferred.                    | Standard                           | Standard                                                    | (36).                                      |
| Strip.....                            | Bituminous and subbituminous.          | Measured and inferred.                            | Unclassified.                      | 0- 150<br>150- 250                                          | (38).                                      |
| North Dakota.                         | Lignite.....                           | Measured, indicated, inferred.                    | Standard                           | 0-1,000                                                     | (9).                                       |
| South Dakota.                         | .....do.....                           | .....do.....                                      | Standard                           | 0-1,000                                                     | (10).                                      |
| Utah.....                             | Bituminous, subbituminous, lignite.    | Measured, indicated, inferred or unclassified.    | >4 feet, by zone, or unclassified. | Various <sup>6</sup>                                        | (13-15).                                   |
| Wyoming.....                          | Bituminous and subbituminous.          | Measured, indicated, inferred.                    | Standard                           | Standard                                                    | (8).                                       |
| PACIFIC COAST                         |                                        |                                                   |                                    |                                                             |                                            |
| Alaska.....                           | Bituminous, subbituminous, lignite.    | Measured, indicated, inferred.                    | Standard                           | Standard                                                    | (4).                                       |
| California..                          | Subbituminous and lignite.             | "Assumption".....                                 | Unclassified                       | Unclassified                                                | (24).                                      |
| Idaho.....                            | Bituminous and subbituminous.          | .....do.....                                      | >4 feet                            | 0-1,200                                                     | (25).                                      |
| Oregon.....                           | Subbituminous..                        | Measured, indicated, inferred.                    | Various--range 2.9-4.9 feet.       | Unknown                                                     | (31).                                      |
| Washington..                          | Anthracite and bituminous.             | Measured and indicated, inferred                  | Standard                           | Standard                                                    | (7).                                       |
| Do.....                               | Lignite.....                           | .....do.....                                      | Standard                           | 0-1,000                                                     | (7).                                       |

<sup>1</sup>The standard thickness divisions are 14-28, 28-42, and >42 inches for bituminous coal and anthracite, and 30-60, 60-120, and >120 inches for subbituminous coal and lignite.

<sup>2</sup>The standard depth divisions are 0-1,000, 1,000-2,000, and 2,000-3,000 feet.

<sup>3</sup>Potential refers to coal under a 400-square-mile area estimated from one or more measurements.

<sup>4</sup>Depth-thickness criteria are 16 inches at 100 feet, 18 inches at 150 feet, 22 inches at 200 feet, 32 inches at 600 feet, and 36 inches at 1,200 feet.

<sup>5</sup>Data for anthracite and bituminous coal are also reported on an inferred zone basis with various thickness divisions and depth divisions of 1,000-2,000 or 0-3,000 feet.

<sup>6</sup>Depth is not always reported and some divisions are 0-2,000 or 0-3,000 feet.

The sulfur content data were compiled as the number of sulfur analyses falling in each of 50 categories, ranging from zero to 10 percent with increments of 0.2 percent. Each category was numbered consecutively from 1 to 50. When plotted, using the category number as abscissa and the number of analyses as ordinate, it was frequently found that the distribution was multimodal. It was assumed that a multimodal distribution was created due to the lack of a sufficient number of analyses to fully describe a unimodal distribution. Therefore, the data were adjusted by eliminating nonconforming points to force a unimodal frequency distribution.

The adjusted data were then used in a least-squares regression routine to obtain an equation that described an expected frequency function. This equation was then used to determine smoothed values for each of the sulfur percentage categories within the range of the data. These values were adjusted so that each one represents the percentage of the total coal deposit that has the sulfur content specified, and the sum of all the category percentages equaled 100.

Although it is believed that the frequency functions derived were good estimates of the actual functions, it should be noted that the results of smoothing the data cannot be considered as an absolute distribution of sulfur content in any region. Lack of a sufficient number of analyses to adequately describe the distribution could have caused a frequency function to be created that describes a distribution that is completely unrepresentative of the sulfur content in that region. As an example, it is entirely possible that all of the analyses taken in a region were only from a small portion of the entire region.

Historical data on coal production were insufficient to allow compilation of the remaining reserve base by coalbed. To preserve the detail allowed in tabulating by bed, the original reserve base of coal for underground mining is compiled in appendix C. Depletion--production plus coal lost in mining--and resource estimate dates have been summarized by State in table 3.

TABLE 3. - Coal depletion, by State--January 1, 1974<sup>1</sup>

| State          | Depletion, <sup>2</sup><br>million tons | Date of<br>resource<br>estimate | State          | Depletion, <sup>2</sup><br>million tons | Date of<br>resource<br>estimate |
|----------------|-----------------------------------------|---------------------------------|----------------|-----------------------------------------|---------------------------------|
| Alaska.....    | 42                                      | Original                        | Montana.....   | 377                                     | Original                        |
| Arizona.....   | 10                                      | Do.                             | New Mexico.... | 335                                     | Do.                             |
| Arkansas.....  | 205                                     | Do.                             | Oklahoma.....  | 392                                     | Do.                             |
| California.... | 7                                       | Do.                             | Oregon.....    | 8                                       | Do.                             |
| Colorado.....  | 1,175                                   | Do.                             | Texas.....     | 61                                      | Do.                             |
| Idaho.....     | <1                                      | Do.                             | Utah.....      | 650                                     | Do.                             |
| Iowa.....      | 727                                     | Do.                             | Washington.... | 11                                      | 1960                            |
| Kansas.....    | 32                                      | 1957                            | Wyoming.....   | 20                                      | 1/1/73                          |
| Missouri.....  | 656                                     | Original                        |                |                                         |                                 |

<sup>1</sup>Figures for 1973 are preliminary.

<sup>2</sup>Depletion was calculated from date of resource estimate.

# UNDERGROUND COAL PRODUCTION IN THE WESTERN UNITED STATES

Total coal production in the United States in 1972 was 595 million tons. Underground production was 304 millions tons, the surface and auger mining accounting for the remainder.

Total coal production from States west of the Mississippi River in 1972 was 64.3 million tons, of which approximately 9.8 million tons was produced from underground mines. No lignite was produced by underground mining methods. Western States with underground production in 1972 were Arkansas, Colorado, Iowa, Montana, New Mexico, Oklahoma, Utah, Washington, and Wyoming. Colorado and Utah contributed 31 percent and 49 percent respectively, of the total western underground coal production. Relevant production data are contained in table 4.

TABLE 4. - Underground mining in the Western United States in 1972,<sup>1</sup>  
thousand short tons

| State                | Number of mines | Production         | Cut by conventional machines | Mined by continuous-mining machines | Mined by long-wall machines | Average value per ton | Average number of men working daily | Average number of days worked | Average tons per man per day |
|----------------------|-----------------|--------------------|------------------------------|-------------------------------------|-----------------------------|-----------------------|-------------------------------------|-------------------------------|------------------------------|
| Arkansas.....        | 1               | 8                  | 8                            | -                                   | -                           | \$12.50               | 34                                  | 51                            | 4.63                         |
| Colorado.....        | 27              | <sup>2</sup> 3,070 | 162                          | 2,598                               | 308                         | 8.34                  | 1,185                               | 241                           | 10.74                        |
| Iowa.....            | 2               | 352                | 352                          | -                                   | -                           | 4.80                  | 54                                  | 280                           | 23.29                        |
| Montana.....         | 3               | 17                 | 17                           | -                                   | -                           | 9.74                  | 30                                  | 127                           | 4.39                         |
| New Mexico.....      | 1               | 1,014              | -                            | 1,014                               | -                           | 10.42                 | 227                                 | 270                           | 16.53                        |
| Oklahoma.....        | 2               | 88                 | -                            | 88                                  | -                           | 15.00                 | 111                                 | 177                           | 4.50                         |
| Utah.....            | 21              | 4,770              | 442                          | 3,604                               | 723                         | 8.93                  | 1,577                               | 225                           | 13.44                        |
| Washington.....      | 1               | <sup>3</sup> 29    | -                            | -                                   | -                           | 16.40                 | 17                                  | 205                           | 8.18                         |
| Wyoming.....         | 5               | 442                | 106                          | 335                                 | -                           | 4.89                  | 153                                 | 218                           | 11.91                        |
| Total.....           | 63              | 9,790              | 1,087                        | 7,639                               | 1,031                       | 8.65                  | 3,388                               | 199                           | 14.50                        |
| Total United States. | 1,996           | 304,103            | 113,766                      | 178,375                             | 7,763                       | 9.70                  | 112,252                             | 227                           | 11.91                        |

<sup>1</sup>Data abstracted from U.S. Bureau of Mines. Coal-Bituminous and Lignite in 1972. Mineral Industry Survey, Nov. 15, 1973.

<sup>2</sup>Includes 1,000 tons cut by hand and shot from solid.

<sup>3</sup>All coal cut by hand and shot from solid.

Approximately 90 percent of underground coal production in the Western United States in 1972 was mined by room-and-pillar methods, 87 percent of this tonnage being produced using continuous-mining machines.

Longwall mining contributed about 10 percent of Western United States underground coal production in 1972.

## CONSTRAINTS ON THE AVAILABILITY OF COAL FOR UNDERGROUND MINING

Although the reserve base of coal west of the Mississippi River amenable to underground mining amounts to about 131 billion tons, there are various factors that would preclude extracting large quantities of this tonnage.

The existence of multiple coalbeds may prevent the safe and efficient extraction of a coalbed when an overlying or underlying bed has been previously mined.

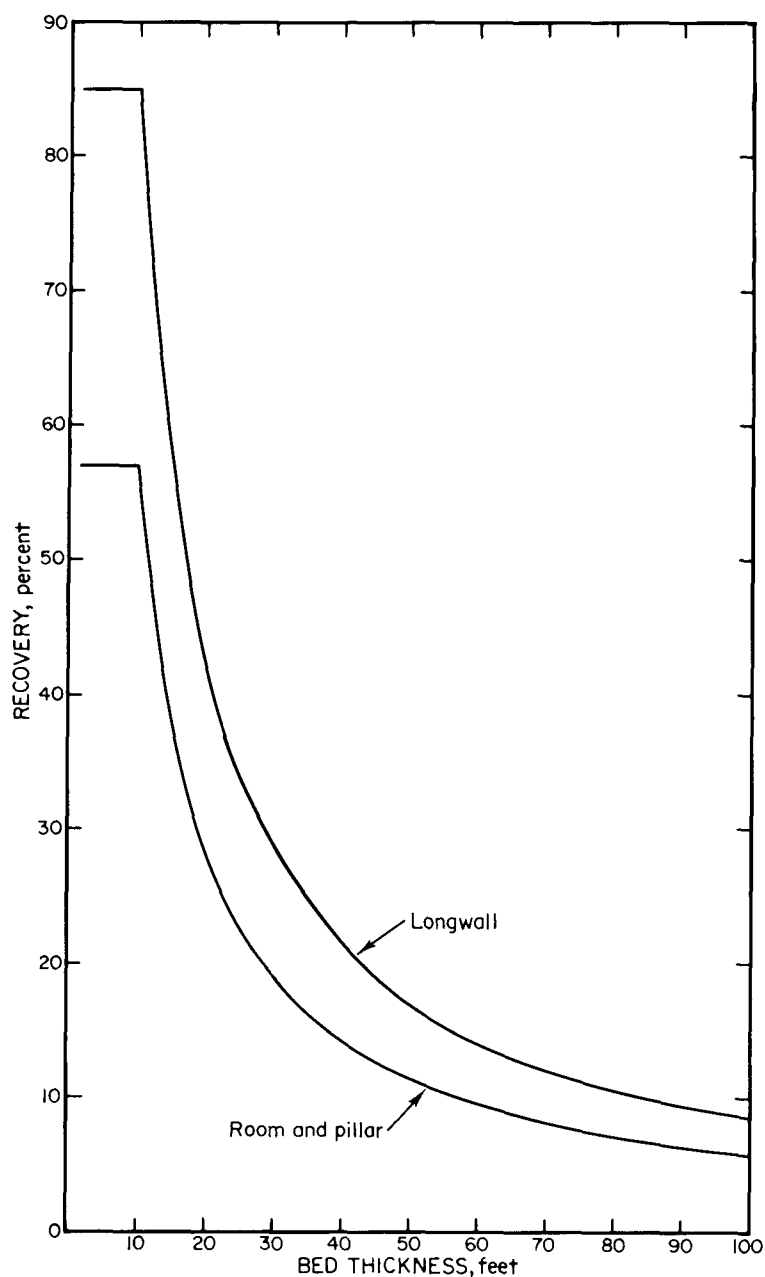


FIGURE 3. - Percentage recovery of thick coalbeds.

feet thick. Data are not available in such a manner to quantitatively identify bituminous coal in beds greater than 10 feet thick. This thick coal is considered

A lower bed may receive high stress loads underneath unmined pillars in the upper bed, whereas mining the lower bed first may severely disrupt the upper bed through subsidence and compaction of the intervening strata. The severity of disruption in either case depends upon the distance between beds, the nature of the intervening strata, and the mining method employed.

Large tonnages of coal would also be unavailable for underground mining where surface subsidence cannot be tolerated owing to conflict with other land uses. This would include coal beneath towns, rivers, railroads, highways, and areas of high land values.

One of the most significant constraints on the availability of coal for underground mining in the Western United States is that coal which occurs in beds greater than 10 feet thick. Based on available data, at least 45.7 billion tons of subbituminous coal, or approximately 46 percent of the subbituminous reserve base and 35 percent of the total underground reserve base listed in this report is identified as being in coalbeds greater than 10

unavailable because domestic underground mining technology and equipment is essentially limited to face heights of 10 feet or less. Although there are a few mines recovering about 15 feet of coal, these are exceptional cases and do not reflect common practice or modern coal cutting equipment. This means that a mine in a 20-foot coalbed would only recover a percentage of the coal in a 10-foot slice of this bed, leaving unmined the remaining 10 feet of coal. Assuming that room-and-pillar mining can recover 57 percent (28) of the coal in this 10-foot slice, only 28.5 percent of the 20-foot bed will be recovered. Similarly, if longwall mining, or pillar extraction following room-and-pillar mining, is possible, 85 percent of the 10-foot slice may be recovered, translating to 42.5 percent recovery of the 20-foot bed. This example illustrates the gross contradiction to the concept of resource conservation when domestic underground coal mining technology is applied to a thick coalbed. Figure 3 illustrates percentage recovery that can be expected when beds thicker than 10 feet are mined by underground methods.

#### THE COAL RESERVE BASE

The demonstrated reserve base of coal potentially minable by underground methods is 131 billion tons occurring in 12 States west of the Mississippi River. This reserve base is tabulated in appendix C by State, county, coalbed, thickness, and sulfur content for bituminous and subbituminous coal and anthracite as of January 1, 1974. A summary is presented in table 5, by State and rank of coal.

TABLE 5. - Demonstrated underground reserve base of coal in the Western United States--January 1, 1974, million tons

| State           | Bituminous | Anthracite | Subbituminous | Total      |
|-----------------|------------|------------|---------------|------------|
| Alaska.....     | -          | -          | 4,246.40      | 4,246.40   |
| Arkansas.....   | 306.00     | 96.40      | -             | 402.40     |
| Colorado.....   | 9,226.12   | 27.74      | 4,745.29      | 13,999.15  |
| Iowa.....       | 2,884.86   | -          | -             | 2,884.86   |
| Missouri.....   | 6,073.64   | -          | -             | 6,073.64   |
| Montana.....    | 1,384.02   | -          | 64,450.25     | 65,834.27  |
| New Mexico..... | 1,527.20   | 2.30       | 607.00        | 2,136.50   |
| Oklahoma.....   | 860.13     | -          | -             | 860.13     |
| Oregon.....     | -          | -          | 1.03          | 1.03       |
| Utah.....       | 3,780.46   | -          | -             | 3,780.46   |
| Washington..... | 251.19     | -          | 1,194.64      | 1,445.83   |
| Wyoming.....    | 4,524.03   | -          | 24,966.69     | 29,490.72  |
| Total.....      | 30,817.65  | 126.44     | 100,211.30    | 131,155.39 |

Extreme caution must be exercised in any attempt to translate the underground reserve base into a recoverable reserve figure. The previous section on constraints illustrates some of the problems that may be encountered in underground mining in the Western United States that would inhibit the safe and efficient extraction of coal.

Because of data gaps and inadequacies, it would be very difficult, if not impossible, to accurately quantify the coal unavailable due to multiple

beds, thick beds, subsidence constraints, and other factors. However, the previous identification of approximately 45.7 billion tons of subbituminous coal in beds greater than 10 feet thick indicates the magnitude of the problem.

In addition, only a portion of that coal available for underground mining will be recovered. Lowrie (28) presented an overall average for underground recovery of coal in the United States of about 57 percent of the coal in place by room-and-pillar methods. This percentage varies considerably owing to local conditions. If geologic conditions were conducive to the application of long-wall mining, a higher percentage of the coal could be recovered.

In summation, there is simply not as much coal actually available to the consumer as the underground reserve base may imply.

## BIBLIOGRAPHY

1. Abernathy, G. E., J. M. Jewett, and W. H. Shoewe. Coal Reserves in Kansas. State Geol. Survey of Kansas, Bull. 70, pt. 1, 1947, 22 pp.
2. Averitt, P. Coal Resources of the United States, January 1, 1967. U.S. Geol. Survey Bull. 1275, 1969, 116 pp.
3. Averitt, P., and R. B. O'Sullivan. Section on Coal in Mineral and Water Resources of Arizona. Committee Print, Senate Committee on Interior and Insular Affairs, 1969, pp. 59-91.
4. Barnes, F. F. Coal Resources of Alaska. U.S. Geol. Survey Bull. 1242-B, 1967, 28 pp.
5. Barnes, H. Geology of the Ignacio Area, Ignacio and Pagosa Springs Quadrangles, LaPlata and Archuleta Counties, Colorado. U.S. Geol. Survey Oil and Gas Inv. Map OM 138, 1953.
6. Barnes, H., E. H. Baltz, and P. T. Hayes. Geology and Fuel Resources of the Red Mesa Area, LaPlata and Montezuma Counties, Colorado. U.S. Geol. Survey Oil and Gas Inv. Map OM 149, 1954.
7. Beikman, H. M., H. D. Gower, and T. A. M. Dana. Coal Reserves of Washington. Wash. Div. Mines and Geol. Bull. 47, 1961, 113 pp.
8. Berryhill, H. L., D. M. Brown, A. Brown, and D. A. Taylor. Coal Resources of Wyoming. U.S. Geol. Survey Circ. 81, 1950, 78 pp.
9. Brant, R. A. Lignite Resources of North Dakota. U.S. Geol. Survey Circ. 226, 1953, 78 pp.
10. Brown, D. M. Lignite Resources of South Dakota. U.S. Geol. Survey Circ. 159, 1952, 18 pp.
11. Cassidy, S. M. (ed.). Elements of Practical Coal Mining. Soc. Min. Eng., American Institute of Mining, Metallurgical, and Petroleum Engineers, New York, 1973, 613 pp.
12. Combo, J. X., D. M. Brown, H. F. Pulver, and D. A. Taylor. Coal Resources of Montana. U.S. Geol. Survey Circ. 53, 1949, 28 pp.
13. Doelling, H. H. Southwestern Utah Coal Fields. Utah Geol. and Miner. Survey Monograph Ser. 1, 1972, 333 pp.
14. \_\_\_\_\_. Central Utah Coal Fields. Utah Geol. and Miner. Survey Monograph Ser. 3, 1972, 571 pp.
15. Doelling, H. H., and R. L. Graham. Eastern and Northern Utah Coal Fields. Utah Geol. and Miner. Survey Monograph Ser. 2, 1972, 409 pp.

16. Duncan, D. C. Geology and Coal Deposits in part of the Coos Bay Coal Field, Oregon. U.S. Geol. Survey Bull. 982-B, 1953, pp. 53-73.
17. Fisher, W. L. Lignites of the Texas Gulf Coastal Plain. Texas Bu. Econ. Geol. RI 50, 1963, 164 pp.
18. Glass, G. B. Midyear Review of Wyoming Coal Fields. Geol. Survey of Wyo., 1972, 43 pp.
19. Haley, B. R. Coal Resources of Arkansas. U.S. Geol. Survey Bull. 1072-P, 1954, pp. 795-831.
20. Harbour, R. L., and G. H. Dixon. Coal Resources of Trinidad-Aguilar Area, Las Animas and Huerfano Counties, Colorado. U.S. Geol. Survey Bull. 1072-G, 1959, pp. 445-489.
21. Hendricks, T. A. (The Coal Fields of) Nevada. Ch. in Analyses of Arizona, California, Idaho, Nevada, and Oregon Coals. BuMines Tech. Paper 696, 1947, p. 9.
22. Johnson, R. B. Geology and Coal Resources of the Walsenburg Area, Huerfano County, Colorado. U.S. Geol. Survey Bull. 1042-O, 1958, pp. 557-583.
23. Johnson, R. B., and J. G. Stevens. Coal Resources of the LaVeta Area, Huerfano County, Colorado. U.S. Geol. Survey Coal Inv. Map C 20, 1954.
24. Karp, S. E. California Coal. Compass of Sigma Gamma Epsilon, v. 26, 1949, pp. 341-344.
25. Kiilsgaard, T. H. The Geology and Coal of the Horseshoe Creek District, Teton County, Idaho. Idaho Bu. Mines and Geol. Pamphlet 92, 1951, 42 pp.
26. Landis, E. R. Coal Resources of Iowa. Iowa Geol. Survey Tech. Paper 4, 1965, 141 pp.
27. Landis, E. R., and G. C. Cone. Coal Resources of Colorado Tabulated by Bed. U.S. Geol. Survey Open File Rept., 1971, 512 pp.
28. Lowrie, R. L. Recovery Percentages of Bituminous Coal Deposits in the United States (in Two Parts). Part 1. Underground Mines. BuMines RI 7109, 1965, 19 pp.
29. Mapel, W. J. Geology and Coal Resources of the Buffalo-Lake De Smet Area, Johnson and Sheridan Counties, Wyoming. U.S. Geol. Survey Bull. 1078, 1959, 148 pp.
30. \_\_\_\_\_. Bituminous Coal Resources of Texas. U.S. Geol. Survey Bull. 1242-D, 1967, 28 pp.

31. Mason, R. S., and M. I. Erwin. Coal Resources of Oregon. U.S. Geol. Survey Circ. 362, 1955, 7 pp.
32. Matson, R. E., and J. W. Blumer. Quality and Reserves of Strippable Coal in Southeastern Montana. Mont. Bu. Mines and Geol. Bull. 91, 1973, 135 pp.
33. Olive, W. W. The Spotted Horse Coalfield, Sheridan and Campbell Counties, Wyoming. U.S. Geol. Survey Bull. 1050, 1957, 83 pp.
34. Parr, S. W. The Classification of Coal. Eng. Exp. Sta., Univ. Ill. Bull. 180, 1928, 62 pp.
35. Peirce, H. W., S. B. Keith, and J. C. Wilt. Coal, Oil, Natural Gas, Helium, and Uranium in Arizona. Ariz. BuMines Bull. 182, 1970, pp. 11-41.
36. Read, C. B., R. T. Duffner, G. H. Wood, and A. D. Zapp. Coal Resources of New Mexico. U.S. Geol. Survey Circ. 89, 1950, 24 pp.
37. Robertson, C. E. Availability and Classification of Missouri Coals. Missouri Geol. Survey and Water Res. RI 48, 1971, 55 pp.
38. Shoemaker, J. W., E. C. Beaumont, and F. E. Kottowski. Strippable Low-Sulfur Coal Resources of the San Juan Basin in New Mexico and Colorado. N. Mex. Bur Mines and Miner. Res. Memoir 25, 1971, 189 pp.
39. Trumbell, J. V. A. Coal Resources of Oklahoma. U.S. Geol. Survey Bull. 1042-J, 1957, pp. 307-381.
40. U.S. Bureau of Mines. The Reserve Base of Bituminous Coal and Anthracite for Underground Mining in the Eastern United States. BuMines IC 8655, 1974, 428 pp.
41. U.S. Bureau of Mines. Strippable Reserves of Bituminous Coal and Lignite in the United States. BuMines IC 8531, 1971, 148 pp.
42. Wood, G. H., Jr., R. B. Johnson, and G. H. Dixon. Geology and Coal Resources of the Gulnare, Cuchara Pass, and Stonewall Area. Huerfano and Las Animas Counties, Colorado. U.S. Geol. Survey Coal Inv. Map C 26, 1956.
43. \_\_\_\_\_. Geology and Coal Resources of the Starkville-Weston Area, Las Animas County, Colorado. U.S. Geol. Survey Bull. 1051, 1957, 68 pp.
44. Wood, G. H., Jr., R. B. Johnson, D. H. Eargle, R. T. Duffner, and H. Major. Geology and Coal Resources of the Stonewall-Tercio Area, Las Animas County, Colorado. U.S. Geol. Survey Coal Inv. Map C 4, 1951.

45. Woodruff, S. Methods of Working Coal and Metal Mines. Pergamon Press, Oxford, New York, v. 2, 1966, 436 pp.
46. \_\_\_\_\_. Methods of Working Coal and Metal Mines. Pergamon Press, Oxford, New York, v. 3, 1966, 571 pp.
47. Zapp, A. D. Geology and Coal Resources of the Durango Area, LaPlata and Montezuma Counties, Colorado. U.S. Geol. Survey Oil and Gas Inv. (Prelim.) Map 109, 1949.

## DISCUSSION OF APPENDIXES

Appendix A is a glossary of coal resource and reserve terms developed through joint agreement between the U.S. Bureau of Mines and the U.S. Geological Survey.

Appendix B is a list of definitions of terms as used in this report.

Detailed reserve base data are included in appendix C, tables C-1, C-2, and C-3. Data presentation is by State, county, coalbed, and coalbed thickness, with tonnages prorated by sulfur content. The sulfur analyses assigned to the reserve base are on a dry basis.

Analytical data are presented in appendix D by State, county, and coalbed for moisture, ash, sulfur, and Btu content. Moisture, ash, and sulfur are expressed in weight-percent. The analyses are on as-received, dry, and moisture-and-ash-free bases, where appropriate. The analyses in appendix D cover all those States west of the Mississippi River for which analytical work has been performed.

Appendix E is a listing of code numbers used to identify the various coalbeds. These code numbers and corresponding coalbed names may be used to identify beds in appendixes C and D. Because of the sheer number of coalbeds listed in MERITS, there are two separate numbering systems in the United States; one system covers the eastern and midwestern coalbeds, and the other system covers the western coalbeds and Alaska. Therefore, similarity of code numbers in Arkansas, Iowa, Kansas, Missouri, and Oklahoma with those States farther west does not infer coalbed correlations. Some bed correlation does exist, however, within coal regions common to two or more States.

## APPENDIX A.--GLOSSARY OF COAL RESOURCE TERMS

This method of classification conforms with the provisions of the Joint Bureau of Mines-Geological Survey Resource Classification Agreement of November 21, 1973, covering all mineral resources, and will be used in future resource/reserve studies on coal conducted by agencies of the U.S. Department of the Interior.

Within this classification system, the term "coal resource" designates the estimated quantity of coal in the ground in such form that economic extraction is currently or potentially feasible. The "coal reserve" is the relatively small part of the resource for which both quality and quantity have been reasonably determined and which is deemed to be minable at a profit under existing market conditions.

This system employs a concept by which coalbeds are classified in terms of their degree of geologic identification and economic or technologic feasibility of recovery.

Resource.--A concentration of coal in or on the earth's crust in such form that economic extration is currently or potentially feasible.

Identified resources.--Specific bodies of coal whose location, quality and quantity are known from geologic evidence supported by engineering measurements with respect to the demonstrated category.

Undiscovered resources.--Unspecified bodies of coal surmised to exist on the basis of broad geologic knowledge and theory.

Reserve.--That portion of the identified coal resource that can be economically and legally mined at the time of determination--also referred to as "recoverable reserve."

Reserve base.--The component of the identified coal resource from which the reserve is derived by recoverability calculations.

The following definitions for measured, indicated, and inferred are applicable to both the Reserve and Identified-Subeconomic resource components.

Measured.--Coal for which estimates of the quality and quantity have been computed, within a margin of error of less than 20 percent; from sample analyses and measurements from closely spaced and geologically well-known sample sites.

Indicated.--Coal for which estimates of the quality and quantity have been computed partly from sample analyses and measurements and partly from reasonable geologic projections.

Inferred.--Coal in unexplored extensions of "demonstrated" resources for which estimates of the quality and size are based on geologic evidence and projection.

Identified-subeconomic resources.--Coalbeds that are not "reserves," but may become so as a result of changes in economic and legal conditions.

Paramarginal.--The portion of "subeconomic resources" that (1) borders on being economically producible, or (2) is not commercially available solely because of legal or political circumstances.

Submarginal.--The portion of "subeconomic resources" that would require a substantially higher price (more than 1.5 times the price at the time of determination) or a major cost reducing advance in technology.

Hypothetical resources.--Undiscovered coal that may reasonably be expected to exist in a known mining district under known geologic conditions. Exploration that confirms their existence and reveals quantity and quality will permit their reclassification as a "reserve" or "identified-subeconomic resource."

Speculative resources.--Undiscovered coal that may occur either in known types of deposits in a favorable geologic setting where no discoveries have been made, or in as yet unknown types of deposits that remain to be recognized. Exploration that confirms their existence and reveals quantity and quality will permit their reclassification as "reserves" or "identified-subeconomic resources."

## APPENDIX B.--DEFINITIONS

1. Depletion.--The tonnage of coal mined plus the coal lost as a result of mining operations.
2. Anthracite.--A hard, black, lustrous coal having 92 percent or more, but less than 98 percent, fixed carbon, and 8 percent or less, but more than 2 percent, volatile matter, on a dry, mineral-matter-free basis.
3. Semianthracite.--A coal intermediate between anthracite and bituminous coal. It is nonagglomerating and contains 86 percent or more, but less than 92 percent, fixed carbon, and 14 percent or less, but more than 8 percent, volatile matter, on a dry, mineral-matter-free basis.
4. Bituminous coal.--A solid, brittle coal relatively high in gaseous constituents and having 69 percent or more, but less than 86 percent, fixed carbon, and 31 percent or less, but more than 14 percent, volatile matter, on a dry, mineral-matter-free basis. The calorific value ranges from 10,500 to over 14,000 Btu per pound on a moist,<sup>1</sup> mineral-matter-free basis.
5. Subbituminous coal.--Coal of a rank greater than lignite but less than bituminous coal and distinguished from lignite by its black color and its lack of distinctly woody structure and texture, and from bituminous coal by its loss of moisture and slacking when exposed to weathering. Fixed carbon is less than 69 percent and volatile matter is more than 31 percent on a dry, mineral-matter-free basis.
6. As received.--Analytical results of tests on the analyzed sample calculated to the "as-received in the laboratory" or "as-sampled" basis.
7. Dry basis.--Analytical results of tests on the analyzed sample calculated to a "moisture-free" basis.
8. Mineral-matter-free basis.--Coal minus the inorganic material. The mineral matter in coal cannot be analytically determined. This condition must be calculated according to the Parr formula (34).
9. Rank.--Rank is the classification of coals in a sequence ranging from lignite through anthracite, and depends on chemical and physical properties.

---

<sup>1</sup>Moist refers to coal containing its natural inherent moisture but not including visible water on the surface of the coal.

## APPENDIX C.--UNDERGROUND COAL-RESERVE BASE

050 ARKANSAS

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 033 CRAWFORD

| THICK-<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |         | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|----------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|---------------|------------|
|                |     | < .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 | UNKNOWN |       |               |            |
| 28-42          | 563 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 7.90    | 7.90  |               |            |
| > 42           |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 11.20   | 11.20 |               |            |
| TOTAL          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 19.10   | 19.10 |               |            |

COUNTY: TOTAL

|       |  |     |     |     |     |     |     |     |     |     |     |       |       |  |  |
|-------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|--|--|
| 28-42 |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 7.90  | 7.90  |  |  |
| > 42  |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 11.20 | 11.20 |  |  |
| TOTAL |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 19.10 | 19.10 |  |  |

COUNTY: 047 FRANKLIN

|       |     |     |     |     |     |      |      |      |     |     |     |     |      |    |     |
|-------|-----|-----|-----|-----|-----|------|------|------|-----|-----|-----|-----|------|----|-----|
| 28-42 | 563 | .00 | .12 | .20 | .31 | 1.06 | 1.59 | 1.50 | .89 | .40 | .00 | .00 | 6.10 | 28 | 1.7 |
| > 42  |     | .00 | .00 | .00 | .00 | .00  | .00  | .00  | .00 | .00 | .00 | .00 | .00  |    |     |
| TOTAL |     | .00 | .12 | .20 | .31 | 1.06 | 1.59 | 1.50 | .89 | .40 | .00 | .00 | 6.10 |    |     |

COUNTY: TOTAL

|       |  |     |     |     |     |      |      |      |     |     |     |     |      |    |  |
|-------|--|-----|-----|-----|-----|------|------|------|-----|-----|-----|-----|------|----|--|
| 28-42 |  | .00 | .12 | .20 | .31 | 1.06 | 1.59 | 1.50 | .89 | .40 | .00 | .00 | 6.10 | 28 |  |
| > 42  |  | .00 | .00 | .00 | .00 | .00  | .00  | .00  | .00 | .00 | .00 | .00 | .00  |    |  |
| TOTAL |  | .00 | .12 | .20 | .31 | 1.06 | 1.59 | 1.50 | .89 | .40 | .00 | .00 | 6.10 |    |  |

COUNTY: 127 SCOTT

|       |     |     |     |     |      |      |      |     |     |     |     |     |       |    |     |
|-------|-----|-----|-----|-----|------|------|------|-----|-----|-----|-----|-----|-------|----|-----|
| 28-42 | 563 | .00 | .11 | .23 | .42  | 1.28 | .86  | .17 | .00 | .00 | .00 | .00 | 3.10  | 17 | 1.2 |
| > 42  |     | .00 | .35 | .71 | 1.27 | 3.91 | 2.62 | .52 | .00 | .00 | .00 | .00 | 9.40  |    |     |
| TOTAL |     | .00 | .46 | .94 | 1.69 | 5.19 | 3.48 | .69 | .00 | .00 | .00 | .00 | 12.50 |    |     |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

050 ARKANSAS

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
 MILLION SHORT TONS

COUNTY: 127 SCOTT

| THICK-<br>NESS | BED   | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       | TOTAL   | NO. OF<br>ANAL | AVG<br>S % |
|----------------|-------|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|----------------|------------|
|                |       | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 | UNKNOWN |                |            |
| COUNTY:        | TOTAL |                                   |       |       |        |         |         |         |         |         |       |         |                |            |
| 28-42          |       | .00                               | .11   | .23   | .42    | 1.28    | .86     | .17     | .00     | .00     | .00   | .00     | 3.10           | 17         |
| > 42           |       | .00                               | .35   | .71   | 1.27   | 3.91    | 2.62    | .52     | .00     | .00     | .00   | .00     | 9.40           |            |
| TOTAL          |       | .00                               | .46   | .94   | 1.69   | 5.19    | 3.48    | .69     | .00     | .00     | .00   | .00     | 12.50          |            |

COUNTY: 131 SEBASTIAN

|       |     |     |     |       |       |       |       |       |       |       |       |     |        |     |     |
|-------|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-----|--------|-----|-----|
| 28-42 | 563 | .00 | .00 | 6.78  | 9.08  | 24.95 | 30.23 | 26.98 | 18.17 | 10.03 | 9.08  | .00 | 135.60 | 116 | 1.4 |
| > 42  |     | .00 | .00 | 6.63  | 8.89  | 24.41 | 29.59 | 26.40 | 17.78 | 9.81  | 8.89  | .00 | 132.70 |     |     |
| TOTAL |     | .00 | .00 | 13.41 | 17.97 | 49.36 | 59.82 | 53.38 | 35.95 | 19.84 | 17.97 | .00 | 268.30 |     |     |

COUNTY: TOTAL

|       |  |     |     |       |       |       |       |       |       |       |       |     |        |     |  |
|-------|--|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-----|--------|-----|--|
| 28-42 |  | .00 | .00 | 6.78  | 9.08  | 24.95 | 30.23 | 26.98 | 18.17 | 10.03 | 9.08  | .00 | 135.60 | 116 |  |
| > 42  |  | .00 | .00 | 6.63  | 8.89  | 24.41 | 29.59 | 26.40 | 17.78 | 9.81  | 8.89  | .00 | 132.70 |     |  |
| TOTAL |  | .00 | .00 | 13.41 | 17.97 | 49.36 | 59.82 | 53.38 | 35.95 | 19.84 | 17.97 | .00 | 268.30 |     |  |

STATE TOTAL

|       |  |     |     |       |       |       |       |       |       |       |       |       |        |     |  |
|-------|--|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-----|--|
| 28-42 |  | .00 | .23 | 7.21  | 9.51  | 27.24 | 32.63 | 28.55 | 19.06 | 10.43 | 9.08  | 7.90  | 152.70 | 161 |  |
| > 42  |  | .00 | .35 | 7.34  | 10.16 | 25.32 | 32.21 | 26.92 | 17.78 | 9.81  | 8.89  | 11.20 | 153.30 |     |  |
| TOTAL |  | .00 | .58 | 14.55 | 19.67 | 52.56 | 64.84 | 55.47 | 36.84 | 20.24 | 17.97 | 19.10 | 306.00 |     |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
 MILLION SHORT TONS

COUNTY: 007 ARCHULETA

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |         | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|---------------|------------|
|               |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 | UNKNOWN |       |               |            |
| 28-42         | 799 | 1.90                              | 5.20  | 6.45  | 3.15   | .91     | .00     | .00     | .00     | .00     | .00   | .00     | 17.63 | 20            | .7         |
| > 42          |     | 8.04                              | 21.96 | 27.25 | 13.33  | 3.87    | .00     | .00     | .00     | .00     | .00   | .00     | 74.47 |               |            |
| TOTAL         |     | 9.94                              | 27.16 | 33.70 | 16.48  | 4.78    | .00     | .00     | .00     | .00     | .00   | .00     | 92.10 |               |            |

COUNTY: TOTAL

|       |      |       |       |       |      |     |     |     |     |     |     |     |       |    |  |
|-------|------|-------|-------|-------|------|-----|-----|-----|-----|-----|-----|-----|-------|----|--|
| 28-42 | 1.90 | 5.20  | 6.45  | 3.15  | .91  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 17.63 | 20 |  |
| > 42  | 8.04 | 21.96 | 27.25 | 13.33 | 3.87 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 74.47 |    |  |
| TOTAL | 9.94 | 27.16 | 33.70 | 16.48 | 4.78 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 92.10 |    |  |

COUNTY: 029 DELTA

|       |     |       |       |     |     |     |     |     |     |     |     |      |       |    |    |
|-------|-----|-------|-------|-----|-----|-----|-----|-----|-----|-----|-----|------|-------|----|----|
| 28-42 | 704 | .00   | .00   | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00  | .00   |    |    |
| > 42  |     | .00   | .00   | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 6.88 | 6.88  |    |    |
| TOTAL |     | .00   | .00   | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 6.88 | 6.88  |    |    |
| 28-42 | 753 | 2.40  | .00   | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00  | 2.40  | 1  | .4 |
| > 42  |     | 44.16 | .00   | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00  | 44.16 |    |    |
| TOTAL |     | 46.56 | .00   | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00  | 46.56 |    |    |
| 28-42 | 754 | .00   | .00   | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00  | .00   | 19 | .6 |
| > 42  |     | .00   | 12.36 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00  | 12.36 |    |    |
| TOTAL |     | .00   | 12.36 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00  | 12.36 |    |    |

COUNTY: TOTAL

|       |       |       |     |     |     |     |     |     |     |     |     |      |       |    |  |
|-------|-------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-------|----|--|
| 28-42 | 2.40  | .00   | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00  | 2.40  | 20 |  |
| > 42  | 44.16 | 12.36 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 6.88 | 63.40 |    |  |
| TOTAL | 46.56 | 12.36 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 6.88 | 65.80 |    |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 043 FREMONT

| THICK<br>NESS | RED | ≤ .4  | .5-.6 | .7-.8 | RESERVES BY SULFUR RANGE, PERCENT |         |         |         |         |         |       | UNKNOWN | TOTAL  | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|-------|-------|-------|-----------------------------------|---------|---------|---------|---------|---------|-------|---------|--------|---------------|------------|
|               |     |       |       |       | .9-1.0                            | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |        |               |            |
| 28-42         | 189 | .00   | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    |               |            |
| > 42          |     | .00   | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | 22.60   | 22.60  |               |            |
| TOTAL         |     | .00   | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | 22.60   | 22.60  |               |            |
| 28-42         | 712 | .00   | 1.24  | 2.72  | 1.45                              | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 5.43   | 19            | .7         |
| > 42          |     | .00   | 2.24  | 4.90  | 2.61                              | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 9.77   |               |            |
| TOTAL         |     | .00   | 3.48  | 7.62  | 4.06                              | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 15.20  |               |            |
| 28-42         | 732 | .00   | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    | 26            | .9         |
| > 42          |     | .45   | .85   | 1.28  | 1.41                              | 1.76    | .48     | .00     | .00     | .00     | .00   | .00     | 6.27   |               |            |
| TOTAL         |     | .45   | .85   | 1.28  | 1.41                              | 1.76    | .48     | .00     | .00     | .00     | .00   | .00     | 6.27   |               |            |
| 28-42         | 744 | .00   | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    | 23            | .8         |
| > 42          |     | .00   | 6.51  | 10.96 | 11.92                             | 12.23   | 2.33    | .00     | .00     | .00     | .00   | .00     | 44.02  |               |            |
| TOTAL         |     | .00   | 6.51  | 10.96 | 11.92                             | 12.23   | 2.33    | .00     | .00     | .00     | .00   | .00     | 44.02  |               |            |
| 28-42         | 749 | .00   | 22.89 | 10.67 | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 33.57  | 4             | .6         |
| > 42          |     | .00   | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    |               |            |
| TOTAL         |     | .00   | 22.89 | 10.67 | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 33.57  |               |            |
| 28-42         | 758 | 9.19  | 9.56  | 2.03  | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 20.80  | 445           | .5         |
| > 42          |     | 7.81  | 8.12  | 1.73  | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 17.67  |               |            |
| TOTAL         |     | 17.00 | 17.68 | 3.76  | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 38.47  |               |            |
| 28-42         | 767 | .00   | .00   | .00   | .00                               | 7.65    | 12.53   | .00     | .00     | .00     | .00   | .00     | 20.19  | 9             | 1.5        |
| > 42          |     | .00   | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    |               |            |
| TOTAL         |     | .00   | .00   | .00   | .00                               | 7.65    | 12.53   | .00     | .00     | .00     | .00   | .00     | 20.19  |               |            |
| COUNTY: TOTAL |     |       |       |       |                                   |         |         |         |         |         |       |         |        |               |            |
| 28-42         |     | 9.19  | 33.69 | 15.42 | 1.45                              | 7.65    | 12.53   | .00     | .00     | .00     | .00   | .00     | 79.99  | 526           |            |
| > 42          |     | 8.26  | 17.72 | 18.87 | 15.94                             | 13.99   | 2.81    | .00     | .00     | .00     | .00   | 22.60   | 100.33 |               |            |
| TOTAL         |     | 17.45 | 51.41 | 34.29 | 17.39                             | 21.64   | 15.34   | .00     | .00     | .00     | .00   | 22.60   | 180.32 |               |            |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
 THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
 MILLION SHORT TONS

COUNTY: 045 GARFIELD

| THICK<br>NESS | RFD | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |     | UNKNOWN | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|-----|---------|-------|---------------|------------|
|               |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |     |         |       |               |            |
| 28-42         | 001 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .00     | .00   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | 5.09    | 5.09  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | 5.09    | 5.09  |               |            |
| 28-42         | 063 | 9.94                              | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .00     | 9.98  | 4             | .4         |
| > 42          |     | 13.11                             | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .00     | 13.11 |               |            |
| TOTAL         |     | 23.09                             | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .00     | 23.09 |               |            |
| 28-42         | 066 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .00     | .00   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | 7.47    | 7.47  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | 7.47    | 7.47  |               |            |
| 28-42         | 067 | .00                               | .63   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .00     | .63   | 1             | .6         |
| > 42          |     | .00                               | 34.04 | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .00     | 38.04 |               |            |
| TOTAL         |     | .00                               | 34.67 | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .00     | 38.67 |               |            |
| 28-42         | 068 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | 33.59   | 33.59 |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | 12.27   | 12.27 |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | 45.86   | 45.86 |               |            |
| 28-42         | 069 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | 11.91   | 11.91 |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | 30.40   | 30.40 |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | 42.31   | 42.31 |               |            |
| 28-42         | 070 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | 7.15    | 7.15  |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | 9.28    | 9.28  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | 16.43   | 16.43 |               |            |
| 28-42         | 704 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .00     | .00   | 6             | 1.0        |
| > 42          |     | .00                               | .00   | 1.42  | 1.88   | 4.00    | 2.45    | .94     | .19     | .00     | .00   | .00 | .00     | 10.90 |               |            |
| TOTAL         |     | .00                               | .00   | 1.42  | 1.88   | 4.00    | 2.45    | .94     | .19     | .00     | .00   | .00 | .00     | 10.90 |               |            |
| 28-42         | 715 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .00     | .00   | 17            | .6         |
| > 42          |     | 10.38                             | 33.73 | 8.34  | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .00     | 52.47 |               |            |
| TOTAL         |     | 10.38                             | 33.73 | 8.34  | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .00     | 52.47 |               |            |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 045 GARFIELD

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       | UNKNOWN | TOTAL  | NO. OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|--------|----------------|------------|
|               |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |        |                |            |
| 28-42         | 718 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    | 5              | .5         |
| > 42          |     | .00                               | 10.52 | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 10.52  |                |            |
| TOTAL         |     | .00                               | 10.52 | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 10.52  |                |            |
| 28-42         | 727 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 26.29   | 26.29  |                |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 8.71    | 8.71   |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 35.00   | 35.00  |                |            |
| 28-42         | 753 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    | 1              | .9         |
| > 42          |     | .00                               | .00   | .00   | 11.63  | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 11.63  |                |            |
| TOTAL         |     | .00                               | .00   | .00   | 11.63  | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 11.63  |                |            |
| 28-42         | 754 | .00                               | .00   | 1.02  | 1.84   | 1.02    | .00     | .00     | .00     | .00     | .00   | .00     | 3.90   | 3              | 1.0        |
| > 42          |     | .00                               | .00   | 3.59  | 6.48   | 3.59    | .00     | .00     | .00     | .00     | .00   | .00     | 13.68  |                |            |
| TOTAL         |     | .00                               | .00   | 4.61  | 8.32   | 4.61    | .00     | .00     | .00     | .00     | .00   | .00     | 17.58  |                |            |
| 28-42         | 755 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    | 7              | .7         |
| > 42          |     | .00                               | 5.21  | 7.52  | 3.67   | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 16.40  |                |            |
| TOTAL         |     | .00                               | 5.21  | 7.52  | 3.67   | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 16.40  |                |            |
| 28-42         | 756 | .00                               | 1.18  | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 1.18   | 1              | .5         |
| > 42          |     | .00                               | 15.37 | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 15.37  |                |            |
| TOTAL         |     | .00                               | 16.55 | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 16.55  |                |            |
| 28-42         | 757 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 4.28    | 4.28   |                |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 11.30   | 11.30  |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 15.58   | 15.58  |                |            |
| 28-42         | 759 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    | 25             | .6         |
| > 42          |     | 4.49                              | 15.94 | 8.76  | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 29.20  |                |            |
| TOTAL         |     | 4.49                              | 15.94 | 8.76  | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 29.20  |                |            |
| 28-42         | 770 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 32.18   | 32.18  |                |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 124.51  | 124.51 |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 156.69  | 156.69 |                |            |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

## COUNTY: 045 GARFIELD

| THICK<br>NESS | BED | ≤ .4 | .5-.6 | .7-.8 | RESERVES BY SULFUR RANGE, PERCENT |         |         |         |         |         |       | UNKNOWN | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|------|-------|-------|-----------------------------------|---------|---------|---------|---------|---------|-------|---------|-------|---------------|------------|
|               |     |      |       |       | .9-1.0                            | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |       |               |            |
| 28-42         | 799 | .08  | .12   | .16   | .20                               | .42     | .30     | .15     | .06     | .01     | .00   | .00     | 1.55  | 188           | 1.1        |
| > 42          |     | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| TOTAL         |     | .08  | .12   | .16   | .20                               | .42     | .30     | .15     | .06     | .01     | .00   | .00     | 1.55  |               |            |

## COUNTY: TOTAL

|       |       |        |       |       |      |      |      |     |     |     |     |        |        |     |  |
|-------|-------|--------|-------|-------|------|------|------|-----|-----|-----|-----|--------|--------|-----|--|
| 28-42 | 10.06 | 1.93   | 1.18  | 2.04  | 1.44 | .30  | .15  | .06 | .01 | .00 | .00 | 115.40 | 132.64 | 258 |  |
| > 42  | 27.98 | 118.81 | 29.63 | 23.66 | 7.59 | 2.45 | .94  | .19 | .00 | .00 | .00 | 209.03 | 420.35 |     |  |
| TOTAL | 38.04 | 120.74 | 30.81 | 25.70 | 9.03 | 2.75 | 1.09 | .25 | .01 | .00 | .00 | 324.43 | 552.99 |     |  |

## COUNTY: 051 GUNNISON

|       |     |      |      |      |      |       |      |      |     |     |     |     |       |   |     |
|-------|-----|------|------|------|------|-------|------|------|-----|-----|-----|-----|-------|---|-----|
| 28-42 | 051 | .95  | 1.97 | 1.97 | .95  | .00   | .00  | .00  | .00 | .00 | .00 | .00 | 5.85  | 2 | .7  |
| > 42  |     | 2.95 | 6.10 | 6.10 | 2.95 | .00   | .00  | .00  | .00 | .00 | .00 | .00 | 18.12 |   |     |
| TOTAL |     | 3.90 | 8.07 | 8.07 | 3.90 | .00   | .00  | .00  | .00 | .00 | .00 | .00 | 23.97 |   |     |
| 28-42 | 052 | .21  | .33  | .45  | .53  | .90   | .42  | .14  | .00 | .00 | .00 | .00 | 3.00  | 7 | .9  |
| > 42  |     | 3.04 | 4.78 | 6.61 | 7.69 | 13.09 | 6.21 | 2.08 | .00 | .00 | .00 | .00 | 43.49 |   |     |
| TOTAL |     | 3.25 | 5.11 | 7.06 | 8.22 | 13.99 | 6.63 | 2.22 | .00 | .00 | .00 | .00 | 46.49 |   |     |
| 28-42 | 053 | 2.20 | .00  | .00  | .00  | .00   | .00  | .00  | .00 | .00 | .00 | .00 | 2.20  | 2 | .4  |
| > 42  |     | 5.48 | .00  | .00  | .00  | .00   | .00  | .00  | .00 | .00 | .00 | .00 | 5.48  |   |     |
| TOTAL |     | 7.68 | .00  | .00  | .00  | .00   | .00  | .00  | .00 | .00 | .00 | .00 | 7.68  |   |     |
| 28-42 | 054 | 2.58 | .00  | .00  | .00  | .00   | .00  | .00  | .00 | .00 | .00 | .00 | 2.58  | 1 | .4  |
| > 42  |     | .00  | .00  | .00  | .00  | .00   | .00  | .00  | .00 | .00 | .00 | .00 | .00   |   |     |
| TOTAL |     | 2.58 | .00  | .00  | .00  | .00   | .00  | .00  | .00 | .00 | .00 | .00 | 2.58  |   |     |
| 28-42 | 055 | .00  | .00  | .00  | .00  | .00   | .00  | .00  | .00 | .00 | .00 | .00 | .00   | 1 | 1.1 |
| > 42  |     | .00  | .00  | .00  | .00  | 6.48  | .00  | .00  | .00 | .00 | .00 | .00 | 6.48  |   |     |
| TOTAL |     | .00  | .00  | .00  | .00  | 6.48  | .00  | .00  | .00 | .00 | .00 | .00 | 6.48  |   |     |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
3FD, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 051 GUNNISON

| THICK<br>NESS | RED | ≤ .4  | .5-.6  | .7-.8 | RESERVES BY SULFUR RANGE, PERCENT |         |         |         |         |         |       | UNKNOWN | TOTAL  | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|-------|--------|-------|-----------------------------------|---------|---------|---------|---------|---------|-------|---------|--------|---------------|------------|
|               |     |       |        |       | .9-1.0                            | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |        |               |            |
| 28-42         | 056 | .00   | .00    | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    | 1             | .7         |
| > 42          |     | .00   | .00    | 18.13 | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 18.13  |               |            |
| TOTAL         |     | .00   | .00    | 18.13 | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 18.13  |               |            |
| 28-42         | 058 | .00   | .00    | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    |               |            |
| > 42          |     | .00   | .00    | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | 14.60   | 14.60  |               |            |
| TOTAL         |     | .00   | .00    | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | 14.60   | 14.60  |               |            |
| 28-42         | 060 | .00   | .00    | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .02     | .02    |               |            |
| > 42          |     | .00   | .00    | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    |               |            |
| TOTAL         |     | .00   | .00    | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .02     | .02    |               |            |
| 28-42         | 065 | .00   | .00    | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .02     | .02    |               |            |
| > 42          |     | .00   | .00    | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    |               |            |
| TOTAL         |     | .00   | .00    | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .02     | .02    |               |            |
| 28-42         | 704 | .00   | .00    | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | 27.34   | 27.34  |               |            |
| > 42          |     | .00   | .00    | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | 2.79    | 2.79   |               |            |
| TOTAL         |     | .00   | .00    | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | 30.13   | 30.13  |               |            |
| 28-42         | 753 | .00   | .00    | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    | 33            | .5         |
| > 42          |     | 97.56 | 110.01 | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 207.58 |               |            |
| TOTAL         |     | 97.56 | 110.01 | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 207.58 |               |            |
| 28-42         | 754 | 1.07  | 3.10   | .64   | .05                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 4.88   | 127           | .5         |
| > 42          |     | 21.64 | 62.42  | 12.95 | 1.07                              | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 98.16  |               |            |
| TOTAL         |     | 22.76 | 65.52  | 13.59 | 1.12                              | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 103.04 |               |            |
| 28-42         | 755 | .11   | .82    | .09   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 1.03   | 40            | .5         |
| > 42          |     | 3.38  | 25.44  | 2.78  | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 31.61  |               |            |
| TOTAL         |     | 3.49  | 26.26  | 2.87  | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 32.64  |               |            |
| 28-42         | 756 | .00   | .00    | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    | 87            | .5         |
| > 42          |     | 12.22 | 27.51  | 8.06  | 1.02                              | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 48.88  |               |            |
| TOTAL         |     | 12.22 | 27.51  | 8.06  | 1.02                              | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 48.88  |               |            |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 051 GUNNISON

| THICK<br>NESS | RED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       | UNKNOWN | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|---------------|------------|
|               |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |       |               |            |
| 28-42         | 757 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 49.90   | 49.90 |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 49.90   | 49.90 |               |            |
| 28-42         | 799 | 1.12                              | 2.78  | 1.80  | .44    | .09     | .00     | .00     | .00     | .00     | .00   | .00     | 6.26  | 86            | .6         |
| > 42          |     | 4.84                              | 11.97 | 7.75  | 1.91   | .40     | .00     | .00     | .00     | .00     | .00   | .00     | 26.91 |               |            |
| TOTAL         |     | 5.96                              | 14.75 | 9.55  | 2.35   | .49     | .00     | .00     | .00     | .00     | .00   | .00     | 33.17 |               |            |
| 28-42         | 972 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 54.47   | 54.47 |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 54.47   | 54.47 |               |            |
| 28-42         | 975 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .11     | .11   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 16.68   | 16.68 |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 16.79   | 16.79 |               |            |

COUNTY: TOTAL

|       |        |        |       |       |       |      |      |     |     |     |     |        |        |     |  |
|-------|--------|--------|-------|-------|-------|------|------|-----|-----|-----|-----|--------|--------|-----|--|
| 28-42 | 8.24   | 9.00   | 4.95  | 1.97  | .99   | .42  | .14  | .00 | .00 | .00 | .00 | 27.49  | 53.29  | 387 |  |
| > 42  | 151.16 | 248.23 | 62.38 | 14.64 | 19.97 | 6.21 | 2.08 | .00 | .00 | .00 | .00 | 138.44 | 643.28 |     |  |
| TOTAL | 159.40 | 257.23 | 67.33 | 16.61 | 20.96 | 6.63 | 2.22 | .00 | .00 | .00 | .00 | 165.93 | 696.57 |     |  |

COUNTY: 055 HUERFANO

|       |     |     |     |     |     |     |     |     |     |     |     |      |      |  |  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|--|--|
| 28-42 | 203 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00  | .00  |  |  |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 1.07 | 1.07 |  |  |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 1.07 | 1.07 |  |  |
| 28-42 | 204 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 1.16 | 1.16 |  |  |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 1.10 | 1.10 |  |  |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 2.26 | 2.26 |  |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 055 HUERFANO

| THICK<br>NESS | BED | ≤ .4 | .5-.6 | .7-.8 | RESERVES BY SULFUR RANGE, PERCENT |         |         |         |         |         |       | UNKNOWN | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|------|-------|-------|-----------------------------------|---------|---------|---------|---------|---------|-------|---------|-------|---------------|------------|
|               |     |      |       |       | .9-1.0                            | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |       |               |            |
| 28-42         | 206 | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | 1.29    | 1.29  |               |            |
| > 42          |     | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| TOTAL         |     | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | 1.29    | 1.29  |               |            |
| 28-42         | 207 | .00  | .82   | .82   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 1.64  | 4             | .7         |
| > 42          |     | .00  | 3.55  | 3.55  | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 7.10  |               |            |
| TOTAL         |     | .00  | 4.37  | 4.37  | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 8.74  |               |            |
| 28-42         | 208 | .00  | 11.93 | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 11.93 | 1             | .6         |
| > 42          |     | .00  | 14.26 | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 14.26 |               |            |
| TOTAL         |     | .00  | 26.19 | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 26.19 |               |            |
| 28-42         | 210 | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .51     | .51   |               |            |
| > 42          |     | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| TOTAL         |     | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .51     | .51   |               |            |
| 28-42         | 213 | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .66     | .66   |               |            |
| > 42          |     | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .82     | .82   |               |            |
| TOTAL         |     | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | 1.48    | 1.48  |               |            |
| 28-42         | 214 | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .83     | .83   |               |            |
| > 42          |     | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | 1.24    | 1.24  |               |            |
| TOTAL         |     | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | 2.07    | 2.07  |               |            |
| 28-42         | 215 | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .60     | .60   |               |            |
| > 42          |     | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | 2.20    | 2.20  |               |            |
| TOTAL         |     | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | 2.80    | 2.80  |               |            |
| 28-42         | 216 | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .50     | .50   |               |            |
| > 42          |     | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | 5.40    | 5.40  |               |            |
| TOTAL         |     | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | 5.90    | 5.90  |               |            |
| 28-42         | 217 | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   | 7             | .5         |
| > 42          |     | .00  | 2.67  | .72   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 3.40  |               |            |
| TOTAL         |     | .00  | 2.67  | .72   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 3.40  |               |            |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
 SED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
 MILLION SHORT TONS

COUNTY: 055 HUERFANO

| THICK-<br>NESS | SED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       | UNKNOWN | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|----------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|---------------|------------|
|                |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |       |               |            |
| 28-42          | 218 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   | 9             | .6         |
| > 42           |     | .00                               | 9.02  | 7.72  | 1.55   | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 18.30 |               |            |
| TOTAL          |     | .00                               | 9.02  | 7.72  | 1.55   | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 18.30 |               |            |
| 28-42          | 219 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| > 42           |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.60    | 1.60  |               |            |
| TOTAL          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.60    | 1.60  |               |            |
| 28-42          | 220 | .00                               | 9.75  | 7.44  | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 17.20 | 5             | .7         |
| > 42           |     | .00                               | 3.61  | 6.58  | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 15.20 |               |            |
| TOTAL          |     | .00                               | 13.36 | 14.02 | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 32.40 |               |            |
| 28-42          | 221 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 9.20    | 9.20  |               |            |
| > 42           |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| TOTAL          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 9.20    | 9.20  |               |            |
| 28-42          | 229 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 9.00    | 9.00  |               |            |
| > 42           |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 12.20   | 12.20 |               |            |
| TOTAL          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 21.20   | 21.20 |               |            |
| 28-42          | 230 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 17.30   | 17.30 |               |            |
| > 42           |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| TOTAL          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 17.30   | 17.30 |               |            |
| 28-42          | 521 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.47    | 1.47  |               |            |
| > 42           |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .54     | .54   |               |            |
| TOTAL          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.01    | 2.01  |               |            |
| 28-42          | 721 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 3.11    | 3.11  |               |            |
| > 42           |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.84    | 1.84  |               |            |
| TOTAL          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 4.95    | 4.95  |               |            |
| 28-42          | 722 | .00                               | .25   | .21   | .37    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 1.56  | 21            | .8         |
| > 42           |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| TOTAL          |     | .00                               | .25   | .21   | .37    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 1.56  |               |            |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 055 HUERFANO

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |        |       |        |         |         |         |         |         |       |         | TOTAL  | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|--------|-------|--------|---------|---------|---------|---------|---------|-------|---------|--------|---------------|------------|
|               |     | < .4                              | .5-.6  | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 | UNKNOWN |        |               |            |
| 28-42         | 724 | .00                               | .00    | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 3.17    | 3.17   |               |            |
| > 42          |     | .00                               | .00    | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.38    | 2.38   |               |            |
| TOTAL         |     | .00                               | .00    | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 5.55    | 5.55   |               |            |
| 28-42         | 725 | .00                               | 6.35   | .54   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 6.90   | 23            | .6         |
| > 42          |     | .00                               | 0.94   | .45   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 10.80  |               |            |
| TOTAL         |     | .00                               | 16.29  | 1.39  | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 17.70  |               |            |
| 28-42         | 730 | .00                               | 4.88   | 4.31  | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 11.20  | 9             | .6         |
| > 42          |     | .00                               | 5.22   | 3.27  | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 8.50   |               |            |
| TOTAL         |     | .00                               | 10.10  | 7.58  | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 19.70  |               |            |
| 28-42         | 739 | .00                               | .00    | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .99     | .99    |               |            |
| > 42          |     | .00                               | .00    | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    |               |            |
| TOTAL         |     | .00                               | .00    | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .99     | .99    |               |            |
| 28-42         | 745 | .00                               | 5.97   | 1.72  | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 7.70   | 92            | .6         |
| > 42          |     | .00                               | 7.06   | 2.03  | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 9.10   |               |            |
| TOTAL         |     | .00                               | 13.03  | 3.75  | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 16.80  |               |            |
| 28-42         | 747 | .00                               | .00    | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.05    | 1.05   |               |            |
| > 42          |     | .00                               | .00    | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.52    | 1.52   |               |            |
| TOTAL         |     | .00                               | .00    | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.57    | 2.57   |               |            |
| 28-42         | 763 | .00                               | 2.44   | 6.58  | 7.38   | 4.03    | .24     | .00     | .00     | .00     | .00   | .00     | 20.70  | 115           | .8         |
| > 42          |     | .00                               | 3.07   | 8.29  | 4.31   | 5.08    | .31     | .00     | .00     | .00     | .00   | .00     | 26.10  |               |            |
| TOTAL         |     | .00                               | 5.51   | 14.87 | 11.69  | 9.11    | .55     | .00     | .00     | .00     | .00   | .00     | 46.80  |               |            |
| 28-42         | 799 | .22                               | .57    | .91   | .70    | .40     | .00     | .00     | .00     | .00     | .00   | .00     | 2.82   | 70            | .8         |
| > 42          |     | .00                               | .23    | .36   | .22    | .16     | .00     | .00     | .00     | .00     | .00   | .00     | 1.13   |               |            |
| TOTAL         |     | .30                               | .80    | 1.27  | .92    | .56     | .00     | .00     | .00     | .00     | .00   | .00     | 3.95   |               |            |
| COUNTY: TOTAL |     |                                   |        |       |        |         |         |         |         |         |       |         |        |               |            |
| 28-42         |     | .22                               | 41.47  | 23.23 | 4.45   | 4.43    | .24     | .00     | .00     | .00     | .00   | 50.84   | 132.49 | 356           |            |
| > 42          |     | .00                               | 53.53  | 33.37 | 11.14  | 5.24    | .31     | .00     | .00     | .00     | .00   | 31.91   | 145.80 |               |            |
| TOTAL         |     | .30                               | 105.00 | 56.60 | 15.59  | 9.67    | .55     | .00     | .00     | .00     | .00   | 82.75   | 278.29 |               |            |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
 MILLION SHORT TONS

COUNTY: 067 LA PLATA

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |         | TOTAL  | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|--------|---------------|------------|
|               |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 | UNKNOWN |        |               |            |
| 28-42         | 232 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    | 1             | .6         |
| > 42          |     | .00                               | 22.54 | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 22.54  |               |            |
| TOTAL         |     | .00                               | 22.54 | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 22.54  |               |            |
| 28-42         | 799 | .38                               | .43   | .48   | .52    | 1.14    | 1.16    | 1.06    | .86     | .66     | 1.25  | .00     | 7.97   | 270           | 1.6        |
| > 42          |     | 13.94                             | 18.74 | 17.78 | 19.24  | 41.98   | 42.56   | 38.77   | 31.77   | 24.19   | 46.06 | .00     | 291.55 |               |            |
| TOTAL         |     | 14.37                             | 19.17 | 18.26 | 19.76  | 43.12   | 43.72   | 39.83   | 32.63   | 24.85   | 47.31 | .00     | 299.52 |               |            |

COUNTY: TOTAL

|       |  |       |       |       |       |       |       |       |       |       |       |     |        |     |  |
|-------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|--------|-----|--|
| 28-42 |  | .38   | .43   | .48   | .52   | 1.14  | 1.16  | 1.06  | .86   | .66   | 1.25  | .00 | 7.97   | 271 |  |
| > 42  |  | 13.94 | 18.74 | 17.78 | 19.24 | 41.98 | 42.56 | 38.77 | 31.77 | 24.19 | 46.06 | .00 | 314.09 |     |  |
| TOTAL |  | 14.37 | 19.17 | 18.26 | 19.76 | 43.12 | 43.72 | 39.83 | 32.63 | 24.85 | 47.31 | .00 | 322.06 |     |  |

COUNTY: 071 LAS ANIMAS

|       |     |     |       |       |       |     |     |     |     |     |     |      |       |   |    |
|-------|-----|-----|-------|-------|-------|-----|-----|-----|-----|-----|-----|------|-------|---|----|
| 28-42 | 190 | .00 | .00   | .00   | 5.60  | .00 | .00 | .00 | .00 | .00 | .00 | .00  | 5.60  | 1 | .9 |
| > 42  |     | .00 | .00   | .00   | 7.49  | .00 | .00 | .00 | .00 | .00 | .00 | .00  | 7.49  |   |    |
| TOTAL |     | .00 | .00   | .00   | 13.09 | .00 | .00 | .00 | .00 | .00 | .00 | .00  | 13.09 |   |    |
| 28-42 | 191 | .00 | 2.05  | 2.05  | .00   | .00 | .00 | .00 | .00 | .00 | .00 | .00  | 4.10  | 2 | .7 |
| > 42  |     | .00 | 17.07 | 17.07 | .00   | .00 | .00 | .00 | .00 | .00 | .00 | .00  | 34.15 |   |    |
| TOTAL |     | .00 | 19.12 | 19.12 | .00   | .00 | .00 | .00 | .00 | .00 | .00 | .00  | 38.25 |   |    |
| 28-42 | 192 | .00 | .00   | .00   | .00   | .00 | .00 | .00 | .00 | .00 | .00 | 7.05 | 7.05  |   |    |
| > 42  |     | .00 | .00   | .00   | .00   | .00 | .00 | .00 | .00 | .00 | .00 | 2.65 | 2.65  |   |    |
| TOTAL |     | .00 | .00   | .00   | .00   | .00 | .00 | .00 | .00 | .00 | .00 | 9.70 | 9.70  |   |    |
| 28-42 | 193 | .00 | .00   | .00   | .00   | .00 | .00 | .00 | .00 | .00 | .00 | 1.21 | 1.21  |   |    |
| > 42  |     | .00 | .00   | .00   | .00   | .00 | .00 | .00 | .00 | .00 | .00 | .00  | .00   |   |    |
| TOTAL |     | .00 | .00   | .00   | .00   | .00 | .00 | .00 | .00 | .00 | .00 | 1.21 | 1.21  |   |    |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
 MILLION SHORT TONS

COUNTY: 071 LAS ANIMAS

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       | UNKNOWN | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|---------------|------------|
|               |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |       |               |            |
| 28-42         | 194 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .19     | .19   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .15     | .15   |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .34     | .34   |               |            |
| 28-42         | 195 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .57     | .57   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .06     | .06   |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .63     | .63   |               |            |
| 28-42         | 196 | .00                               | 12.78 | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 12.78 | 5             | .5         |
| > 42          |     | .00                               | 14.31 | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 14.31 |               |            |
| TOTAL         |     | .00                               | 27.09 | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 27.09 |               |            |
| 28-42         | 197 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.13    | 1.13  |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 14.50   | 14.50 |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 15.63   | 15.63 |               |            |
| 28-42         | 198 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.59    | 2.59  |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.59    | 2.59  |               |            |
| 28-42         | 199 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 19.40   | 19.40 |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 4.37    | 4.37  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 23.77   | 23.77 |               |            |
| 28-42         | 200 | .00                               | .03   | .06   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .10   | 4             | .7         |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| TOTAL         |     | .00                               | .03   | .06   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .10   |               |            |
| 28-42         | 201 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .42     | .42   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .05     | .05   |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .47     | .47   |               |            |
| 28-42         | 202 | .00                               | 2.92  | 5.09  | 1.39   | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 9.41  | 9             | .7         |
| > 42          |     | .00                               | 3.52  | 6.12  | 1.67   | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 11.32 |               |            |
| TOTAL         |     | .00                               | 6.44  | 11.21 | 3.06   | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 20.73 |               |            |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 071 LAS ANIMAS

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |         | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|---------------|------------|
|               |     | ≤ .4                              | .4-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 | UNKNOWN |       |               |            |
| 28-42         | 203 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.60    | 1.60  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.60    | 1.60  |               |            |
| 28-42         | 204 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.29    | 2.29  |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.30    | 2.30  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 4.59    | 4.59  |               |            |
| 28-42         | 206 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 3.12    | 3.12  |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 3.12    | 3.12  |               |            |
| 28-42         | 207 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.46    | 2.46  |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 10.65   | 10.65 |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 13.11   | 13.11 |               |            |
| 28-42         | 208 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.15    | 1.15  |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 4.14    | 4.14  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 5.29    | 5.29  |               |            |
| 28-42         | 209 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 17.55   | 17.55 |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 7.30    | 7.30  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 24.85   | 24.85 |               |            |
| 28-42         | 210 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .77     | .77   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .77     | .77   |               |            |
| 28-42         | 211 | .00                               | .00   | .69   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .69   | 1             | .7         |
| > 42          |     | .00                               | .00   | 2.54  | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 2.59  |               |            |
| TOTAL         |     | .00                               | .00   | 3.23  | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 3.28  |               |            |
| 28-42         | 213 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.58    | 1.58  |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 16.84   | 16.84 |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 18.42   | 18.42 |               |            |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
 MILLION SHORT TONS

COUNTY: 071 LAS ANIMAS

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |         | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|---------------|------------|
|               |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 | UNKNOWN |       |               |            |
| 28-42         | 214 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .59     | .59   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 31.09   | 31.09 |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 31.68   | 31.68 |               |            |
| 28-42         | 222 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.43    | 1.43  |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .01     | .01   |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.44    | 1.44  |               |            |
| 28-42         | 223 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 8.59    | 8.59  |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 13.67   | 13.67 |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 22.26   | 22.26 |               |            |
| 28-42         | 224 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 32.20   | 32.20 |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 16.10   | 16.10 |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 48.30   | 48.30 |               |            |
| 28-42         | 225 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 12.71   | 12.71 |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 12.71   | 12.71 |               |            |
| 28-42         | 226 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.14    | 1.14  |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 29.34   | 29.34 |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 30.48   | 30.48 |               |            |
| 28-42         | 227 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.05    | 2.05  |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.05    | 2.05  |               |            |
| 28-42         | 228 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 5.37    | 5.37  |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.68    | 2.68  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 8.05    | 8.05  |               |            |
| 28-42         | 513 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.44    | 1.44  |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.44    | 1.44  |               |            |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
 THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
 MILLION SHORT TONS

COUNTY: 071 LAS ANIMAS

| THICK-<br>NESS | RED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |      | UNKNOWN | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|----------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|------|---------|-------|---------------|------------|
|                |     | ≤ .4                              | .4-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |      |         |       |               |            |
| 28-42          | 516 | 12.20                             | 45.07 | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00  | .00     | 57.28 | 7             | .5         |
| > 42           |     | 1.68                              | 6.20  | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00  | .00     | 7.89  |               |            |
| TOTAL          |     | 13.88                             | 51.27 | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00  | .00     | 65.17 |               |            |
| 28-42          | 521 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.20 | 2.20    |       |               |            |
| > 42           |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .81  | .81     |       |               |            |
| TOTAL          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 3.01 | 3.01    |       |               |            |
| 28-42          | 709 | .00                               | .00   | .95   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00  | .95     |       | 3             | .7         |
| > 42           |     | .00                               | .00   | 19.53 | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00  | 19.53   |       |               |            |
| TOTAL          |     | .00                               | .00   | 20.48 | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00  | 20.48   |       |               |            |
| 28-42          | 711 | .00                               | .61   | 1.40  | .31    | .00     | .00     | .00     | .00     | .00     | .00   | .00  | 2.33    |       | 16            | .7         |
| > 42           |     | .00                               | 1.62  | 3.70  | .83    | .00     | .00     | .00     | .00     | .00     | .00   | .00  | 6.16    |       |               |            |
| TOTAL          |     | .00                               | 2.23  | 5.10  | 1.14   | .00     | .00     | .00     | .00     | .00     | .00   | .00  | 8.49    |       |               |            |
| 28-42          | 717 | .00                               | .68   | 2.96  | 1.18   | .00     | .00     | .00     | .00     | .00     | .00   | .00  | 4.83    |       | 13            | .7         |
| > 42           |     | .00                               | 2.46  | 10.71 | 4.30   | .00     | .00     | .00     | .00     | .00     | .00   | .00  | 17.48   |       |               |            |
| TOTAL          |     | .00                               | 3.14  | 13.67 | 5.48   | .00     | .00     | .00     | .00     | .00     | .00   | .00  | 22.31   |       |               |            |
| 28-42          | 719 | .00                               | .00   | 4.03  | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00  | 4.03    |       | 1             | .7         |
| > 42           |     | .00                               | .00   | .29   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00  | .29     |       |               |            |
| TOTAL          |     | .00                               | .00   | 4.32  | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00  | 4.32    |       |               |            |
| 28-42          | 721 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 4.66 | 4.66    |       |               |            |
| > 42           |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.76 | 2.76    |       |               |            |
| TOTAL          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 7.42 | 7.42    |       |               |            |
| 28-42          | 722 | .00                               | 2.34  | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00  | 2.34    |       | 1             | .5         |
| > 42           |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00  | .00     |       |               |            |
| TOTAL          |     | .00                               | 2.34  | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00  | 2.34    |       |               |            |
| 28-42          | 724 | .00                               | 2.82  | 1.81  | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00  | 4.64    |       | 35            | .6         |
| > 42           |     | .00                               | 2.17  | 1.40  | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00  | 3.58    |       |               |            |
| TOTAL          |     | .00                               | 4.99  | 3.21  | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00  | 8.22    |       |               |            |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 071 LAS ANIMAS

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |         | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|---------------|------------|
|               |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 | UNKNOWN |       |               |            |
| 28-42         | 729 | .00                               | 31.15 | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 31.15 | 7             | .5         |
| > 42          |     | .00                               | 42.89 | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 42.89 |               |            |
| TOTAL         |     | .00                               | 74.04 | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 74.04 |               |            |
| 28-42         | 735 | .00                               | .00   | 5.16  | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 5.16  | 9             | .8         |
| > 42          |     | .00                               | .00   | 7.06  | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 7.06  |               |            |
| TOTAL         |     | .00                               | .00   | 12.22 | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 12.22 |               |            |
| 28-42         | 739 | .00                               | 16.84 | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 16.84 | 1             | .5         |
| > 42          |     | .00                               | 30.54 | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 30.54 |               |            |
| TOTAL         |     | .00                               | 47.38 | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 47.38 |               |            |
| 28-42         | 741 | .00                               | 3.92  | 1.01  | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 4.94  | 22            | .6         |
| > 42          |     | .00                               | 20.46 | 5.30  | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 25.77 |               |            |
| TOTAL         |     | .00                               | 24.38 | 6.31  | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 30.71 |               |            |
| 28-42         | 742 | .00                               | 1.18  | 1.41  | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 2.60  | 67            | .7         |
| > 42          |     | .00                               | 4.09  | 4.89  | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 8.99  |               |            |
| TOTAL         |     | .00                               | 5.27  | 6.30  | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 11.59 |               |            |
| 28-42         | 747 | .00                               | .50   | 1.59  | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 2.10  | 6             | .7         |
| > 42          |     | .00                               | .54   | 1.74  | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 2.29  |               |            |
| TOTAL         |     | .00                               | 1.04  | 3.33  | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 4.39  |               |            |
| 28-42         | 751 | .75                               | 5.30  | .98   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 7.04  | 57            | .6         |
| > 42          |     | 4.04                              | 28.87 | 5.36  | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 38.29 |               |            |
| TOTAL         |     | 4.84                              | 34.17 | 6.34  | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 45.33 |               |            |
| 28-42         | 764 | .00                               | 2.28  | 1.34  | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 3.63  | 105           | .6         |
| > 42          |     | .00                               | 3.76  | 2.21  | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 5.98  |               |            |
| TOTAL         |     | .00                               | 6.04  | 3.55  | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 9.61  |               |            |
| 28-42         | 799 | 3.07                              | 12.42 | 12.25 | 2.56   | .34     | .00     | .00     | .00     | .00     | .00   | .00     | 31.66 | 82            | .6         |
| > 42          |     | 3.51                              | 15.36 | 14.02 | 2.43   | .39     | .00     | .00     | .00     | .00     | .00   | .00     | 36.23 |               |            |
| TOTAL         |     | 6.58                              | 27.78 | 26.27 | 5.49   | .73     | .00     | .00     | .00     | .00     | .00   | .00     | 67.89 |               |            |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
 MILLION SHORT TONS

COUNTY: 071 LAS ANIMAS

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |        |        |        |         |         |         |         |         |       | UNKNOWN | TOTAL  | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|--------|--------|--------|---------|---------|---------|---------|---------|-------|---------|--------|---------------|------------|
|               |     | ≤ .4                              | .5-.6  | .7-.8  | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |        |               |            |
| COUNTY:       |     | TOTAL                             |        |        |        |         |         |         |         |         |       |         |        |               |            |
| 28-42         |     | 16.02                             | 143.89 | 42.78  | 11.04  | .34     | .00     | .00     | .00     | .00     | .00   | 133.86  | 348.06 | 454           |            |
| > 42          |     | 9.28                              | 193.86 | 101.99 | 17.22  | .39     | .00     | .00     | .00     | .00     | .00   | 161.07  | 483.90 |               |            |
| TOTAL         |     | 25.30                             | 337.75 | 144.77 | 28.26  | .73     | .00     | .00     | .00     | .00     | .00   | 294.93  | 831.96 |               |            |

COUNTY: 077 MESA

|       |     |     |       |       |       |       |      |     |     |     |     |       |        |     |     |
|-------|-----|-----|-------|-------|-------|-------|------|-----|-----|-----|-----|-------|--------|-----|-----|
| 28-42 | 066 | .00 | .00   | .00   | .00   | .41   | .00  | .00 | .00 | .00 | .00 | .00   | .41    | 1   | 1.2 |
| > 42  |     | .00 | .00   | .00   | .00   | 23.83 | .00  | .00 | .00 | .00 | .00 | .00   | 23.83  |     |     |
| TOTAL |     | .00 | .00   | .00   | .00   | 24.24 | .00  | .00 | .00 | .00 | .00 | .00   | 24.24  |     |     |
| 28-42 | 067 | .00 | .00   | .00   | .00   | .00   | .00  | .00 | .00 | .00 | .00 | .00   | .00    |     |     |
| > 42  |     | .00 | .00   | .00   | .00   | .00   | .00  | .00 | .00 | .00 | .00 | 16.33 | 16.33  |     |     |
| TOTAL |     | .00 | .00   | .00   | .00   | .00   | .00  | .00 | .00 | .00 | .00 | 16.33 | 16.33  |     |     |
| 28-42 | 727 | .00 | 2.95  | 3.83  | 3.03  | 2.30  | .36  | .05 | .00 | .00 | .00 | .00   | 12.54  | 129 | .8  |
| > 42  |     | .00 | 16.49 | 22.03 | 17.42 | 13.25 | 2.08 | .28 | .00 | .00 | .00 | .00   | 72.02  |     |     |
| TOTAL |     | .00 | 19.44 | 25.86 | 20.45 | 15.55 | 2.44 | .33 | .00 | .00 | .00 | .00   | 84.56  |     |     |
| 28-42 | 770 | .00 | .00   | .00   | .00   | .00   | .00  | .00 | .00 | .00 | .00 | .00   | .00    | 160 | .7  |
| > 42  |     | .00 | 41.16 | 49.71 | 11.67 | 1.66  | .00  | .00 | .00 | .00 | .00 | .00   | 104.22 |     |     |
| TOTAL |     | .00 | 41.16 | 49.71 | 11.67 | 1.66  | .00  | .00 | .00 | .00 | .00 | .00   | 104.22 |     |     |

COUNTY: TOTAL

|       |  |     |       |       |       |       |      |     |     |     |     |       |        |     |  |
|-------|--|-----|-------|-------|-------|-------|------|-----|-----|-----|-----|-------|--------|-----|--|
| 28-42 |  | .00 | 2.95  | 3.83  | 3.03  | 2.71  | .36  | .05 | .00 | .00 | .00 | .00   | 12.95  | 290 |  |
| > 42  |  | .00 | 58.15 | 71.74 | 29.09 | 38.74 | 2.08 | .28 | .00 | .00 | .00 | 16.33 | 216.40 |     |  |
| TOTAL |  | .00 | 61.10 | 75.57 | 32.12 | 41.45 | 2.44 | .33 | .00 | .00 | .00 | 16.33 | 229.35 |     |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
 MILLION SHORT TONS

COUNTY: 081 MOFFAT

| THICK-<br>NESS | BED | ≤ .4 | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 | UNKNOWN | TOTAL   | NO.OF<br>ANAL | AVG<br>S % |
|----------------|-----|------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|---------|---------------|------------|
| 28-42          | 075 | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 165.64  | 165.64  |               |            |
| > 42           |     | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1167.56 | 1167.56 |               |            |
| TOTAL          |     | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1333.20 | 1333.20 |               |            |
| 28-42          | 076 | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.67    | 1.67    |               |            |
| > 42           |     | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .87     | .87     |               |            |
| TOTAL          |     | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.54    | 2.54    |               |            |
| 28-42          | 077 | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.18    | 2.18    |               |            |
| > 42           |     | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00     |               |            |
| TOTAL          |     | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.18    | 2.18    |               |            |
| 28-42          | 078 | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.25    | 1.25    |               |            |
| > 42           |     | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00     |               |            |
| TOTAL          |     | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.25    | 1.25    |               |            |
| 28-42          | 079 | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00     |               |            |
| > 42           |     | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .52     | .52     |               |            |
| TOTAL          |     | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .52     | .52     |               |            |
| 28-42          | 080 | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .46     | .46     |               |            |
| > 42           |     | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .76     | .76     |               |            |
| TOTAL          |     | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.22    | 1.22    |               |            |
| 28-42          | 081 | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00     |               |            |
| > 42           |     | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.38    | 1.38    |               |            |
| TOTAL          |     | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.38    | 1.38    |               |            |
| 28-42          | 082 | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00     |               |            |
| > 42           |     | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 5.39    | 5.39    |               |            |
| TOTAL          |     | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 5.39    | 5.39    |               |            |
| 28-42          | 084 | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 3.04    | 3.04    |               |            |
| > 42           |     | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 12.06   | 12.06   |               |            |
| TOTAL          |     | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 15.10   | 15.10   |               |            |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 081 MOFFAT

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |     | UNKNOWN | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|-----|---------|-------|---------------|------------|
|               |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |     |         |       |               |            |
| 28-42         | 086 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .00     | .00   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .31     | .31   |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .31     | .31   |               |            |
| 28-42         | 087 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .00     | .00   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | 8.28    | 8.28  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | 8.28    | 8.28  |               |            |
| 28-42         | 088 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | 1.60    | 1.60  |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .00     | .00   |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | 1.60    | 1.60  |               |            |
| 28-42         | 089 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .72     | .72   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .00     | .00   |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .72     | .72   |               |            |
| 28-42         | 090 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .00     | .00   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .24     | .24   |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .24     | .24   |               |            |
| 28-42         | 093 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .00     | .00   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | 14.85   | 14.85 |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | 14.85   | 14.85 |               |            |
| 28-42         | 095 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | 3.71    | 3.71  |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .00     | .00   |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | 3.71    | 3.71  |               |            |
| 28-42         | 096 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .00     | .00   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | 2.67    | 2.67  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | 2.67    | 2.67  |               |            |
| 28-42         | 098 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | 2.55    | 2.55  |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | 14.98   | 14.98 |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | 17.53   | 17.53 |               |            |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 081 MOFFAT

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |         | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|---------------|------------|
|               |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 | UNKNOWN |       |               |            |
| 28-42         | 100 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.13    | 1.13  |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.13    | 1.13  |               |            |
| 28-42         | 105 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .77     | .77   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .77     | .77   |               |            |
| 28-42         | 106 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 3.65    | 3.65  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 3.65    | 3.65  |               |            |
| 28-42         | 107 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.55    | 2.55  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.55    | 2.55  |               |            |
| 28-42         | 108 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.66    | 1.66  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.66    | 1.66  |               |            |
| 28-42         | 109 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.58    | 1.58  |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 3.46    | 3.46  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 5.04    | 5.04  |               |            |
| 28-42         | 110 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 16.52   | 16.52 |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 16.52   | 16.52 |               |            |
| 28-42         | 111 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.11    | 1.11  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.11    | 1.11  |               |            |
| 28-42         | 113 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 4.82    | 4.82  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 4.82    | 4.82  |               |            |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 081 MOFFAT

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       | UNKNOWN | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|---------------|------------|
|               |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |       |               |            |
| 28-42         | 115 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 3.06    | 3.06  |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 3.06    | 3.06  |               |            |
| 28-42         | 116 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 10.39   | 10.39 |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 10.39   | 10.39 |               |            |
| 28-42         | 117 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.72    | 1.72  |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.72    | 1.72  |               |            |
| 28-42         | 118 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 10.45   | 10.45 |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 10.45   | 10.45 |               |            |
| 28-42         | 119 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 6.63    | 6.63  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 6.63    | 6.63  |               |            |
| 28-42         | 121 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.06    | 1.06  |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .12     | .12   |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.18    | 1.18  |               |            |
| 28-42         | 122 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 40.39   | 40.39 |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 40.39   | 40.39 |               |            |
| 28-42         | 151 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 33.52   | 33.52 |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 33.52   | 33.52 |               |            |
| 28-42         | 153 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.34    | 1.34  |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 67.84   | 67.84 |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 69.18   | 69.18 |               |            |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
 MILLION SHORT TONS

COUNTY: 081 MOFFAT

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       | UNKNOWN | TOTAL | NO. OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|----------------|------------|
|               |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |       |                |            |
| 28-42         | 154 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 6.47    | 6.47  |                |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 75.41   | 75.41 |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 81.88   | 81.88 |                |            |
| 28-42         | 155 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 3.70    | 3.70  |                |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 6.16    | 6.16  |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 9.86    | 9.86  |                |            |
| 28-42         | 166 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |                |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 30.61   | 30.61 |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 30.61   | 30.61 |                |            |
| 28-42         | 168 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |                |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 51.15   | 51.15 |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 51.15   | 51.15 |                |            |
| 28-42         | 169 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |                |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.87    | 1.87  |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.87    | 1.87  |                |            |
| 28-42         | 170 | .00                               | .00   | 19.48 | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 19.48 | 1              | .8         |
| > 42          |     | .00                               | .00   | 78.05 | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 78.05 |                |            |
| TOTAL         |     | .00                               | .00   | 97.53 | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 97.53 |                |            |
| 28-42         | 180 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 28.41   | 28.41 |                |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 37.11   | 37.11 |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 65.52   | 65.52 |                |            |
| 28-42         | 181 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 5.88    | 5.88  |                |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 5.88    | 5.88  |                |            |
| 28-42         | 182 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |                |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .56     | .56   |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .56     | .56   |                |            |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 081 MOFFAT

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |         | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|---------------|------------|
|               |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 | UNKNOWN |       |               |            |
| 28-42         | 184 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.79    | 1.79  |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 13.10   | 13.10 |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 14.89   | 14.89 |               |            |
| 28-42         | 185 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 8.55    | 8.55  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 8.55    | 8.55  |               |            |

COUNTY: TOTAL

|       |     |     |       |     |     |     |     |     |     |     |     |         |         |   |  |
|-------|-----|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|---------|---------|---|--|
| 28-42 | .00 | .00 | 19.48 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 239.73  | 259.21  | 1 |  |
| > 42  | .00 | .00 | 78.05 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 1657.50 | 1735.55 |   |  |
| TOTAL | .00 | .00 | 97.53 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 1897.23 | 1994.76 |   |  |

COUNTY: 083 MONTEZUMA

|       |     |     |      |      |      |     |     |     |     |     |     |     |       |    |    |
|-------|-----|-----|------|------|------|-----|-----|-----|-----|-----|-----|-----|-------|----|----|
| 28-42 | 799 | .00 | 6.19 | 6.55 | 1.83 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 14.60 | 18 | .7 |
| > 42  |     | .00 | 1.91 | 2.02 | .56  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 4.51  |    |    |
| TOTAL |     | .00 | 8.10 | 8.57 | 2.39 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 19.11 |    |    |

COUNTY: TOTAL

|       |     |      |      |      |     |     |     |     |     |     |     |     |       |    |  |
|-------|-----|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-------|----|--|
| 28-42 | .00 | 6.19 | 6.55 | 1.83 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 14.60 | 18 |  |
| > 42  | .00 | 1.91 | 2.02 | .56  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 4.51  |    |  |
| TOTAL | .00 | 8.10 | 8.57 | 2.39 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 19.11 |    |  |

COUNTY: 085 MONTROSE .

|       |     |     |     |     |     |     |     |     |     |     |     |      |      |  |  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|--|--|
| 28-42 | 071 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 2.36 | 2.36 |  |  |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .18  | .18  |  |  |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 2.54 | 2.54 |  |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
 MILLION SHORT TONS

COUNTY: 085 MONTROSE

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |         | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|---------------|------------|
|               |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 | UNKNOWN |       |               |            |
| 28-42         | 072 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 25.72   | 25.72 |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 25.72   | 25.72 |               |            |
| 28-42         | 073 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 7.23    | 7.23  |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 7.33    | 7.33  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 14.56   | 14.56 |               |            |

COUNTY: TOTAL

|       |     |     |     |     |     |     |     |     |     |     |     |       |       |  |  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|--|--|
| 28-42 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 9.59  | 9.59  |  |  |
| > 42  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 33.23 | 33.23 |  |  |
| TOTAL | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 42.82 | 42.82 |  |  |

COUNTY: 093 PARK

|       |     |     |       |     |     |     |     |     |     |     |     |      |       |   |    |
|-------|-----|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|------|-------|---|----|
| 28-42 | 037 | .00 | .00   | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00  | .00   |   |    |
| > 42  |     | .00 | .00   | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .71  | .71   |   |    |
| TOTAL |     | .00 | .00   | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .71  | .71   |   |    |
| 28-42 | 038 | .00 | .00   | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .85  | .85   |   |    |
| > 42  |     | .00 | .00   | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00  | .00   |   |    |
| TOTAL |     | .00 | .00   | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .85  | .85   |   |    |
| 28-42 | 039 | .00 | .00   | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00  | .00   |   |    |
| > 42  |     | .00 | .00   | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 5.31 | 5.31  |   |    |
| TOTAL |     | .00 | .00   | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 5.31 | 5.31  |   |    |
| 28-42 | 040 | .00 | .00   | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00  | .00   | 1 | .5 |
| > 42  |     | .00 | 18.44 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00  | 18.44 |   |    |
| TOTAL |     | .00 | 18.44 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00  | 18.44 |   |    |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 093 PARK

| THICK<br>NESS      | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       | UNKNOWN | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|--------------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|---------------|------------|
|                    |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |       |               |            |
| COUNTY: TOTAL      |     |                                   |       |       |        |         |         |         |         |         |       |         |       |               |            |
| 28-42              |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .85     | .85   | 1             |            |
| > 42               |     | .00                               | 18.44 | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 6.02    | 24.46 |               |            |
| TOTAL              |     | .00                               | 18.44 | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 6.87    | 25.31 |               |            |
| COUNTY: 097 PITKIN |     |                                   |       |       |        |         |         |         |         |         |       |         |       |               |            |
| 28-42              | 060 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.45    | 1.45  |               |            |
| > 42               |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| TOTAL              |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.45    | 1.45  |               |            |
| 28-42              | 064 | .00                               | .98   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .98   | 1             | .5         |
| > 42               |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| TOTAL              |     | .00                               | .98   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .98   |               |            |
| 28-42              | 065 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .77     | .77   |               |            |
| > 42               |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| TOTAL              |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .77     | .77   |               |            |
| 28-42              | 704 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   | 1             | 1.2        |
| > 42               |     | .00                               | .00   | .00   | .00    | 12.90   | .00     | .00     | .00     | .00     | .00   | .00     | 12.90 |               |            |
| TOTAL              |     | .00                               | .00   | .00   | .00    | 12.90   | .00     | .00     | .00     | .00     | .00   | .00     | 12.90 |               |            |
| 28-42              | 718 | .00                               | 3.33  | 1.55  | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 4.89  | 4             | .6         |
| > 42               |     | .00                               | 7.87  | 3.67  | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 11.55 |               |            |
| TOTAL              |     | .00                               | 11.20 | 5.22  | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 16.44 |               |            |
| 28-42              | 753 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.89    | 1.89  |               |            |
| > 42               |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 5.06    | 5.06  |               |            |
| TOTAL              |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 6.95    | 6.95  |               |            |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
 MILLION SHORT TONS

COUNTY: 097 PITKIN

| THICK-<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |         | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|----------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|---------------|------------|
|                |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 | UNKNOWN |       |               |            |
| 28-42          | 754 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 3.44    | 3.44  |               |            |
| > 42           |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 5.08    | 5.08  |               |            |
| TOTAL          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 8.52    | 8.52  |               |            |
| 28-42          | 755 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| > 42           |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 3.42    | 3.42  |               |            |
| TOTAL          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 3.42    | 3.42  |               |            |
| 28-42          | 757 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 4.12    | 4.12  |               |            |
| > 42           |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| TOTAL          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 4.12    | 4.12  |               |            |
| 28-42          | 759 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   | 12            | .5         |
| > 42           |     | 2.76                              | 17.30 | 2.76  | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 22.83 |               |            |
| TOTAL          |     | 2.76                              | 17.30 | 2.76  | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 22.83 |               |            |
| 28-42          | 799 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   | 4             | .7         |
| > 42           |     | .00                               | 2.25  | 2.25  | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 4.51  |               |            |
| TOTAL          |     | .00                               | 2.25  | 2.25  | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 4.51  |               |            |
| 28-42          | 975 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   | 1             | 1.1        |
| > 42           |     | .00                               | .00   | .00   | .00    | 5.71    | .00     | .00     | .00     | .00     | .00   | .00     | 5.71  |               |            |
| TOTAL          |     | .00                               | .00   | .00   | .00    | 5.71    | .00     | .00     | .00     | .00     | .00   | .00     | 5.71  |               |            |

COUNTY: TOTAL

|       |      |       |       |     |       |     |     |     |     |     |     |       |       |    |  |
|-------|------|-------|-------|-----|-------|-----|-----|-----|-----|-----|-----|-------|-------|----|--|
| 28-42 | .00  | 4.31  | 1.55  | .00 | .00   | .00 | .00 | .00 | .00 | .00 | .00 | 11.67 | 17.54 | 23 |  |
| > 42  | 2.76 | 27.42 | 8.68  | .00 | 18.61 | .00 | .00 | .00 | .00 | .00 | .00 | 13.56 | 71.06 |    |  |
| TOTAL | 2.76 | 31.73 | 10.23 | .00 | 18.61 | .00 | .00 | .00 | .00 | .00 | .00 | 25.23 | 88.60 |    |  |

COUNTY: 103 RIO BLANCO

|       |     |     |     |     |     |     |     |     |     |     |     |      |      |  |  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|--|--|
| 28-42 | 063 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00  | .00  |  |  |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 6.21 | 6.21 |  |  |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 6.21 | 6.21 |  |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
RED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 103 RIO BLANCO

| THICK<br>NESS | RED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |         | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|---------------|------------|
|               |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 | UNKNOWN |       |               |            |
| 28-42         | 076 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.18    | 2.18  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.18    | 2.18  |               |            |
| 28-42         | 077 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 53.33   | 53.33 |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 53.33   | 53.33 |               |            |
| 28-42         | 078 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 13.20   | 13.20 |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 13.20   | 13.20 |               |            |
| 28-42         | 079 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.69    | 1.69  |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.69    | 1.69  |               |            |
| 28-42         | 081 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.19    | 2.19  |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.19    | 2.19  |               |            |
| 28-42         | 082 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 16.91   | 16.91 |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 16.91   | 16.91 |               |            |
| 28-42         | 083 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 3.06    | 3.06  |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 34.18   | 34.18 |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 37.24   | 37.24 |               |            |
| 28-42         | 084 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.61    | 2.61  |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.70    | 1.70  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 4.31    | 4.31  |               |            |
| 28-42         | 085 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 3.65    | 3.65  |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 7.31    | 7.31  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 10.96   | 10.96 |               |            |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 103 RIO BLANCO

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       | UNKNOWN | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|---------------|------------|
|               |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |       |               |            |
| 28-42         | 086 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 5.14    | 5.14  |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 10.53   | 10.53 |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 15.67   | 15.67 |               |            |
| 28-42         | 087 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.68    | 1.68  |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 11.39   | 11.39 |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 13.07   | 13.07 |               |            |
| 28-42         | 088 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .63     | .63   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 3.71    | 3.71  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 4.34    | 4.34  |               |            |
| 28-42         | 089 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 8.70    | 8.70  |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 24.17   | 24.17 |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 32.87   | 32.87 |               |            |
| 28-42         | 090 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.09    | 2.09  |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 16.32   | 16.32 |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 18.41   | 18.41 |               |            |
| 28-42         | 091 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 6.98    | 6.98  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 6.98    | 6.98  |               |            |
| 28-42         | 092 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 12.91   | 12.91 |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 12.91   | 12.91 |               |            |
| 28-42         | 093 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 5.48    | 5.48  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 5.48    | 5.48  |               |            |
| 28-42         | 094 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.33    | 2.33  |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.33    | 2.33  |               |            |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 103 RIO BLANCO

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       | UNKNOWN | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|---------------|------------|
|               |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |       |               |            |
| 28-42         | 095 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 8.68    | 8.68  |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 20.43   | 20.43 |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 29.11   | 29.11 |               |            |
| 28-42         | 096 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.18    | 2.18  |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 4.96    | 4.96  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 7.14    | 7.14  |               |            |
| 28-42         | 097 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 8.17    | 8.17  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 8.17    | 8.17  |               |            |
| 28-42         | 098 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 12.53   | 12.53 |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 3.15    | 3.15  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 15.68   | 15.68 |               |            |
| 28-42         | 100 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .16     | .16   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .16     | .16   |               |            |
| 28-42         | 101 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 9.92    | 9.92  |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 9.92    | 9.92  |               |            |
| 28-42         | 102 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 12.92   | 12.92 |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 14.01   | 14.01 |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 26.93   | 26.93 |               |            |
| 28-42         | 104 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.13    | 1.13  |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.13    | 1.13  |               |            |
| 28-42         | 105 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.51    | 2.51  |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 31.38   | 31.38 |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 33.89   | 33.89 |               |            |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 103 RIO BLANCO

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       | UNKNOWN | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|---------------|------------|
|               |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |       |               |            |
| 28-42         | 107 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.73    | 1.73  |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 4.58    | 4.58  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 6.31    | 6.31  |               |            |
| 28-42         | 108 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 4.78    | 4.78  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 4.78    | 4.78  |               |            |
| 28-42         | 109 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.68    | 2.68  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.68    | 2.68  |               |            |
| 28-42         | 110 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 3.74    | 3.74  |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 6.07    | 6.07  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 9.81    | 9.81  |               |            |
| 28-42         | 111 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 39.97   | 39.97 |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 39.97   | 39.97 |               |            |
| 28-42         | 112 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .79     | .79   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .79     | .79   |               |            |
| 28-42         | 113 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.02    | 1.02  |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.02    | 1.02  |               |            |
| 28-42         | 116 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 3.69    | 3.69  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 3.69    | 3.69  |               |            |
| 28-42         | 118 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 15.78   | 15.78 |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 15.78   | 15.78 |               |            |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 103 RIO BLANCO

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |         | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|---------------|------------|
|               |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 | UNKNOWN |       |               |            |
| 28-42         | 121 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 3.06    | 3.06  |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .01     | .01   |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 3.07    | 3.07  |               |            |
| 28-42         | 124 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 3.46    | 3.46  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 3.46    | 3.46  |               |            |
| 28-42         | 126 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.44    | 1.44  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.44    | 1.44  |               |            |
| 28-42         | 127 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 3.55    | 3.55  |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .02     | .02   |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 3.57    | 3.57  |               |            |
| 28-42         | 128 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .31     | .31   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 8.50    | 8.50  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 8.81    | 8.81  |               |            |
| 28-42         | 129 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .51     | .51   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .51     | .51   |               |            |
| 28-42         | 130 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 7.23    | 7.23  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 7.23    | 7.23  |               |            |
| 28-42         | 131 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.86    | 2.86  |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 9.62    | 9.62  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 12.48   | 12.48 |               |            |
| 28-42         | 132 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .05     | .05   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .05     | .05   |               |            |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 103 RIO BLANCO

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |         | TOTAL | NO. OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|----------------|------------|
|               |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 | UNKNOWN |       |                |            |
| 28-42         | 134 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |                |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 3.60    | 3.60  |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 3.60    | 3.60  |                |            |
| 28-42         | 135 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 3.08    | 3.08  |                |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 4.40    | 4.40  |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 7.48    | 7.48  |                |            |
| 28-42         | 136 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |                |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 28.57   | 28.57 |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 28.57   | 28.57 |                |            |
| 28-42         | 138 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .86     | .86   |                |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.82    | 1.82  |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.68    | 2.68  |                |            |
| 28-42         | 139 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.27    | 1.27  |                |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.27    | 1.27  |                |            |
| 28-42         | 140 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |                |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.84    | 2.84  |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.84    | 2.84  |                |            |
| 28-42         | 141 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .79     | .79   |                |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .79     | .79   |                |            |
| 28-42         | 145 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .87     | .87   |                |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .87     | .87   |                |            |
| 28-42         | 147 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.93    | 1.93  |                |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.48    | 1.48  |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 3.41    | 3.41  |                |            |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 103 RIO BLANCO

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       | UNKNOWN | TOTAL  | NO. OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|--------|----------------|------------|
|               |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |        |                |            |
| 28-42         | 148 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    |                |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.70    | 2.70   |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.70    | 2.70   |                |            |
| 28-42         | 150 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.31    | 2.31   |                |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.31    | 2.31   |                |            |
| 28-42         | 165 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    |                |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 137.66  | 137.66 |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 137.66  | 137.66 |                |            |
| 28-42         | 166 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 6.17    | 6.17   |                |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 91.90   | 91.90  |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 98.07   | 98.07  |                |            |
| 28-42         | 167 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    |                |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 3.97    | 3.97   |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 3.97    | 3.97   |                |            |
| 28-42         | 169 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    |                |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 181.21  | 181.21 |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 181.21  | 181.21 |                |            |
| 28-42         | 171 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.37    | 1.37   |                |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.37    | 1.37   |                |            |
| 28-42         | 172 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 4.12    | 4.12   |                |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.54    | 2.54   |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 6.66    | 6.66   |                |            |
| 28-42         | 173 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.34    | 2.34   |                |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 13.04   | 13.04  |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 15.38   | 15.38  |                |            |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
 MILLION SHORT TONS

COUNTY: 103 RIO BLANCO

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |         | TOTAL | NO. OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|----------------|------------|
|               |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 | UNKNOWN |       |                |            |
| 28-42         | 174 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |                |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 5.08    | 5.08  |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 5.08    | 5.08  |                |            |
| 28-42         | 175 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.21    | 2.21  |                |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 5.23    | 5.23  |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 7.44    | 7.44  |                |            |
| 28-42         | 176 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.56    | 1.56  |                |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.56    | 1.56  |                |            |
| 28-42         | 177 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.18    | 1.18  |                |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.18    | 1.18  |                |            |
| 28-42         | 512 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 3.41    | 3.41  |                |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 3.41    | 3.41  |                |            |
| 28-42         | 799 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   | 65             | .5         |
| > 42          |     | 8.34                              | 14.76 | 5.67  | 1.05   | .18     | .00     | .00     | .00     | .00     | .00   | .00     | 30.00 |                |            |
| TOTAL         |     | 8.34                              | 14.76 | 5.67  | 1.05   | .18     | .00     | .00     | .00     | .00     | .00   | .00     | 30.00 |                |            |

COUNTY: TOTAL

|       |      |       |      |      |     |     |     |     |     |     |     |         |         |    |  |
|-------|------|-------|------|------|-----|-----|-----|-----|-----|-----|-----|---------|---------|----|--|
| 28-42 | .00  | .00   | .00  | .00  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 134.89  | 134.89  | 65 |  |
| > 42  | 8.34 | 14.76 | 5.67 | 1.05 | .18 | .00 | .00 | .00 | .00 | .00 | .00 | 902.48  | 932.48  |    |  |
| TOTAL | 8.34 | 14.76 | 5.67 | 1.05 | .18 | .00 | .00 | .00 | .00 | .00 | .00 | 1037.37 | 1067.37 |    |  |

COUNTY: 107 ROUTT

|       |     |     |     |     |     |     |     |     |     |     |     |       |       |  |  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|--|--|
| 28-42 | 152 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 9.19  | 9.19  |  |  |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 57.70 | 57.70 |  |  |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 66.89 | 66.89 |  |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 107 ROUTT

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |     | UNKNOWN | TOTAL  | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|-----|---------|--------|---------------|------------|
|               |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |     |         |        |               |            |
| 28-42         | 153 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | 22.20   | 22.20  |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | 206.38  | 206.38 |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | 228.58  | 228.58 |               |            |
| 28-42         | 154 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .00     | .00    |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | 170.64  | 170.64 |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | 170.64  | 170.64 |               |            |
| 28-42         | 155 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .00     | .00    |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | 71.05   | 71.05  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | 71.05   | 71.05  |               |            |
| 28-42         | 178 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .00     | .00    | 6             | .5         |
| > 42          |     | 22.76                             | 40.25 | 13.44 | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .00     | 76.38  |               |            |
| TOTAL         |     | 22.76                             | 40.25 | 13.44 | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .00     | 76.38  |               |            |
| 28-42         | 179 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .94     | .94    |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | 55.39   | 55.39  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | 56.33   | 56.33  |               |            |
| 28-42         | 180 | .00                               | .03   | .05   | .07    | .14     | .06     | .00     | .00     | .00     | .00   | .00 | .00     | .37    | 7             | 1.1        |
| > 42          |     | .00                               | .66   | 1.17  | 1.64   | 3.20    | 1.31    | .00     | .00     | .00     | .00   | .00 | .00     | 8.06   |               |            |
| TOTAL         |     | .00                               | .69   | 1.22  | 1.75   | 3.34    | 1.37    | .00     | .00     | .00     | .00   | .00 | .00     | 8.43   |               |            |
| 28-42         | 181 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .00     | .00    |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | 17.20   | 17.20  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | 17.20   | 17.20  |               |            |
| 28-42         | 182 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .00     | .00    |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | 8.32    | 8.32   |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | 8.32    | 8.32   |               |            |
| 28-42         | 183 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .00     | .00    |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | 31.28   | 31.28  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | 31.28   | 31.28  |               |            |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 107 ROUTT

| THICK-<br>NESS | RFD | ≤ .4  | .5-.6  | .7-.8  | RESERVES BY SULFUR RANGE, PERCENT |         |         |         |         |         |       | UNKNOWN | TOTAL  | NO.OF<br>ANAL | AVG<br>S % |
|----------------|-----|-------|--------|--------|-----------------------------------|---------|---------|---------|---------|---------|-------|---------|--------|---------------|------------|
|                |     |       |        |        | .9-1.0                            | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |        |               |            |
| 28-42          | 184 | .00   | .00    | .00    | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .83     | .83    |               |            |
| > 42           |     | .00   | .00    | .00    | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | 30.69   | 30.69  |               |            |
| TOTAL          |     | .00   | .00    | .00    | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | 31.52   | 31.52  |               |            |
| 28-42          | 185 | .00   | .00    | .00    | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    |               |            |
| > 42           |     | .00   | .00    | .00    | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | 2.74    | 2.74   |               |            |
| TOTAL          |     | .00   | .00    | .00    | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | 2.74    | 2.74   |               |            |
| 28-42          | 186 | .00   | .00    | .00    | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | 5.70    | 5.70   |               |            |
| > 42           |     | .00   | .00    | .00    | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | 139.04  | 139.04 |               |            |
| TOTAL          |     | .00   | .00    | .00    | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | 144.74  | 144.74 |               |            |
| 28-42          | 187 | .00   | .00    | .00    | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | 11.90   | 11.90  |               |            |
| > 42           |     | .00   | .00    | .00    | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | 166.66  | 166.66 |               |            |
| TOTAL          |     | .00   | .00    | .00    | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | 178.56  | 178.56 |               |            |
| 28-42          | 188 | .00   | .00    | .00    | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    | 1             | .5         |
| > 42           |     | .00   | 154.61 | .00    | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 159.61 |               |            |
| TOTAL          |     | .00   | 154.61 | .00    | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 159.61 |               |            |
| 28-42          | 738 | .00   | .00    | .00    | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    | 7             | .5         |
| > 42           |     | .00   | 417.92 | 113.11 | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 531.04 |               |            |
| TOTAL          |     | .00   | 417.92 | 113.11 | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 531.04 |               |            |
| 28-42          | 750 | 1.26  | 3.50   | 2.54   | .63                               | .13     | .00     | .00     | .00     | .00     | .00   | .00     | 8.10   | 786           | .6         |
| > 42           |     | 91.23 | 253.24 | 183.64 | 46.20                             | 9.94    | .00     | .00     | .00     | .00     | .00   | .00     | 584.87 |               |            |
| TOTAL          |     | 92.49 | 256.74 | 186.18 | 46.83                             | 10.07   | .00     | .00     | .00     | .00     | .00   | .00     | 592.97 |               |            |
| 28-42          | 760 | .00   | .40    | .81    | 1.62                              | 8.10    | 16.82   | 15.30   | 6.38    | 1.21    | .00   | .00     | 50.68  | 335           | 1.9        |
| > 42           |     | .00   | .32    | .65    | 1.31                              | 6.57    | 13.64   | 12.40   | 5.17    | .98     | .00   | .00     | 41.09  |               |            |
| TOTAL          |     | .00   | .72    | 1.46   | 2.93                              | 14.67   | 30.46   | 27.70   | 11.55   | 2.19    | .00   | .00     | 91.77  |               |            |
| 28-42          | 799 | 9.14  | 12.31  | 19.24  | 21.55                             | 26.17   | 6.64    | 1.25    | .00     | .00     | .00   | .00     | 96.24  | 205           | .9         |
| > 42           |     | 16.56 | 22.32  | 34.88  | 39.07                             | 47.44   | 12.03   | 2.26    | .00     | .00     | .00   | .00     | 174.42 |               |            |
| TOTAL          |     | 25.70 | 34.63  | 54.12  | 60.62                             | 73.61   | 18.67   | 3.51    | .00     | .00     | .00   | .00     | 270.66 |               |            |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 107 ROUTT

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |         |        |        |         |         |         |         |         |       |         | UNKNOWN | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|---------|--------|--------|---------|---------|---------|---------|---------|-------|---------|---------|-------|---------------|------------|
|               |     | ≤ .4                              | .5-.6   | .7-.8  | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |         |       |               |            |
| COUNTY:       |     | TOTAL                             |         |        |        |         |         |         |         |         |       |         |         |       |               |            |
| 28-42         |     | 10.40                             | 16.24   | 22.64  | 23.87  | 34.54   | 23.52   | 16.55   | 6.38    | 1.21    | .00   | 50.76   | 206.15  | 1347  |               |            |
| > 42          |     | 130.55                            | 894.32  | 346.89 | 88.26  | 67.15   | 26.98   | 14.66   | 5.17    | .98     | .00   | 957.09  | 2532.56 |       |               |            |
| TOTAL         |     | 140.95                            | 910.56  | 369.53 | 112.13 | 101.69  | 50.50   | 31.21   | 11.55   | 2.19    | .00   | 1007.85 | 2738.71 |       |               |            |
| STATE TOTAL   |     |                                   |         |        |        |         |         |         |         |         |       |         |         |       |               |            |
| 28-42         |     | 58.81                             | 268.80  | 148.54 | 57.35  | 54.15   | 38.53   | 17.95   | 7.30    | 1.88    | 1.25  | 775.08  | 1430.25 | 4037  |               |            |
| > 42          |     | 404.60                            | 1729.85 | 804.32 | 234.13 | 217.71  | 83.40   | 56.73   | 37.13   | 25.17   | 46.06 | 4156.14 | 7795.87 |       |               |            |
| TOTAL         |     | 463.41                            | 1998.65 | 952.86 | 291.48 | 271.86  | 121.93  | 74.68   | 44.43   | 27.05   | 47.31 | 4931.22 | 9226.12 |       |               |            |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

190 IOWA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 007 APPANOOSE

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       | UNKNOWN | TOTAL | NO.OF<br>ANAL | AVG<br>S % |     |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|---------------|------------|-----|
|               |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |       |               |            |     |
| 28-42         | 484 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 157.27  | .00   | 157.43        | 74         | 5.1 |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   | .00           |            |     |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 157.27  | .00   | 157.43        |            |     |

COUNTY: TOTAL

|       |  |     |     |     |     |     |     |     |     |     |     |        |     |        |    |  |
|-------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|-----|--------|----|--|
| 28-42 |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 157.27 | .00 | 157.43 | 74 |  |
| > 42  |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00    | .00 | .00    |    |  |
| TOTAL |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 157.27 | .00 | 157.43 |    |  |

COUNTY: 015 BOONE

|       |     |     |     |     |     |     |     |     |     |     |     |       |       |       |   |     |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|-------|---|-----|
| 28-42 | 510 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | .03   | .03   |   |     |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | .00   | .00   |   |     |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | .03   | .03   |   |     |
| 28-42 | 548 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 44.48 | .00   | 44.44 | 7 | 8.9 |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 14.18 | .00   | 14.17 |   |     |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 58.66 | .00   | 58.61 |   |     |
| 28-42 | 549 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 12.96 | .00   | 12.99 | 6 | 5.3 |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 12.98 | .00   | 13.01 |   |     |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 25.94 | .00   | 26.00 |   |     |
| 28-42 | 550 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | 16.31 | 16.31 |   |     |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | 11.61 | 11.61 |   |     |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | 27.92 | 27.92 |   |     |
| 28-42 | 799 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | 2.97  | 2.97  |   |     |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | 5.11  | 5.11  |   |     |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | 8.08  | 8.08  |   |     |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

190 IOWA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 015 ROONE

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |         | TOTAL | NO.OF<br>ANAL | AVG<br>S % |  |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|---------------|------------|--|
|               |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 | UNKNOWN |       |               |            |  |
| COUNTY: TOTAL |     |                                   |       |       |        |         |         |         |         |         |       |         |       |               |            |  |
| 28-42         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 57.44   | 19.31 | 76.74         | 13         |  |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 27.16   | 16.72 | 43.90         |            |  |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 84.60   | 36.03 | 120.64        |            |  |

COUNTY: 029 CASS

|       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
| 28-42 | 442 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |  |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .37 | .37 |  |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .37 | .37 |  |

COUNTY: TOTAL

|       |  |     |     |     |     |     |     |     |     |     |     |     |     |     |  |
|-------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
| 28-42 |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |  |
| > 42  |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .37 | .37 |  |
| TOTAL |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .37 | .37 |  |

COUNTY: 049 DALLAS

|       |     |     |     |     |     |     |     |     |     |     |     |     |      |      |  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|--|
| 28-42 | 484 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00  | .00  |  |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .92  | .92  |  |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .92  | .92  |  |
| 28-42 | 485 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 1.75 | 1.75 |  |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00  | .00  |  |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 1.75 | 1.75 |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

190 IOWA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
 MILLION SHORT TONS

COUNTY: 049 DALLAS

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |         | TOTAL | NO. OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|----------------|------------|
|               |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 | UNKNOWN |       |                |            |
| 28-42         | 496 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .70     | .70   |                |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .70     | .70   |                |            |
| 28-42         | 510 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .24     | .24   |                |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.38    | 1.38  |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.62    | 1.62  |                |            |
| 28-42         | 530 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | 3.53  | .00     | 3.53  | 33             | 5.1        |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | 1.08  | .00     | 1.08  |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | 4.61  | .00     | 4.61  |                |            |
| 28-42         | 549 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.86    | 2.86  |                |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .55     | .55   |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 3.41    | 3.41  |                |            |
| 28-42         | 550 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | 15.07 | .00     | 15.04 | 13             | 5.0        |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | 11.55 | .00     | 11.53 |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | 26.62 | .00     | 26.57 |                |            |
| 28-42         | 799 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 8.52    | 8.52  |                |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.33    | 2.33  |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 10.85   | 10.85 |                |            |

COUNTY: TOTAL

|       |     |     |     |     |     |     |     |     |     |     |       |       |       |    |  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|-------|----|--|
| 28-42 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 18.60 | 14.07 | 32.64 | 46 |  |
| > 42  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 12.63 | 5.18  | 17.79 |    |  |
| TOTAL | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 31.23 | 19.25 | 50.43 |    |  |

COUNTY: 051 DAVIS

|       |     |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|--|
| 28-42 | 496 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .66 | .66 |  |  |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |  |  |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .66 | .66 |  |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

190 IOWA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 051 DAVIS

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |       | UNKNOWN | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|-------|---------|-------|---------------|------------|
|               |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |       |         |       |               |            |
| 28-42         | 529 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 8.74  | .00     | 8.76  | 2             | 5.7        |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 20.01 | .00     | 20.06 |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 28.75 | .00     | 28.82 |               |            |
| 28-42         | 539 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00   | 2.83    | 2.83  |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00   | 3.47    | 3.47  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00   | 6.30    | 6.30  |               |            |
| 28-42         | 799 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.83  | .00     | 1.83  | 1             | 8.6        |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00   | .00     | .00   |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.83  | .00     | 1.83  |               |            |

COUNTY: TOTAL

|       |     |     |     |     |     |     |     |     |     |     |       |      |       |   |  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|------|-------|---|--|
| 28-42 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 10.57 | 3.49 | 14.08 | 3 |  |
| > 42  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 20.01 | 3.47 | 23.53 |   |  |
| TOTAL | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 30.58 | 6.96 | 37.61 |   |  |

COUNTY: 053 DECATUR

|       |     |     |     |     |     |     |     |     |     |     |      |       |       |   |     |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-------|-------|---|-----|
| 28-42 | 492 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00  | 2.17  | 2.17  |   |     |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00  | 14.97 | 14.97 |   |     |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00  | 17.14 | 17.14 |   |     |
| 28-42 | 496 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00  | 2.06  | 2.06  |   |     |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00  | 8.11  | 8.11  |   |     |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00  | 10.17 | 10.17 |   |     |
| 28-42 | 799 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .04 | .18 | 1.11 | .00   | 1.35  | 5 | 3.5 |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .16 | .67 | 3.98 | .00   | 4.82  |   |     |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .20 | .85 | 5.09 | .00   | 6.17  |   |     |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

190 IOWA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 053 DECATUR

| THICK<br>NESS | BED   | ≤ .4 | .5-.6 | .7-.8 | RESERVES BY SULFUR RANGE, PERCENT |         |         |         |         |         |       | UNKNOWN | TOTAL | NO.OF<br>ANAL | AVG<br>S % |  |
|---------------|-------|------|-------|-------|-----------------------------------|---------|---------|---------|---------|---------|-------|---------|-------|---------------|------------|--|
|               |       |      |       |       | .9-1.0                            | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |       |               |            |  |
| COUNTY:       | TOTAL |      |       |       |                                   |         |         |         |         |         |       |         |       |               |            |  |
| 28-42         |       | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .04     | .18     | 1.11  | 4.23    | 5.58  | 5             |            |  |
| > 42          |       | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .16     | .67     | 3.98  | 23.08   | 27.90 |               |            |  |
| TOTAL         |       | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .20     | .85     | 5.09  | 27.31   | 33.48 |               |            |  |

COUNTY: 073 GREENE

|       |     |     |     |     |     |     |     |      |      |      |      |     |       |   |     |
|-------|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|-----|-------|---|-----|
| 28-42 | 799 | .05 | .03 | .04 | .05 | .17 | .28 | .44  | .62  | .78  | 3.28 | .00 | 5.79  | 3 | 3.1 |
| > 42  |     | .06 | .04 | .06 | .07 | .22 | .37 | .57  | .81  | 1.01 | 4.28 | .00 | 7.55  |   |     |
| TOTAL |     | .11 | .07 | .10 | .12 | .39 | .65 | 1.01 | 1.43 | 1.79 | 7.56 | .00 | 13.34 |   |     |

COUNTY: TOTAL

|       |  |     |     |     |     |     |     |      |      |      |      |     |       |   |  |
|-------|--|-----|-----|-----|-----|-----|-----|------|------|------|------|-----|-------|---|--|
| 28-42 |  | .05 | .03 | .04 | .05 | .17 | .28 | .44  | .62  | .78  | 3.28 | .00 | 5.79  | 3 |  |
| > 42  |  | .06 | .04 | .06 | .07 | .22 | .37 | .57  | .81  | 1.01 | 4.28 | .00 | 7.55  |   |  |
| TOTAL |  | .11 | .07 | .10 | .12 | .39 | .65 | 1.01 | 1.43 | 1.79 | 7.56 | .00 | 13.34 |   |  |

COUNTY: 077 GUTHRIE

|       |     |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|--|
| 28-42 | 496 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .58 | .58 |  |  |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |  |  |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .58 | .58 |  |  |
| 28-42 | 506 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .69 | .69 |  |  |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |  |  |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .69 | .69 |  |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

190 IOWA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 077 GUTHRIE

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |         | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|---------------|------------|
|               |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 | UNKNOWN |       |               |            |
| 28-42         | 510 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .92     | .92   |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .92     | .92   |               |            |
| 28-42         | 530 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.30    | 2.30  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.30    | 2.30  |               |            |
| 28-42         | 799 | .00                               | .00   | .00   | .00    | .00     | .01     | .01     | .02     | .02     | .10   | .00     | .21   | 3             | 2.2        |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .01     | .01     | .02     | .02     | .10   | .00     | .21   |               |            |

COUNTY: TOTAL

|       |     |     |     |     |     |     |     |     |     |     |      |      |   |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|---|
| 28-42 | .00 | .00 | .00 | .00 | .00 | .01 | .01 | .02 | .02 | .10 | 1.27 | 1.48 | 3 |
| > 42  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 3.22 | 3.22 |   |
| TOTAL | .00 | .00 | .00 | .00 | .00 | .01 | .01 | .02 | .02 | .10 | 4.49 | 4.70 |   |

COUNTY: 079 HAMILTON

|       |     |     |     |     |     |     |     |     |     |     |     |      |      |  |  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|--|--|
| 28-42 | 564 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 5.07 | 5.07 |  |  |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 3.44 | 3.44 |  |  |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 8.51 | 8.51 |  |  |

COUNTY: TOTAL

|       |     |     |     |     |     |     |     |     |     |     |     |      |      |  |  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|--|--|
| 28-42 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 5.07 | 5.07 |  |  |
| > 42  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 3.44 | 3.44 |  |  |
| TOTAL | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 8.51 | 8.51 |  |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

190 IOWA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 083 HARDIN

| THICK<br>NESS | BED | ≤ .4 | .5-.6 | .7-.8 | RESERVES BY SULFUR RANGE, PERCENT |         |         |         |         |         |       | UNKNOWN | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|------|-------|-------|-----------------------------------|---------|---------|---------|---------|---------|-------|---------|-------|---------------|------------|
|               |     |      |       |       | .9-1.0                            | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |       |               |            |
| 28-42         | 794 | .05  | .04   | .06   | .04                               | .24     | .30     | .26     | .16     | .08     | .05   | .00     | 1.38  | 3             | 1.2        |
| > 42          |     | .12  | .10   | .15   | .20                               | .57     | .70     | .61     | .39     | .20     | .12   | .00     | 3.22  |               |            |
| TOTAL         |     | .17  | .14   | .21   | .24                               | .81     | 1.00    | .87     | .55     | .28     | .17   | .00     | 4.60  |               |            |

COUNTY: TOTAL

|       |  |     |     |     |     |     |      |     |     |     |     |     |      |   |  |
|-------|--|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|------|---|--|
| 28-42 |  | .05 | .04 | .06 | .08 | .24 | .30  | .26 | .16 | .08 | .05 | .00 | 1.38 | 3 |  |
| > 42  |  | .12 | .10 | .15 | .20 | .57 | .70  | .61 | .39 | .20 | .12 | .00 | 3.22 |   |  |
| TOTAL |  | .17 | .14 | .21 | .24 | .81 | 1.00 | .87 | .55 | .28 | .17 | .00 | 4.60 |   |  |

COUNTY: 087 HENRY

|       |     |     |     |     |     |     |     |     |     |     |     |      |      |  |  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|--|--|
| 28-42 | 529 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .52  | .52  |  |  |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .48  | .48  |  |  |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 1.00 | 1.00 |  |  |
| 28-42 | 539 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00  | .00  |  |  |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .23  | .23  |  |  |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .23  | .23  |  |  |

COUNTY: TOTAL

|       |  |     |     |     |     |     |     |     |     |     |     |      |      |  |  |
|-------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|--|--|
| 28-42 |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .52  | .52  |  |  |
| > 42  |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .71  | .71  |  |  |
| TOTAL |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 1.23 | 1.23 |  |  |

COUNTY: 099 JASPER

|       |     |     |     |     |     |     |     |     |     |     |     |      |      |  |  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|--|--|
| 28-42 | 510 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 3.58 | 3.58 |  |  |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 3.89 | 3.89 |  |  |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 7.47 | 7.47 |  |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

190 IOWA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 099 JASPER

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |      | UNKNOWN | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|------|---------|-------|---------------|------------|
|               |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |      |         |       |               |            |
| 28-42         | 517 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .93  | .93     |       |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 4.25 | 4.25    |       |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 5.18 | 5.18    |       |               |            |
| 28-42         | 530 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | 23.06 | .00  | 23.09   | 5     | 4.1           |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | 22.99 | .00  | 23.02   |       |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | 46.05 | .00  | 46.11   |       |               |            |
| 28-42         | 548 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.18 | 2.18    |       |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .21  | .21     |       |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.39 | 2.39    |       |               |            |
| 28-42         | 799 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | 7.83  | .00  | 7.83    | 31    | 5.8           |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | 16.34 | .00  | 16.34   |       |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | 24.17 | .00  | 24.17   |       |               |            |

COUNTY: TOTAL

|       |     |     |     |     |     |     |     |     |     |     |       |       |       |    |  |  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|-------|----|--|--|
| 28-42 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 30.89 | 6.69  | 37.61 | 36 |  |  |
| > 42  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 39.33 | 8.35  | 47.71 |    |  |  |
| TOTAL | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 70.22 | 15.04 | 85.32 |    |  |  |

COUNTY: 101 JEFFERSON

|       |     |     |     |     |     |     |     |     |     |     |     |       |       |  |  |  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|--|--|--|
| 28-42 | 529 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 28.07 | 28.07 |  |  |  |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 20.19 | 20.19 |  |  |  |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 48.26 | 48.26 |  |  |  |
| 28-42 | 539 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .61   | .61   |  |  |  |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | .00   |  |  |  |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .61   | .61   |  |  |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

190 IOWA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
 THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
 MILLION SHORT TONS

COUNTY: 101 JEFFERSON

| THICK<br>NESS | RED | ≤ .4  | .5-.6 | .7-.8 | RESERVES BY SULFUR RANGE, PERCENT |         |         |         |         |         |       | UNKNOWN | TOTAL | NO.OF<br>ANAL | AVG<br>S % |  |
|---------------|-----|-------|-------|-------|-----------------------------------|---------|---------|---------|---------|---------|-------|---------|-------|---------------|------------|--|
|               |     |       |       |       | .9-1.0                            | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |       |               |            |  |
| COUNTY:       |     | TOTAL |       |       |                                   |         |         |         |         |         |       |         |       |               |            |  |
| 28-42         |     | .00   | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 28.68 | 28.68         |            |  |
| > 42          |     | .00   | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 20.19 | 20.19         |            |  |
| TOTAL         |     | .00   | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 48.87 | 48.87         |            |  |

COUNTY: 107 KEOKUK

|       |     |     |     |     |     |     |     |     |     |     |       |     |       |   |     |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----|-------|---|-----|
| 28-42 | 539 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .98   | .00 | .98   | 5 | 7.8 |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 76.71 | .00 | 76.56 |   |     |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 77.69 | .00 | 77.54 |   |     |

COUNTY: TOTAL

|       |  |     |     |     |     |     |     |     |     |     |       |     |       |   |  |
|-------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----|-------|---|--|
| 28-42 |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .98   | .00 | .98   | 5 |  |
| > 42  |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 76.71 | .00 | 76.56 |   |  |
| TOTAL |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 77.69 | .00 | 77.54 |   |  |

COUNTY: 111 LEE

|       |     |     |     |     |     |     |     |     |     |     |     |      |      |  |  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|--|--|
| 28-42 | 799 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 2.00 | 2.00 |  |  |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .71  | .71  |  |  |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 2.71 | 2.71 |  |  |

COUNTY: TOTAL

|       |  |     |     |     |     |     |     |     |     |     |     |      |      |  |  |
|-------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|--|--|
| 28-42 |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 2.00 | 2.00 |  |  |
| > 42  |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .71  | .71  |  |  |
| TOTAL |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 2.71 | 2.71 |  |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

190 IOWA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
 MILLION SHORT TONS

COUNTY: 117 LUCAS

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |        |         | TOTAL  | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|--------|---------|--------|---------------|------------|
|               |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0  | UNKNOWN |        |               |            |
| 28-42         | 495 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00    | 2.30    | 2.30   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00    | .00     | .00    |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00    | 2.30    | 2.30   |               |            |
| 28-42         | 496 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00    | 2.86    | 2.86   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00    | .00     | .00    |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00    | 2.86    | 2.86   |               |            |
| 28-42         | 506 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00    | 1.87    | 1.87   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00    | .00     | .00    |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00    | 1.87    | 1.87   |               |            |
| 28-42         | 517 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00    | 11.73   | 11.73  |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00    | .00     | .00    |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00    | 11.73   | 11.73  |               |            |
| 28-42         | 530 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .17     | 14.43  | .00     | 14.60  | 31            | 4.7        |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | 1.21    | 99.90  | .00     | 101.02 |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | 1.38    | 114.33 | .00     | 115.62 |               |            |

COUNTY: TOTAL

|       |     |     |     |     |     |     |     |     |      |        |       |        |    |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|------|--------|-------|--------|----|
| 28-42 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .17  | 14.43  | 18.76 | 33.36  | 31 |
| > 42  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 1.21 | 99.90  | .00   | 101.02 |    |
| TOTAL | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 1.38 | 114.33 | 18.76 | 134.38 |    |

COUNTY: 123 MAHARSA

|       |     |     |     |     |     |     |     |     |     |     |     |      |      |  |  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|--|--|
| 28-42 | 529 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00  | .00  |  |  |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 4.21 | 4.21 |  |  |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 4.21 | 4.21 |  |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

190 IOWA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
 MILLION SHORT TONS

COUNTY: 123 MAHASKA

| THICK-<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |        |     | UNKNOWN | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|----------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|--------|-----|---------|-------|---------------|------------|
|                |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0  |     |         |       |               |            |
| 28-42          | 530 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | 2.78    | 32.00  | .00 | 34.79   | 9     | 4.0           |            |
| > 42           |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | 21.14   | 243.12 | .00 | 264.27  |       |               |            |
| TOTAL          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | 23.92   | 275.12 | .00 | 299.06  |       |               |            |
| 28-42          | 548 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | 10.77  | .00 | 10.75   | 10    | 6.2           |            |
| > 42           |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | 11.34  | .00 | 11.32   |       |               |            |
| TOTAL          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | 22.11  | .00 | 22.07   |       |               |            |

COUNTY: TOTAL

|       |     |     |     |     |     |     |     |     |     |       |        |      |        |    |  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|--------|------|--------|----|--|
| 28-42 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 2.78  | 42.77  | .00  | 45.54  | 19 |  |
| > 42  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 21.14 | 254.46 | 4.21 | 279.80 |    |  |
| TOTAL | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 23.92 | 297.23 | 4.21 | 325.34 |    |  |

COUNTY: 125 MARION

|       |     |     |     |     |     |     |     |     |     |     |        |       |        |     |     |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|-------|--------|-----|-----|
| 28-42 | 517 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00    | 2.11  | 2.11   |     |     |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00    | .77   | .77    |     |     |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00    | 2.88  | 2.88   |     |     |
| 28-42 | 530 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 102.96 | .00   | 103.27 | 437 | 5.8 |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 258.12 | .00   | 258.90 |     |     |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 361.08 | .00   | 362.17 |     |     |
| 28-42 | 548 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00    | 5.72  | 5.72   |     |     |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00    | 16.04 | 16.04  |     |     |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00    | 21.76 | 21.76  |     |     |
| 28-42 | 794 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .01 | 8.68   | .00   | 8.72   | 97  | 6.1 |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 2.79   | .00   | 2.81   |     |     |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .01 | 11.47  | .00   | 11.53  |     |     |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

190 IOWA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 125 MARION

| THICK<br>NESS | BED | ≤ .4 | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0  | UNKNOWN | TOTAL  | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|------|-------|-------|--------|---------|---------|---------|---------|---------|--------|---------|--------|---------------|------------|
| COUNTY: TOTAL |     |      |       |       |        |         |         |         |         |         |        |         |        |               |            |
| 28-42         |     | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .01     | 111.64 | 7.83    | 119.82 | 534           |            |
| > 42          |     | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | 260.91 | 16.81   | 278.52 |               |            |
| TOTAL         |     | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .01     | 372.55 | 24.64   | 398.34 |               |            |

COUNTY: 127 MARSHALL

|       |     |     |     |     |     |     |     |     |     |     |     |      |      |  |  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|--|--|
| 28-42 | 550 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .83  | .83  |  |  |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .34  | .34  |  |  |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 1.17 | 1.17 |  |  |
| 28-42 | 799 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 2.00 | 2.00 |  |  |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00  | .00  |  |  |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 2.00 | 2.00 |  |  |

COUNTY: TOTAL

|       |  |     |     |     |     |     |     |     |     |     |     |      |      |  |  |
|-------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|--|--|
| 28-42 |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 2.83 | 2.83 |  |  |
| > 42  |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .34  | .34  |  |  |
| TOTAL |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 3.17 | 3.17 |  |  |

COUNTY: 135 MONROE

|       |     |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|--|
| 28-42 | 496 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .69 | .69 |  |  |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |  |  |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .69 | .69 |  |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

190 IOWA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 135 MONROE

| THICK-<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |        |         | TOTAL  | NO.OF<br>ANAL | AVG<br>S % |
|----------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|--------|---------|--------|---------------|------------|
|                |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0  | UNKNOWN |        |               |            |
| 28-42          | 517 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .19     | .29     | 4.10   | .00     | 4.58   | 8             | 3.5        |
| > 42           |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00    | .00     | .00    |               |            |
| TOTAL          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .19     | .29     | 4.10   | .00     | 4.58   |               |            |
| 28-42          | 530 | .00                               | .00   | .00   | .00    | .00     | .00     | 9.72    | 12.87   | 15.20   | 63.54  | .00     | 101.35 | 66            | 3.3        |
| > 42           |     | .00                               | .00   | .00   | .00    | .00     | .00     | 39.19   | 51.85   | 61.24   | 256.01 | .00     | 408.32 |               |            |
| TOTAL          |     | .00                               | .00   | .00   | .00    | .00     | .00     | 48.91   | 64.72   | 76.44   | 319.55 | .00     | 509.67 |               |            |
| 28-42          | 548 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | 3.73   | .00     | 3.73   | 9             | 6.2        |
| > 42           |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00    | .00     | .00    |               |            |
| TOTAL          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | 3.73   | .00     | 3.73   |               |            |

COUNTY: TOTAL

|       |     |     |     |     |     |     |     |       |       |       |        |     |        |    |  |
|-------|-----|-----|-----|-----|-----|-----|-----|-------|-------|-------|--------|-----|--------|----|--|
| 28-42 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 9.72  | 13.06 | 15.49 | 71.37  | .69 | 110.35 | 83 |  |
| > 42  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 39.19 | 51.85 | 61.24 | 256.01 | .00 | 408.32 |    |  |
| TOTAL | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 48.91 | 64.91 | 76.73 | 327.38 | .69 | 518.67 |    |  |

COUNTY: 139 MUSCATINE

|       |     |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|--|
| 28-42 | 529 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .07 | .07 |  |  |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |  |  |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .07 | .07 |  |  |

COUNTY: TOTAL

|       |     |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|--|
| 28-42 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .07 | .07 |  |  |
| > 42  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |  |  |
| TOTAL | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .07 | .07 |  |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

190 IOWA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 153 POLK

| THICK-<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |        |       | UNKNOWN | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|----------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|--------|-------|---------|-------|---------------|------------|
|                |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0  |       |         |       |               |            |
| 28-42          | 510 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00    | 3.06  | 3.06    |       |               |            |
| > 42           |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00    | 6.99  | 6.99    |       |               |            |
| TOTAL          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00    | 10.05 | 10.05   |       |               |            |
| 28-42          | 517 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00    | 4.24  | 4.24    |       |               |            |
| > 42           |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00    | 14.11 | 14.11   |       |               |            |
| TOTAL          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00    | 18.35 | 18.35   |       |               |            |
| 28-42          | 530 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | 16.99  | .00   | 16.94   | 82    | 6.8           |            |
| > 42           |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | 24.81  | .00   | 24.74   |       |               |            |
| TOTAL          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | 41.80  | .00   | 41.68   |       |               |            |
| 28-42          | 548 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | 17.03  | .00   | 17.03   | 1     | 5.0           |            |
| > 42           |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | 33.37  | .00   | 33.37   |       |               |            |
| TOTAL          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | 50.40  | .00   | 50.40   |       |               |            |
| 28-42          | 549 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00    | 41.69 | 41.69   |       |               |            |
| > 42           |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00    | 48.05 | 48.05   |       |               |            |
| TOTAL          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00    | 89.74 | 89.74   |       |               |            |
| 28-42          | 550 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | 94.20  | .00   | 94.30   | 28    | 6.3           |            |
| > 42           |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | 188.02 | .00   | 188.21  |       |               |            |
| TOTAL          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | 282.22 | .00   | 282.51  |       |               |            |

COUNTY: TOTAL

|       |     |     |     |     |     |     |     |     |     |     |        |        |        |     |  |  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|--------|--------|-----|--|--|
| 28-42 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 128.22 | 48.99  | 177.26 | 111 |  |  |
| > 42  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 246.20 | 69.15  | 315.47 |     |  |  |
| TOTAL | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 374.42 | 118.14 | 492.73 |     |  |  |

COUNTY: 163 SCOTT

|       |     |     |     |     |     |     |     |     |     |     |      |     |      |   |     |  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|------|---|-----|--|
| 28-42 | 529 | .06 | .03 | .04 | .04 | .10 | .11 | .13 | .14 | .15 | .84  | .00 | 1.68 | 5 | 3.0 |  |
| > 42  |     | .02 | .01 | .01 | .01 | .03 | .04 | .04 | .04 | .05 | .28  | .00 | .57  |   |     |  |
| TOTAL |     | .08 | .04 | .05 | .05 | .13 | .15 | .17 | .18 | .20 | 1.12 | .00 | 2.25 |   |     |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

190 IOWA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 163 SCOTT

| THICK<br>NESS | BED   | ≤ .4 | .5-.6 | .7-.8 | RESERVES BY SULFUR RANGE, PERCENT |         |         |         |         |         |      | > 3.0 | UNKNOWN | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-------|------|-------|-------|-----------------------------------|---------|---------|---------|---------|---------|------|-------|---------|-------|---------------|------------|
|               |       |      |       |       | .9-1.0                            | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 |      |       |         |       |               |            |
| COUNTY:       | TOTAL |      |       |       |                                   |         |         |         |         |         |      |       |         |       |               |            |
| 28-42         |       | .06  | .03   | .04   | .04                               | .10     | .11     | .13     | .14     | .15     | .84  | .00   |         | 1.68  | 5             |            |
| > 42          |       | .02  | .01   | .01   | .01                               | .03     | .04     | .04     | .04     | .05     | .28  | .00   |         | 1.57  |               |            |
| TOTAL         |       | .08  | .04   | .05   | .05                               | .13     | .15     | .17     | .18     | .20     | 1.12 | .00   |         | 2.25  |               |            |

COUNTY: 169 STORY

|       |     |     |     |     |     |     |     |     |     |     |     |       |       |  |  |  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|--|--|--|
| 28-42 | 510 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .04   | .04   |  |  |  |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 2.94  | 2.94  |  |  |  |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 2.98  | 2.98  |  |  |  |
| 28-42 | 548 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .24   | .24   |  |  |  |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 4.31  | 4.31  |  |  |  |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 4.55  | 4.55  |  |  |  |
| 28-42 | 549 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .18   | .18   |  |  |  |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 1.15  | 1.15  |  |  |  |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 1.33  | 1.33  |  |  |  |
| 28-42 | 550 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 1.72  | 1.72  |  |  |  |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 6.07  | 6.07  |  |  |  |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 7.79  | 7.79  |  |  |  |
| 28-42 | 799 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 3.64  | 3.64  |  |  |  |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 13.68 | 13.68 |  |  |  |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 17.32 | 17.32 |  |  |  |

COUNTY: TOTAL

|       |  |     |     |     |     |     |     |     |     |     |     |       |       |  |  |  |
|-------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|--|--|--|
| 28-42 |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 5.82  | 5.82  |  |  |  |
| > 42  |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 28.15 | 28.15 |  |  |  |
| TOTAL |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 33.97 | 33.97 |  |  |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

190 IOWA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 177 VAN BUREN

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |       | UNKNOWN | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|-------|---------|-------|---------------|------------|
|               |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |       |         |       |               |            |
| 28-42         | 517 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .42   | .42     |       |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00   | .00     |       |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .42   | .42     |       |               |            |
| 28-42         | 529 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 19.94 | 19.94   |       |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 15.17 | 15.17   |       |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 35.11 | 35.11   |       |               |            |
| 28-42         | 530 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .81   | .81     |       |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .64   | .64     |       |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.45  | 1.45    |       |               |            |
| 28-42         | 799 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | 5.70  | .00   | 5.71    | 3     | 7.1           |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | 6.03  | .00   | 6.04    |       |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | 11.73 | .00   | 11.75   |       |               |            |

COUNTY: TOTAL

|       |     |     |     |     |     |     |     |     |     |     |       |       |       |   |  |  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|-------|---|--|--|
| 28-42 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 5.70  | 21.17 | 26.88 | 3 |  |  |
| > 42  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 6.03  | 15.81 | 21.85 |   |  |  |
| TOTAL | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 11.73 | 36.98 | 48.73 |   |  |  |

COUNTY: 179 WAPELLO

|       |     |     |     |     |     |     |     |     |     |     |       |       |       |   |     |  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|-------|---|-----|--|
| 28-42 | 517 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | 23.84 | 23.84 |   |     |  |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | 60.96 | 60.96 |   |     |  |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | 84.80 | 84.80 |   |     |  |
| 28-42 | 529 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 8.94  | .00   | 8.94  | 1 | 5.3 |  |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 5.62  | .00   | 5.62  |   |     |  |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 14.56 | .00   | 14.56 |   |     |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

190 IOWA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 179 WAPELLO

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |         | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|---------------|------------|
|               |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 | UNKNOWN |       |               |            |
| 28-42         | 530 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 3.51    | 3.51  |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 27.52   | 27.52 |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 31.03   | 31.03 |               |            |
| 28-42         | 539 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | 7.42  | .00     | 7.42  | 2             | 5.6        |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | 10.33 | .00     | 10.33 |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | 17.75 | .00     | 17.75 |               |            |
| 28-42         | 799 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .81   | .00     | .81   | 9             | 5.9        |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .81   | .00     | .81   |               |            |

COUNTY: TOTAL

|       |  |     |     |     |     |     |     |     |     |     |       |        |        |    |  |
|-------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|--------|--------|----|--|
| 28-42 |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 17.17 | 27.35  | 44.52  | 12 |  |
| > 42  |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 15.95 | 88.48  | 104.43 |    |  |
| TOTAL |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 33.12 | 115.83 | 148.95 |    |  |

COUNTY: 181 WARREN

|       |     |     |     |     |     |     |     |     |     |     |     |       |       |  |  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|--|--|
| 28-42 | 495 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 6.29  | 6.29  |  |  |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | .00   |  |  |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 6.29  | 6.29  |  |  |
| 28-42 | 506 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .98   | .98   |  |  |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | .00   |  |  |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .98   | .98   |  |  |
| 28-42 | 510 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 14.00 | 14.00 |  |  |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .67   | .67   |  |  |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 14.67 | 14.67 |  |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

190 IOWA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 181 WARREN

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |       | UNKNOWN | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|-------|---------|-------|---------------|------------|
|               |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |       |         |       |               |            |
| 28-42         | 530 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 51.00 | .00     | 51.06 | 41            | 4.9        |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 13.19 | .00     | 13.21 |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 64.19 | .00     | 64.27 |               |            |
| 28-42         | 799 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .17   | .00     | .17   | 2             | 4.2        |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.15  | .00     | 1.15  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.32  | .00     | 1.32  |               |            |

COUNTY: TOTAL

|       |     |     |     |     |     |     |     |     |     |     |       |       |       |    |  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|-------|----|--|
| 28-42 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 51.17 | 21.27 | 72.50 | 43 |  |
| > 42  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 14.34 | .67   | 15.03 |    |  |
| TOTAL | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 65.51 | 21.94 | 87.53 |    |  |

COUNTY: 187 WEBSTER

|       |     |     |     |     |     |     |     |     |     |     |       |     |       |   |     |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----|-------|---|-----|
| 28-42 | 564 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 2.41  | .00 | 2.41  | 1 | 6.1 |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .29   | .00 | .29   |   |     |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 2.70  | .00 | 2.70  |   |     |
| 28-42 | 566 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 12.71 | .00 | 12.71 | 1 | 5.8 |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 11.08 | .00 | 11.08 |   |     |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 23.79 | .00 | 23.79 |   |     |
| 28-42 | 567 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 10.79 | .00 | 10.79 | 1 | 7.5 |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 6.67  | .00 | 6.67  |   |     |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 17.46 | .00 | 17.46 |   |     |

COUNTY: TOTAL

|       |     |     |     |     |     |     |     |     |     |     |       |     |       |   |  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----|-------|---|--|
| 28-42 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 25.91 | .00 | 25.91 | 3 |  |
| > 42  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 18.04 | .00 | 18.04 |   |  |
| TOTAL | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 43.95 | .00 | 43.95 |   |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

190 IOWA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |         |         | TOTAL   | NO.OF<br>ANAL | AVG<br>S % |  |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------------|------------|--|
|               |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0   | UNKNOWN |         |               |            |  |
| STATE TOTAL   |     |                                   |       |       |        |         |         |         |         |         |         |         |         |               |            |  |
| 28-42         |     | .16                               | .10   | .14   | .17    | .51     | .70     | 10.56   | 14.04   | 19.66   | 749.51  | 240.11  | 1036.52 | 1035          |            |  |
| > 42          |     | .20                               | .15   | .22   | .28    | .82     | 1.11    | 40.41   | 53.25   | 85.52   | 1356.34 | 309.06  | 1848.34 |               |            |  |
| TOTAL         |     | .36                               | .25   | .36   | .45    | 1.33    | 1.81    | 50.97   | 67.29   | 105.18  | 2105.85 | 549.17  | 2884.86 |               |            |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

290 MISSOURI

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 001 ADAIR

| THICK<br>NESS | RFD | ≤ .4 | .5-.6 | .7-.8 | RESERVES BY SULFUR RANGE, PERCENT |         |         |         |         |         |        | UNKNOWN | TOTAL  | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|------|-------|-------|-----------------------------------|---------|---------|---------|---------|---------|--------|---------|--------|---------------|------------|
|               |     |      |       |       | .9-1.0                            | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0  |         |        |               |            |
| 28-42         | 484 | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | 43.98  | .00     | 43.94  | 3             | 4.3        |
| > 42          |     | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00    | .00     | .00    |               |            |
| TOTAL         |     | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | 43.98  | .00     | 43.94  |               |            |
| 28-42         | 492 | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | 438.74 | .00     | 438.31 | 33            | 5.1        |
| > 42          |     | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00    | .00     | .00    |               |            |
| TOTAL         |     | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | 438.74 | .00     | 438.31 |               |            |

COUNTY: TOTAL

|       |  |     |     |     |     |     |     |     |     |     |        |     |        |    |  |
|-------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|-----|--------|----|--|
| 28-42 |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 482.72 | .00 | 482.25 | 36 |  |
| > 42  |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00    | .00 | .00    |    |  |
| TOTAL |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 482.72 | .00 | 482.25 |    |  |

COUNTY: 007 AUDRAIN

|       |     |     |     |     |     |     |     |     |     |     |        |     |        |   |     |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|-----|--------|---|-----|
| 28-42 | 490 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 469.26 | .00 | 469.73 | 5 | 5.5 |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00    | .00 | .00    |   |     |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 469.26 | .00 | 469.73 |   |     |

COUNTY: TOTAL

|       |  |     |     |     |     |     |     |     |     |     |        |     |        |   |  |
|-------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|-----|--------|---|--|
| 28-42 |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 469.26 | .00 | 469.73 | 5 |  |
| > 42  |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00    | .00 | .00    |   |  |
| TOTAL |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 469.26 | .00 | 469.73 |   |  |

COUNTY: 011 BARTON

|       |     |     |     |     |     |      |      |      |      |      |       |     |        |    |     |
|-------|-----|-----|-----|-----|-----|------|------|------|------|------|-------|-----|--------|----|-----|
| 28-42 | 513 | .00 | .00 | .00 | .00 | 1.96 | 2.95 | 4.48 | 6.45 | 8.63 | 84.97 | .00 | 109.36 | 43 | 4.3 |
| > 42  |     | .00 | .00 | .00 | .00 | .00  | .00  | .00  | .00  | .00  | .00   | .00 | .00    |    |     |
| TOTAL |     | .00 | .00 | .00 | .00 | 1.96 | 2.95 | 4.48 | 6.45 | 8.63 | 84.97 | .00 | 109.36 |    |     |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

290 MISSOURI

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 011 BARTON

| THICK<br>NESS | BED   | ≤ .4 | .5-.6 | .7-.8 | RESERVES BY SULFUR RANGE, PERCENT |         |         |         |         |         |       | UNKNOWN | TOTAL  | NO.OF<br>ANAL | AVG<br>S % |  |
|---------------|-------|------|-------|-------|-----------------------------------|---------|---------|---------|---------|---------|-------|---------|--------|---------------|------------|--|
|               |       |      |       |       | .9-1.0                            | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |        |               |            |  |
| COUNTY:       | TOTAL |      |       |       |                                   |         |         |         |         |         |       |         |        |               |            |  |
| 28-42         |       | .00  | .00   | .00   | .00                               | 1.96    | 2.95    | 4.48    | 6.45    | 8.63    | 84.97 | .00     | 109.36 | 43            |            |  |
| > 42          |       | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    |               |            |  |
| TOTAL         |       | .00  | .00   | .00   | .00                               | 1.96    | 2.95    | 4.48    | 6.45    | 8.63    | 84.97 | .00     | 109.36 |               |            |  |

COUNTY: 013 BATES

|       |     |     |     |     |     |      |      |      |       |       |        |     |        |    |     |
|-------|-----|-----|-----|-----|-----|------|------|------|-------|-------|--------|-----|--------|----|-----|
| 28-42 | 482 | .00 | .00 | .00 | .00 | .00  | .00  | 2.25 | 17.72 | 49.33 | 43.46  | .00 | 112.89 | 61 | 3.0 |
| > 42  |     | .00 | .00 | .00 | .00 | .00  | .00  | .00  | .00   | .00   | .00    | .00 | .00    |    |     |
| TOTAL |     | .00 | .00 | .00 | .00 | .00  | .00  | 2.25 | 17.72 | 49.33 | 43.46  | .00 | 112.89 |    |     |
| 28-42 | 504 | .00 | .00 | .00 | .00 | .78  | 1.99 | 2.56 | 3.28  | 4.06  | 58.60  | .00 | 71.38  | 12 | 4.9 |
| > 42  |     | .00 | .00 | .00 | .00 | 1.18 | 3.02 | 3.88 | 4.96  | 6.15  | 88.66  | .00 | 108.00 |    |     |
| TOTAL |     | .00 | .00 | .00 | .00 | 1.96 | 5.01 | 6.44 | 8.24  | 10.21 | 147.26 | .00 | 179.38 |    |     |

COUNTY: TOTAL

|       |  |     |     |     |     |      |      |      |       |       |        |     |        |    |
|-------|--|-----|-----|-----|-----|------|------|------|-------|-------|--------|-----|--------|----|
| 28-42 |  | .00 | .00 | .00 | .00 | .78  | 1.99 | 4.81 | 21.00 | 53.39 | 102.06 | .00 | 184.27 | 73 |
| > 42  |  | .00 | .00 | .00 | .00 | 1.18 | 3.02 | 3.88 | 4.96  | 6.15  | 88.66  | .00 | 108.00 |    |
| TOTAL |  | .00 | .00 | .00 | .00 | 1.96 | 5.01 | 8.69 | 25.96 | 59.54 | 190.72 | .00 | 292.27 |    |

COUNTY: 019 BOONE

|       |     |     |     |     |     |     |     |     |     |     |     |       |       |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|
| 28-42 | 492 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 60.71 | 60.71 |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | .00   |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 60.71 | 60.71 |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

290 MISSOURI

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
 RED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
 MILLION SHORT TONS

COUNTY: 019 BOONE

| THICK<br>NESS | RED   | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       | UNKNOWN | TOTAL | NO. OF<br>ANAL | AVG<br>S % |
|---------------|-------|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|----------------|------------|
|               |       | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |       |                |            |
| COUNTY:       | TOTAL |                                   |       |       |        |         |         |         |         |         |       |         |       |                |            |
| 28-42         |       | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 60.71   | 60.71 |                |            |
| > 42          |       | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |                |            |
| TOTAL         |       | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 60.71   | 60.71 |                |            |

COUNTY: 025 CALDWELL

|       |     |     |     |     |     |     |     |     |     |     |     |        |        |  |  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|--------|--|--|
| 28-42 | 484 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 128.60 | 128.60 |  |  |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00    | .00    |  |  |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 128.60 | 128.60 |  |  |

COUNTY: TOTAL

|       |  |     |     |     |     |     |     |     |     |     |     |        |        |  |  |
|-------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|--------|--|--|
| 28-42 |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 128.60 | 128.60 |  |  |
| > 42  |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00    | .00    |  |  |
| TOTAL |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 128.60 | 128.60 |  |  |

COUNTY: 027 CALLAWAY

|       |     |     |     |     |     |     |     |     |     |     |        |     |        |   |     |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|-----|--------|---|-----|
| 28-42 | 492 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 163.86 | .00 | 163.86 | 8 | 6.0 |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00    | .00 | .00    |   |     |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 163.86 | .00 | 163.86 |   |     |

COUNTY: TOTAL

|       |  |     |     |     |     |     |     |     |     |     |        |     |        |   |  |
|-------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|-----|--------|---|--|
| 28-42 |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 163.86 | .00 | 163.86 | 8 |  |
| > 42  |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00    | .00 | .00    |   |  |
| TOTAL |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 163.86 | .00 | 163.86 |   |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

290 MISSOURI

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
 MILLION SHORT TONS

COUNTY: 037 CASS

| THICK<br>NESS | BED | ≤ .4 | .5-.6 | .7-.8 | RESERVES BY SULFUR RANGE, PERCENT |         |         |         |         |         |       | UNKNOWN | TOTAL | NO. OF<br>ANAL | AVG<br>S % |  |
|---------------|-----|------|-------|-------|-----------------------------------|---------|---------|---------|---------|---------|-------|---------|-------|----------------|------------|--|
|               |     |      |       |       | .9-1.0                            | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |       |                |            |  |
| 28-42         | 509 | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 72.86 | 72.86          |            |  |
| > 42          |     | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   | .00            |            |  |
| TOTAL         |     | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 72.86 | 72.86          |            |  |

COUNTY: TOTAL

|       |  |     |     |     |     |     |     |     |     |     |     |     |       |       |  |  |
|-------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|--|--|
| 28-42 |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 72.86 | 72.86 |  |  |
| > 42  |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | .00   |  |  |
| TOTAL |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 72.86 | 72.86 |  |  |

COUNTY: 041 CHARITON

|       |     |     |     |     |     |     |     |     |     |     |     |     |       |       |  |  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|--|--|
| 28-42 | 492 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 3.70  | 3.70  |  |  |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | .00   |  |  |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 3.70  | 3.70  |  |  |
| 28-42 | 496 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 60.12 | 60.12 |  |  |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | .00   |  |  |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 60.12 | 60.12 |  |  |

COUNTY: TOTAL

|       |  |     |     |     |     |     |     |     |     |     |     |     |       |       |  |  |
|-------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|--|--|
| 28-42 |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 63.82 | 63.82 |  |  |
| > 42  |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | .00   |  |  |
| TOTAL |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 63.82 | 63.82 |  |  |

COUNTY: 047 CLAY

|       |     |     |     |     |     |     |     |     |     |     |       |     |       |     |     |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----|-------|-----|-----|
| 28-42 | 484 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 32.38 | .00 | 32.42 | 147 | 4.1 |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | .00 | .00   |     |     |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 32.38 | .00 | 32.42 |     |     |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

290 MISSOURI

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 047 CLAY

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |       | UNKNOWN | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|-------|---------|-------|---------------|------------|
|               |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |       |         |       |               |            |
| COUNTY:       |     | TOTAL                             |       |       |        |         |         |         |         |         |       |       |         |       |               |            |
| 28-42         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 32.38 | .00     | 32.42 | 147           |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00   | .00     | .00   |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 32.38 | .00     | 32.42 |               |            |

COUNTY: 061 DAVIESS

|       |     |     |     |     |     |     |     |     |     |     |       |     |       |   |     |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----|-------|---|-----|
| 28-42 | 484 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 74.02 | .00 | 74.02 | 1 | 5.5 |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | .00 | .00   |   |     |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 74.02 | .00 | 74.02 |   |     |

COUNTY: TOTAL

|       |  |     |     |     |     |     |     |     |     |     |       |     |       |   |  |
|-------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----|-------|---|--|
| 28-42 |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 74.02 | .00 | 74.02 | 1 |  |
| > 42  |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | .00 | .00   |   |  |
| TOTAL |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 74.02 | .00 | 74.02 |   |  |

COUNTY: 079 GRUNDY

|       |     |     |     |     |     |     |     |     |     |     |       |     |       |   |     |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----|-------|---|-----|
| 28-42 | 484 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 31.10 | .00 | 31.10 | 3 | 3.6 |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | .00 | .00   |   |     |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 31.10 | .00 | 31.10 |   |     |

COUNTY: TOTAL

|       |  |     |     |     |     |     |     |     |     |     |       |     |       |   |  |
|-------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----|-------|---|--|
| 28-42 |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 31.10 | .00 | 31.10 | 3 |  |
| > 42  |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | .00 | .00   |   |  |
| TOTAL |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 31.10 | .00 | 31.10 |   |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

290 MISSOURI

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 081 HARRISON

| THICK-<br>NESS | BED | ≤ .4 | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0  | UNKNOWN | TOTAL  | NO.OF<br>ANAL | AVG<br>S % |
|----------------|-----|------|-------|-------|--------|---------|---------|---------|---------|---------|--------|---------|--------|---------------|------------|
| 28-42          | 545 | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | 169.54 | .00     | 169.54 | 3             | 5.8        |
| > 42           |     | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | 54.18  | .00     | 54.18  |               |            |
| TOTAL          |     | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | 223.72 | .00     | 223.72 |               |            |

COUNTY: TOTAL

|       |  |     |     |     |     |     |     |     |     |     |        |     |        |   |  |
|-------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|-----|--------|---|--|
| 28-42 |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 169.54 | .00 | 169.54 | 3 |  |
| > 42  |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 54.18  | .00 | 54.18  |   |  |
| TOTAL |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 223.72 | .00 | 223.72 |   |  |

COUNTY: 083 HENRY

|       |     |     |     |     |     |     |     |     |      |      |       |     |        |    |     |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-------|-----|--------|----|-----|
| 28-42 | 509 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00  | .00  | 24.23 | .00 | 24.26  | 99 | 3.9 |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00  | .00  | .00   | .00 | .00    |    |     |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00  | .00  | 24.23 | .00 | 24.26  |    |     |
| 28-42 | 545 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 3.28 | 5.19 | 97.72 | .00 | 105.99 | 12 | 4.5 |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00  | .00  | .00   | .00 | .00    |    |     |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 3.28 | 5.19 | 97.72 | .00 | 105.99 |    |     |

COUNTY: TOTAL

|       |  |     |     |     |     |     |     |     |      |      |        |     |        |     |  |
|-------|--|-----|-----|-----|-----|-----|-----|-----|------|------|--------|-----|--------|-----|--|
| 28-42 |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 3.28 | 5.19 | 121.95 | .00 | 130.25 | 111 |  |
| > 42  |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00  | .00  | .00    | .00 | .00    |     |  |
| TOTAL |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 3.28 | 5.19 | 121.95 | .00 | 130.25 |     |  |

COUNTY: 089 HOWARD

|       |     |     |     |     |     |     |     |     |     |     |     |        |        |  |  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|--------|--|--|
| 28-42 | 492 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 152.88 | 152.88 |  |  |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00    | .00    |  |  |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 152.88 | 152.88 |  |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

290 MISSOURI

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 089 HOWARD

| THICK<br>NESS | BED | ≤ .4 | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 | UNKNOWN | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|---------------|------------|
|---------------|-----|------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|---------------|------------|

COUNTY: TOTAL

|       |  |     |     |     |     |     |     |     |     |     |     |        |        |  |  |
|-------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|--------|--|--|
| 28-42 |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 152.88 | 152.88 |  |  |
| > 42  |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00    | .00    |  |  |
| TOTAL |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 152.88 | 152.88 |  |  |

COUNTY: 101 JOHNSON

|       |     |     |     |     |     |     |     |     |     |     |     |       |       |  |  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|--|--|
| 28-42 | 545 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | .00   |  |  |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 67.54 | 67.54 |  |  |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 67.54 | 67.54 |  |  |

COUNTY: TOTAL

|       |  |     |     |     |     |     |     |     |     |     |     |       |       |  |  |
|-------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|--|--|
| 28-42 |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | .00   |  |  |
| > 42  |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 67.54 | 67.54 |  |  |
| TOTAL |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 67.54 | 67.54 |  |  |

COUNTY: 115 LINN

|       |     |     |     |     |     |     |     |     |     |     |     |        |        |  |  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|--------|--|--|
| 28-42 | 496 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 145.15 | 145.15 |  |  |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00    | .00    |  |  |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 145.15 | 145.15 |  |  |
| 28-42 | 513 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 419.54 | 419.54 |  |  |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00    | .00    |  |  |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 419.54 | 419.54 |  |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

290 MISSOURI

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 115 LINN

| THICK-<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       | UNKNOWN | TOTAL  | NO.OF<br>ANAL | AVG<br>S % |
|----------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|--------|---------------|------------|
|                |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |        |               |            |
| COUNTY:        |     | TOTAL                             |       |       |        |         |         |         |         |         |       |         |        |               |            |
| 28-42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 564.69  | 564.69 |               |            |
| > 42           |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    |               |            |
| TOTAL          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 564.69  | 564.69 |               |            |

COUNTY: 121 MACON

|       |     |     |     |     |     |     |     |     |     |     |        |        |        |    |     |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|--------|--------|----|-----|
| 28-42 | 492 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 174.43 | .00    | 174.43 | 22 | 5.0 |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 50.88  | .00    | 50.88  |    |     |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 225.31 | .00    | 225.31 |    |     |
| 28-42 | 513 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00    | 145.15 | 145.15 |    |     |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00    | .00    | .00    |    |     |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00    | 145.15 | 145.15 |    |     |

COUNTY: TOTAL

|       |  |     |     |     |     |     |     |     |     |     |        |        |        |    |  |
|-------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|--------|--------|----|--|
| 28-42 |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 174.43 | 145.15 | 319.58 | 22 |  |
| > 42  |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 50.88  | .00    | 50.88  |    |  |
| TOTAL |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 225.31 | 145.15 | 370.46 |    |  |

COUNTY: 129 MERCER

|       |     |     |     |     |     |     |     |     |     |     |     |        |        |  |  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|--------|--|--|
| 28-42 | 545 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 52.07  | 52.07  |  |  |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 537.23 | 537.23 |  |  |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 589.30 | 589.30 |  |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

290 MISSOURI

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 129 MERCER

| THICK<br>NESS | BED | ≤ .4 | .5-.6 | .7-.8 | RESERVES BY SULFUR RANGE, PERCENT |         |         |         |         |         |       | UNKNOWN | TOTAL  | NO.OF<br>ANAL | AVG<br>S % |  |
|---------------|-----|------|-------|-------|-----------------------------------|---------|---------|---------|---------|---------|-------|---------|--------|---------------|------------|--|
|               |     |      |       |       | .9-1.0                            | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |        |               |            |  |
| COUNTY: TOTAL |     |      |       |       |                                   |         |         |         |         |         |       |         |        |               |            |  |
| 28-42         |     | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | 52.07   | 52.07  |               |            |  |
| > 42          |     | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | 537.23  | 537.23 |               |            |  |
| TOTAL         |     | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | 589.30  | 589.30 |               |            |  |

COUNTY: 139 MONTGOMERY

|       |     |     |     |     |     |     |     |     |     |     |     |        |        |  |  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|--------|--|--|
| 28-42 | 490 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 141.31 | 141.31 |  |  |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00    | .00    |  |  |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 141.31 | 141.31 |  |  |

COUNTY: TOTAL

|       |  |     |     |     |     |     |     |     |     |     |     |        |        |  |  |
|-------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|--------|--|--|
| 28-42 |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 141.31 | 141.31 |  |  |
| > 42  |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00    | .00    |  |  |
| TOTAL |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 141.31 | 141.31 |  |  |

COUNTY: 147 MODAWAY

|       |     |     |     |     |     |     |     |     |     |     |     |       |       |  |  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|--|--|
| 28-42 | 799 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 17.28 | 17.28 |  |  |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | .00   |  |  |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 17.28 | 17.28 |  |  |

COUNTY: TOTAL

|       |  |     |     |     |     |     |     |     |     |     |     |       |       |  |  |
|-------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|--|--|
| 28-42 |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 17.28 | 17.28 |  |  |
| > 42  |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | .00   |  |  |
| TOTAL |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 17.28 | 17.28 |  |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

290 MISSOURI

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 171 PUTNAM

| THICK-<br>NESS | BED | ≤ .4 | .5-.6 | .7-.8 | RESERVES BY SULFUR RANGE, PERCENT |         |         |         |         |         |        | UNKNOWN | TOTAL  | NO.OF<br>ANAL | AVG<br>S % |
|----------------|-----|------|-------|-------|-----------------------------------|---------|---------|---------|---------|---------|--------|---------|--------|---------------|------------|
|                |     |      |       |       | .9-1.0                            | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0  |         |        |               |            |
| 28-42          | 484 | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | 384.36 | .00     | 384.75 | 5             | 4.5        |
| > 42           |     | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00    | .00     | .00    |               |            |
| TOTAL          |     | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | 384.36 | .00     | 384.75 |               |            |

COUNTY: TOTAL

|       |  |     |     |     |     |     |     |     |     |     |        |     |        |   |  |
|-------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|-----|--------|---|--|
| 28-42 |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 384.36 | .00 | 384.75 | 5 |  |
| > 42  |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00    | .00 | .00    |   |  |
| TOTAL |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 384.36 | .00 | 384.75 |   |  |

COUNTY: 175 RANDOLPH

|       |     |     |     |     |     |     |     |     |     |     |        |     |        |    |     |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|-----|--------|----|-----|
| 28-42 | 492 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 27.19  | .00 | 27.14  | 59 | 5.2 |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 644.50 | .00 | 643.22 |    |     |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 671.69 | .00 | 670.36 |    |     |

COUNTY: TOTAL

|       |  |     |     |     |     |     |     |     |     |     |        |     |        |    |  |
|-------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|-----|--------|----|--|
| 28-42 |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 27.19  | .00 | 27.14  | 59 |  |
| > 42  |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 644.50 | .00 | 643.22 |    |  |
| TOTAL |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 671.69 | .00 | 670.36 |    |  |

COUNTY: 177 WAY

|       |     |     |     |     |     |     |     |     |     |     |        |     |        |    |     |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|-----|--------|----|-----|
| 28-42 | 424 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 110.01 | .00 | 109.91 | 38 | 5.2 |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00    | .00 | .00    |    |     |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 110.01 | .00 | 109.91 |    |     |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

290 MISSOURI

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 177 RAY

| THICK<br>NESS        | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |        | UNKNOWN | TOTAL  | NO.OF<br>ANAL | AVG<br>S % |
|----------------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|--------|---------|--------|---------------|------------|
|                      |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |        |         |        |               |            |
| COUNTY:              |     | TOTAL                             |       |       |        |         |         |         |         |         |       |        |         |        |               |            |
| 28-42                |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 110.01 | .00     | 109.91 | 38            |            |
| > 42                 |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00    | .00     | .00    |               |            |
| TOTAL                |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 110.01 | .00     | 109.91 |               |            |
| COUNTY: 185 ST CLAIR |     |                                   |       |       |        |         |         |         |         |         |       |        |         |        |               |            |
| 28-42                | 545 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00    | 209.82  | 209.82 |               |            |
| > 42                 |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00    | .00     | .00    |               |            |
| TOTAL                |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00    | 209.82  | 209.82 |               |            |
| COUNTY:              |     | TOTAL                             |       |       |        |         |         |         |         |         |       |        |         |        |               |            |
| 28-42                |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00    | 209.82  | 209.82 |               |            |
| > 42                 |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00    | .00     | .00    |               |            |
| TOTAL                |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00    | 209.82  | 209.82 |               |            |
| COUNTY: 211 SULLIVAN |     |                                   |       |       |        |         |         |         |         |         |       |        |         |        |               |            |
| 28-42                | 484 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00    | 90.26   | 90.26  |               |            |
| > 42                 |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00    | .00     | .00    |               |            |
| TOTAL                |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00    | 90.26   | 90.26  |               |            |
| 28-42                | 987 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 283.67 | .00     | 283.39 | 2             | 6.9        |
| > 42                 |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00    | .00     | .00    |               |            |
| TOTAL                |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 283.67 | .00     | 283.39 |               |            |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

290 MISSOURI

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 211 SULLIVAN

| THICK<br>NESS | BED | ≤ .4 | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0  | UNKNOWN | TOTAL  | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|------|-------|-------|--------|---------|---------|---------|---------|---------|--------|---------|--------|---------------|------------|
| COUNTY: TOTAL |     |      |       |       |        |         |         |         |         |         |        |         |        |               |            |
| 28-42         |     | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | 283.67 | 90.26   | 373.65 | 2             |            |
| > 42          |     | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00    | .00     | .00    |               |            |
| TOTAL         |     | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | 283.67 | 90.26   | 373.65 |               |            |

COUNTY: 217 VERNON

|       |     |     |     |     |     |     |     |     |     |     |       |       |       |   |     |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|-------|---|-----|
| 28-42 | 513 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 40.47 | .00   | 40.47 | 1 | 5.3 |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | .00   | .00   |   |     |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 40.47 | .00   | 40.47 |   |     |
| 28-42 | 545 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | 26.90 | 26.90 |   |     |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | .00   | .00   |   |     |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | 26.90 | 26.90 |   |     |

COUNTY: TOTAL

|       |  |     |     |     |     |     |     |     |     |     |       |       |       |   |  |
|-------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|-------|---|--|
| 28-42 |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 40.47 | 26.90 | 67.37 | 1 |  |
| > 42  |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | .00   | .00   |   |  |
| TOTAL |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 40.47 | 26.90 | 67.37 |   |  |

COUNTY: 227 WORTH

|       |     |     |     |     |     |     |     |     |     |     |     |       |       |  |  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|--|--|
| 28-42 | 545 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 19.35 | 19.35 |  |  |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | .00   |  |  |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 19.35 | 19.35 |  |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

290 MISSOURI

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 227 WORTH

| THICK<br>NESS | BED   | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       | UNKNOWN | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-------|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|---------------|------------|
|               |       | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |       |               |            |
| COUNTY:       | TOTAL |                                   |       |       |        |         |         |         |         |         |       |         |       |               |            |
| 28-42         |       | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 19.35   | 19.35 |               |            |
| > 42          |       | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| TOTAL         |       | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 19.35   | 19.35 |               |            |

STATE TOTAL

|       |     |     |     |     |      |      |       |       |       |         |         |         |     |
|-------|-----|-----|-----|-----|------|------|-------|-------|-------|---------|---------|---------|-----|
| 28-42 | .00 | .00 | .00 | .00 | 2.74 | 4.94 | 9.29  | 30.73 | 67.21 | 2751.99 | 1745.70 | 4612.59 | 557 |
| > 42  | .00 | .00 | .00 | .00 | 1.18 | 3.02 | 3.88  | 4.96  | 6.15  | 838.22  | 604.77  | 1461.05 |     |
| TOTAL | .00 | .00 | .00 | .00 | 3.92 | 7.96 | 13.17 | 35.69 | 73.36 | 3590.21 | 2350.47 | 6073.64 |     |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

300 MONTANA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

## COUNTY: 007 BROADWATER

| THICK-<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |         | TOTAL | NO. OF<br>ANAL | AVG<br>S % |
|----------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|----------------|------------|
|                |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 | UNKNOWN |       |                |            |
| 28-42          | 799 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | 5.65  | .00     | 5.66  | 6              | 7.9        |
| > 42           |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |                |            |
| TOTAL          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | 5.65  | .00     | 5.66  |                |            |

## COUNTY: TOTAL

|       |  |     |     |     |     |     |     |     |     |     |      |     |      |   |  |
|-------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|------|---|--|
| 28-42 |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 5.65 | .00 | 5.66 | 6 |  |
| > 42  |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00  | .00 | .00  |   |  |
| TOTAL |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 5.65 | .00 | 5.66 |   |  |

## COUNTY: 009 CARBON

|       |     |     |     |       |       |        |        |       |     |     |     |     |        |   |     |
|-------|-----|-----|-----|-------|-------|--------|--------|-------|-----|-----|-----|-----|--------|---|-----|
| 28-42 | 799 | .00 | .00 | 7.12  | 13.79 | 48.97  | 36.08  | 7.12  | .00 | .00 | .00 | .00 | 113.11 | 6 | 1.4 |
| > 42  |     | .00 | .00 | 39.18 | 75.88 | 269.31 | 198.40 | 39.18 | .00 | .00 | .00 | .00 | 621.97 |   |     |
| TOTAL |     | .00 | .00 | 46.30 | 89.67 | 318.28 | 234.48 | 46.30 | .00 | .00 | .00 | .00 | 735.08 |   |     |

## COUNTY: TOTAL

|       |  |     |     |       |       |        |        |       |     |     |     |     |        |   |  |
|-------|--|-----|-----|-------|-------|--------|--------|-------|-----|-----|-----|-----|--------|---|--|
| 28-42 |  | .00 | .00 | 7.12  | 13.79 | 48.97  | 36.08  | 7.12  | .00 | .00 | .00 | .00 | 113.11 | 6 |  |
| > 42  |  | .00 | .00 | 39.18 | 75.88 | 269.31 | 198.40 | 39.18 | .00 | .00 | .00 | .00 | 621.97 |   |  |
| TOTAL |  | .00 | .00 | 46.30 | 89.67 | 318.28 | 234.48 | 46.30 | .00 | .00 | .00 | .00 | 735.08 |   |  |

## COUNTY: 013 CASCADE

|       |     |     |     |     |     |     |      |       |       |       |        |     |        |    |     |
|-------|-----|-----|-----|-----|-----|-----|------|-------|-------|-------|--------|-----|--------|----|-----|
| 28-42 | 799 | .00 | .00 | .00 | .00 | .00 | 1.12 | 3.73  | 6.72  | 10.53 | 52.43  | .00 | 74.70  | 32 | 3.4 |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | 3.51 | 11.70 | 21.07 | 33.01 | 164.35 | .00 | 234.12 |    |     |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | 4.63 | 15.43 | 27.79 | 43.54 | 216.78 | .00 | 308.82 |    |     |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

300 MONTANA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 013 CASCADE

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |        |         | TOTAL  | NO.OF<br>ANAL | AVG<br>S % |  |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|--------|---------|--------|---------------|------------|--|
|               |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0  | UNKNOWN |        |               |            |  |
| COUNTY:       |     | TOTAL                             |       |       |        |         |         |         |         |         |        |         |        |               |            |  |
| 28-42         |     | .00                               | .00   | .00   | .00    | .00     | 1.12    | 3.73    | 6.72    | 10.53   | 52.43  | .00     | 74.70  | 32            |            |  |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | 3.51    | 11.70   | 21.07   | 33.01   | 164.35 | .00     | 234.12 |               |            |  |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | 4.63    | 15.43   | 27.79   | 43.54   | 216.78 | .00     | 308.82 |               |            |  |

COUNTY: 027 FERGUS

|       |     |     |     |      |      |      |       |       |       |       |        |     |        |    |     |
|-------|-----|-----|-----|------|------|------|-------|-------|-------|-------|--------|-----|--------|----|-----|
| 28-42 | 799 | .00 | .00 | 1.58 | 1.75 | 3.83 | 4.25  | 4.75  | 5.08  | 5.41  | 56.86  | .00 | 83.38  | 30 | 3.8 |
| > 42  |     | .00 | .00 | 2.40 | 2.66 | 5.83 | 6.46  | 7.22  | 7.73  | 8.23  | 86.44  | .00 | 126.75 |    |     |
| TOTAL |     | .00 | .00 | 3.98 | 4.41 | 9.66 | 10.71 | 11.97 | 12.81 | 13.64 | 143.30 | .00 | 210.13 |    |     |

COUNTY: TOTAL

|       |  |     |     |      |      |      |       |       |       |       |        |     |        |    |  |
|-------|--|-----|-----|------|------|------|-------|-------|-------|-------|--------|-----|--------|----|--|
| 28-42 |  | .00 | .00 | 1.58 | 1.75 | 3.83 | 4.25  | 4.75  | 5.08  | 5.41  | 56.86  | .00 | 83.38  | 30 |  |
| > 42  |  | .00 | .00 | 2.40 | 2.66 | 5.83 | 6.46  | 7.22  | 7.73  | 8.23  | 86.44  | .00 | 126.75 |    |  |
| TOTAL |  | .00 | .00 | 3.98 | 4.41 | 9.66 | 10.71 | 11.97 | 12.81 | 13.64 | 143.30 | .00 | 210.13 |    |  |

COUNTY: 035 GLACIER

|       |     |     |     |      |      |       |      |      |     |     |     |     |       |   |     |
|-------|-----|-----|-----|------|------|-------|------|------|-----|-----|-----|-----|-------|---|-----|
| 28-42 | 799 | .00 | .00 | 1.56 | 2.77 | 8.24  | 5.43 | 1.09 | .00 | .00 | .00 | .00 | 19.14 | 4 | 1.2 |
| > 42  |     | .00 | .00 | .51  | .91  | 2.71  | 1.78 | .35  | .00 | .00 | .00 | .00 | 6.30  |   |     |
| TOTAL |     | .00 | .00 | 2.07 | 3.68 | 10.95 | 7.21 | 1.44 | .00 | .00 | .00 | .00 | 25.44 |   |     |

COUNTY: TOTAL

|       |  |     |     |      |      |       |      |      |     |     |     |     |       |   |  |
|-------|--|-----|-----|------|------|-------|------|------|-----|-----|-----|-----|-------|---|--|
| 28-42 |  | .00 | .00 | 1.56 | 2.77 | 8.24  | 5.43 | 1.09 | .00 | .00 | .00 | .00 | 19.14 | 4 |  |
| > 42  |  | .00 | .00 | .51  | .91  | 2.71  | 1.78 | .35  | .00 | .00 | .00 | .00 | 6.30  |   |  |
| TOTAL |  | .00 | .00 | 2.07 | 3.68 | 10.95 | 7.21 | 1.44 | .00 | .00 | .00 | .00 | 25.44 |   |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

300 MONTANA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 045 JUDITH BASIN

| THICK<br>NESS | BED | ≤ .4 | .5-.6 | .7-.8 | RESERVES BY SULFUR RANGE, PERCENT |         |         |         |         |         |       | UNKNOWN | TOTAL | NO.OF<br>ANAL | AVG<br>S % |     |
|---------------|-----|------|-------|-------|-----------------------------------|---------|---------|---------|---------|---------|-------|---------|-------|---------------|------------|-----|
|               |     |      |       |       | .9-1.0                            | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |       |               |            |     |
| 28-42         | 799 | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | 45.65   | .00   | 45.65         | 5          | 4.7 |
| > 42          |     | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | 44.77   | .00   | 44.77         |            |     |
| TOTAL         |     | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | 90.42   | .00   | 90.42         |            |     |

COUNTY: TOTAL

|       |  |     |     |     |     |     |     |     |     |     |     |       |     |       |   |  |
|-------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----|-------|---|--|
| 28-42 |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 45.65 | .00 | 45.65 | 5 |  |
| > 42  |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 44.77 | .00 | 44.77 |   |  |
| TOTAL |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 90.42 | .00 | 90.42 |   |  |

COUNTY: 059 MEAGHER

|       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |    |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|----|
| 28-42 | 799 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 2 | .5 |
| > 42  |     | .26 | .26 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .53 |   |    |
| TOTAL |     | .26 | .26 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .53 |   |    |

COUNTY: TOTAL

|       |  |     |     |     |     |     |     |     |     |     |     |     |     |     |   |  |
|-------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|--|
| 28-42 |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 2 |  |
| > 42  |  | .26 | .26 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .53 |   |  |
| TOTAL |  | .26 | .26 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .53 |   |  |

COUNTY: 095 STILLWATER

|       |     |     |      |      |      |     |     |     |     |     |     |     |     |      |   |    |
|-------|-----|-----|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|------|---|----|
| 28-42 | 799 | .00 | 1.28 | 2.28 | 1.77 | .70 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 6.05 | 3 | .7 |
| > 42  |     | .00 | .40  | .71  | .55  | .22 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 1.89 |   |    |
| TOTAL |     | .00 | 1.68 | 2.99 | 2.32 | .92 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 7.94 |   |    |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

300 MONTANA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
 SED. THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
 MILLION SHORT TONS

COUNTY: 095 STILLWATER

| THICK-<br>NESS | SED   | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       | TOTAL | NO. OF<br>ANAL | AVG<br>S % |
|----------------|-------|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|-------|----------------|------------|
|                |       | < .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |       |                |            |
| COUNTY:        | TOTAL |                                   |       |       |        |         |         |         |         |         |       |       |                |            |
| 24-42          |       | .00                               | 1.28  | 2.28  | 1.77   | .70     | .00     | .00     | .00     | .00     | .00   | .00   | 6.05           | 3          |
| > 42           |       | .00                               | .40   | .71   | .55    | .22     | .00     | .00     | .00     | .00     | .00   | .00   | 1.89           |            |
| TOTAL          |       | .00                               | 1.68  | 2.99  | 2.32   | .92     | .00     | .00     | .00     | .00     | .00   | .00   | 7.94           |            |

STATE TOTAL

|       |     |      |       |        |        |        |       |       |       |        |     |         |    |
|-------|-----|------|-------|--------|--------|--------|-------|-------|-------|--------|-----|---------|----|
| 24-42 | .00 | 1.28 | 12.54 | 20.03  | 61.74  | 46.23  | 16.69 | 11.80 | 15.94 | 160.59 | .00 | 347.69  | 88 |
| > 42  | .26 | .66  | 42.80 | 80.00  | 278.07 | 210.15 | 58.45 | 28.80 | 41.24 | 295.56 | .00 | 1036.33 |    |
| TOTAL | .26 | 1.94 | 55.34 | 100.03 | 339.81 | 257.03 | 75.14 | 40.60 | 57.18 | 456.15 | .00 | 1384.02 |    |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

350 NEW MEXICO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 007 COLFAX

| THICK-<br>NESS | BED | ≤ .4 | .5-.6  | .7-.8  | RESERVES BY SULFUR RANGE, PERCENT |         |         |         |         |         |       | UNKNOWN | TOTAL | NO.OF<br>ANAL | AVG<br>S % |    |
|----------------|-----|------|--------|--------|-----------------------------------|---------|---------|---------|---------|---------|-------|---------|-------|---------------|------------|----|
|                |     |      |        |        | .9-1.0                            | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |       |               |            |    |
| 28-42          | 799 | .00  | 294.21 | 137.18 | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   | 431.40        | 16         | .6 |
| > 42           |     | .00  | 647.62 | 301.97 | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   | 949.60        |            |    |
| TOTAL          |     | .00  | 941.83 | 439.15 | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   | 1381.00       |            |    |

COUNTY: TOTAL

|       |  |     |        |        |     |     |     |     |     |     |     |     |     |         |    |  |
|-------|--|-----|--------|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|----|--|
| 28-42 |  | .00 | 294.21 | 137.18 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 431.40  | 16 |  |
| > 42  |  | .00 | 647.62 | 301.97 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 949.60  |    |  |
| TOTAL |  | .00 | 941.83 | 439.15 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 1381.00 |    |  |

COUNTY: 027 LINCOLN

|       |     |     |      |      |     |     |     |     |     |     |     |     |     |      |   |    |
|-------|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|---|----|
| 28-42 | 799 | .00 | 2.85 | 2.85 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 5.70 | 2 | .7 |
| > 42  |     | .00 | .60  | .60  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 1.20 |   |    |
| TOTAL |     | .00 | 3.45 | 3.45 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 6.90 |   |    |

COUNTY: TOTAL

|       |  |     |      |      |     |     |     |     |     |     |     |     |     |      |   |  |
|-------|--|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|---|--|
| 28-42 |  | .00 | 2.85 | 2.85 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 5.70 | 2 |  |
| > 42  |  | .00 | .60  | .60  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 1.20 |   |  |
| TOTAL |  | .00 | 3.45 | 3.45 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 6.90 |   |  |

COUNTY: 039 RIO ARRIBA

|       |     |     |     |     |     |     |     |     |     |     |     |     |      |     |     |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|
| 28-42 | 799 | .00 | .24 | .28 | .31 | .69 | .71 | .62 | .48 | .34 | .48 | .00 | 4.20 | 118 | 1.3 |
| > 42  |     | .00 | .01 | .02 | .02 | .04 | .05 | .04 | .03 | .02 | .03 | .00 | .30  |     |     |
| TOTAL |     | .00 | .25 | .30 | .33 | .73 | .76 | .66 | .51 | .36 | .51 | .00 | 4.50 |     |     |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

350 NEW MEXICO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 039 RIO ARriba

| THICK<br>NESS | BED   | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       | UNKNOWN | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-------|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|---------------|------------|
|               |       | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |       |               |            |
| COUNTY:       | TOTAL |                                   |       |       |        |         |         |         |         |         |       |         |       |               |            |
| 28-42         |       | .00                               | .24   | .28   | .31    | .69     | .71     | .62     | .48     | .34     | .48   | .00     | 4.20  | 118           |            |
| > 42          |       | .00                               | .01   | .02   | .02    | .04     | .05     | .04     | .03     | .02     | .03   | .00     | .30   |               |            |
| TOTAL         |       | .00                               | .25   | .30   | .33    | .73     | .76     | .66     | .51     | .36     | .51   | .00     | 4.50  |               |            |

COUNTY: 043 SANDOVAL

|       |     |     |     |     |     |     |      |     |     |     |     |     |      |    |     |
|-------|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|------|----|-----|
| 28-42 | 799 | .00 | .00 | .14 | .24 | .88 | 1.13 | .73 | .29 | .05 | .00 | .00 | 3.50 | 21 | 1.5 |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00  | .00 | .00 | .00 | .00 | .00 | .00  |    |     |
| TOTAL |     | .00 | .00 | .14 | .24 | .88 | 1.13 | .73 | .29 | .05 | .00 | .00 | 3.50 |    |     |

COUNTY: TOTAL

|       |  |     |     |     |     |     |      |     |     |     |     |     |      |    |  |
|-------|--|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|------|----|--|
| 28-42 |  | .00 | .00 | .14 | .24 | .88 | 1.13 | .73 | .29 | .05 | .00 | .00 | 3.50 | 21 |  |
| > 42  |  | .00 | .00 | .00 | .00 | .00 | .00  | .00 | .00 | .00 | .00 | .00 | .00  |    |  |
| TOTAL |  | .00 | .00 | .14 | .24 | .88 | 1.13 | .73 | .29 | .05 | .00 | .00 | 3.50 |    |  |

COUNTY: 045 SAN JUAN

|       |     |     |       |       |       |       |      |     |     |     |     |     |       |    |    |
|-------|-----|-----|-------|-------|-------|-------|------|-----|-----|-----|-----|-----|-------|----|----|
| 28-42 | 799 | .00 | 4.97  | 8.44  | 8.73  | 7.59  | .88  | .00 | .00 | .00 | .00 | .00 | 30.50 | 49 | .8 |
| > 42  |     | .00 | 10.46 | 17.78 | 18.16 | 15.98 | 1.86 | .00 | .00 | .00 | .00 | .00 | 64.20 |    |    |
| TOTAL |     | .00 | 15.43 | 26.22 | 26.79 | 23.57 | 2.74 | .00 | .00 | .00 | .00 | .00 | 94.70 |    |    |

COUNTY: TOTAL

|       |  |     |       |       |       |       |      |     |     |     |     |     |       |    |  |
|-------|--|-----|-------|-------|-------|-------|------|-----|-----|-----|-----|-----|-------|----|--|
| 28-42 |  | .00 | 4.97  | 8.44  | 8.63  | 7.59  | .88  | .00 | .00 | .00 | .00 | .00 | 30.50 | 49 |  |
| > 42  |  | .00 | 10.46 | 17.78 | 18.16 | 15.98 | 1.86 | .00 | .00 | .00 | .00 | .00 | 64.20 |    |  |
| TOTAL |  | .00 | 15.43 | 26.22 | 26.79 | 23.57 | 2.74 | .00 | .00 | .00 | .00 | .00 | 94.70 |    |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

350 NEW MEXICO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 049 SANTA FE

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |     | UNKNOWN | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|-----|---------|-------|---------------|------------|
|               |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |     |         |       |               |            |
| 28-42         | 799 | .00                               | .00   | .00   | 4.94   | 3.11    | .00     | .00     | .00     | .00     | .00   | .00 | 8.10    | 3     | 1.0           |            |
| > 42          |     | .00                               | .00   | .00   | .61    | .38     | .00     | .00     | .00     | .00     | .00   | .00 | 1.00    |       |               |            |
| TOTAL         |     | .00                               | .00   | .00   | 5.59   | 3.49    | .00     | .00     | .00     | .00     | .00   | .00 | 9.10    |       |               |            |

COUNTY: TOTAL

|       |     |     |     |      |      |     |     |     |     |     |     |     |      |   |  |  |
|-------|-----|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|------|---|--|--|
| 28-42 | .00 | .00 | .00 | 4.94 | 3.11 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 8.10 | 3 |  |  |
| > 42  | .00 | .00 | .00 | .61  | .38  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 1.00 |   |  |  |
| TOTAL | .00 | .00 | .00 | 5.59 | 3.49 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 9.10 |   |  |  |

COUNTY: 053 SOCORRO

|       |     |     |     |     |     |     |     |     |     |     |     |       |       |  |  |  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|--|--|--|
| 28-42 | 799 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 2.70  | 2.70  |  |  |  |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 24.80 | 24.80 |  |  |  |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 27.50 | 27.50 |  |  |  |

COUNTY: TOTAL

|       |     |     |     |     |     |     |     |     |     |     |     |       |       |  |  |  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|--|--|--|
| 28-42 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 2.70  | 2.70  |  |  |  |
| > 42  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 24.80 | 24.80 |  |  |  |
| TOTAL | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 27.50 | 27.50 |  |  |  |

STATE TOTAL

|       |     |        |        |       |       |      |      |     |     |     |       |         |     |  |  |  |
|-------|-----|--------|--------|-------|-------|------|------|-----|-----|-----|-------|---------|-----|--|--|--|
| 28-42 | .00 | 302.27 | 148.84 | 14.16 | 12.27 | 2.72 | 1.35 | .77 | .39 | .48 | 2.70  | 486.10  | 209 |  |  |  |
| > 42  | .00 | 65.69  | 320.37 | 18.79 | 16.40 | 1.91 | .04  | .03 | .02 | .03 | 24.80 | 1041.10 |     |  |  |  |
| TOTAL | .00 | 960.96 | 469.26 | 32.95 | 28.67 | 4.63 | 1.39 | .80 | .41 | .51 | 27.50 | 1527.20 |     |  |  |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

400 OKLAHOMA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 005 ATOKA

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |         | TOTAL | NO. OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|----------------|------------|
|               |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 | UNKNOWN |       |                |            |
| 28-42         | 563 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 3.26    | 3.26  |                |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 3.26    | 3.26  |                |            |

COUNTY: TOTAL

|       |  |     |     |     |     |     |     |     |     |     |     |      |      |  |  |
|-------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|--|--|
| 28-42 |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 3.26 | 3.26 |  |  |
| > 42  |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00  | .00  |  |  |
| TOTAL |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 3.26 | 3.26 |  |  |

COUNTY: 029 COAL

|       |     |     |     |     |     |     |     |     |     |      |       |     |       |    |     |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-------|-----|-------|----|-----|
| 28-42 | 554 | .00 | .00 | .00 | .00 | .00 | .02 | .08 | .18 | .41  | 7.34  | .00 | 8.05  | 79 | 4.0 |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .08 | .28 | .66 | 1.49 | 26.29 | .00 | 28.80 |    |     |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .10 | .36 | .84 | 1.90 | 33.63 | .00 | 36.85 |    |     |

COUNTY: TOTAL

|       |  |     |     |     |     |     |     |     |     |      |       |     |       |    |  |
|-------|--|-----|-----|-----|-----|-----|-----|-----|-----|------|-------|-----|-------|----|--|
| 28-42 |  | .00 | .00 | .00 | .00 | .00 | .02 | .08 | .18 | .41  | 7.34  | .00 | 8.05  | 79 |  |
| > 42  |  | .00 | .00 | .00 | .00 | .00 | .08 | .28 | .66 | 1.49 | 26.29 | .00 | 28.80 |    |  |
| TOTAL |  | .00 | .00 | .00 | .00 | .00 | .10 | .36 | .84 | 1.90 | 33.63 | .00 | 36.85 |    |  |

COUNTY: 035 CRAIG

|       |     |     |     |     |     |     |     |     |     |     |        |     |        |    |     |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|-----|--------|----|-----|
| 28-42 | 799 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 49.85  | .00 | 49.85  | 36 | 3.6 |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 106.49 | .00 | 106.49 |    |     |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 156.34 | .00 | 156.34 |    |     |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

400 OKLAHOMA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
 MILLION SHORT TONS

COUNTY: 035 CRAIG

| THICK<br>NESS                      | BED | ≤ .4 | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0  | UNKNOWN | TOTAL  | NO.OF<br>ANAL | AVG<br>S % |
|------------------------------------|-----|------|-------|-------|--------|---------|---------|---------|---------|---------|--------|---------|--------|---------------|------------|
| PRESERVES BY SULFUR RANGE, PERCENT |     |      |       |       |        |         |         |         |         |         |        |         |        |               |            |
| COUNTY: TOTAL                      |     |      |       |       |        |         |         |         |         |         |        |         |        |               |            |
| 28-42                              |     | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | 49.85  | .00     | 49.85  | 36            |            |
| > 42                               |     | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | 106.49 | .00     | 106.49 |               |            |
| TOTAL                              |     | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | 156.34 | .00     | 156.34 |               |            |

COUNTY: 061 HASKELL

|       |     |     |     |       |       |     |     |     |     |     |     |     |       |   |    |
|-------|-----|-----|-----|-------|-------|-----|-----|-----|-----|-----|-----|-----|-------|---|----|
| 28-42 | 880 | .00 | .00 | 17.19 | 9.17  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 26.37 | 7 | .8 |
| > 42  |     | .00 | .00 | 37.64 | 20.09 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 57.74 |   |    |
| TOTAL |     | .00 | .00 | 54.83 | 29.26 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 84.11 |   |    |

COUNTY: TOTAL

|       |  |     |     |       |       |     |     |     |     |     |     |     |       |   |  |
|-------|--|-----|-----|-------|-------|-----|-----|-----|-----|-----|-----|-----|-------|---|--|
| 28-42 |  | .00 | .00 | 17.19 | 9.17  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 26.37 | 7 |  |
| > 42  |  | .00 | .00 | 37.64 | 20.09 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 57.74 |   |  |
| TOTAL |  | .00 | .00 | 54.83 | 29.26 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 84.11 |   |  |

COUNTY: 077 LATIMER

|       |     |     |     |     |     |     |     |     |      |      |     |     |      |    |     |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-----|-----|------|----|-----|
| 28-42 | 556 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00  | .00  | .00 | .33 | .33  |    |     |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00  | .00  | .00 | .00 | .00  |    |     |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00  | .00  | .00 | .33 | .33  |    |     |
| 28-42 | 558 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 2.35 | 3.26 | .34 | .00 | 5.97 | 98 | 2.6 |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00  | .00  | .00 | .00 | .00  |    |     |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 2.35 | 3.26 | .34 | .00 | 5.97 |    |     |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

400 OKLAHOMA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 077 LATIMER

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |         | TOTAL | NO. OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|----------------|------------|
|               |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 | UNKNOWN |       |                |            |
| 28-42         | 562 | .00                               | .00   | .00   | .00    | .21     | .64     | .00     | .00     | .00     | .00   | .00     | .86   | 212            | 1.5        |
| > 42          |     | .00                               | .00   | .00   | .05    | 3.15    | 9.46    | .00     | .00     | .00     | .00   | .00     | 12.67 |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .05    | 3.36    | 10.10   | .00     | .00     | .00     | .00   | .00     | 13.53 |                |            |
| 28-42         | 563 | .00                               | .00   | .00   | .00    | .73     | 2.67    | 2.72    | .76     | .00     | .00   | .00     | 6.90  | 42             | 1.9        |
| > 42          |     | .00                               | .00   | .00   | .00    | 3.88    | 14.04   | 14.33   | 4.02    | .00     | .00   | .00     | 36.30 |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | 4.61    | 16.71   | 17.05   | 4.78    | .00     | .00   | .00     | 43.20 |                |            |

COUNTY: TOTAL

|       |     |     |     |     |      |       |       |      |      |     |     |       |     |  |
|-------|-----|-----|-----|-----|------|-------|-------|------|------|-----|-----|-------|-----|--|
| 28-42 | .00 | .00 | .00 | .00 | .94  | 3.31  | 2.72  | 3.11 | 3.26 | .34 | .33 | 14.06 | 352 |  |
| > 42  | .00 | .00 | .00 | .05 | 7.03 | 23.50 | 14.33 | 4.02 | .00  | .00 | .00 | 48.97 |     |  |
| TOTAL | .00 | .00 | .00 | .05 | 7.97 | 26.81 | 17.05 | 7.13 | 3.26 | .34 | .33 | 63.03 |     |  |

COUNTY: 079 LE FLORE

|       |     |     |      |       |       |      |     |     |     |     |     |        |        |    |    |
|-------|-----|-----|------|-------|-------|------|-----|-----|-----|-----|-----|--------|--------|----|----|
| 28-42 | 527 | .00 | .00  | .00   | .00   | .00  | .00 | .00 | .00 | .00 | .00 | 9.80   | 9.80   |    |    |
| > 42  |     | .00 | .00  | .00   | .00   | .00  | .00 | .00 | .00 | .00 | .00 | .00    | .00    |    |    |
| TOTAL |     | .00 | .00  | .00   | .00   | .00  | .00 | .00 | .00 | .00 | .00 | 9.80   | 9.80   |    |    |
| 28-42 | 562 | .00 | 2.28 | 16.11 | 12.05 | 2.11 | .00 | .00 | .00 | .00 | .00 | .00    | 33.57  | 39 | .7 |
| > 42  |     | .00 | .00  | .00   | .00   | .00  | .00 | .00 | .00 | .00 | .00 | .00    | .00    |    |    |
| TOTAL |     | .00 | 2.28 | 16.11 | 12.05 | 2.11 | .00 | .00 | .00 | .00 | .00 | .00    | 33.57  |    |    |
| 28-42 | 880 | .00 | .00  | .00   | .00   | .00  | .00 | .00 | .00 | .00 | .00 | 111.04 | 111.04 |    |    |
| > 42  |     | .00 | .00  | .00   | .00   | .00  | .00 | .00 | .00 | .00 | .00 | 115.25 | 115.25 |    |    |
| TOTAL |     | .00 | .00  | .00   | .00   | .00  | .00 | .00 | .00 | .00 | .00 | 226.29 | 226.29 |    |    |

COUNTY: TOTAL

|       |     |      |       |       |      |     |     |     |     |     |     |        |        |    |  |
|-------|-----|------|-------|-------|------|-----|-----|-----|-----|-----|-----|--------|--------|----|--|
| 28-42 | .00 | 2.28 | 16.11 | 12.05 | 2.11 | .00 | .00 | .00 | .00 | .00 | .00 | 120.84 | 154.41 | 39 |  |
| > 42  | .00 | .00  | .00   | .00   | .00  | .00 | .00 | .00 | .00 | .00 | .00 | 115.25 | 115.25 |    |  |
| TOTAL | .00 | 2.28 | 16.11 | 12.05 | 2.11 | .00 | .00 | .00 | .00 | .00 | .00 | 236.09 | 269.66 |    |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

400 OKLAHOMA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
 MILLION SHORT TONS

COUNTY: 107 OKFUSKEE

| THICK-<br>NESS | BED | < .4 | .5-.6 | .7-.8 | RESERVES BY SULFUR RANGE, PERCENT |         |         |         |         |         |       | UNKNOWN | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|----------------|-----|------|-------|-------|-----------------------------------|---------|---------|---------|---------|---------|-------|---------|-------|---------------|------------|
|                |     |      |       |       | .9-1.0                            | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |       |               |            |
| 28-42          | 496 | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | 2.31    | 2.31  |               |            |
| > 42           |     | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| TOTAL          |     | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | 2.31    | 2.31  |               |            |

COUNTY: TOTAL

|       |  |     |     |     |     |     |     |     |     |     |     |      |      |  |  |
|-------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|--|--|
| 28-42 |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 2.31 | 2.31 |  |  |
| > 42  |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00  | .00  |  |  |
| TOTAL |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 2.31 | 2.31 |  |  |

COUNTY: 111 OKMULGEE

|       |     |     |     |     |     |      |       |       |       |      |      |     |        |     |     |
|-------|-----|-----|-----|-----|-----|------|-------|-------|-------|------|------|-----|--------|-----|-----|
| 28-42 | 496 | .00 | .00 | .42 | .74 | 5.82 | 21.48 | 40.53 | 26.67 | 8.04 | 2.01 | .00 | 105.84 | 426 | 2.1 |
| > 42  |     | .00 | .00 | .00 | .00 | .00  | .00   | .00   | .00   | .00  | .00  | .00 | .00    |     |     |
| TOTAL |     | .00 | .00 | .42 | .74 | 5.82 | 21.48 | 40.53 | 26.67 | 8.04 | 2.01 | .00 | 105.84 |     |     |

|       |     |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|--|
| 28-42 | 503 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .39 | .39 |  |  |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |  |  |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .39 | .39 |  |  |

COUNTY: TOTAL

|       |  |     |     |     |     |      |       |       |       |      |      |     |        |     |  |
|-------|--|-----|-----|-----|-----|------|-------|-------|-------|------|------|-----|--------|-----|--|
| 28-42 |  | .00 | .00 | .42 | .74 | 5.82 | 21.48 | 40.53 | 26.67 | 8.04 | 2.01 | .39 | 106.23 | 426 |  |
| > 42  |  | .00 | .00 | .00 | .00 | .00  | .00   | .00   | .00   | .00  | .00  | .00 | .00    |     |  |
| TOTAL |  | .00 | .00 | .42 | .74 | 5.82 | 21.48 | 40.53 | 26.67 | 8.04 | 2.01 | .39 | 106.23 |     |  |

COUNTY: 121 PITTSBURGH

|       |     |     |     |     |     |     |     |     |     |     |     |       |       |  |  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|--|--|
| 28-42 | 527 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 21.93 | 21.93 |  |  |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | .00   |  |  |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 21.93 | 21.93 |  |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

400 OKLAHOMA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
 MILLION SHORT TONS

COUNTY: 121 PITTSBURG

| THICK-<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |     | UNKNOWN | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|----------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|-----|---------|-------|---------------|------------|
|                |     | ≤ .4                              | .5-.6 | .7-.9 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |     |         |       |               |            |
| 28-42          | 558 | 5.62                              | 7.88  | 9.53  | 9.64   | 13.94   | 5.95    | 1.98    | .60     | .00     | .00   | .00 | 55.12   | 44    | .8            |            |
| > 42           |     | .85                               | 1.19  | 1.44  | 1.46   | 2.11    | .90     | .30     | .09     | .00     | .00   | .00 | 8.36    |       |               |            |
| TOTAL          |     | 6.47                              | 9.07  | 10.97 | 11.10  | 16.05   | 6.85    | 2.28    | .69     | .00     | .00   | .00 | 63.48   |       |               |            |
| 28-42          | 562 | .00                               | .00   | .00   | .00    | 2.00    | 3.60    | .96     | .00     | .00     | .00   | .00 | 6.57    | 6     | 1.6           |            |
| > 42           |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .00     |       |               |            |
| TOTAL          |     | .00                               | .00   | .00   | .00    | 2.00    | 3.60    | .96     | .00     | .00     | .00   | .00 | 6.57    |       |               |            |
| 28-42          | 563 | .00                               | .00   | .00   | .00    | .00     | .88     | 1.30    | 1.45    | 1.20    | 1.38  | .00 | 6.25    | 34    | 2.4           |            |
| > 42           |     | .00                               | .00   | .00   | .00    | .00     | 5.69    | 8.38    | 9.34    | 7.70    | 8.90  | .00 | 40.11   |       |               |            |
| TOTAL          |     | .00                               | .00   | .00   | .00    | .00     | 6.57    | 9.68    | 10.79   | 8.90    | 10.28 | .00 | 46.36   |       |               |            |

COUNTY: TOTAL

|       |      |      |       |       |       |       |       |       |      |       |       |        |    |
|-------|------|------|-------|-------|-------|-------|-------|-------|------|-------|-------|--------|----|
| 28-42 | 5.62 | 7.88 | 9.53  | 9.64  | 15.94 | 10.43 | 4.24  | 2.05  | 1.20 | 1.38  | 21.93 | 89.87  | 84 |
| > 42  | .85  | 1.19 | 1.44  | 1.46  | 2.11  | 6.59  | 8.68  | 9.43  | 7.70 | 8.90  | .00   | 48.47  |    |
| TOTAL | 6.47 | 9.07 | 10.97 | 11.10 | 18.05 | 17.02 | 12.92 | 11.48 | 8.90 | 10.28 | 21.93 | 138.34 |    |

STATE TOTAL

|       |      |       |       |       |       |       |       |       |       |        |        |        |      |
|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|------|
| 28-42 | 5.62 | 11.16 | 43.25 | 31.70 | 24.81 | 35.24 | 47.57 | 32.01 | 12.91 | 60.92  | 149.06 | 454.41 | 1023 |
| > 42  | .85  | 1.19  | 39.04 | 21.60 | 9.14  | 30.17 | 23.29 | 14.11 | 9.19  | 141.68 | 115.25 | 405.72 |      |
| TOTAL | 6.47 | 12.35 | 82.33 | 53.30 | 33.95 | 65.41 | 70.86 | 46.12 | 22.10 | 202.60 | 264.31 | 860.13 |      |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

490 UTAH

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 007 CARBON

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |        |        |        |         |         |         |         |         |       |     | UNKNOWN | TOTAL  | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|--------|--------|--------|---------|---------|---------|---------|---------|-------|-----|---------|--------|---------------|------------|
|               |     | ≤ .4                              | .5-.6  | .7-.8  | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |     |         |        |               |            |
| 28-42         | 799 | .00                               | .00    | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .00     | .00    | 41            | .6         |
| > 42          |     | 86.63                             | 362.54 | 310.51 | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .00     | 766.70 |               |            |
| TOTAL         |     | 86.63                             | 362.54 | 310.51 | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .00     | 766.70 |               |            |

COUNTY: TOTAL

|       |  |       |        |        |     |     |     |     |     |     |     |     |     |        |    |  |
|-------|--|-------|--------|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|----|--|
| 28-42 |  | .00   | .00    | .00    | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00    | 41 |  |
| > 42  |  | 86.63 | 362.54 | 310.51 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 766.70 |    |  |
| TOTAL |  | 86.63 | 362.54 | 310.51 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 766.70 |    |  |

COUNTY: 015 EMERY

|       |     |     |      |       |     |     |     |     |     |     |     |     |     |       |    |    |
|-------|-----|-----|------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|----|----|
| 28-42 | 260 | .00 | .00  | .00   | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | 1  | .8 |
| > 42  |     | .00 | .00  | 71.73 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 71.73 |    |    |
| TOTAL |     | .00 | .00  | 71.73 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 71.73 |    |    |
| 28-42 | 799 | .00 | .00  | .00   | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | 49 | .6 |
| > 42  |     | .57 | 4.18 | .78   | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 5.54  |    |    |
| TOTAL |     | .57 | 4.18 | .78   | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 5.54  |    |    |

COUNTY: TOTAL

|       |  |     |      |       |     |     |     |     |     |     |     |     |     |       |    |  |
|-------|--|-----|------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|----|--|
| 28-42 |  | .00 | .00  | .00   | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | 50 |  |
| > 42  |  | .57 | 4.18 | 72.51 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 77.27 |    |  |
| TOTAL |  | .57 | 4.18 | 72.51 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 77.27 |    |  |

COUNTY: 017 GARFIELD

|       |     |     |     |     |     |     |     |     |     |     |     |     |       |       |  |  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|--|--|
| 28-42 | 254 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | .00   |  |  |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 37.83 | 37.83 |  |  |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 37.83 | 37.83 |  |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

490 UTAH

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 017 GARFIELD

| THICK<br>NESS | BED | ≤ .4 | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 | UNKNOWN | TOTAL  | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|--------|---------------|------------|
| 28-42         | 255 | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    | 11            | 1.0        |
| > 42          |     | .00  | 17.29 | 31.07 | 40.52  | 56.53   | 14.89   | .00     | .00     | .00     | .00   | .00     | 160.16 |               |            |
| TOTAL         |     | .00  | 17.29 | 31.07 | 40.52  | 56.53   | 14.89   | .00     | .00     | .00     | .00   | .00     | 160.16 |               |            |
| 28-42         | 256 | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    |               |            |
| > 42          |     | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 4.41    | 4.41   |               |            |
| TOTAL         |     | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 4.41    | 4.41   |               |            |
| 28-42         | 257 | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    | 1             | 1.4        |
| > 42          |     | .00  | .00   | .00   | .00    | 279.64  | .00     | .00     | .00     | .00     | .00   | .00     | 279.64 |               |            |
| TOTAL         |     | .00  | .00   | .00   | .00    | 279.64  | .00     | .00     | .00     | .00     | .00   | .00     | 279.64 |               |            |
| 28-42         | 261 | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    | 9             | 1.0        |
| > 42          |     | .00  | 36.74 | 63.90 | 87.46  | 153.36  | 57.91   | .00     | .00     | .00     | .00   | .00     | 399.40 |               |            |
| TOTAL         |     | .00  | 36.74 | 63.90 | 87.46  | 153.36  | 57.91   | .00     | .00     | .00     | .00   | .00     | 399.40 |               |            |
| 28-42         | 262 | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    | 2             | 3.0        |
| > 42          |     | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .46     | 2.27    | 1.44  | .00     | 4.18   |               |            |
| TOTAL         |     | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .46     | 2.27    | 1.44  | .00     | 4.18   |               |            |
| 28-42         | 263 | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    | 4             | 1.0        |
| > 42          |     | .00  | .00   | 22.54 | 34.65  | 53.47   | 9.23    | .00     | .00     | .00     | .00   | .00     | 119.91 |               |            |
| TOTAL         |     | .00  | .00   | 22.54 | 34.65  | 53.47   | 9.23    | .00     | .00     | .00     | .00   | .00     | 119.91 |               |            |
| 28-42         | 799 | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    | 11            | .9         |
| > 42          |     | .00  | .53   | 1.28  | 1.83   | 1.83    | .18     | .00     | .00     | .00     | .00   | .00     | 5.67   |               |            |
| TOTAL         |     | .00  | .53   | 1.28  | 1.83   | 1.83    | .18     | .00     | .00     | .00     | .00   | .00     | 5.67   |               |            |

COUNTY: TOTAL

|       |     |       |        |        |        |       |     |     |      |      |       |         |     |    |  |
|-------|-----|-------|--------|--------|--------|-------|-----|-----|------|------|-------|---------|-----|----|--|
| 28-42 | .00 | .00   | .00    | .00    | .00    | .00   | .00 | .00 | .00  | .00  | .00   | .00     | .00 | 38 |  |
| > 42  | .00 | 54.56 | 118.79 | 164.46 | 544.83 | 82.21 | .00 | .46 | 2.27 | 1.44 | 42.24 | 1011.20 |     |    |  |
| TOTAL | .00 | 54.56 | 118.79 | 164.46 | 544.83 | 82.21 | .00 | .46 | 2.27 | 1.44 | 42.24 | 1011.20 |     |    |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

490 UTAH

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 021 IRON

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |         | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|---------------|------------|
|               |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 | UNKNOWN |       |               |            |
| 28-42         | 268 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   | 50            | 6.5        |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .01     | 5.38  | .00     | 5.40  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .01     | 5.38  | .00     | 5.40  |               |            |

COUNTY: TOTAL

|       |  |     |     |     |     |     |     |     |     |     |      |     |      |    |  |
|-------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|------|----|--|
| 28-42 |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00  | .00 | .00  | 50 |  |
| > 42  |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .01 | 5.38 | .00 | 5.40 |    |  |
| TOTAL |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .01 | 5.38 | .00 | 5.40 |    |  |

COUNTY: 025 KANE

|       |     |     |        |       |        |        |       |       |       |     |     |     |        |   |     |
|-------|-----|-----|--------|-------|--------|--------|-------|-------|-------|-----|-----|-----|--------|---|-----|
| 28-42 | 253 | .00 | .00    | .00   | .00    | .00    | .00   | .00   | .00   | .00 | .00 | .00 | .00    | 8 | 1.3 |
| > 42  |     | .00 | .00    | 25.48 | 33.97  | 49.19  | 89.19 | 59.46 | 30.05 | .00 | .00 | .00 | 326.72 |   |     |
| TOTAL |     | .00 | .00    | 25.48 | 33.97  | 49.19  | 89.19 | 59.46 | 30.05 | .00 | .00 | .00 | 326.72 |   |     |
| 28-42 | 254 | .00 | .00    | .00   | .00    | .00    | .00   | .00   | .00   | .00 | .00 | .00 | .00    | 1 | .5  |
| > 42  |     | .00 | 237.52 | .00   | .00    | .00    | .00   | .00   | .00   | .00 | .00 | .00 | 237.52 |   |     |
| TOTAL |     | .00 | 237.52 | .00   | .00    | .00    | .00   | .00   | .00   | .00 | .00 | .00 | 237.52 |   |     |
| 28-42 | 255 | .00 | .00    | .00   | .00    | .00    | .00   | .00   | .00   | .00 | .00 | .00 | .00    | 2 | 1.1 |
| > 42  |     | .00 | .00    | .00   | 97.51  | 97.51  | .00   | .00   | .00   | .00 | .00 | .00 | 195.03 |   |     |
| TOTAL |     | .00 | .00    | .00   | 97.51  | 97.51  | .00   | .00   | .00   | .00 | .00 | .00 | 195.03 |   |     |
| 28-42 | 256 | .00 | .00    | .00   | .00    | .00    | .00   | .00   | .00   | .00 | .00 | .00 | .00    | 4 | 1.1 |
| > 42  |     | .00 | 8.94   | 15.57 | 21.47  | 37.23  | 8.94  | .00   | .00   | .00 | .00 | .00 | 92.17  |   |     |
| TOTAL |     | .00 | 8.94   | 15.57 | 21.47  | 37.23  | 8.94  | .00   | .00   | .00 | .00 | .00 | 92.17  |   |     |
| 28-42 | 257 | .00 | .00    | .00   | .00    | .00    | .00   | .00   | .00   | .00 | .00 | .00 | .00    | 6 | 1.1 |
| > 42  |     | .00 | 50.43  | 93.58 | 140.65 | 275.70 | .00   | .00   | .00   | .00 | .00 | .00 | 560.37 |   |     |
| TOTAL |     | .00 | 50.43  | 93.58 | 140.65 | 275.70 | .00   | .00   | .00   | .00 | .00 | .00 | 560.37 |   |     |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

490 UTAH

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
 MILLION SHORT TONS

COUNTY: 025 KANE

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |         | TOTAL  | NO. OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|--------|----------------|------------|
|               |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 | UNKNOWN |        |                |            |
| 28-42         | 260 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    | 1              | .9         |
| > 42          |     | .00                               | .00   | .00   | 3.97   | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 3.97   |                |            |
| TOTAL         |     | .00                               | .00   | .00   | 3.97   | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 3.97   |                |            |
| 28-42         | 265 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    |                |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 10.28   | 10.28  |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 10.28   | 10.28  |                |            |
| 28-42         | 266 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    | 1              | 1.5        |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | 23.00   | .00     | .00     | .00     | .00   | .00     | 23.00  |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | 23.00   | .00     | .00     | .00     | .00   | .00     | 23.00  |                |            |
| 28-42         | 268 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    |                |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 226.49  | 226.49 |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 226.49  | 226.49 |                |            |
| 28-42         | 270 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    |                |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 38.95   | 38.95  |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 38.95   | 38.95  |                |            |

COUNTY: TOTAL

|       |     |        |        |        |        |        |       |       |     |     |     |        |         |    |  |
|-------|-----|--------|--------|--------|--------|--------|-------|-------|-----|-----|-----|--------|---------|----|--|
| 28-42 | .00 | .00    | .00    | .00    | .00    | .00    | .00   | .00   | .00 | .00 | .00 | .00    | .00     | 23 |  |
| > 42  | .00 | 296.89 | 134.63 | 297.57 | 499.63 | 121.13 | 59.46 | 30.05 | .00 | .00 | .00 | 275.72 | 1714.50 |    |  |
| TOTAL | .00 | 296.89 | 134.63 | 297.57 | 499.63 | 121.13 | 59.46 | 30.05 | .00 | .00 | .00 | 275.72 | 1714.50 |    |  |

COUNTY: 041 SEVIER

|       |     |     |     |     |     |     |     |     |     |     |     |        |        |  |  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|--------|--|--|
| 28-42 | 260 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00    | .00    |  |  |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 142.36 | 142.36 |  |  |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 142.36 | 142.36 |  |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

490 UTAH

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 041 SEVIER

| THICK<br>NESS | BED   | ≤ .4 | .5-.6 | .7-.8 | RESERVES BY SULFUR RANGE, PERCENT |         |         |         |         |         |       | UNKNOWN | TOTAL  | NO.OF<br>ANAL | AVG<br>S % |  |
|---------------|-------|------|-------|-------|-----------------------------------|---------|---------|---------|---------|---------|-------|---------|--------|---------------|------------|--|
|               |       |      |       |       | .9-1.0                            | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |        |               |            |  |
| COUNTY:       | TOTAL |      |       |       |                                   |         |         |         |         |         |       |         |        |               |            |  |
| 28-42         |       | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    |               |            |  |
| > 42          |       | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 142.36 | 142.36        |            |  |
| TOTAL         |       | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 142.36 | 142.36        |            |  |

COUNTY: 047 Uintah

|       |     |     |      |      |      |      |       |      |      |     |     |     |       |     |    |     |
|-------|-----|-----|------|------|------|------|-------|------|------|-----|-----|-----|-------|-----|----|-----|
| 28-42 | 252 | .00 | .00  | .00  | .00  | .00  | .00   | .00  | .00  | .00 | .00 | .00 | .00   | .00 | 22 | 1.7 |
| > 42  |     | .00 | 1.04 | 1.64 | 2.65 | 9.10 | 12.16 | 9.18 | 4.39 | .00 | .00 | .00 | 40.28 |     |    |     |
| TOTAL |     | .00 | 1.04 | 1.64 | 2.65 | 9.10 | 12.16 | 9.18 | 4.39 | .00 | .00 | .00 | 40.28 |     |    |     |

COUNTY: TOTAL

|       |  |     |      |      |      |      |       |      |      |     |     |     |       |     |    |  |
|-------|--|-----|------|------|------|------|-------|------|------|-----|-----|-----|-------|-----|----|--|
| 28-42 |  | .00 | .00  | .00  | .00  | .00  | .00   | .00  | .00  | .00 | .00 | .00 | .00   | .00 | 22 |  |
| > 42  |  | .00 | 1.04 | 1.64 | 2.65 | 9.10 | 12.16 | 9.18 | 4.39 | .00 | .00 | .00 | 40.28 |     |    |  |
| TOTAL |  | .00 | 1.04 | 1.64 | 2.65 | 9.10 | 12.16 | 9.18 | 4.39 | .00 | .00 | .00 | 40.28 |     |    |  |

COUNTY: 055 WAYNE

|       |     |     |     |     |     |     |     |     |       |     |     |     |       |     |   |     |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----|-----|-----|-------|-----|---|-----|
| 28-42 | 262 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | .00 | .00 | .00 | .00   | .00 | 1 | 2.6 |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 22.75 | .00 | .00 | .00 | 22.75 |     |   |     |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 22.75 | .00 | .00 | .00 | 22.75 |     |   |     |

COUNTY: TOTAL

|       |  |     |     |     |     |     |     |     |       |     |     |     |       |     |   |  |
|-------|--|-----|-----|-----|-----|-----|-----|-----|-------|-----|-----|-----|-------|-----|---|--|
| 28-42 |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | .00 | .00 | .00 | .00   | .00 | 1 |  |
| > 42  |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 22.75 | .00 | .00 | .00 | 22.75 |     |   |  |
| TOTAL |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 22.75 | .00 | .00 | .00 | 22.75 |     |   |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

490 UTAH

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

| THICK<br>NESS | RED | RESERVES BY SULFUR RANGE, PERCENT |        |        |        |         |         |         |         |         |       |         | TOTAL   | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|--------|--------|--------|---------|---------|---------|---------|---------|-------|---------|---------|---------------|------------|
|               |     | ≤ .4                              | .5-.6  | .7-.8  | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 | UNKNOWN |         |               |            |
| STATE TOTAL   |     |                                   |        |        |        |         |         |         |         |         |       |         |         |               |            |
| 28-42         |     | .00                               | .00    | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00     | .00           | 225        |
| > 42          |     | 87.20                             | 726.21 | 638.13 | 464.68 | 1053.56 | 215.50  | 68.64   | 57.65   | 2.28    | 6.82  | 460.32  | 3780.46 |               |            |
| TOTAL         |     | 87.20                             | 726.21 | 638.13 | 464.68 | 1053.56 | 215.50  | 68.64   | 57.65   | 2.28    | 6.82  | 460.32  | 3780.46 |               |            |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

530 WASHINGTON

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
 MILLION SHORT TONS

COUNTY: 033 KING

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |         | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|---------------|------------|
|               |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 | UNKNOWN |       |               |            |
| 28-42         | 403 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   | 15            | .9         |
| > 42          |     | .08                               | .06   | .07   | .07    | .14     | .09     | .05     | .02     | .00     | .00   | .00     | .62   |               |            |
| TOTAL         |     | .08                               | .06   | .07   | .07    | .14     | .09     | .05     | .02     | .00     | .00   | .00     | .62   |               |            |
| 28-42         | 404 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   | 13            | .8         |
| > 42          |     | .09                               | .17   | .26   | .29    | .40     | .12     | .01     | .00     | .00     | .00   | .00     | 1.37  |               |            |
| TOTAL         |     | .09                               | .17   | .26   | .29    | .40     | .12     | .01     | .00     | .00     | .00   | .00     | 1.37  |               |            |
| 28-42         | 405 | .00                               | .08   | .13   | .16    | .32     | .16     | .05     | .01     | .00     | .00   | .00     | .95   | 14            | .9         |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| TOTAL         |     | .00                               | .08   | .13   | .16    | .32     | .16     | .05     | .01     | .00     | .00   | .00     | .95   |               |            |
| 28-42         | 406 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   | 12            | .8         |
| > 42          |     | .15                               | .25   | .33   | .31    | .34     | .06     | .00     | .00     | .00     | .00   | .00     | 1.46  |               |            |
| TOTAL         |     | .15                               | .25   | .33   | .31    | .34     | .06     | .00     | .00     | .00     | .00   | .00     | 1.46  |               |            |
| 28-42         | 407 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   | 5             | .6         |
| > 42          |     | .00                               | .36   | .37   | .13    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .88   |               |            |
| TOTAL         |     | .00                               | .36   | .37   | .13    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .88   |               |            |
| 28-42         | 419 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .47     | .47   |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .47     | .47   |               |            |
| 28-42         | 426 | .00                               | .64   | 1.48  | .64    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 2.78  | 4             | .7         |
| > 42          |     | .00                               | .23   | .53   | .23    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 1.00  |               |            |
| TOTAL         |     | .00                               | .87   | 2.01  | .87    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 3.78  |               |            |
| 28-42         | 430 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   | 5             | .6         |
| > 42          |     | .86                               | 1.57  | 1.56  | .84    | .32     | .00     | .00     | .00     | .00     | .00   | .00     | 5.17  |               |            |
| TOTAL         |     | .86                               | 1.57  | 1.56  | .84    | .32     | .00     | .00     | .00     | .00     | .00   | .00     | 5.17  |               |            |
| 28-42         | 436 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .22     | .22   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .22     | .22   |               |            |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

530 WASHINGTON

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 033 KING

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |         | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|---------------|------------|
|               |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 | UNKNOWN |       |               |            |
| 28-42         | 437 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .72     | .72   |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .72     | .72   |               |            |
| 28-42         | 440 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   | 3             | .4         |
| > 42          |     | .94                               | .59   | .28   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 1.82  |               |            |
| TOTAL         |     | .94                               | .59   | .28   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 1.82  |               |            |
| 28-42         | 441 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .47     | .47   |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .47     | .47   |               |            |
| 28-42         | 442 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   | 1             | .9         |
| > 42          |     | .00                               | .00   | .00   | .69    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .69   |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .69    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .69   |               |            |
| 28-42         | 444 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .44     | .44   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .44     | .44   |               |            |
| 28-42         | 445 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.68    | 2.68  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.68    | 2.68  |               |            |
| 28-42         | 446 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .44     | .44   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .44     | .44   |               |            |
| 28-42         | 449 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .93     | .93   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .93     | .93   |               |            |
| 28-42         | 451 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .56     | .56   |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .56     | .56   |               |            |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

530 WASHINGTON

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 033 KING

| THICK-<br>NESS | BED | ≤ .4 | .5-.6 | .7-.8 | RESERVES BY SULFUR RANGE, PERCENT |         |         |         |         |         |       | UNKNOWN | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|----------------|-----|------|-------|-------|-----------------------------------|---------|---------|---------|---------|---------|-------|---------|-------|---------------|------------|
|                |     |      |       |       | .9-1.0                            | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |       |               |            |
| 28-42          | 452 | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   | 3             | .5         |
| > 42           |     | .53  | .74   | .30   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 1.58  |               |            |
| TOTAL          |     | .53  | .74   | .30   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 1.58  |               |            |
| 28-42          | 453 | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| > 42           |     | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | 1.40    | 1.40  |               |            |
| TOTAL          |     | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | 1.40    | 1.40  |               |            |
| 28-42          | 455 | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| > 42           |     | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | 1.64    | 1.64  |               |            |
| TOTAL          |     | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | 1.64    | 1.64  |               |            |
| 28-42          | 457 | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   | 7             | .7         |
| > 42           |     | .40  | 1.04  | .92   | .31                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 2.68  |               |            |
| TOTAL          |     | .40  | 1.04  | .92   | .31                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 2.68  |               |            |
| 28-42          | 458 | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| > 42           |     | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | 1.57    | 1.57  |               |            |
| TOTAL          |     | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | 1.57    | 1.57  |               |            |
| 28-42          | 459 | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   | 2             | .5         |
| > 42           |     | 1.75 | 1.75  | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 3.50  |               |            |
| TOTAL          |     | 1.75 | 1.75  | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 3.50  |               |            |
| 28-42          | 799 | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   | 144           | .7         |
| > 42           |     | .04  | .07   | .07   | .04                               | .03     | .00     | .00     | .00     | .00     | .00   | .00     | .27   |               |            |
| TOTAL          |     | .04  | .07   | .07   | .04                               | .03     | .00     | .00     | .00     | .00     | .00   | .00     | .27   |               |            |
| 28-42          | 821 | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   | 1             | .9         |
| > 42           |     | .00  | .00   | .00   | 1.06                              | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 1.06  |               |            |
| TOTAL          |     | .00  | .00   | .00   | 1.06                              | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 1.06  |               |            |
| 28-42          | 828 | .00  | .00   | .00   | .00                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   | 109           | .8         |
| > 42           |     | .00  | .48   | 6.04  | .43                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 6.97  |               |            |
| TOTAL          |     | .00  | .48   | 6.04  | .43                               | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 6.97  |               |            |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

530 WASHINGTON

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 033 KING

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |         | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|---------------|------------|
|               |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 | UNKNOWN |       |               |            |
| COUNTY:       |     | TOTAL                             |       |       |        |         |         |         |         |         |       |         |       |               |            |
| 28-42         |     | .00                               | .77   | 1.61  | .80    | .32     | .16     | .05     | .01     | .00     | .00   | 2.03    | 5.76  | 338           |            |
| > 42          |     | 4.84                              | 7.31  | 10.73 | 4.40   | 1.23    | .27     | .06     | .02     | .00     | .00   | 9.51    | 38.58 |               |            |
| TOTAL         |     | 4.84                              | 8.03  | 12.34 | 5.20   | 1.55    | .43     | .11     | .03     | .00     | .00   | 11.54   | 44.34 |               |            |

COUNTY: 037 KITTITAS

|       |     |       |      |     |     |     |     |     |     |     |     |       |     |    |
|-------|-----|-------|------|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----|----|
| 28-42 | 821 | .00   | .00  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | 6   | .4 |
| > 42  |     | 42.29 | .00  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 42.29 |     |    |
| TOTAL |     | 42.29 | .00  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 42.29 |     |    |
| 28-42 | 823 | .00   | .00  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | 200 | .4 |
| > 42  |     | 10.29 | 1.20 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 11.50 |     |    |
| TOTAL |     | 10.29 | 1.20 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 11.50 |     |    |
| 28-42 | 824 | .00   | .00  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 8.75  |     |    |
| > 42  |     | .00   | .00  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   |     |    |
| TOTAL |     | .00   | .00  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 8.75  |     |    |
| 28-42 | 833 | 1.85  | .00  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 1.85  | 4   | .4 |
| > 42  |     | .00   | .00  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   |     |    |
| TOTAL |     | 1.85  | .00  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 1.85  |     |    |

COUNTY: TOTAL

|       |  |       |      |     |     |     |     |     |     |     |     |       |       |     |
|-------|--|-------|------|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|-----|
| 28-42 |  | 1.85  | .00  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 8.75  | 10.60 | 210 |
| > 42  |  | 52.58 | 1.20 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 53.79 |       |     |
| TOTAL |  | 54.43 | 1.20 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 64.39 |       |     |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

530 WASHINGTON

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
 MILLION SHORT TONS

COUNTY: 041 LEWIS

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |     | UNKNOWN | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|-----|---------|-------|---------------|------------|
|               |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |     |         |       |               |            |
| 28-42         | 499 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .00     | .00   | 2             | 1.3        |
| > 42          |     | .00                               | .00   | .00   | .00    | 1.79    | .00     | .00     | .00     | .00     | .00   | .00 | .00     | 1.79  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | 1.79    | .00     | .00     | .00     | .00     | .00   | .00 | .00     | 1.79  |               |            |
| 28-42         | 500 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .00     | .00   | 5             | .6         |
| > 42          |     | .23                               | .65   | .55   | .16    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .00     | 1.61  |               |            |
| TOTAL         |     | .23                               | .65   | .55   | .16    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .00     | 1.61  |               |            |
| 28-42         | 501 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .00     | .00   | 2             | 1.0        |
| > 42          |     | .00                               | .00   | .00   | 1.70   | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .00     | 1.70  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | 1.70   | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .00     | 1.70  |               |            |
| 28-42         | 799 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .00     | .00   | 118           | 1.1        |
| > 42          |     | .00                               | .20   | .25   | .28    | .53     | .34     | .17     | .07     | .02     | .01   | .00 | .00     | 1.92  |               |            |
| TOTAL         |     | .00                               | .20   | .25   | .28    | .53     | .34     | .17     | .07     | .02     | .01   | .00 | .00     | 1.92  |               |            |

COUNTY: TOTAL

|       |  |     |     |     |      |      |     |     |     |     |     |     |     |      |     |  |
|-------|--|-----|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|------|-----|--|
| 28-42 |  | .00 | .00 | .00 | .00  | .00  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00  | 127 |  |
| > 42  |  | .23 | .85 | .80 | 2.14 | 2.32 | .34 | .17 | .07 | .02 | .01 | .00 | .00 | 7.02 |     |  |
| TOTAL |  | .23 | .85 | .80 | 2.14 | 2.32 | .34 | .17 | .07 | .02 | .01 | .00 | .00 | 7.02 |     |  |

COUNTY: 053 PIERCE

|       |     |     |     |     |     |     |     |     |     |     |     |     |     |      |    |     |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|----|-----|
| 28-42 | 402 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00  | 3  | 1.0 |
| > 42  |     | .00 | .00 | .05 | .13 | .09 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .29  |    |     |
| TOTAL |     | .00 | .00 | .05 | .13 | .09 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .29  |    |     |
| 28-42 | 403 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00  | 10 | .8  |
| > 42  |     | .14 | .18 | .21 | .20 | .30 | .14 | .05 | .00 | .00 | .00 | .00 | .00 | 1.25 |    |     |
| TOTAL |     | .14 | .18 | .21 | .20 | .30 | .14 | .05 | .00 | .00 | .00 | .00 | .00 | 1.25 |    |     |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

530 WASHINGTON

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 053 PIERCE

| THICK-<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       | UNKNOWN | TOTAL | NO. OF<br>ANAL | AVG<br>S % |
|----------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|----------------|------------|
|                |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |       |                |            |
| 28-42          | 404 | .19                               | .15   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .36   | 11             | .4         |
| > 42           |     | .02                               | .01   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .04   |                |            |
| TOTAL          |     | .21                               | .17   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .40   |                |            |
| 28-42          | 405 | .10                               | .23   | .10   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .45   | 4              | .6         |
| > 42           |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |                |            |
| TOTAL          |     | .10                               | .23   | .10   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .45   |                |            |
| 28-42          | 406 | .19                               | .19   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .38   | 2              | .5         |
| > 42           |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |                |            |
| TOTAL          |     | .19                               | .19   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .38   |                |            |
| 28-42          | 407 | .00                               | .47   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .47   | 1              | .6         |
| > 42           |     | .00                               | 1.17  | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 1.17  |                |            |
| TOTAL          |     | .00                               | 1.64  | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 1.64  |                |            |
| 28-42          | 461 | .00                               | .30   | .35   | .38    | .62     | .32     | .00     | .00     | .00     | .00   | .00     | 2.00  | 9              | 1.0        |
| > 42           |     | .00                               | .84   | 1.08  | 1.13   | 1.82    | .94     | .00     | .00     | .00     | .00   | .00     | 5.87  |                |            |
| TOTAL          |     | .00                               | 1.14  | 1.44  | 1.51   | 2.44    | 1.26    | .00     | .00     | .00     | .00   | .00     | 7.87  |                |            |
| 28-42          | 462 | .11                               | .20   | .35   | .53    | 1.48    | 1.19    | .52     | .16     | .03     | .00   | .00     | 4.61  | 32             | 1.1        |
| > 42           |     | .03                               | .05   | .04   | .14    | .40     | .32     | .14     | .04     | .00     | .00   | .00     | 1.27  |                |            |
| TOTAL          |     | .14                               | .25   | .44   | .67    | 1.88    | 1.51    | .66     | .20     | .03     | .00   | .00     | 5.88  |                |            |
| 28-42          | 463 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   | 10             | .4         |
| > 42           |     | 7.04                              | 5.41  | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 12.51 |                |            |
| TOTAL          |     | 7.04                              | 5.41  | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 12.51 |                |            |
| 28-42          | 464 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   | 9              | .6         |
| > 42           |     | 2.42                              | 4.86  | 2.67  | .65    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 10.63 |                |            |
| TOTAL          |     | 2.42                              | 4.86  | 2.67  | .65    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 10.63 |                |            |
| 28-42          | 465 | .05                               | .07   | .09   | .11    | .31     | .36     | .33     | .24     | .15     | .08   | .00     | 1.84  | 8              | 1.4        |
| > 42           |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |                |            |
| TOTAL          |     | .05                               | .07   | .09   | .11    | .31     | .36     | .33     | .24     | .15     | .08   | .00     | 1.84  |                |            |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

530 WASHINGTON

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 053 PIERCE

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |         | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|---------------|------------|
|               |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 | UNKNOWN |       |               |            |
| 28-42         | 466 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   | 5             | .5         |
| > 42          |     | .93                               | 1.48  | .55   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 3.03  |               |            |
| TOTAL         |     | .93                               | 1.48  | .55   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 3.03  |               |            |
| 28-42         | 467 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   | 1             | .6         |
| > 42          |     | .00                               | 3.06  | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 3.06  |               |            |
| TOTAL         |     | .00                               | 3.06  | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 3.06  |               |            |
| 28-42         | 468 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   | 4             | .5         |
| > 42          |     | .34                               | .73   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 1.08  |               |            |
| TOTAL         |     | .34                               | .73   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 1.08  |               |            |
| 28-42         | 469 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   | 4             | .5         |
| > 42          |     | .00                               | 2.05  | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 2.05  |               |            |
| TOTAL         |     | .00                               | 2.05  | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 2.05  |               |            |
| 28-42         | 472 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .76     | .76   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .76     | .76   |               |            |
| 28-42         | 474 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   | 1             | .5         |
| > 42          |     | .00                               | 1.18  | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 1.18  |               |            |
| TOTAL         |     | .00                               | 1.18  | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 1.18  |               |            |
| 28-42         | 478 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   | 2             | .8         |
| > 42          |     | .00                               | .00   | 2.67  | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 2.67  |               |            |
| TOTAL         |     | .00                               | .00   | 2.67  | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 2.67  |               |            |
| 28-42         | 479 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   | 1             | .6         |
| > 42          |     | .00                               | 2.88  | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 2.88  |               |            |
| TOTAL         |     | .00                               | 2.88  | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 2.88  |               |            |
| 28-42         | 480 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   | 3             | .4         |
| > 42          |     | 2.77                              | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 2.77  |               |            |
| TOTAL         |     | 2.77                              | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 2.77  |               |            |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

530 WASHINGTON

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 053 PIERCE

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |     | UNKNOWN | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|-----|---------|-------|---------------|------------|
|               |     | ≤ .4                              | .4-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |     |         |       |               |            |
| 28-42         | 481 | .84                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .00     | .88   | 1             | .4         |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .00     | .00   |               |            |
| TOTAL         |     | .84                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .00     | .88   |               |            |
| 28-42         | 482 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .93     | .93   |               |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .00     | .00   |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .93     | .93   |               |            |
| 28-42         | 485 | .00                               | .63   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .00     | .63   | 1             | .5         |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .00     | .00   |               |            |
| TOTAL         |     | .00                               | .63   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .00     | .63   |               |            |

COUNTY: TOTAL

|       |       |       |      |      |      |      |      |     |     |     |      |       |     |
|-------|-------|-------|------|------|------|------|------|-----|-----|-----|------|-------|-----|
| 28-42 | 1.52  | 2.25  | .90  | 1.02 | 2.41 | 1.47 | .85  | .40 | .18 | .08 | 1.69 | 13.31 | 122 |
| > 42  | 13.79 | 23.95 | 7.32 | 2.25 | 2.61 | 1.40 | .19  | .04 | .00 | .00 | .00  | 51.75 |     |
| TOTAL | 15.31 | 24.20 | 8.22 | 3.27 | 5.02 | 3.27 | 1.04 | .44 | .18 | .08 | 1.69 | 65.06 |     |

COUNTY: 073 WHATCOM

|       |     |     |     |     |      |       |      |     |     |     |     |     |       |   |     |
|-------|-----|-----|-----|-----|------|-------|------|-----|-----|-----|-----|-----|-------|---|-----|
| 28-42 | 393 | .00 | .00 | .00 | .00  | 2.47  | .00  | .00 | .00 | .00 | .00 | .00 | 2.87  | 1 | 1.1 |
| > 42  |     | .00 | .00 | .00 | .00  | 2.45  | .00  | .00 | .00 | .00 | .00 | .00 | 2.85  |   |     |
| TOTAL |     | .00 | .00 | .00 | .00  | 4.92  | .00  | .00 | .00 | .00 | .00 | .00 | 5.72  |   |     |
| 28-42 | 394 | .00 | .00 | .00 | .00  | 7.13  | .00  | .00 | .00 | .00 | .00 | .00 | 7.13  | 1 | 1.2 |
| > 42  |     | .00 | .00 | .00 | .00  | 9.67  | .00  | .00 | .00 | .00 | .00 | .00 | 9.67  |   |     |
| TOTAL |     | .00 | .00 | .00 | .00  | 16.80 | .00  | .00 | .00 | .00 | .00 | .00 | 16.80 |   |     |
| 28-42 | 799 | .00 | .00 | .00 | 1.61 | 6.31  | 3.77 | .53 | .00 | .00 | .00 | .00 | 12.26 | 5 | 1.2 |
| > 42  |     | .00 | .00 | .00 | .21  | .84   | .50  | .07 | .00 | .00 | .00 | .00 | 1.64  |   |     |
| TOTAL |     | .00 | .00 | .00 | 1.82 | 7.15  | 4.27 | .60 | .00 | .00 | .00 | .00 | 13.90 |   |     |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

530 WASHINGTON

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 073 WHATCOM

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |         | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|---------------|------------|
|               |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 | UNKNOWN |       |               |            |
| 28-42         | R31 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   | 91            | .3         |
| > 42          |     | 33.96                             | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 33.96 |               |            |
| TOTAL         |     | 33.96                             | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 33.96 |               |            |

COUNTY: TOTAL

|       |       |     |     |      |       |      |     |     |     |     |     |     |       |    |  |
|-------|-------|-----|-----|------|-------|------|-----|-----|-----|-----|-----|-----|-------|----|--|
| 28-42 | .00   | .00 | .00 | 1.61 | 16.31 | 3.77 | .53 | .00 | .00 | .00 | .00 | .00 | 22.26 | 98 |  |
| > 42  | 33.96 | .00 | .00 | .21  | 13.36 | .50  | .07 | .00 | .00 | .00 | .00 | .00 | 48.12 |    |  |
| TOTAL | 33.96 | .00 | .00 | 1.82 | 29.67 | 4.27 | .60 | .00 | .00 | .00 | .00 | .00 | 70.38 |    |  |

STATE TOTAL

|       |        |       |       |       |       |      |      |     |     |     |       |        |     |  |  |
|-------|--------|-------|-------|-------|-------|------|------|-----|-----|-----|-------|--------|-----|--|--|
| 28-42 | 3.37   | 2.07  | 2.51  | 3.43  | 19.04 | 5.40 | 1.43 | .41 | .18 | .08 | 12.47 | 51.93  | 895 |  |  |
| > 42  | 105.40 | 33.31 | 18.85 | 9.00  | 19.52 | 2.51 | .49  | .13 | .02 | .01 | 9.51  | 199.26 |     |  |  |
| TOTAL | 108.77 | 35.28 | 21.36 | 12.43 | 38.56 | 7.91 | 1.92 | .54 | .20 | .09 | 21.98 | 251.19 |     |  |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

560 WYOMING

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
 MILLION SHORT TONS

COUNTY: 007 CARBON

| THICK<br>NESS | BED | ≤ .4 | .5-.6 | .7-.8 | RESERVES BY SULFUR RANGE, PERCENT |         |         |         |         |         |       | UNKNOWN | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|------|-------|-------|-----------------------------------|---------|---------|---------|---------|---------|-------|---------|-------|---------------|------------|
|               |     |      |       |       | .9-1.0                            | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |       |               |            |
| 28-42         | 799 | .86  | 2.15  | 3.32  | 1.90                              | .73     | .04     | .00     | .00     | .00     | .00   | .00     | 9.04  | 359           | .8         |
| > 42          |     | 2.89 | 7.18  | 11.10 | 6.36                              | 2.44    | .15     | .00     | .00     | .00     | .00   | .00     | 30.17 |               |            |
| TOTAL         |     | 3.75 | 9.33  | 14.42 | 8.26                              | 3.17    | .19     | .00     | .00     | .00     | .00   | .00     | 39.21 |               |            |

COUNTY: TOTAL

|       |  |      |      |       |      |      |     |     |     |     |     |     |       |     |  |
|-------|--|------|------|-------|------|------|-----|-----|-----|-----|-----|-----|-------|-----|--|
| 28-42 |  | .86  | 2.15 | 3.32  | 1.90 | .73  | .04 | .00 | .00 | .00 | .00 | .00 | 9.04  | 359 |  |
| > 42  |  | 2.89 | 7.18 | 11.10 | 6.36 | 2.44 | .15 | .00 | .00 | .00 | .00 | .00 | 30.17 |     |  |
| TOTAL |  | 3.75 | 9.33 | 14.42 | 8.26 | 3.17 | .19 | .00 | .00 | .00 | .00 | .00 | 39.21 |     |  |

COUNTY: 011 CROOK

|       |     |     |     |     |     |     |     |     |     |     |     |     |      |    |     |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|----|-----|
| 28-42 | 799 | .00 | .00 | .00 | .00 | .01 | .01 | .02 | .02 | .02 | .43 | .00 | .56  | 22 | 5.2 |
| > 42  |     | .00 | .00 | .00 | .00 | .01 | .01 | .02 | .02 | .03 | .45 | .00 | .59  |    |     |
| TOTAL |     | .00 | .00 | .00 | .00 | .02 | .02 | .04 | .04 | .05 | .88 | .00 | 1.15 |    |     |

COUNTY: TOTAL

|       |  |     |     |     |     |     |     |     |     |     |     |     |      |    |  |
|-------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|----|--|
| 28-42 |  | .00 | .00 | .00 | .00 | .01 | .01 | .02 | .02 | .02 | .43 | .00 | .56  | 22 |  |
| > 42  |  | .00 | .00 | .00 | .00 | .01 | .01 | .02 | .02 | .03 | .45 | .00 | .59  |    |  |
| TOTAL |  | .00 | .00 | .00 | .00 | .02 | .02 | .04 | .04 | .05 | .88 | .00 | 1.15 |    |  |

COUNTY: 023 LINCOLN

|       |     |       |       |        |       |        |       |       |      |     |     |     |        |    |    |
|-------|-----|-------|-------|--------|-------|--------|-------|-------|------|-----|-----|-----|--------|----|----|
| 28-42 | 799 | 7.15  | 9.52  | 8.81   | 7.83  | 19.28  | 4.45  | 1.61  | .34  | .00 | .00 | .00 | 48.99  | 29 | .7 |
| > 42  |     | 74.00 | 88.20 | 91.24  | 81.10 | 106.44 | 46.12 | 16.72 | 3.54 | .00 | .00 | .00 | 506.90 |    |    |
| TOTAL |     | 81.15 | 96.72 | 100.05 | 88.93 | 116.72 | 50.57 | 18.33 | 3.88 | .00 | .00 | .00 | 555.89 |    |    |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

560 WYOMING

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 023 LINCOLN

| THICK-<br>NESS | BED   | ≤ .4  | .5-.6 | .7-.8  | RESERVES BY SULFUR RANGE, PERCENT |         |         |         |         |         |       | UNKNOWN | TOTAL  | NO.OF<br>ANAL | AVG<br>S % |
|----------------|-------|-------|-------|--------|-----------------------------------|---------|---------|---------|---------|---------|-------|---------|--------|---------------|------------|
|                |       |       |       |        | .9-1.0                            | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |        |               |            |
| COUNTY:        | TOTAL |       |       |        |                                   |         |         |         |         |         |       |         |        |               |            |
| 28-42          |       | 7.15  | 4.52  | 8.81   | 7.83                              | 10.28   | 4.45    | 1.61    | .34     | .00     | .00   | .00     | 48.99  | 29            |            |
| > 42           |       | 74.00 | 89.20 | 91.24  | 81.10                             | 106.44  | 46.12   | 16.72   | 3.54    | .00     | .00   | .00     | 506.90 |               |            |
| TOTAL          |       | 81.15 | 93.72 | 100.05 | 88.93                             | 116.72  | 50.57   | 18.33   | 3.88    | .00     | .00   | .00     | 555.89 |               |            |

COUNTY: 029 PARK

|       |     |      |      |      |      |      |     |     |     |     |     |     |      |    |    |
|-------|-----|------|------|------|------|------|-----|-----|-----|-----|-----|-----|------|----|----|
| 28-42 | 799 | 1.45 | 1.54 | 1.74 | 1.33 | 1.12 | .00 | .00 | .00 | .00 | .00 | .00 | 7.20 | 35 | .7 |
| > 42  |     | .21  | .22  | .25  | .19  | .16  | .00 | .00 | .00 | .00 | .00 | .00 | 1.06 |    |    |
| TOTAL |     | 1.66 | 1.76 | 1.99 | 1.52 | 1.28 | .00 | .00 | .00 | .00 | .00 | .00 | 8.26 |    |    |

COUNTY: TOTAL

|       |  |      |      |      |      |      |     |     |     |     |     |     |      |    |  |
|-------|--|------|------|------|------|------|-----|-----|-----|-----|-----|-----|------|----|--|
| 28-42 |  | 1.45 | 1.54 | 1.74 | 1.33 | 1.12 | .00 | .00 | .00 | .00 | .00 | .00 | 7.20 | 35 |  |
| > 42  |  | .21  | .22  | .25  | .19  | .16  | .00 | .00 | .00 | .00 | .00 | .00 | 1.06 |    |  |
| TOTAL |  | 1.66 | 1.76 | 1.99 | 1.52 | 1.28 | .00 | .00 | .00 | .00 | .00 | .00 | 8.26 |    |  |

COUNTY: 037 SWEETWATER

|       |     |        |        |        |        |        |        |        |        |        |        |     |         |    |     |
|-------|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|---------|----|-----|
| 28-42 | 799 | 35.44  | 36.92  | 39.13  | 40.61  | 82.71  | 81.97  | 78.27  | 70.15  | 61.29  | 211.94 | .00 | 738.49  | 32 | 1.2 |
| > 42  |     | 127.84 | 133.21 | 141.20 | 145.53 | 248.40 | 295.73 | 282.41 | 253.10 | 221.13 | 764.65 | .00 | 2664.31 |    |     |
| TOTAL |     | 163.32 | 170.13 | 180.33 | 187.14 | 331.11 | 377.70 | 360.68 | 323.25 | 282.42 | 976.59 | .00 | 3402.80 |    |     |

COUNTY: TOTAL

|       |  |        |        |        |        |        |        |        |        |        |        |     |         |    |  |
|-------|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|---------|----|--|
| 28-42 |  | 35.44  | 36.92  | 39.13  | 40.61  | 82.71  | 81.97  | 78.27  | 70.15  | 61.29  | 211.94 | .00 | 738.49  | 32 |  |
| > 42  |  | 127.84 | 133.21 | 141.20 | 145.53 | 248.40 | 295.73 | 282.41 | 253.10 | 221.13 | 764.65 | .00 | 2664.31 |    |  |
| TOTAL |  | 163.32 | 170.13 | 180.33 | 187.14 | 331.11 | 377.70 | 360.68 | 323.25 | 282.42 | 976.59 | .00 | 3402.80 |    |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)  
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

560 WYOMING

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
 SED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
 MILLION SHORT TONS

COUNTY: 041 UINTA

| THICK<br>NFSS | 9FD | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |     | UNKNOWN | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|-----|---------|-------|---------------|------------|
|               |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |     |         |       |               |            |
| 28-42         | 799 | 1.19                              | .78   | .90   | 1.03   | 2.34    | 2.44    | 2.20    | 1.75    | 1.24    | 2.02  | .00 | 15.95   | 58    | 1.3           |            |
| > 42          |     | 35.90                             | 23.45 | 27.28 | 31.11  | 70.37   | 73.24   | 66.06   | 52.66   | 37.34   | 60.80 | .00 | 478.75  |       |               |            |
| TOTAL         |     | 37.09                             | 24.23 | 28.18 | 32.14  | 72.71   | 75.68   | 68.26   | 54.41   | 38.58   | 62.82 | .00 | 494.70  |       |               |            |

COUNTY: TOTAL

|       |       |       |       |       |       |       |       |       |       |       |     |        |    |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|--------|----|
| 28-42 | 1.19  | .78   | .90   | 1.03  | 2.34  | 2.44  | 2.20  | 1.75  | 1.24  | 2.02  | .00 | 15.95  | 58 |
| > 42  | 35.90 | 23.45 | 27.28 | 31.11 | 70.37 | 73.24 | 66.06 | 52.66 | 37.34 | 60.80 | .00 | 478.75 |    |
| TOTAL | 37.09 | 24.23 | 28.18 | 32.14 | 72.71 | 75.68 | 68.26 | 54.41 | 38.58 | 62.82 | .00 | 494.70 |    |

COUNTY: 045 WESTON

|       |     |     |     |     |     |     |     |     |     |     |     |       |       |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|
| 28-42 | 799 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 10.14 | 10.14 |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 11.88 | 11.88 |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 22.02 | 22.02 |

COUNTY: TOTAL

|       |     |     |     |     |     |     |     |     |     |     |     |       |       |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|
| 28-42 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 10.14 | 10.14 |
| > 42  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 11.88 | 11.88 |
| TOTAL | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 22.02 | 22.02 |

STATE TOTAL

|       |        |        |        |        |        |        |        |        |        |         |       |         |     |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|-------|---------|-----|
| 28-42 | 46.09  | 49.91  | 53.90  | 52.70  | 97.19  | 88.91  | 82.10  | 72.26  | 62.55  | 214.39  | 10.14 | 830.37  | 535 |
| > 42  | 240.88 | 252.26 | 271.07 | 265.29 | 477.82 | 415.25 | 365.21 | 309.32 | 258.50 | 825.90  | 11.88 | 3693.66 |     |
| TOTAL | 286.97 | 302.17 | 324.97 | 317.99 | 575.01 | 504.16 | 447.31 | 381.58 | 321.05 | 1040.29 | 22.02 | 4524.03 |     |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

WESTERN U.S. TOTAL

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
 MILLION SHORT TONS

| THICK<br>VFSS | BED | RESERVES BY SULFUR RANGE, PERCENT |         |         |         |         |         |         |         |         |         | UNKNOWN | TOTAL    | NO. OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------------|------------|
|               |     | ≤ .4                              | .5-.6   | .7-.8   | .9-1.0  | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0   |         |          |                |            |
| 28-42         |     | 114.05                            | 636.72  | 416.98  | 189.40  | 299.74  | 256.40  | 215.59  | 188.38  | 191.15  | 3948.29 | 2943.16 | 9402.56  | 8765           |            |
| > 42          |     | 839.39                            | 3402.67 | 2142.18 | 1103.93 | 2102.54 | 995.23  | 644.06  | 523.16  | 437.90  | 3519.51 | 5702.93 | 21415.09 |                |            |
| TOTAL         |     | 953.44                            | 4039.39 | 2559.16 | 1293.33 | 2402.28 | 1251.63 | 859.65  | 711.54  | 629.05  | 7467.80 | 8646.09 | 30817.65 |                |            |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

050 ARKANSAS

TABLE C-2 ..... UNDERGROUND ANTHRACITE RESERVE BASE BY STATE, COUNTY,  
 THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
 MILLION SHORT TONS

COUNTY: 071 JOHNSON

| THICK-<br>NESS | BED | ≤ .4 | .5-.6 | .7-.8 | RESERVES BY SULFUR RANGE, PERCENT |         |         |         |         |         |       | UNKNOWN | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|----------------|-----|------|-------|-------|-----------------------------------|---------|---------|---------|---------|---------|-------|---------|-------|---------------|------------|
|                |     |      |       |       | .9-1.0                            | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |       |               |            |
| 28-42          | 563 | .00  | .00   | .87   | 1.25                              | 4.24    | 7.56    | 10.82   | 11.42   | 8.86    | 9.46  | .00     | 54.40 | 82            | 2.4        |
| > 42           |     | .00  | .00   | .16   | .23                               | .78     | 1.39    | 1.99    | 2.10    | 1.63    | 1.74  | .00     | 10.00 |               |            |
| TOTAL          |     | .00  | .00   | 1.03  | 1.48                              | 5.02    | 8.95    | 12.81   | 13.52   | 10.49   | 11.20 | .00     | 64.40 |               |            |

COUNTY: TOTAL

|       |  |     |     |      |      |      |      |       |       |       |       |     |       |    |  |
|-------|--|-----|-----|------|------|------|------|-------|-------|-------|-------|-----|-------|----|--|
| 28-42 |  | .00 | .00 | .87  | 1.25 | 4.24 | 7.56 | 10.82 | 11.42 | 8.86  | 9.46  | .00 | 54.40 | 82 |  |
| > 42  |  | .00 | .00 | .16  | .23  | .78  | 1.39 | 1.99  | 2.10  | 1.63  | 1.74  | .00 | 10.00 |    |  |
| TOTAL |  | .00 | .00 | 1.03 | 1.48 | 5.02 | 8.95 | 12.81 | 13.52 | 10.49 | 11.20 | .00 | 64.40 |    |  |

COUNTY: 083 LOGAN

|       |     |     |     |     |      |       |     |     |     |     |     |     |       |   |     |
|-------|-----|-----|-----|-----|------|-------|-----|-----|-----|-----|-----|-----|-------|---|-----|
| 28-42 | 563 | .00 | .00 | .00 | 4.05 | 15.32 | .00 | .00 | .00 | .00 | .00 | .00 | 19.40 | 5 | 1.1 |
| > 42  |     | .00 | .00 | .00 | 1.63 | 6.16  | .00 | .00 | .00 | .00 | .00 | .00 | 7.80  |   |     |
| TOTAL |     | .00 | .00 | .00 | 5.68 | 21.48 | .00 | .00 | .00 | .00 | .00 | .00 | 27.20 |   |     |

COUNTY: TOTAL

|       |  |     |     |     |      |       |     |     |     |     |     |     |       |   |  |
|-------|--|-----|-----|-----|------|-------|-----|-----|-----|-----|-----|-----|-------|---|--|
| 28-42 |  | .00 | .00 | .00 | 4.05 | 15.32 | .00 | .00 | .00 | .00 | .00 | .00 | 19.40 | 5 |  |
| > 42  |  | .00 | .00 | .00 | 1.63 | 6.16  | .00 | .00 | .00 | .00 | .00 | .00 | 7.80  |   |  |
| TOTAL |  | .00 | .00 | .00 | 5.68 | 21.48 | .00 | .00 | .00 | .00 | .00 | .00 | 27.20 |   |  |

COUNTY: 115 POPE

|       |     |     |     |     |     |     |      |      |     |     |     |     |      |   |     |
|-------|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|------|---|-----|
| 28-42 | 563 | .00 | .00 | .00 | .00 | .00 | 1.55 | 1.55 | .00 | .00 | .00 | .00 | 3.10 | 6 | 1.8 |
| > 42  |     | .00 | .00 | .00 | .00 | .00 | .85  | .85  | .00 | .00 | .00 | .00 | 1.70 |   |     |
| TOTAL |     | .00 | .00 | .00 | .00 | .00 | 2.40 | 2.40 | .00 | .00 | .00 | .00 | 4.80 |   |     |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

050 ARKANSAS

TABLE C-2 ..... UNDERGROUND ANTHRACITE RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 115 POPE

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |         | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|---------------|------------|
|               |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 | UNKNOWN |       |               |            |
| COUNTY:       |     | TOTAL                             |       |       |        |         |         |         |         |         |       |         |       |               |            |
| 28-42         |     | .00                               | .00   | .00   | .00    | .00     | 1.55    | 1.55    | .00     | .00     | .00   | .00     | 3.10  | 6             |            |
| > 42          |     | .00                               | .00   | .00   | .00    | .00     | .85     | .85     | .00     | .00     | .00   | .00     | 1.70  |               |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | 2.40    | 2.40    | .00     | .00     | .00   | .00     | 4.80  |               |            |

STATE TOTAL

|       |     |     |      |      |       |       |       |       |       |       |     |       |    |
|-------|-----|-----|------|------|-------|-------|-------|-------|-------|-------|-----|-------|----|
| 28-42 | .00 | .00 | .87  | 5.30 | 19.56 | 9.11  | 12.37 | 11.42 | 8.86  | 9.46  | .00 | 76.90 | 93 |
| > 42  | .00 | .00 | .16  | 1.86 | 6.94  | 2.24  | 2.84  | 2.10  | 1.63  | 1.74  | .00 | 19.50 |    |
| TOTAL | .00 | .00 | 1.03 | 7.16 | 26.50 | 11.35 | 15.21 | 13.52 | 10.49 | 11.20 | .00 | 96.40 |    |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-2 ..... UNDERGROUND ANTHRACITE RESERVE BASE BY STATE, COUNTY,  
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
 MILLION SHORT TONS

COUNTY: 051 GUNNISON

| THICK<br>NESS | BED | ≤ .4 | .5-.6 | .7-.8 | RESERVES BY SULFUR RANGE, PERCENT |     |     |     |     |     |     | > 3.0 | UNKNOWN | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|------|-------|-------|-----------------------------------|-----|-----|-----|-----|-----|-----|-------|---------|-------|---------------|------------|
| 28-42         | 053 | .61  | .00   | .00   | .00                               | .00 | .00 | .00 | .00 | .00 | .00 | .00   | .00     | .61   | 2             | .4         |
| > 42          |     | .00  | .00   | .00   | .00                               | .00 | .00 | .00 | .00 | .00 | .00 | .00   | .00     | .00   |               |            |
| TOTAL         |     | .61  | .00   | .00   | .00                               | .00 | .00 | .00 | .00 | .00 | .00 | .00   | .00     | .61   |               |            |
| 28-42         | 054 | .00  | .00   | 6.07  | .00                               | .00 | .00 | .00 | .00 | .00 | .00 | .00   | .00     | 6.07  | 1             | .7         |
| > 42          |     | .00  | .00   | .00   | .00                               | .00 | .00 | .00 | .00 | .00 | .00 | .00   | .00     | .00   |               |            |
| TOTAL         |     | .00  | .00   | 6.07  | .00                               | .00 | .00 | .00 | .00 | .00 | .00 | .00   | .00     | 6.07  |               |            |
| 28-42         | 794 | 1.02 | 2.53  | 1.63  | .40                               | .08 | .00 | .00 | .00 | .00 | .00 | .00   | .00     | 5.69  | 86            | .6         |
| > 42          |     | 2.76 | 6.83  | 4.42  | 1.09                              | .23 | .00 | .00 | .00 | .00 | .00 | .00   | .00     | 15.37 |               |            |
| TOTAL         |     | 3.78 | 9.36  | 6.05  | 1.49                              | .31 | .00 | .00 | .00 | .00 | .00 | .00   | .00     | 21.06 |               |            |

COUNTY: TOTAL

|       |      |      |       |      |     |     |     |     |     |     |     |     |     |       |    |  |
|-------|------|------|-------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|----|--|
| 28-42 | 1.63 | 2.53 | 7.70  | .40  | .08 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 12.37 | 89 |  |
| > 42  | 2.76 | 6.83 | 4.42  | 1.09 | .23 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 15.37 |    |  |
| TOTAL | 4.39 | 9.36 | 12.12 | 1.49 | .31 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 27.74 |    |  |

STATE TOTAL

|       |      |      |       |      |     |     |     |     |     |     |     |     |     |       |    |  |
|-------|------|------|-------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|----|--|
| 28-42 | 1.63 | 2.53 | 7.70  | .40  | .08 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 12.37 | 89 |  |
| > 42  | 2.76 | 6.83 | 4.42  | 1.09 | .23 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 15.37 |    |  |
| TOTAL | 4.39 | 9.36 | 12.12 | 1.49 | .31 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 27.74 |    |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

350 NEW MEXICO

TABLE C-2 ..... UNDERGROUND ANTHRACITE RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 049 SANTA FE

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |         | TOTAL | NO.OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|---------------|------------|
|               |     | ≤ .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 | UNKNOWN |       |               |            |
| 28-42         | 799 | .00                               | .00   | .00   | 1.04   | .65     | .00     | .00     | .00     | .00     | .00   | .00     | 1.70  | 3             | 1.0        |
| > 42          |     | .00                               | .00   | .00   | .36    | .23     | .00     | .00     | .00     | .00     | .00   | .00     | .60   |               |            |
| TOTAL         |     | .00                               | .00   | .00   | 1.40   | .88     | .00     | .00     | .00     | .00     | .00   | .00     | 2.30  |               |            |

COUNTY: TOTAL

|       |     |     |     |      |     |     |     |     |     |     |     |     |      |   |  |
|-------|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|------|---|--|
| 28-42 | .00 | .00 | .00 | 1.04 | .65 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 1.70 | 3 |  |
| > 42  | .00 | .00 | .00 | .36  | .23 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .60  |   |  |
| TOTAL | .00 | .00 | .00 | 1.40 | .88 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 2.30 |   |  |

STATE TOTAL

|       |     |     |     |      |     |     |     |     |     |     |     |     |      |   |  |
|-------|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|------|---|--|
| 28-42 | .00 | .00 | .00 | 1.04 | .65 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 1.70 | 3 |  |
| > 42  | .00 | .00 | .00 | .36  | .23 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .60  |   |  |
| TOTAL | .00 | .00 | .00 | 1.40 | .88 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 2.30 |   |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

WESTERN U.S. TOTAL

TABLE C-2 ..... UNDERGROUND ANTHRACITE RESERVE BASE BY STATE, COUNTY,  
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
 MILLION SHORT TONS

| THICK-<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |         | TOTAL  | NO. OF<br>ANAL | AVG<br>S % |
|----------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|--------|----------------|------------|
|                |     | .5-.6                             | .6-.7 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 | UNKNOWN |        |                |            |
| 24-42          |     | 1.53                              | 2.53  | 6.57  | 6.74   | 20.27   | 9.11    | 12.37   | 11.42   | 8.86    | 9.46  | .00     | 90.97  | 185            |            |
| > 42           |     | 2.76                              | 6.83  | 4.58  | 3.31   | 7.40    | 2.24    | 2.84    | 2.10    | 1.63    | 1.74  | .00     | 35.47  |                |            |
| TOTAL          |     | 4.34                              | 9.36  | 13.15 | 10.05  | 27.67   | 11.35   | 15.21   | 13.52   | 10.49   | 11.20 | .00     | 126.44 |                |            |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

020 ALASKA

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 005 COOK INLET SUSITNA

| THICK<br>NESS | BED | < .4   | .5-.6  | .7-.8  | RESERVES BY SULFUR RANGE, PERCENT |         |         |         |         |         |       | UNKNOWN | TOTAL   | NO. OF<br>ANAL | AVG<br>S % |
|---------------|-----|--------|--------|--------|-----------------------------------|---------|---------|---------|---------|---------|-------|---------|---------|----------------|------------|
|               |     |        |        |        | .9-1.0                            | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |         |                |            |
| 60-120        | 799 | 30.26  | 27.36  | 21.37  | 10.83                             | 5.89    | .77     | .09     | .00     | .00     | .00   | .00     | 96.70   | 72             | .5         |
| > 120         |     | 699.71 | 632.64 | 494.04 | 250.37                            | 136.36  | 17.88   | 2.23    | .00     | .00     | .00   | .00     | 2235.50 |                |            |
| TOTAL         |     | 729.97 | 660.00 | 515.41 | 261.20                            | 142.25  | 18.65   | 2.32    | .00     | .00     | .00   | .00     | 2332.20 |                |            |

COUNTY: TOTAL

|        |        |        |        |        |        |       |      |     |     |     |     |         |    |
|--------|--------|--------|--------|--------|--------|-------|------|-----|-----|-----|-----|---------|----|
| 60-120 | 30.26  | 27.36  | 21.37  | 10.83  | 5.89   | .77   | .09  | .00 | .00 | .00 | .00 | 96.70   | 72 |
| > 120  | 699.71 | 632.64 | 494.04 | 250.37 | 136.36 | 17.88 | 2.23 | .00 | .00 | .00 | .00 | 2235.50 |    |
| TOTAL  | 729.97 | 660.00 | 515.41 | 261.20 | 142.25 | 18.65 | 2.32 | .00 | .00 | .00 | .00 | 2332.20 |    |

COUNTY: 007 KENAI PENINSULA

|        |     |      |      |      |     |     |     |     |     |     |     |     |       |   |    |
|--------|-----|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-------|---|----|
| 60-120 | 799 | 5.02 | 6.80 | 3.28 | .89 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 16.00 | 9 | .5 |
| > 120  |     | .00  | .00  | .00  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   |   |    |
| TOTAL  |     | 5.02 | 6.80 | 3.28 | .89 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 16.00 |   |    |

COUNTY: TOTAL

|        |      |      |      |     |     |     |     |     |     |     |     |       |   |
|--------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-------|---|
| 60-120 | 5.02 | 6.80 | 3.28 | .89 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 16.00 | 9 |
| > 120  | .00  | .00  | .00  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   |   |
| TOTAL  | 5.02 | 6.80 | 3.28 | .89 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 16.00 |   |

COUNTY: 014 YUKON RIVER

|        |     |         |        |       |     |     |     |     |     |     |     |     |         |    |    |
|--------|-----|---------|--------|-------|-----|-----|-----|-----|-----|-----|-----|-----|---------|----|----|
| 60-120 | 799 | .00     | .00    | .00   | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00     | 45 | .3 |
| > 120  |     | 1412.26 | 417.60 | 68.33 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 1898.20 |    |    |
| TOTAL  |     | 1412.26 | 417.60 | 68.33 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 1898.20 |    |    |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

020 ALASKA

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 014 YUKON RIVER

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |         |        |        |         |         |         |         |         |       |         | TOTAL | NO. OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|---------|--------|--------|---------|---------|---------|---------|---------|-------|---------|-------|----------------|------------|
|               |     | < .4                              | .5-.6   | .7-.8  | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 | UNKNOWN |       |                |            |
| COUNTY:       |     | TOTAL                             |         |        |        |         |         |         |         |         |       |         |       |                |            |
| 60-120        |     | .00                               |         | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   | .00            | 40         |
| > 120         |     | 1412.26                           | 417.60  | 68.33  | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   | 1898.20        |            |
| TOTAL         |     | 1412.26                           | 417.60  | 68.33  | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   | 1898.20        |            |
| STATE TOTAL   |     |                                   |         |        |        |         |         |         |         |         |       |         |       |                |            |
| 60-120        |     | 35.28                             | 34.16   | 24.65  | 11.72  | 5.89    | .77     | .09     | .00     | .00     | .00   | .00     | .00   | 112.70         | 126        |
| > 120         |     | 2111.97                           | 1050.24 | 562.37 | 250.37 | 136.36  | 17.88   | 2.23    | .00     | .00     | .00   | .00     | .00   | 4133.70        |            |
| TOTAL         |     | 2147.25                           | 1084.40 | 587.02 | 262.09 | 142.25  | 18.65   | 2.32    | .00     | .00     | .00   | .00     | .00   | 4246.40        |            |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 001 ADAMS

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |      | UNKNOWN | TOTAL | NO. OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|------|---------|-------|----------------|------------|
|               |     | < .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |      |         |       |                |            |
| 60-120        | 037 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 4.62 | 4.62    |       |                |            |
| > 120         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00  | .00     |       |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 4.62 | 4.62    |       |                |            |
| 60-120        | 799 | 57.93                             | 57.93 | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00  | 115.87  | 4     | .5             |            |
| > 120         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00  | .00     |       |                |            |
| TOTAL         |     | 57.93                             | 57.93 | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00  | 115.87  |       |                |            |
| 60-120        | 988 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00  | .00     |       |                |            |
| > 120         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.15 | 2.15    |       |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.15 | 2.15    |       |                |            |

COUNTY: TOTAL

|        |       |       |     |     |     |     |     |     |     |     |     |      |        |   |  |  |
|--------|-------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|--------|---|--|--|
| 60-120 | 57.93 | 57.93 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 4.62 | 120.49 | 4 |  |  |
| > 120  | .00   | .00   | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 2.15 | 2.15   |   |  |  |
| TOTAL  | 57.93 | 57.93 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 6.77 | 122.64 |   |  |  |

COUNTY: 005 ARAPAHOE

|        |     |     |     |     |     |     |     |     |     |     |     |       |       |  |  |  |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|--|--|--|
| 60-120 | 799 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 70.12 | 70.12 |  |  |  |
| > 120  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | .00   |  |  |  |
| TOTAL  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 70.12 | 70.12 |  |  |  |

COUNTY: TOTAL

|        |     |     |     |     |     |     |     |     |     |     |     |       |       |  |  |  |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|--|--|--|
| 60-120 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 70.12 | 70.12 |  |  |  |
| > 120  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | .00   |  |  |  |
| TOTAL  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 70.12 | 70.12 |  |  |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 013 BOULDER

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |         | TOTAL  | NO. OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|--------|----------------|------------|
|               |     | < .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 | UNKNOWN |        |                |            |
| 60-120        | 032 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .80     | .80    |                |            |
| > 120         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .80     | .80    |                |            |
| 60-120        | 033 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.71    | 2.71   |                |            |
| > 120         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.71    | 2.71   |                |            |
| 60-120        | 037 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 60.31   | 60.31  |                |            |
| > 120         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 60.31   | 60.31  |                |            |
| 60-120        | 039 | 22.78                             | 36.33 | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 59.17  | 6              | .5         |
| > 120         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    |                |            |
| TOTAL         |     | 22.78                             | 36.33 | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 59.17  |                |            |
| 60-120        | 768 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 8.05    | 8.05   |                |            |
| > 120         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 8.05    | 8.05   |                |            |
| 60-120        | 986 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    |                |            |
| > 120         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 28.79   | 28.79  |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 28.79   | 28.79  |                |            |
| 60-120        | 994 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.47    | 2.47   |                |            |
| > 120         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .94     | .94    |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 3.41    | 3.41   |                |            |
| COUNTY: TOTAL |     |                                   |       |       |        |         |         |         |         |         |       |         |        |                |            |
| 60-120        |     | 22.78                             | 36.33 | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 74.34   | 133.51 | 6              |            |
| > 120         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 29.73   | 29.73  |                |            |
| TOTAL         |     | 22.78                             | 36.33 | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 104.07  | 163.24 |                |            |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

08J COLORADO

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
 MILLION SHORT TONS

COUNTY: 029 DELTA

| THICK-<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       | UNKNOWN | TOTAL  | NO. OF<br>ANAL | AVG<br>S % |
|----------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|--------|----------------|------------|
|                |     | < .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |        |                |            |
| 60-120         | 704 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 42.07   | 42.07  |                |            |
| > 120          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 67.08   | 67.08  |                |            |
| TOTAL          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 109.15  | 109.15 |                |            |
| 60-120         | 753 | 15.64                             | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 15.64  | 1              | .4         |
| > 120          |     | 11.81                             | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 11.81  |                |            |
| TOTAL          |     | 27.45                             | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 27.45  |                |            |
| 60-120         | 754 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    | 19             | .6         |
| > 120          |     | .00                               | 7.92  | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 7.92   |                |            |
| TOTAL          |     | .00                               | 7.92  | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 7.92   |                |            |
| 60-120         | 755 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 15.14   | 15.14  |                |            |
| > 120          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 18.95   | 18.95  |                |            |
| TOTAL          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 34.09   | 34.09  |                |            |
| 60-120         | 756 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 18.21   | 18.21  |                |            |
| > 120          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    |                |            |
| TOTAL          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 18.21   | 18.21  |                |            |
| 60-120         | 757 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 8.14    | 8.14   |                |            |
| > 120          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    |                |            |
| TOTAL          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 8.14    | 8.14   |                |            |

COUNTY: TOTAL

|        |       |      |     |     |     |     |     |     |     |     |     |        |        |    |  |
|--------|-------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|--------|----|--|
| 60-120 | 15.64 | .00  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 83.56  | 99.20  | 20 |  |
| > 120  | 11.81 | 7.92 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 86.03  | 105.76 |    |  |
| TOTAL  | 27.45 | 7.92 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 169.59 | 204.96 |    |  |

COUNTY: 035 DOUGLAS

|        |     |     |     |     |     |     |      |      |     |     |     |     |      |   |     |
|--------|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|------|---|-----|
| 60-120 | 799 | .00 | .00 | .00 | .00 | .56 | 2.75 | 1.74 | .00 | .00 | .00 | .00 | 5.07 | 2 | 1.8 |
| > 120  |     | .00 | .00 | .00 | .00 | .00 | .00  | .00  | .00 | .00 | .00 | .00 | .00  |   |     |
| TOTAL  |     | .00 | .00 | .00 | .00 | .56 | 2.75 | 1.74 | .00 | .00 | .00 | .00 | 5.07 |   |     |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
 MILLION SHORT TONS

COUNTY: 035 DOUGLAS

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       | UNKNOWN | TOTAL | NO. OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|----------------|------------|
|               |     | < .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |       |                |            |
| COUNTY:       |     | TOTAL                             |       |       |        |         |         |         |         |         |       |         |       |                |            |
| 60-120        |     | .00                               | .00   | .00   | .00    | .56     | 2.75    | 1.74    | .00     | .00     | .00   | .00     | 5.07  | 2              |            |
| > 120         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .56     | 2.75    | 1.74    | .00     | .00     | .00   | .00     | 5.07  |                |            |

COUNTY: 039 ELBERT

|            |  |     |     |        |     |     |     |     |     |     |     |     |        |   |    |
|------------|--|-----|-----|--------|-----|-----|-----|-----|-----|-----|-----|-----|--------|---|----|
| 60-120 799 |  | .00 | .00 | 248.81 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 248.81 | 1 | .7 |
| > 120      |  | .00 | .00 | .00    | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00    |   |    |
| TOTAL      |  | .00 | .00 | 248.81 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 248.81 |   |    |

COUNTY: TOTAL

|        |  |     |     |        |     |     |     |     |     |     |     |     |        |   |  |
|--------|--|-----|-----|--------|-----|-----|-----|-----|-----|-----|-----|-----|--------|---|--|
| 60-120 |  | .00 | .00 | 248.81 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 248.81 | 1 |  |
| > 120  |  | .00 | .00 | .00    | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00    |   |  |
| TOTAL  |  | .00 | .00 | 248.81 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 248.81 |   |  |

COUNTY: 041 EL PASO

|            |       |       |     |     |     |     |     |     |     |     |     |     |        |    |    |
|------------|-------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|----|----|
| 60-120 030 | 67.27 | 56.61 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 123.89 | 39 | .4 |
| > 120      | .00   | .00   | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00    |    |    |
| TOTAL      | 67.27 | 56.61 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 123.89 |    |    |

COUNTY: TOTAL

|        |       |       |     |     |     |     |     |     |     |     |     |     |        |    |  |
|--------|-------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|----|--|
| 60-120 | 67.27 | 56.61 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 123.89 | 39 |  |
| > 120  | .00   | .00   | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00    |    |  |
| TOTAL  | 67.27 | 56.61 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 123.89 |    |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 051 GUNNISON

| THICK-<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       | UNKNOWN | TOTAL  | NO. OF<br>ANAL | AVG<br>S % |
|----------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|--------|----------------|------------|
|                |     | < .4                              | .5-.6 | .7-.9 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |        |                |            |
| 60-120         | 799 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    | 86             | .6         |
| > 120          |     | 39.60                             | 97.92 | 63.37 | 15.62  | 3.30    | .00     | .00     | .00     | .00     | .00   | .00     | 220.05 |                |            |
| TOTAL          |     | 39.60                             | 97.92 | 63.37 | 15.62  | 3.30    | .00     | .00     | .00     | .00     | .00   | .00     | 220.05 |                |            |

COUNTY: TOTAL

|        |       |       |       |       |      |     |     |     |     |     |     |     |        |    |  |
|--------|-------|-------|-------|-------|------|-----|-----|-----|-----|-----|-----|-----|--------|----|--|
| 60-120 | .00   | .00   | .00   | .00   | .00  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00    | 86 |  |
| > 120  | 39.60 | 97.92 | 63.37 | 15.62 | 3.30 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 220.05 |    |  |
| TOTAL  | 39.60 | 97.92 | 63.37 | 15.62 | 3.30 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 220.05 |    |  |

COUNTY: 057 JACKSON

|        |     |       |       |       |       |     |     |     |     |     |     |       |        |   |     |
|--------|-----|-------|-------|-------|-------|-----|-----|-----|-----|-----|-----|-------|--------|---|-----|
| 60-120 | 042 | .00   | .00   | .00   | .00   | .00 | .00 | .00 | .00 | .00 | .00 | 12.65 | 12.65  |   |     |
| > 120  |     | .00   | .00   | .00   | .00   | .00 | .00 | .00 | .00 | .00 | .00 | 20.73 | 20.73  |   |     |
| TOTAL  |     | .00   | .00   | .00   | .00   | .00 | .00 | .00 | .00 | .00 | .00 | 33.38 | 33.38  |   |     |
| 60-120 | 043 | .00   | .00   | .00   | .00   | .00 | .00 | .00 | .00 | .00 | .00 | 8.26  | 8.26   |   |     |
| > 120  |     | .00   | .00   | .00   | .00   | .00 | .00 | .00 | .00 | .00 | .00 | .00   | .00    |   |     |
| TOTAL  |     | .00   | .00   | .00   | .00   | .00 | .00 | .00 | .00 | .00 | .00 | 8.26  | 8.26   |   |     |
| 60-120 | 044 | .00   | .00   | .00   | 12.65 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | 12.65  | 2 | 1.0 |
| > 120  |     | .00   | .00   | .00   | .00   | .00 | .00 | .00 | .00 | .00 | .00 | .00   | .00    |   |     |
| TOTAL  |     | .00   | .00   | .00   | 12.65 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | 12.65  |   |     |
| 60-120 | 046 | .00   | .00   | .00   | .00   | .00 | .00 | .00 | .00 | .00 | .00 | .00   | .00    | 5 | .5  |
| > 120  |     | 51.61 | 64.43 | 39.65 | 15.21 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | 170.91 |   |     |
| TOTAL  |     | 51.61 | 64.43 | 39.65 | 15.21 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | 170.91 |   |     |
| 60-120 | 047 | .00   | .00   | .00   | .00   | .00 | .00 | .00 | .00 | .00 | .00 | .00   | .00    |   |     |
| > 120  |     | .00   | .00   | .00   | .00   | .00 | .00 | .00 | .00 | .00 | .00 | 8.65  | 8.65   |   |     |
| TOTAL  |     | .00   | .00   | .00   | .00   | .00 | .00 | .00 | .00 | .00 | .00 | 8.65  | 8.65   |   |     |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 057 JACKSON

| THICK-<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |        |       |        |         |         |         |         |         |       | UNKNOWN | TOTAL  | NO. OF<br>ANAL | AVG<br>S % |
|----------------|-----|-----------------------------------|--------|-------|--------|---------|---------|---------|---------|---------|-------|---------|--------|----------------|------------|
|                |     | < .4                              | .5-.6  | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |        |                |            |
| 60-120         | 048 | .00                               | .00    | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    |                |            |
| > 120          |     | .00                               | .00    | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 18.29  |                |            |
| TOTAL          |     | .00                               | .00    | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 18.29  |                |            |
| 60-120         | 049 | 3.72                              | 1.04   | .36   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 5.13   | 6              | .3         |
| > 120          |     | 403.28                            | 112.61 | 39.38 | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 554.73 |                |            |
| TOTAL          |     | 407.00                            | 113.65 | 39.74 | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 559.86 |                |            |
| 60-120         | 050 | .00                               | .00    | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 11.51   | 11.51  |                |            |
| > 120          |     | .00                               | .00    | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    |                |            |
| TOTAL          |     | .00                               | .00    | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 11.51   | 11.51  |                |            |

COUNTY: TOTAL

|        |        |        |       |       |     |     |     |     |     |     |     |       |        |    |  |
|--------|--------|--------|-------|-------|-----|-----|-----|-----|-----|-----|-----|-------|--------|----|--|
| 60-120 | 3.72   | 1.04   | .36   | 12.65 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 32.42 | 50.20  | 13 |  |
| > 120  | 454.89 | 177.04 | 79.03 | 15.21 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 47.67 | 773.31 |    |  |
| TOTAL  | 458.61 | 178.08 | 79.39 | 27.86 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 80.09 | 823.51 |    |  |

COUNTY: 059 JEFFERSON

|        |     |       |       |       |      |     |     |     |     |     |     |     |        |    |    |
|--------|-----|-------|-------|-------|------|-----|-----|-----|-----|-----|-----|-----|--------|----|----|
| 60-120 | 799 | 81.34 | 59.74 | 14.18 | 2.36 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 157.65 | 24 | .4 |
| > 120  |     | 9.42  | 6.92  | 1.64  | .27  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 18.26  |    |    |
| TOTAL  |     | 90.76 | 66.66 | 15.82 | 2.63 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 175.91 |    |    |

COUNTY: TOTAL

|        |       |       |       |      |     |     |     |     |     |     |     |     |        |    |  |
|--------|-------|-------|-------|------|-----|-----|-----|-----|-----|-----|-----|-----|--------|----|--|
| 60-120 | 81.34 | 59.74 | 14.18 | 2.36 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 157.65 | 24 |  |
| > 120  | 9.42  | 6.92  | 1.64  | .27  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 18.26  |    |  |
| TOTAL  | 90.76 | 66.66 | 15.82 | 2.63 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 175.91 |    |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 077 MESA

| THICK-<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       | UNKNOWN | TOTAL | NO. OF<br>ANAL | AVG<br>S % |
|----------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|----------------|------------|
|                |     | < .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |       |                |            |
| 60-120         | 704 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 8.99    | 8.99  |                |            |
| > 120          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |                |            |
| TOTAL          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 8.99    | 8.99  |                |            |

COUNTY: TOTAL

|        |  |     |     |     |     |     |     |     |     |     |     |      |      |  |  |
|--------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|--|--|
| 60-120 |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 8.99 | 8.99 |  |  |
| > 120  |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00  | .00  |  |  |
| TOTAL  |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 8.99 | 8.99 |  |  |

COUNTY: 081 MUFFAT

|        |     |       |       |       |      |     |     |     |     |     |     |       |       |   |    |
|--------|-----|-------|-------|-------|------|-----|-----|-----|-----|-----|-----|-------|-------|---|----|
| 60-120 | 674 | 7.38  | 13.24 | 11.92 | 5.22 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | 38.45 | 5 | .6 |
| > 120  |     | 5.79  | 10.87 | 9.42  | 4.10 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | 30.20 |   |    |
| TOTAL  |     | 13.17 | 24.11 | 21.41 | 9.32 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | 68.65 |   |    |
| 60-120 | 150 | .00   | .00   | .00   | .00  | .00 | .00 | .00 | .00 | .00 | .00 | 57.07 | 57.07 |   |    |
| > 120  |     | .00   | .00   | .00   | .00  | .00 | .00 | .00 | .00 | .00 | .00 | 25.94 | 25.94 |   |    |
| TOTAL  |     | .00   | .00   | .00   | .00  | .00 | .00 | .00 | .00 | .00 | .00 | 83.01 | 83.01 |   |    |
| 60-120 | 158 | .00   | .00   | .00   | .00  | .00 | .00 | .00 | .00 | .00 | .00 | 38.67 | 38.67 |   |    |
| > 120  |     | .00   | .00   | .00   | .00  | .00 | .00 | .00 | .00 | .00 | .00 | .00   | .00   |   |    |
| TOTAL  |     | .00   | .00   | .00   | .00  | .00 | .00 | .00 | .00 | .00 | .00 | 38.67 | 38.67 |   |    |
| 60-120 | 161 | .00   | .00   | .00   | .00  | .00 | .00 | .00 | .00 | .00 | .00 | 4.85  | 4.85  |   |    |
| > 120  |     | .00   | .00   | .00   | .00  | .00 | .00 | .00 | .00 | .00 | .00 | .00   | .00   |   |    |
| TOTAL  |     | .00   | .00   | .00   | .00  | .00 | .00 | .00 | .00 | .00 | .00 | 4.85  | 4.85  |   |    |
| 60-120 | 162 | .00   | .00   | .00   | .00  | .00 | .00 | .00 | .00 | .00 | .00 | 2.72  | 2.72  |   |    |
| > 120  |     | .00   | .00   | .00   | .00  | .00 | .00 | .00 | .00 | .00 | .00 | .00   | .00   |   |    |
| TOTAL  |     | .00   | .00   | .00   | .00  | .00 | .00 | .00 | .00 | .00 | .00 | 2.72  | 2.72  |   |    |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 081 MOFFAT

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       | UNKNOWN | TOTAL  | NO. OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|--------|----------------|------------|
|               |     | < .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |        |                |            |
| 60-120        | 163 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 31.57   | 31.57  |                |            |
| > 120         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 82.41   | 82.41  |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 113.98  | 113.98 |                |            |
| 60-120        | 164 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 153.97  | 153.97 |                |            |
| > 120         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 16.48   | 16.48  |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 170.45  | 170.45 |                |            |
| 60-120        | 799 | 73.55                             | 19.90 | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 93.46  | 7              | .4         |
| > 120         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    |                |            |
| TOTAL         |     | 73.55                             | 19.90 | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 93.46  |                |            |

COUNTY: TOTAL

|        |       |       |       |      |     |     |     |     |     |     |     |        |        |    |  |
|--------|-------|-------|-------|------|-----|-----|-----|-----|-----|-----|-----|--------|--------|----|--|
| 60-120 | 80.93 | 33.74 | 11.99 | 5.22 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 288.85 | 420.76 | 12 |  |
| > 120  | 5.79  | 10.87 | 9.42  | 4.10 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 124.83 | 155.03 |    |  |
| TOTAL  | 86.72 | 44.61 | 21.41 | 9.32 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 413.68 | 575.79 |    |  |

COUNTY: 085 MONTROUSE

|        |     |     |       |       |       |     |     |     |     |     |     |     |        |    |    |
|--------|-----|-----|-------|-------|-------|-----|-----|-----|-----|-----|-----|-----|--------|----|----|
| 60-120 | 799 | .00 | .00   | .00   | .00   | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00    | 17 | .7 |
| > 120  |     | .00 | 32.37 | 47.80 | 20.14 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 100.23 |    |    |
| TOTAL  |     | .00 | 32.37 | 47.80 | 20.14 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 100.23 |    |    |

COUNTY: TOTAL

|        |     |       |       |       |     |     |     |     |     |     |     |     |        |    |  |
|--------|-----|-------|-------|-------|-----|-----|-----|-----|-----|-----|-----|-----|--------|----|--|
| 60-120 | .00 | .00   | .00   | .00   | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00    | 17 |  |
| > 120  | .00 | 32.37 | 47.80 | 20.14 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 100.23 |    |  |
| TOTAL  | .00 | 32.37 | 47.80 | 20.14 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 100.23 |    |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 091 DURAY

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |        |        |        |         |         |         |         |         |       |     | UNKNOWN | TOTAL  | NO. OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|--------|--------|--------|---------|---------|---------|---------|---------|-------|-----|---------|--------|----------------|------------|
|               |     | < .4                              | .5-.6  | .7-.8  | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |     |         |        |                |            |
| 60-120        | 799 | .00                               | .00    | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .00     | .00    | 2              | .8         |
| > 120         |     | .00                               | 200.56 | 301.46 | 200.56 | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .00     | 762.59 |                |            |
| TOTAL         |     | .00                               | 200.56 | 301.46 | 200.56 | .00     | .00     | .00     | .00     | .00     | .00   | .00 | .00     | 762.59 |                |            |

COUNTY: TOTAL

|        |  |     |        |        |        |     |     |     |     |     |     |     |     |        |   |  |
|--------|--|-----|--------|--------|--------|-----|-----|-----|-----|-----|-----|-----|-----|--------|---|--|
| 60-120 |  | .00 | .00    | .00    | .00    | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00    | 2 |  |
| > 120  |  | .00 | 200.56 | 301.46 | 200.56 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 762.59 |   |  |
| TOTAL  |  | .00 | 200.56 | 301.46 | 200.56 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 762.59 |   |  |

COUNTY: 107 RUUTT

|        |     |     |     |     |     |     |     |     |     |     |     |        |        |  |  |  |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|--------|--|--|--|
| 60-120 | 156 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 49.95  | 49.95  |  |  |  |
| > 120  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 106.11 | 106.11 |  |  |  |
| TOTAL  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 156.06 | 156.06 |  |  |  |
| 60-120 | 157 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 136.09 | 136.09 |  |  |  |
| > 120  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00    | .00    |  |  |  |
| TOTAL  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 136.09 | 136.09 |  |  |  |
| 60-120 | 158 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 57.03  | 57.03  |  |  |  |
| > 120  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00    | .00    |  |  |  |
| TOTAL  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 57.03  | 57.03  |  |  |  |
| 60-120 | 159 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 19.51  | 19.51  |  |  |  |
| > 120  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00    | .00    |  |  |  |
| TOTAL  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 19.51  | 19.51  |  |  |  |
| 60-120 | 160 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 27.90  | 27.90  |  |  |  |
| > 120  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 19.07  | 19.07  |  |  |  |
| TOTAL  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 46.97  | 46.97  |  |  |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 107 ROUTT

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |      | UNKNOWN | TOTAL | NO. OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|------|---------|-------|----------------|------------|
|               |     | < .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |      |         |       |                |            |
| 60-120        | 161 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.38 | 1.38    |       |                |            |
| > 120         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00  | .00     |       |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.38 | 1.38    |       |                |            |
| 60-120        | 163 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .50  | .50     |       |                |            |
| > 120         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00  | .00     |       |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .50  | .50     |       |                |            |
| 60-120        | 799 | 19.43                             | 26.17 | 40.90 | 45.81  | 55.63   | 14.11   | 2.65    | .00     | .00     | .00   | .00  | 204.53  | 205   | .9             |            |
| > 120         |     | 5.04                              | 6.79  | 10.62 | 11.89  | 14.44   | 3.66    | .69     | .00     | .00     | .00   | .00  | 53.11   |       |                |            |
| TOTAL         |     | 24.47                             | 32.96 | 51.52 | 57.70  | 70.07   | 17.77   | 3.34    | .00     | .00     | .00   | .00  | 257.64  |       |                |            |

COUNTY: TOTAL

|        |       |       |       |       |       |       |      |     |     |     |        |        |     |  |  |  |
|--------|-------|-------|-------|-------|-------|-------|------|-----|-----|-----|--------|--------|-----|--|--|--|
| 60-120 | 19.43 | 26.17 | 40.90 | 45.81 | 55.63 | 14.11 | 2.65 | .00 | .00 | .00 | 292.36 | 496.89 | 205 |  |  |  |
| > 120  | 5.04  | 6.79  | 10.62 | 11.89 | 14.44 | 3.66  | .69  | .00 | .00 | .00 | 125.18 | 178.29 |     |  |  |  |
| TOTAL  | 24.47 | 32.96 | 51.52 | 57.70 | 70.07 | 17.77 | 3.34 | .00 | .00 | .00 | 417.54 | 675.18 |     |  |  |  |

COUNTY: 123 WELD

|        |     |     |     |     |     |     |     |     |     |     |     |       |       |  |  |  |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|--|--|--|
| 60-120 | 032 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 3.39  | 3.39  |  |  |  |
| > 120  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | .00   |  |  |  |
| TOTAL  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 3.39  | 3.39  |  |  |  |
| 60-120 | 033 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 5.81  | 5.81  |  |  |  |
| > 120  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .48   | .48   |  |  |  |
| TOTAL  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 6.29  | 6.29  |  |  |  |
| 60-120 | 034 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 27.35 | 27.35 |  |  |  |
| > 120  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 2.53  | 2.53  |  |  |  |
| TOTAL  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 29.88 | 29.88 |  |  |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 123 WELD

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       | UNKNOWN | TOTAL  | NO. OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|--------|----------------|------------|
|               |     | < .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |        |                |            |
| 60-120        | 035 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 11.09   | 11.09  |                |            |
| > 120         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 11.09   | 11.09  |                |            |
| 60-120        | 036 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .20     | .20    |                |            |
| > 120         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .20     | .20    |                |            |
| 60-120        | 768 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 276.07  | 276.07 |                |            |
| > 120         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 18.29   | 18.29  |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 294.36  | 294.36 |                |            |
| 60-120        | 799 | 81.34                             | 33.46 | 3.93  | .35    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 119.10 | 2012           | .4         |
| > 120         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    |                |            |
| TOTAL         |     | 81.34                             | 33.46 | 3.93  | .35    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 119.10 |                |            |

COUNTY: TOTAL

|        |       |       |      |     |     |     |     |     |     |     |     |        |        |      |  |
|--------|-------|-------|------|-----|-----|-----|-----|-----|-----|-----|-----|--------|--------|------|--|
| 60-120 | 81.34 | 33.46 | 3.93 | .35 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 323.91 | 443.01 | 2012 |  |
| > 120  | .00   | .00   | .00  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 21.30  | 21.30  |      |  |
| TOTAL  | 81.34 | 33.46 | 3.93 | .35 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 345.21 | 464.31 |      |  |

STATE TOTAL

|        |        |        |        |        |       |       |      |     |     |     |     |         |         |      |  |
|--------|--------|--------|--------|--------|-------|-------|------|-----|-----|-----|-----|---------|---------|------|--|
| 60-120 | 430.38 | 305.07 | 320.17 | 66.39  | 56.19 | 16.86 | 4.39 | .00 | .00 | .00 | .00 | 1179.17 | 2378.59 | 2443 |  |
| > 120  | 526.55 | 540.30 | 573.34 | 267.79 | 17.74 | 3.66  | .69  | .00 | .00 | .00 | .00 | 436.89  | 2366.70 |      |  |
| TOTAL  | 956.93 | 845.46 | 893.51 | 334.18 | 73.93 | 20.52 | 5.08 | .00 | .00 | .00 | .00 | 1616.06 | 4745.29 |      |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

300 MONTANA

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 003 BIG HORN

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |          |         |        |         |         |         |         |         |       | UNKNOWN | TOTAL    | NO. OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|----------|---------|--------|---------|---------|---------|---------|---------|-------|---------|----------|----------------|------------|
|               |     | ≤ .4                              | .5-.6    | .7-.8   | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |          |                |            |
| 60-120        | 799 | 5604.68                           | 5071.52  | 1872.56 | 468.14 | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 13003.92 | 18             | .4         |
| > 120         |     | 6348.33                           | 5744.43  | 2121.02 | 530.25 | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 14729.31 |                |            |
| TOTAL         |     | 11953.01                          | 10815.95 | 3993.58 | 998.39 | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 27733.23 |                |            |

COUNTY: TOTAL

|        |          |          |         |        |     |     |     |     |     |     |     |     |          |    |  |
|--------|----------|----------|---------|--------|-----|-----|-----|-----|-----|-----|-----|-----|----------|----|--|
| 60-120 | 5604.68  | 5071.52  | 1872.56 | 468.14 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 13003.92 | 18 |  |
| > 120  | 6348.33  | 5744.43  | 2121.02 | 530.25 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 14729.31 |    |  |
| TOTAL  | 11953.01 | 10815.95 | 3993.58 | 998.39 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 27733.23 |    |  |

COUNTY: 005 BLAINE

|        |     |     |       |      |     |     |     |     |     |     |     |     |       |    |    |
|--------|-----|-----|-------|------|-----|-----|-----|-----|-----|-----|-----|-----|-------|----|----|
| 60-120 | 799 | .00 | 8.00  | 1.04 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 9.05  | 30 | .6 |
| > 120  |     | .00 | 8.00  | 1.04 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 9.05  |    |    |
| TOTAL  |     | .00 | 16.00 | 2.08 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 18.10 |    |    |

COUNTY: TOTAL

|        |     |       |      |     |     |     |     |     |     |     |     |     |       |    |  |
|--------|-----|-------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|----|--|
| 60-120 | .00 | 8.00  | 1.04 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 9.05  | 30 |  |
| > 120  | .00 | 8.00  | 1.04 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 9.05  |    |  |
| TOTAL  | .00 | 16.00 | 2.08 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 18.10 |    |  |

COUNTY: 015 CHOUTEAU

|        |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|
| 60-120 | 799 | .00 | .06 | .20 | .23 | .08 | .00 | .00 | .00 | .00 | .00 | .00 | .58 | 22 | .8 |
| > 120  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |    |    |
| TOTAL  |     | .00 | .06 | .20 | .23 | .08 | .00 | .00 | .00 | .00 | .00 | .00 | .58 |    |    |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

300 MONTANA

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 015 CHouteau

| THICK<br>NESS | BED   | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       | TOTAL   | NO. OF<br>ANAL | AVG<br>S % |
|---------------|-------|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|----------------|------------|
|               |       | < .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 | UNKNOWN |                |            |
| COUNTY:       | TOTAL |                                   |       |       |        |         |         |         |         |         |       |         |                |            |
| 60-120        |       | .00                               | .05   | .20   | .23    | .08     | .00     | .00     | .00     | .00     | .00   | .00     | .58            | 22         |
| > 120         |       | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00            |            |
| TOTAL         |       | .00                               | .06   | .20   | .23    | .08     | .00     | .00     | .00     | .00     | .00   | .00     | .58            |            |

COUNTY: 017 CUSTER

|        |     |        |        |        |        |       |     |     |     |     |     |     |         |    |    |
|--------|-----|--------|--------|--------|--------|-------|-----|-----|-----|-----|-----|-----|---------|----|----|
| 60-120 | 799 | 259.38 | 449.14 | 397.26 | 191.12 | 66.89 | .00 | .00 | .00 | .00 | .00 | .00 | 1365.17 | 13 | .6 |
| > 120  |     | .00    | .00    | .00    | .00    | .00   | .00 | .00 | .00 | .00 | .00 | .00 | .00     |    |    |
| TOTAL  |     | 259.38 | 449.14 | 397.26 | 191.12 | 66.89 | .00 | .00 | .00 | .00 | .00 | .00 | 1365.17 |    |    |

COUNTY: TOTAL

|        |  |        |        |        |        |       |     |     |     |     |     |     |         |    |  |
|--------|--|--------|--------|--------|--------|-------|-----|-----|-----|-----|-----|-----|---------|----|--|
| 60-120 |  | 259.38 | 449.14 | 397.26 | 191.12 | 66.89 | .00 | .00 | .00 | .00 | .00 | .00 | 1365.17 | 13 |  |
| > 120  |  | .00    | .00    | .00    | .00    | .00   | .00 | .00 | .00 | .00 | .00 | .00 | .00     |    |  |
| TOTAL  |  | 259.38 | 449.14 | 397.26 | 191.12 | 66.89 | .00 | .00 | .00 | .00 | .00 | .00 | 1365.17 |    |  |

COUNTY: 033 GARFIELD

|        |     |     |        |     |     |     |     |     |     |     |     |     |        |   |    |
|--------|-----|-----|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|---|----|
| 60-120 | 799 | .00 | 110.28 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 110.28 | 2 | .6 |
| > 120  |     | .00 | 5.15   | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 5.15   |   |    |
| TOTAL  |     | .00 | 115.43 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 115.43 |   |    |

COUNTY: TOTAL

|        |  |     |        |     |     |     |     |     |     |     |     |     |        |   |  |
|--------|--|-----|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|---|--|
| 60-120 |  | .00 | 110.28 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 110.28 | 2 |  |
| > 120  |  | .00 | 5.15   | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 5.15   |   |  |
| TOTAL  |  | .00 | 115.43 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 115.43 |   |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

300 . ENA

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED. THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

| THICK<br>NESS            | BED | RESERVES BY SULFUR RANGE, PERCENT |         |        |        |         |         |         |         |         |       |         | TOTAL    | NO. OF<br>ANAL | AVG<br>S % |
|--------------------------|-----|-----------------------------------|---------|--------|--------|---------|---------|---------|---------|---------|-------|---------|----------|----------------|------------|
|                          |     | ≤ .4                              | .5-.6   | .7-.8  | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 | UNKNOWN |          |                |            |
| COUNTY: 065 MUSSELSHELL  |     |                                   |         |        |        |         |         |         |         |         |       |         |          |                |            |
| 60-120                   | 799 | 629.32                            | 806.16  | 298.19 | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 1733.68  | 8              | .5         |
| > 120                    |     | 589.39                            | 755.01  | 279.27 | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 1623.69  |                |            |
| TOTAL                    |     | 1218.71                           | 1561.17 | 577.46 | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 3357.37  |                |            |
| COUNTY: TOTAL            |     |                                   |         |        |        |         |         |         |         |         |       |         |          |                |            |
| 60-120                   |     | 629.32                            | 806.16  | 298.19 | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 1733.68  | 8              |            |
| > 120                    |     | 589.39                            | 755.01  | 279.27 | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 1623.69  |                |            |
| TOTAL                    |     | 1218.71                           | 1561.17 | 577.46 | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 3357.37  |                |            |
| COUNTY: 075 POWDER RIVER |     |                                   |         |        |        |         |         |         |         |         |       |         |          |                |            |
| 60-120                   | 799 | 8034.63                           | .00     | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 8034.63  | 14             | .3         |
| > 120                    |     | 3308.46                           | .00     | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 3308.46  |                |            |
| TOTAL                    |     | 11343.09                          | .00     | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 11343.09 |                |            |
| COUNTY: TOTAL            |     |                                   |         |        |        |         |         |         |         |         |       |         |          |                |            |
| 60-120                   |     | 8034.63                           | .00     | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 8034.63  | 14             |            |
| > 120                    |     | 3308.46                           | .00     | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 3308.46  |                |            |
| TOTAL                    |     | 11343.09                          | .00     | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 11343.09 |                |            |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

300 MONTANA

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
 MILLION SHORT TONS

COUNTY: 087 ROSEBUD

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |         |         |         |         |         |         |         |         |       | UNKNOWN | TOTAL    | NO. OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------|---------|----------|----------------|------------|
|               |     | ≤ .4                              | .5-.6   | .7-.8   | .9-1.0  | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |          |                |            |
| 60-120        | 799 | 1618.06                           | 4593.22 | 4945.54 | 1892.09 | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 13048.94 | 8              | .7         |
| > 120         |     | 731.85                            | 2077.52 | 2236.87 | 855.79  | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 5902.05  |                |            |
| TOTAL         |     | 2349.91                           | 6670.74 | 7182.41 | 2747.88 | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 18950.99 |                |            |

COUNTY:

TOTAL

|        |         |         |         |         |     |     |     |     |     |     |     |     |          |   |
|--------|---------|---------|---------|---------|-----|-----|-----|-----|-----|-----|-----|-----|----------|---|
| 60-120 | 1618.06 | 4593.22 | 4945.54 | 1892.09 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 13048.94 | 8 |
| > 120  | 731.85  | 2077.52 | 2236.87 | 855.79  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 5902.05  |   |
| TOTAL  | 2349.91 | 6670.74 | 7182.41 | 2747.88 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 18950.99 |   |

COUNTY: 103 TREASURE

|        |     |     |     |     |     |     |     |        |     |     |     |     |        |   |     |
|--------|-----|-----|-----|-----|-----|-----|-----|--------|-----|-----|-----|-----|--------|---|-----|
| 60-120 | 799 | .00 | .00 | .00 | .00 | .00 | .00 | 651.83 | .00 | .00 | .00 | .00 | 651.83 | 1 | 1.9 |
| > 120  |     | .00 | .00 | .00 | .00 | .00 | .00 | 324.26 | .00 | .00 | .00 | .00 | 324.26 |   |     |
| TOTAL  |     | .00 | .00 | .00 | .00 | .00 | .00 | 976.09 | .00 | .00 | .00 | .00 | 976.09 |   |     |

COUNTY:

TOTAL

|        |     |     |     |     |     |     |     |        |     |     |     |     |        |   |
|--------|-----|-----|-----|-----|-----|-----|-----|--------|-----|-----|-----|-----|--------|---|
| 60-120 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 651.83 | .00 | .00 | .00 | .00 | 651.83 | 1 |
| > 120  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 324.26 | .00 | .00 | .00 | .00 | 324.26 |   |
| TOTAL  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 976.09 | .00 | .00 | .00 | .00 | 976.09 |   |

COUNTY: 111 YELLOWSTONE

|        |     |       |        |        |        |        |       |      |     |     |     |     |        |    |    |
|--------|-----|-------|--------|--------|--------|--------|-------|------|-----|-----|-----|-----|--------|----|----|
| 60-120 | 799 | 33.34 | 59.90  | 75.84  | 62.56  | 52.52  | 9.73  | 1.18 | .00 | .00 | .00 | .00 | 295.10 | 19 | .7 |
| > 120  |     | 33.34 | 59.90  | 75.84  | 62.56  | 52.52  | 9.73  | 1.18 | .00 | .00 | .00 | .00 | 295.10 |    |    |
| TOTAL  |     | 66.68 | 119.80 | 151.68 | 125.12 | 105.04 | 19.46 | 2.36 | .00 | .00 | .00 | .00 | 590.20 |    |    |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

300 MONTANA

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 111 YELLOWSTONE

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |        |        |        |         |         |         |         |         |       |         | TOTAL  | NO. OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|--------|--------|--------|---------|---------|---------|---------|---------|-------|---------|--------|----------------|------------|
|               |     | < .4                              | .5-.6  | .7-.8  | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 | UNKNOWN |        |                |            |
| COUNTY:       |     | TOTAL                             |        |        |        |         |         |         |         |         |       |         |        |                |            |
| 60-120        |     | 33.34                             | 59.90  | 75.84  | 62.56  | 52.52   | 9.73    | 1.18    | .00     | .00     | .00   | .00     | 295.10 | 19             |            |
| > 120         |     | 33.34                             | 59.90  | 75.84  | 62.56  | 52.52   | 9.73    | 1.18    | .00     | .00     | .00   | .00     | 295.10 |                |            |
| TOTAL         |     | 66.68                             | 119.80 | 151.68 | 125.12 | 105.04  | 19.46   | 2.36    | .00     | .00     | .00   | .00     | 590.20 |                |            |

STATE TOTAL

|        |          |          |          |         |        |       |        |     |     |     |     |     |          |     |
|--------|----------|----------|----------|---------|--------|-------|--------|-----|-----|-----|-----|-----|----------|-----|
| 60-120 | 16179.41 | 11098.28 | 7590.63  | 2614.14 | 119.49 | 9.73  | 653.01 | .00 | .00 | .00 | .00 | .00 | 38253.18 | 135 |
| > 120  | 11011.37 | 8650.01  | 4714.04  | 1448.60 | 52.52  | 9.73  | 325.44 | .00 | .00 | .00 | .00 | .00 | 26197.07 |     |
| TOTAL  | 27190.78 | 19748.29 | 12304.67 | 4062.74 | 172.01 | 19.46 | 978.45 | .00 | .00 | .00 | .00 | .00 | 64450.25 |     |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

350 NEW MEXICO

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 031 MCKINLEY

| THICK-<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |     | UNKNOWN | TOTAL | NO. OF<br>ANAL | AVG<br>S % |
|----------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|-----|---------|-------|----------------|------------|
|                |     | < .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |     |         |       |                |            |
| 60-120         | 799 | 15.63                             | 28.96 | 28.38 | 14.86  | 7.19    | .76     | .09     | .00     | .00     | .00   | .00 | 95.90   | 656   | .7             |            |
| > 120          |     | 2.86                              | 5.31  | 5.20  | 2.72   | 1.32    | .14     | .01     | .00     | .00     | .00   | .00 | 17.60   |       |                |            |
| TOTAL          |     | 18.49                             | 34.27 | 33.58 | 17.58  | 8.51    | .90     | .10     | .00     | .00     | .00   | .00 | 113.50  |       |                |            |

COUNTY: TOTAL

|        |       |       |       |       |      |     |     |     |     |     |     |     |        |     |
|--------|-------|-------|-------|-------|------|-----|-----|-----|-----|-----|-----|-----|--------|-----|
| 60-120 | 15.63 | 28.96 | 28.38 | 14.86 | 7.19 | .76 | .09 | .00 | .00 | .00 | .00 | .00 | 95.90  | 656 |
| > 120  | 2.86  | 5.31  | 5.20  | 2.72  | 1.32 | .14 | .01 | .00 | .00 | .00 | .00 | .00 | 17.60  |     |
| TOTAL  | 18.49 | 34.27 | 33.58 | 17.58 | 8.51 | .90 | .10 | .00 | .00 | .00 | .00 | .00 | 113.50 |     |

COUNTY: 039 RIO ARriba

|        |     |     |     |     |     |     |     |     |     |     |     |     |      |     |     |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|
| 60-120 | 799 | .00 | .17 | .20 | .22 | .49 | .51 | .44 | .34 | .24 | .34 | .00 | 3.00 | 118 | 1.3 |
| > 120  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00  |     |     |
| TOTAL  |     | .00 | .17 | .20 | .22 | .49 | .51 | .44 | .34 | .24 | .34 | .00 | 3.00 |     |     |

COUNTY: TOTAL

|        |     |     |     |     |     |     |     |     |     |     |     |     |      |     |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|
| 60-120 | .00 | .17 | .20 | .22 | .49 | .51 | .44 | .34 | .24 | .34 | .00 | .00 | 3.00 | 118 |
| > 120  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00  |     |
| TOTAL  | .00 | .17 | .20 | .22 | .49 | .51 | .44 | .34 | .24 | .34 | .00 | .00 | 3.00 |     |

COUNTY: 043 SANDOVAL

|        |     |     |     |      |      |       |       |       |      |     |     |     |       |    |     |
|--------|-----|-----|-----|------|------|-------|-------|-------|------|-----|-----|-----|-------|----|-----|
| 60-120 | 799 | .00 | .00 | 1.97 | 3.34 | 11.96 | 15.26 | 9.84  | 3.90 | .80 | .00 | .00 | 47.10 | 21 | 1.5 |
| > 120  |     | .00 | .00 | .04  | .07  | .27   | .35   | .22   | .07  | .01 | .00 | .00 | 1.10  |    |     |
| TOTAL  |     | .00 | .00 | 2.01 | 3.41 | 12.23 | 15.61 | 10.06 | 3.97 | .81 | .00 | .00 | 48.20 |    |     |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

350 NEW MEXICO

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 043 SANDOVAL

| THICK-<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |         | TOTAL | NO. OF<br>ANAL | AVG<br>S % |
|----------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|----------------|------------|
|                |     | < .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 | UNKNOWN |       |                |            |
| COUNTY:        |     | TOTAL                             |       |       |        |         |         |         |         |         |       |         |       |                |            |
| 60-120         |     | .00                               | .00   | 1.97  | 3.34   | 11.96   | 15.26   | 9.84    | 3.90    | .80     | .00   | .00     | 47.10 | 21             |            |
| > 120          |     | .00                               | .00   | .04   | .07    | .27     | .35     | .22     | .09     | .01     | .00   | .00     | 1.10  |                |            |
| TOTAL          |     | .00                               | .00   | 2.01  | 3.41   | 12.23   | 15.61   | 10.06   | 3.99    | .81     | .00   | .00     | 48.20 |                |            |

COUNTY: 045 SAN JUAN

|            |     |       |        |        |        |       |     |     |     |     |     |     |        |    |    |
|------------|-----|-------|--------|--------|--------|-------|-----|-----|-----|-----|-----|-----|--------|----|----|
| 60-120 799 | .00 | 70.15 | 119.22 | 121.80 | 107.16 | 12.48 | .00 | .00 | .00 | .00 | .00 | .00 | 430.40 | 49 | .8 |
| > 120      | .00 | 1.92  | 3.26   | 3.33   | 2.93   | .34   | .00 | .00 | .00 | .00 | .00 | .00 | 11.80  |    |    |
| TOTAL      | .00 | 72.07 | 122.48 | 125.13 | 110.09 | 12.82 | .00 | .00 | .00 | .00 | .00 | .00 | 442.20 |    |    |

COUNTY: TOTAL

|        |     |       |        |        |        |       |     |     |     |     |     |     |        |    |  |
|--------|-----|-------|--------|--------|--------|-------|-----|-----|-----|-----|-----|-----|--------|----|--|
| 60-120 | .00 | 70.15 | 119.22 | 121.80 | 107.16 | 12.48 | .00 | .00 | .00 | .00 | .00 | .00 | 430.40 | 49 |  |
| > 120  | .00 | 1.92  | 3.26   | 3.33   | 2.93   | .34   | .00 | .00 | .00 | .00 | .00 | .00 | 11.80  |    |  |
| TOTAL  | .00 | 72.07 | 122.48 | 125.13 | 110.09 | 12.82 | .00 | .00 | .00 | .00 | .00 | .00 | 442.20 |    |  |

COUNTY: 061 VALENCIA

|            |     |     |     |     |     |     |     |     |     |     |     |     |     |   |     |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|-----|
| 60-120 799 | .00 | .00 | .01 | .02 | .04 | .02 | .00 | .00 | .00 | .00 | .00 | .00 | .10 | 8 | 1.1 |
| > 120      | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |   |     |
| TOTAL      | .00 | .00 | .01 | .02 | .04 | .02 | .00 | .00 | .00 | .00 | .00 | .00 | .10 |   |     |

COUNTY: TOTAL

|        |     |     |     |     |     |     |     |     |     |     |     |     |     |   |  |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|--|
| 60-120 | .00 | .00 | .01 | .02 | .04 | .02 | .00 | .00 | .00 | .00 | .00 | .00 | .10 | 8 |  |
| > 120  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |   |  |
| TOTAL  | .00 | .00 | .01 | .02 | .04 | .02 | .00 | .00 | .00 | .00 | .00 | .00 | .10 |   |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

350 NEW MEXICO

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |        |        |        |         |         |         |         |         |       |         | TOTAL  | NO. OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|--------|--------|--------|---------|---------|---------|---------|---------|-------|---------|--------|----------------|------------|
|               |     | ≤ .4                              | .5-.6  | .7-.8  | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 | UNKNOWN |        |                |            |
| STATE TOTAL   |     |                                   |        |        |        |         |         |         |         |         |       |         |        |                |            |
| 60-120        |     | 15.63                             | 99.24  | 149.78 | 140.24 | 126.84  | 29.03   | 10.37   | 4.24    | 1.04    | .34   | .00     | 576.50 | 852            |            |
| > 120         |     | 2.86                              | 7.23   | 8.50   | 6.12   | 4.52    | .83     | .23     | .09     | .01     | .00   | .00     | 30.50  |                |            |
| TOTAL         |     | 18.49                             | 106.51 | 158.28 | 146.36 | 131.36  | 29.86   | 10.60   | 4.33    | 1.05    | .34   | .00     | 607.00 |                |            |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

410 OREGON

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 011 COOS

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |         | TOTAL | NO. OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|----------------|------------|
|               |     | < .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 | UNKNOWN |       |                |            |
| 60-120        | 837 | .70                               | .32   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 1.03  | 4              | .4         |
| > 120         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |                |            |
| TOTAL         |     | .70                               | .32   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 1.03  |                |            |

COUNTY: TOTAL

|        |  | < .4 | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 | UNKNOWN | TOTAL | NO. OF<br>ANAL | AVG<br>S % |
|--------|--|------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|----------------|------------|
| 60-120 |  | .70  | .32   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 1.03  | 4              |            |
| > 120  |  | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |                |            |
| TOTAL  |  | .70  | .32   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 1.03  |                |            |

STATE TOTAL

|        |  | < .4 | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 | UNKNOWN | TOTAL | NO. OF<br>ANAL | AVG<br>S % |
|--------|--|------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|----------------|------------|
| 60-120 |  | .70  | .32   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 1.03  | 4              |            |
| > 120  |  | .00  | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |                |            |
| TOTAL  |  | .70  | .32   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 1.03  |                |            |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

530 WASHINGTON

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 033 KING

| THICK-<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       | UNKNOWN | TOTAL | NO. OF<br>ANAL | AVG<br>S % |
|----------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|----------------|------------|
|                |     | < .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |       |                |            |
| 60-120         | 402 | .25                               | .83   | .54   | .10    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 1.74  | 13             | .6         |
| > 120          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |                |            |
| TOTAL          |     | .25                               | .83   | .54   | .10    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 1.74  |                |            |
| 60-120         | 404 | .94                               | 1.69  | 2.51  | 2.84   | 3.86    | 1.20    | .18     | .00     | .00     | .00   | .00     | 13.24 | 13             | .8         |
| > 120          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |                |            |
| TOTAL          |     | .94                               | 1.69  | 2.51  | 2.84   | 3.86    | 1.20    | .18     | .00     | .00     | .00   | .00     | 13.24 |                |            |
| 60-120         | 408 | .00                               | .31   | .60   | .91    | 1.63    | .53     | .00     | .00     | .00     | .00   | .00     | 4.00  | 4              | 1.0        |
| > 120          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |                |            |
| TOTAL          |     | .00                               | .31   | .60   | .91    | 1.63    | .53     | .00     | .00     | .00     | .00   | .00     | 4.00  |                |            |
| 60-120         | 410 | .00                               | 1.46  | 1.20  | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 2.67  | 7              | .6         |
| > 120          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |                |            |
| TOTAL          |     | .00                               | 1.46  | 1.20  | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 2.67  |                |            |
| 60-120         | 414 | .26                               | .72   | .73   | .26    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 1.99  | 11             | .7         |
| > 120          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |                |            |
| TOTAL          |     | .26                               | .72   | .73   | .26    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 1.99  |                |            |
| 60-120         | 418 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.73    | 2.73  |                |            |
| > 120          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |                |            |
| TOTAL          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 2.73    | 2.73  |                |            |
| 60-120         | 422 | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 5.01    | 5.01  |                |            |
| > 120          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |                |            |
| TOTAL          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 5.01    | 5.01  |                |            |
| 60-120         | 423 | .00                               | 1.00  | .62   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 1.63  | 6              | .6         |
| > 120          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |                |            |
| TOTAL          |     | .00                               | 1.00  | .62   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 1.63  |                |            |
| 60-120         | 826 | 9.35                              | .60   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 9.35  | 3              | .4         |
| > 120          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |                |            |
| TOTAL          |     | 9.35                              | .60   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 9.35  |                |            |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

530 WASHINGTON

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 033 KING

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       | UNKNOW | TOTAL | NO. OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|--------|-------|----------------|------------|
|               |     | < .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |        |       |                |            |
| 60-120        | 829 | .23                               | .56   | .12   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00    | .92   | 30             | .5         |
| > 120         |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00    | .00   |                |            |
| TOTAL         |     | .23                               | .56   | .12   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00    | .92   |                |            |

COUNTY: TOTAL

|        |       |      |      |      |      |      |     |     |     |     |     |      |       |    |  |
|--------|-------|------|------|------|------|------|-----|-----|-----|-----|-----|------|-------|----|--|
| 60-120 | 11.03 | 6.56 | 6.32 | 4.11 | 5.49 | 1.73 | .18 | .00 | .00 | .00 | .00 | 7.74 | 43.28 | 87 |  |
| > 120  | .00   | .00  | .00  | .00  | .00  | .00  | .00 | .00 | .00 | .00 | .00 | .00  | .00   |    |  |
| TOTAL  | 11.03 | 6.56 | 6.32 | 4.11 | 5.49 | 1.73 | .18 | .00 | .00 | .00 | .00 | 7.74 | 43.28 |    |  |

COUNTY: 041 LEWIS

|        |     |     |      |       |       |        |        |       |     |     |     |     |        |    |     |
|--------|-----|-----|------|-------|-------|--------|--------|-------|-----|-----|-----|-----|--------|----|-----|
| 60-120 | 491 | .00 | .00  | .00   | .00   | .00    | .00    | 36.18 | .00 | .00 | .00 | .00 | 36.18  | 1  | 2.0 |
| > 120  |     | .00 | .00  | .00   | .00   | .00    | .00    | .00   | .00 | .00 | .00 | .00 | .00    |    |     |
| TOTAL  |     | .00 | .00  | .00   | .00   | .00    | .00    | 36.18 | .00 | .00 | .00 | .00 | 36.18  |    |     |
| 60-120 | 492 | .00 | .00  | .00   | .00   | .00    | 158.96 | .00   | .00 | .00 | .00 | .00 | 158.96 | 3  | 1.5 |
| > 120  |     | .00 | .00  | .00   | .00   | .00    | 3.84   | .00   | .00 | .00 | .00 | .00 | 3.84   |    |     |
| TOTAL  |     | .00 | .00  | .00   | .00   | .00    | 162.80 | .00   | .00 | .00 | .00 | .00 | 162.80 |    |     |
| 60-120 | 494 | .00 | 7.25 | 13.23 | 17.95 | 26.82  | 5.20   | .00   | .00 | .00 | .00 | .00 | 70.40  | 3  | .9  |
| > 120  |     | .00 | .00  | .00   | .00   | .00    | .00    | .00   | .00 | .00 | .00 | .00 | .00    |    |     |
| TOTAL  |     | .00 | 7.25 | 13.23 | 17.95 | 26.82  | 5.20   | .00   | .00 | .00 | .00 | .00 | 70.40  |    |     |
| 60-120 | 495 | .00 | .00  | 40.77 | 79.11 | 132.93 | 18.75  | .00   | .00 | .00 | .00 | .00 | 271.86 | 22 | 1.1 |
| > 120  |     | .00 | .00  | .69   | 1.33  | 2.24   | .31    | .00   | .00 | .00 | .00 | .00 | 4.60   |    |     |
| TOTAL  |     | .00 | .00  | 41.46 | 80.44 | 135.17 | 19.06  | .00   | .00 | .00 | .00 | .00 | 276.46 |    |     |
| 60-120 | 497 | .00 | .00  | .00   | .00   | 177.71 | .00    | .00   | .00 | .00 | .00 | .00 | 177.71 | 1  | 1.3 |
| > 120  |     | .00 | .00  | .00   | .00   | 50.72  | .00    | .00   | .00 | .00 | .00 | .00 | 50.72  |    |     |
| TOTAL  |     | .00 | .00  | .00   | .00   | 228.43 | .00    | .00   | .00 | .00 | .00 | .00 | 228.43 |    |     |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

530 WASHINGTON

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 041 LEWIS

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       | UNKNOWN | TOTAL  | NO. OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|--------|----------------|------------|
|               |     | < .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |        |                |            |
| 60-120        | 821 | .00                               | .00   | .00   | .00    | 8.38    | .00     | .00     | .00     | .00     | .00   | .00     | 8.38   | 1              | 1.2        |
| > 120         |     | .00                               | .00   | .00   | .00    | 274.78  | .00     | .00     | .00     | .00     | .00   | .00     | 274.78 |                |            |
| TOTAL         |     | .00                               | .00   | .00   | .00    | 283.16  | .00     | .00     | .00     | .00     | .00   | .00     | 283.16 |                |            |

COUNTY: TOTAL

|        |     |      |       |       |        |        |       |     |     |     |     |     |         |    |  |
|--------|-----|------|-------|-------|--------|--------|-------|-----|-----|-----|-----|-----|---------|----|--|
| 60-120 | .00 | 7.25 | 54.00 | 97.06 | 345.84 | 182.91 | 36.18 | .00 | .00 | .00 | .00 | .00 | 723.49  | 31 |  |
| > 120  | .00 | .00  | .69   | 1.33  | 327.74 | 4.15   | .00   | .00 | .00 | .00 | .00 | .00 | 333.94  |    |  |
| TOTAL  | .00 | 7.25 | 54.69 | 98.39 | 673.58 | 187.06 | 36.18 | .00 | .00 | .00 | .00 | .00 | 1057.43 |    |  |

COUNTY: 067 THURSTON

|        |     |      |       |      |     |     |     |      |     |     |       |       |       |    |     |
|--------|-----|------|-------|------|-----|-----|-----|------|-----|-----|-------|-------|-------|----|-----|
| 60-120 | 491 | .00  | .00   | .00  | .00 | .00 | .00 | .00  | .00 | .00 | .00   | 13.14 | 13.14 |    |     |
| > 120  |     | .00  | .00   | .00  | .00 | .00 | .00 | .00  | .00 | .00 | .00   | .00   | .00   |    |     |
| TOTAL  |     | .00  | .00   | .00  | .00 | .00 | .00 | .00  | .00 | .00 | .00   | 13.14 | 13.14 |    |     |
| 60-120 | 492 | .00  | .00   | .00  | .00 | .00 | .00 | .00  | .00 | .00 | 13.06 | .00   | 13.06 | 1  | 3.6 |
| > 120  |     | .00  | .00   | .00  | .00 | .00 | .00 | .00  | .00 | .00 | .00   | .00   | .00   |    |     |
| TOTAL  |     | .00  | .00   | .00  | .00 | .00 | .00 | .00  | .00 | .00 | 13.06 | .00   | 13.06 |    |     |
| 60-120 | 494 | .00  | 25.60 | .00  | .00 | .00 | .00 | .00  | .00 | .00 | .00   | .00   | 25.60 | 1  | .5  |
| > 120  |     | .00  | .00   | .00  | .00 | .00 | .00 | .00  | .00 | .00 | .00   | .00   | .00   |    |     |
| TOTAL  |     | .00  | 25.60 | .00  | .00 | .00 | .00 | .00  | .00 | .00 | .00   | .00   | 25.60 |    |     |
| 60-120 | 495 | 1.25 | 2.68  | 1.59 | .40 | .07 | .00 | .00  | .00 | .00 | .00   | .00   | 6.01  | 14 | .6  |
| > 120  |     | .10  | .22   | .13  | .03 | .00 | .00 | .00  | .00 | .00 | .00   | .00   | .51   |    |     |
| TOTAL  |     | 1.35 | 2.90  | 1.72 | .43 | .07 | .00 | .00  | .00 | .00 | .00   | .00   | 6.52  |    |     |
| 60-120 | 497 | .00  | .00   | .00  | .00 | .00 | .00 | 2.32 | .00 | .00 | .00   | .00   | 2.32  | 1  | 2.0 |
| > 120  |     | .00  | .00   | .00  | .00 | .00 | .00 | 1.56 | .00 | .00 | .00   | .00   | 1.56  |    |     |
| TOTAL  |     | .00  | .00   | .00  | .00 | .00 | .00 | 3.88 | .00 | .00 | .00   | .00   | 3.88  |    |     |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

530 WASHINGTON

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 067 THURSTON

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       | UNKNOWN | TOTAL | NO. OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|----------------|------------|
|               |     | < .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |       |                |            |
| 60-120        | 821 | .00                               | 1.00  | .47   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 1.48  | 4              | .6         |
| > 120         |     | .00                               | 20.63 | 9.61  | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 30.25 |                |            |
| TOTAL         |     | .00                               | 21.63 | 10.08 | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 31.73 |                |            |

COUNTY: TOTAL

|        |       |       |       |     |     |     |      |     |     |       |       |       |    |
|--------|-------|-------|-------|-----|-----|-----|------|-----|-----|-------|-------|-------|----|
| 60-120 | 12.25 | 29.28 | 2.06  | .40 | .07 | .00 | 2.32 | .00 | .00 | 13.06 | 13.14 | 61.61 | 21 |
| > 120  | .10   | 20.85 | 9.74  | .03 | .00 | .00 | 1.56 | .00 | .00 | .00   | .00   | 32.32 |    |
| TOTAL  | 12.35 | 50.13 | 11.80 | .43 | .07 | .00 | 3.88 | .00 | .00 | 13.06 | 13.14 | 93.93 |    |

STATE TOTAL

|        |       |       |       |        |        |        |       |     |     |       |       |         |     |
|--------|-------|-------|-------|--------|--------|--------|-------|-----|-----|-------|-------|---------|-----|
| 60-120 | 12.28 | 43.09 | 62.38 | 101.57 | 351.40 | 184.64 | 38.68 | .00 | .00 | 13.06 | 20.88 | 828.38  | 139 |
| > 120  | .10   | 20.85 | 10.43 | 1.36   | 327.74 | 4.15   | 1.56  | .00 | .00 | .00   | .00   | 366.26  |     |
| TOTAL  | 12.38 | 63.94 | 72.81 | 102.93 | 679.14 | 188.79 | 40.24 | .00 | .00 | 13.06 | 20.88 | 1194.64 |     |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

560 WYOMING

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 001 ALBANY

| THICK-<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       | UNKNOWN | TOTAL | NO. OF<br>ANAL | AVG<br>S % |
|----------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|----------------|------------|
|                |     | < .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |       |                |            |
| 60-120         | 799 | .00                               | .00   | 8.79  | 16.69  | 40.80   | 15.22   | .00     | .00     | .00     | .00   | .00     | 81.44 | 6              | 1.1        |
| > 120          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |                |            |
| TOTAL          |     | .00                               | .00   | 8.79  | 16.69  | 40.80   | 15.22   | .00     | .00     | .00     | .00   | .00     | 81.44 |                |            |

COUNTY: TOTAL

|        |     |     |      |       |       |       |     |     |     |     |     |     |       |   |  |
|--------|-----|-----|------|-------|-------|-------|-----|-----|-----|-----|-----|-----|-------|---|--|
| 60-120 | .00 | .00 | 8.79 | 16.69 | 40.80 | 15.22 | .00 | .00 | .00 | .00 | .00 | .00 | 81.44 | 6 |  |
| > 120  | .00 | .00 | .00  | .00   | .00   | .00   | .00 | .00 | .00 | .00 | .00 | .00 | .00   |   |  |
| TOTAL  | .00 | .00 | 8.79 | 16.69 | 40.80 | 15.22 | .00 | .00 | .00 | .00 | .00 | .00 | 81.44 |   |  |

COUNTY: 003 BIG HORN

|        |     |     |     |     |     |     |     |     |     |     |     |     |      |    |     |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|----|-----|
| 60-120 | 799 | .38 | .25 | .29 | .30 | .58 | .44 | .27 | .14 | .04 | .00 | .00 | 2.74 | 17 | 1.1 |
| > 120  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00  |    |     |
| TOTAL  |     | .38 | .25 | .29 | .30 | .58 | .44 | .27 | .14 | .04 | .00 | .00 | 2.74 |    |     |

COUNTY: TOTAL

|        |     |     |     |     |     |     |     |     |     |     |     |     |      |    |  |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|----|--|
| 60-120 | .38 | .25 | .29 | .30 | .58 | .44 | .27 | .14 | .04 | .00 | .00 | .00 | 2.74 | 17 |  |
| > 120  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00  |    |  |
| TOTAL  | .38 | .25 | .29 | .30 | .58 | .44 | .27 | .14 | .04 | .00 | .00 | .00 | 2.74 |    |  |

COUNTY: 005 CAMPBELL

|        |     |     |     |     |     |     |     |     |     |     |     |       |       |  |  |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|--|--|
| 60-120 | 695 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 7.37  | 7.37  |  |  |
| > 120  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 6.20  | 6.20  |  |  |
| TOTAL  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 13.57 | 13.57 |  |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

560 WYOMING

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 005 CAMPBELL

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |        |       |        |         |         |         |         |         |        | UNKNOWN | TOTAL    | NO. OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|--------|-------|--------|---------|---------|---------|---------|---------|--------|---------|----------|----------------|------------|
|               |     | < .4                              | .5-.6  | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0  |         |          |                |            |
| 60-120        | 697 | .00                               | .00    | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00    | 364.59  | 364.59   |                |            |
| > 120         |     | .00                               | .00    | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00    | 165.03  | 165.03   |                |            |
| TOTAL         |     | .00                               | .00    | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00    | 529.62  | 529.62   |                |            |
| 60-120        | 698 | .00                               | .00    | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00    | 68.99   | 68.99    |                |            |
| > 120         |     | .00                               | .00    | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00    | .67     | .67      |                |            |
| TOTAL         |     | .00                               | .00    | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00    | 69.66   | 69.66    |                |            |
| 60-120        | 699 | .00                               | .00    | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00    | 364.26  | 364.26   |                |            |
| > 120         |     | .00                               | .00    | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00    | 810.09  | 810.09   |                |            |
| TOTAL         |     | .00                               | .00    | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00    | 1174.35 | 1174.35  |                |            |
| 60-120        | 701 | 80.40                             | 183.92 | 30.40 | .00    | .00     | .00     | .00     | .00     | .00     | .00    | .00     | 345.08   | 4              | .6         |
| > 120         |     | .00                               | .00    | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00    | .00     | .00      |                |            |
| TOTAL         |     | 80.40                             | 183.92 | 30.40 | .00    | .00     | .00     | .00     | .00     | .00     | .00    | .00     | 345.08   |                |            |
| 60-120        | 702 | .00                               | .00    | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00    | 2.76    | 2.76     |                |            |
| > 120         |     | .00                               | .00    | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00    | .00     | .00      |                |            |
| TOTAL         |     | .00                               | .00    | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00    | 2.76    | 2.76     |                |            |
| 60-120        | 706 | .00                               | .00    | 1.79  | 2.41   | 7.47    | 11.44   | 14.47   | 14.32   | 11.13   | 14.94  | .00     | 77.84    | 5              | 1.9        |
| > 120         |     | .00                               | .00    | 16.74 | 22.56  | 69.88   | 107.00  | 135.39  | 133.93  | 104.09  | 139.76 | .00     | 727.92   |                |            |
| TOTAL         |     | .00                               | .00    | 18.53 | 24.97  | 77.35   | 118.44  | 149.86  | 148.25  | 115.22  | 154.70 | .00     | 805.76   |                |            |
| 60-120        | 707 | .00                               | .00    | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00    | 3.28    | 3.28     |                |            |
| > 120         |     | .00                               | .00    | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00    | .00     | .00      |                |            |
| TOTAL         |     | .00                               | .00    | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00    | 3.28    | 3.28     |                |            |
| 60-120        | 708 | .00                               | .22    | .41   | .68    | 1.82    | 1.10    | .22     | .00     | .00     | .00    | .00     | 4.47     | 2              | 1.3        |
| > 120         |     | .00                               | 1.45   | 2.70  | 4.44   | 11.85   | 7.17    | 1.45    | .00     | .00     | .00    | .00     | 29.06    |                |            |
| TOTAL         |     | .00                               | 1.67   | 3.11  | 5.12   | 13.67   | 8.27    | 1.67    | .00     | .00     | .00    | .00     | 33.53    |                |            |
| 60-120        | 799 | 3455.54                           | .00    | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00    | .00     | 3455.54  | 1              | .4         |
| > 120         |     | 7579.88                           | .00    | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00    | .00     | 7579.88  |                |            |
| TOTAL         |     | 11035.42                          | .00    | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00    | .00     | 11035.42 |                |            |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

560 WYOMING

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 005 CAMPBELL

| THICK-<br>NESS | BED | < .4     | .5-.6  | .7-.8  | RESERVES BY SULFUR RANGE, PERCENT |         |         |         |         |         |        |         | UNKNOWN  | TOTAL | NO. OF<br>ANAL | AVG<br>S % |
|----------------|-----|----------|--------|--------|-----------------------------------|---------|---------|---------|---------|---------|--------|---------|----------|-------|----------------|------------|
|                |     |          |        |        | .9-1.0                            | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0  |         |          |       |                |            |
| COUNTY: TOTAL  |     |          |        |        |                                   |         |         |         |         |         |        |         |          |       |                |            |
| 60-120         |     | 3535.94  | 184.14 | 62.60  | 3.09                              | 9.29    | 12.54   | 14.69   | 14.32   | 11.13   | 14.94  | 811.25  | 4694.18  | 12    |                |            |
| > 120          |     | 7579.88  | 1.45   | 19.44  | 27.00                             | 81.73   | 114.17  | 136.84  | 133.93  | 104.09  | 139.76 | 981.99  | 9318.85  |       |                |            |
| TOTAL          |     | 11115.82 | 185.59 | 102.04 | 30.09                             | 91.02   | 126.71  | 151.53  | 148.25  | 115.22  | 154.70 | 1793.24 | 14013.03 |       |                |            |

COUNTY: 007 CARBON

|        |     |        |        |        |        |        |      |     |     |     |     |     |         |     |    |
|--------|-----|--------|--------|--------|--------|--------|------|-----|-----|-----|-----|-----|---------|-----|----|
| 60-120 | 799 | 130.83 | 324.35 | 501.52 | 287.55 | 110.38 | 6.81 | .00 | .00 | .00 | .00 | .00 | 1362.83 | 359 | .8 |
| > 120  |     | 34.31  | 85.05  | 131.53 | 75.41  | 28.95  | 1.78 | .00 | .00 | .00 | .00 | .00 | 357.43  |     |    |
| TOTAL  |     | 165.14 | 409.41 | 633.05 | 362.96 | 139.33 | 8.59 | .00 | .00 | .00 | .00 | .00 | 1720.26 |     |    |

COUNTY: TOTAL

|        |  |        |        |        |        |        |      |     |     |     |     |     |         |     |  |
|--------|--|--------|--------|--------|--------|--------|------|-----|-----|-----|-----|-----|---------|-----|--|
| 60-120 |  | 130.83 | 324.35 | 501.52 | 287.55 | 110.38 | 6.81 | .00 | .00 | .00 | .00 | .00 | 1362.83 | 359 |  |
| > 120  |  | 34.31  | 85.05  | 131.53 | 75.41  | 28.95  | 1.78 | .00 | .00 | .00 | .00 | .00 | 357.43  |     |  |
| TOTAL  |  | 165.14 | 409.41 | 633.05 | 362.96 | 139.33 | 8.59 | .00 | .00 | .00 | .00 | .00 | 1720.26 |     |  |

COUNTY: 009 CONVERSE

|        |     |        |        |        |        |        |       |     |     |     |     |     |         |    |    |
|--------|-----|--------|--------|--------|--------|--------|-------|-----|-----|-----|-----|-----|---------|----|----|
| 60-120 | 799 | 115.97 | 191.68 | 212.62 | 152.21 | 113.55 | 19.32 | .00 | .00 | .00 | .00 | .00 | 805.38  | 43 | .7 |
| > 120  |     | 38.24  | 63.21  | 70.12  | 50.20  | 37.45  | 6.37  | .00 | .00 | .00 | .00 | .00 | 265.62  |    |    |
| TOTAL  |     | 154.21 | 254.89 | 282.74 | 202.41 | 151.00 | 25.69 | .00 | .00 | .00 | .00 | .00 | 1071.00 |    |    |

COUNTY: TOTAL

|        |  |        |        |        |        |        |       |     |     |     |     |     |         |    |  |
|--------|--|--------|--------|--------|--------|--------|-------|-----|-----|-----|-----|-----|---------|----|--|
| 60-120 |  | 115.97 | 191.68 | 212.62 | 152.21 | 113.55 | 19.32 | .00 | .00 | .00 | .00 | .00 | 805.38  | 43 |  |
| > 120  |  | 38.24  | 63.21  | 70.12  | 50.20  | 37.45  | 6.37  | .00 | .00 | .00 | .00 | .00 | 265.62  |    |  |
| TOTAL  |  | 154.21 | 254.89 | 282.74 | 202.41 | 151.00 | 25.69 | .00 | .00 | .00 | .00 | .00 | 1071.00 |    |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

560 WYOMING

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 013 FREMONT

| THICK-<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       | UNKNOWN | TOTAL | NO. OF<br>ANAL | AVG<br>S % |
|----------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|----------------|------------|
|                |     | < .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |       |                |            |
| 60-120         | 799 | 2.79                              | 7.53  | 11.84 | 8.48   | 4.38    | .28     | .00     | .00     | .00     | .00   | .00     | 35.37 | 57             | .8         |
| > 120          |     | 1.29                              | 3.50  | 5.51  | 3.94   | 2.03    | .13     | .00     | .00     | .00     | .00   | .00     | 16.45 |                |            |
| TOTAL          |     | 4.08                              | 11.03 | 17.35 | 12.42  | 6.41    | .41     | .00     | .00     | .00     | .00   | .00     | 51.82 |                |            |

COUNTY: TOTAL

|        |      |       |       |       |      |     |     |     |     |     |     |     |       |    |  |
|--------|------|-------|-------|-------|------|-----|-----|-----|-----|-----|-----|-----|-------|----|--|
| 60-120 | 2.79 | 7.53  | 11.84 | 8.48  | 4.38 | .28 | .00 | .00 | .00 | .00 | .00 | .00 | 35.37 | 57 |  |
| > 120  | 1.29 | 3.50  | 5.51  | 3.94  | 2.03 | .13 | .00 | .00 | .00 | .00 | .00 | .00 | 16.45 |    |  |
| TOTAL  | 4.08 | 11.03 | 17.35 | 12.42 | 6.41 | .41 | .00 | .00 | .00 | .00 | .00 | .00 | 51.82 |    |  |

COUNTY: 017 HOT SPRINGS

|        |     |      |       |       |      |      |     |     |     |     |     |     |       |     |    |
|--------|-----|------|-------|-------|------|------|-----|-----|-----|-----|-----|-----|-------|-----|----|
| 60-120 | 799 | 7.54 | 18.37 | 16.65 | 6.07 | 1.87 | .05 | .00 | .00 | .00 | .00 | .00 | 50.62 | 188 | .6 |
| > 120  |     | 2.10 | 5.11  | 4.63  | 1.69 | .52  | .01 | .00 | .00 | .00 | .00 | .00 | 14.10 |     |    |
| TOTAL  |     | 9.64 | 23.48 | 21.28 | 7.76 | 2.39 | .06 | .00 | .00 | .00 | .00 | .00 | 64.72 |     |    |

COUNTY: TOTAL

|        |      |       |       |      |      |     |     |     |     |     |     |     |       |     |  |
|--------|------|-------|-------|------|------|-----|-----|-----|-----|-----|-----|-----|-------|-----|--|
| 60-120 | 7.54 | 18.37 | 16.65 | 6.07 | 1.87 | .05 | .00 | .00 | .00 | .00 | .00 | .00 | 50.62 | 188 |  |
| > 120  | 2.10 | 5.11  | 4.63  | 1.69 | .52  | .01 | .00 | .00 | .00 | .00 | .00 | .00 | 14.10 |     |  |
| TOTAL  | 9.64 | 23.48 | 21.28 | 7.76 | 2.39 | .06 | .00 | .00 | .00 | .00 | .00 | .00 | 64.72 |     |  |

COUNTY: 019 JOHNSTON

|        |     |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|--|
| 60-120 | 280 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .70 | .70 |  |  |
| > 120  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |  |  |
| TOTAL  |     | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .70 | .70 |  |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

560 WYOMING

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 019 JOHNSON

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |        |        |        |         |         |         |         |         |       | UNKNOWN | TOTAL   | NO. OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|--------|--------|--------|---------|---------|---------|---------|---------|-------|---------|---------|----------------|------------|
|               |     | < .4                              | .5-.6  | .7-.8  | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |         |                |            |
| 60-120        | 681 | .00                               | .00    | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 8.00    | 8.00    |                |            |
| > 120         |     | .00                               | .00    | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 76.50   | 76.50   |                |            |
| TOTAL         |     | .00                               | .00    | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 84.50   | 84.50   |                |            |
| 60-120        | 682 | .00                               | .00    | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 83.20   | 83.20   |                |            |
| > 120         |     | .00                               | .00    | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00     |                |            |
| TOTAL         |     | .00                               | .00    | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 83.20   | 83.20   |                |            |
| 60-120        | 684 | .00                               | .00    | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 5.50    | 5.50    |                |            |
| > 120         |     | .00                               | .00    | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00     |                |            |
| TOTAL         |     | .00                               | .00    | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 5.50    | 5.50    |                |            |
| 60-120        | 685 | .00                               | .00    | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 65.80   | 65.80   |                |            |
| > 120         |     | .00                               | .00    | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 58.90   | 58.90   |                |            |
| TOTAL         |     | .00                               | .00    | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 124.70  | 124.70  |                |            |
| 60-120        | 687 | .00                               | .00    | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00     |                |            |
| > 120         |     | .00                               | .00    | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 10.70   | 10.70   |                |            |
| TOTAL         |     | .00                               | .00    | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 10.70   | 10.70   |                |            |
| 60-120        | 689 | .00                               | .00    | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 27.10   | 27.10   |                |            |
| > 120         |     | .00                               | .00    | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00     |                |            |
| TOTAL         |     | .00                               | .00    | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 27.10   | 27.10   |                |            |
| 60-120        | 691 | 5.73                              | 12.04  | 17.56  | 15.13  | 11.77   | .00     | .00     | .00     | .00     | .00   | .00     | 62.30   | 8              | .9         |
| > 120         |     | 117.31                            | 247.38 | 359.60 | 309.87 | 241.01  | .00     | .00     | .00     | .00     | .00   | .00     | 1275.20 |                |            |
| TOTAL         |     | 123.04                            | 259.45 | 377.16 | 325.00 | 252.78  | .00     | .00     | .00     | .00     | .00   | .00     | 1337.50 |                |            |
| 60-120        | 692 | .00                               | .00    | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00     |                |            |
| > 120         |     | .00                               | .00    | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 75.44   | 75.44   |                |            |
| TOTAL         |     | .00                               | .00    | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 75.44   | 75.44   |                |            |
| 60-120        | 799 | .00                               | 38.34  | 57.25  | 76.17  | 171.26  | 117.07  | 50.61   | .00     | .00     | .00   | .00     | 511.23  | 16             | 1.2        |
| > 120         |     | .00                               | 3.93   | 5.87   | 7.81   | 17.56   | 12.00   | 5.19    | .00     | .00     | .00   | .00     | 52.44   |                |            |
| TOTAL         |     | .00                               | 42.27  | 63.12  | 83.98  | 188.82  | 129.07  | 55.80   | .00     | .00     | .00   | .00     | 563.67  |                |            |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

560 WYOMING

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 019 JOHNSON

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |        |        |        |         |         |         |         |         |       | TOTAL  | NO. OF<br>ANAL | AVG<br>S % |         |
|---------------|-----|-----------------------------------|--------|--------|--------|---------|---------|---------|---------|---------|-------|--------|----------------|------------|---------|
|               |     | < .4                              | .5-.6  | .7-.8  | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |        |                |            | UNKNOWN |
| COUNTY:       |     | TOTAL                             |        |        |        |         |         |         |         |         |       |        |                |            |         |
| 60-120        |     | 5.73                              | 50.47  | 74.81  | 91.30  | 183.03  | 117.07  | 50.61   | .00     | .00     | .00   | 190.30 | 763.83         | 24         |         |
| > 120         |     | 117.31                            | 251.31 | 365.47 | 317.68 | 258.57  | 12.00   | 5.19    | .00     | .00     | .00   | 221.54 | 1549.18        |            |         |
| TOTAL         |     | 123.04                            | 301.73 | 440.28 | 408.98 | 441.60  | 129.07  | 55.80   | .00     | .00     | .00   | 411.84 | 2313.01        |            |         |

COUNTY: 025 NATRONA

|            |     |      |      |      |      |      |     |     |     |     |     |     |       |    |    |
|------------|-----|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-------|----|----|
| 60-120 799 | .00 | 6.39 | 9.27 | 8.95 | 8.71 | 1.24 | .00 | .00 | .00 | .00 | .00 | .00 | 34.59 | 13 | .8 |
| > 120      | .00 | .00  | .00  | .00  | .00  | .00  | .00 | .00 | .00 | .00 | .00 | .00 | .00   |    |    |
| TOTAL      | .00 | 6.39 | 9.27 | 8.95 | 8.71 | 1.24 | .00 | .00 | .00 | .00 | .00 | .00 | 34.59 |    |    |

COUNTY: TOTAL

|        |     |      |      |      |      |      |     |     |     |     |     |     |       |    |  |
|--------|-----|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-------|----|--|
| 60-120 | .00 | 6.39 | 9.27 | 8.95 | 8.71 | 1.24 | .00 | .00 | .00 | .00 | .00 | .00 | 34.59 | 13 |  |
| > 120  | .00 | .00  | .00  | .00  | .00  | .00  | .00 | .00 | .00 | .00 | .00 | .00 | .00   |    |  |
| TOTAL  | .00 | 6.39 | 9.27 | 8.95 | 8.71 | 1.24 | .00 | .00 | .00 | .00 | .00 | .00 | 34.59 |    |  |

COUNTY: 029 PARK

|            |      |      |      |      |      |     |     |     |     |     |     |     |       |    |    |
|------------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-------|----|----|
| 60-120 799 | 4.25 | 4.50 | 5.09 | 3.91 | 3.28 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 21.05 | 35 | .7 |
| > 120      | .00  | .00  | .00  | .00  | .00  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   |    |    |
| TOTAL      | 4.25 | 4.50 | 5.09 | 3.91 | 3.28 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 21.05 |    |    |

COUNTY: TOTAL

|        |      |      |      |      |      |     |     |     |     |     |     |     |       |    |  |
|--------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-------|----|--|
| 60-120 | 4.25 | 4.50 | 5.09 | 3.91 | 3.28 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 21.05 | 35 |  |
| > 120  | .00  | .00  | .00  | .00  | .00  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   |    |  |
| TOTAL  | 4.25 | 4.50 | 5.09 | 3.91 | 3.28 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 21.05 |    |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

560 WYOMING

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 033 SHERIDAN

| THICK-<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |        |        |        |         |         |         |         |         |       | UNKNOWN | TOTAL  | NO. OF<br>ANAL | AVG<br>S % |
|----------------|-----|-----------------------------------|--------|--------|--------|---------|---------|---------|---------|---------|-------|---------|--------|----------------|------------|
|                |     | < .4                              | .5-.6  | .7-.8  | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |        |                |            |
| 60-120         | 279 | .00                               | .00    | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 5.60    | 5.60   |                |            |
| > 120          |     | .00                               | .00    | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    |                |            |
| TOTAL          |     | .00                               | .00    | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 5.60    | 5.60   |                |            |
| 60-120         | 681 | .00                               | .00    | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    |                |            |
| > 120          |     | .00                               | .00    | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 23.40   | 23.40  |                |            |
| TOTAL          |     | .00                               | .00    | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 23.40   | 23.40  |                |            |
| 60-120         | 682 | .00                               | .00    | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 193.20  | 193.20 |                |            |
| > 120          |     | .00                               | .00    | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    |                |            |
| TOTAL          |     | .00                               | .00    | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 193.20  | 193.20 |                |            |
| 60-120         | 687 | .00                               | .00    | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .50     | .50    |                |            |
| > 120          |     | .00                               | .00    | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    |                |            |
| TOTAL          |     | .00                               | .00    | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .50     | .50    |                |            |
| 60-120         | 689 | .00                               | .00    | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.10    | 1.10   |                |            |
| > 120          |     | .00                               | .00    | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    |                |            |
| TOTAL          |     | .00                               | .00    | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 1.10    | 1.10   |                |            |
| 60-120         | 691 | .00                               | 2.90   | 2.90   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 5.80   | 2              | .7         |
| > 120          |     | .00                               | 200.05 | 200.05 | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 400.10 |                |            |
| TOTAL          |     | .00                               | 202.95 | 202.95 | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 405.90 |                |            |
| 60-120         | 692 | .00                               | .00    | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    |                |            |
| > 120          |     | .00                               | .00    | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .40     | .40    |                |            |
| TOTAL          |     | .00                               | .00    | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .40     | .40    |                |            |
| 60-120         | 694 | .00                               | .00    | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .30     | .30    |                |            |
| > 120          |     | .00                               | .00    | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 6.60    | 6.60   |                |            |
| TOTAL          |     | .00                               | .00    | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 6.90    | 6.90   |                |            |
| 60-120         | 695 | .15                               | .35    | .37    | .16    | .06     | .00     | .00     | .00     | .00     | .00   | .00     | 1.11   | 67             | .7         |
| > 120          |     | .00                               | .00    | .00    | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    |                |            |
| TOTAL          |     | .15                               | .35    | .37    | .16    | .06     | .00     | .00     | .00     | .00     | .00   | .00     | 1.11   |                |            |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATOR CATEGORIES OF RELIABILITY)

560 WYOMING

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 033 SHERIDAN

| THICK-<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |         |         |        |         |         |         |         |         |       | UNKNOWN | TOTAL   | NO. OF<br>ANAL | AVG<br>S % |
|----------------|-----|-----------------------------------|---------|---------|--------|---------|---------|---------|---------|---------|-------|---------|---------|----------------|------------|
|                |     | < .4                              | .5-.6   | .7-.8   | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |         |                |            |
| 60-120         | 697 | 24.67                             | 66.71   | 52.08   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 143.48  | 8              | .7         |
| > 120          |     | 11.01                             | 29.78   | 23.25   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 64.05   |                |            |
| TOTAL          |     | 35.68                             | 96.49   | 75.33   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 207.53  |                |            |
| 60-120         | 698 | .00                               | 1.74    | .00     | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 1.74    | 2              | .5         |
| > 120          |     | .00                               | .00     | .00     | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00     |                |            |
| TOTAL          |     | .00                               | 1.74    | .00     | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | 1.74    |                |            |
| 60-120         | 699 | .00                               | .00     | .00     | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 255.27  | 255.27  |                |            |
| > 120          |     | .00                               | .00     | .00     | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 204.74  | 204.74  |                |            |
| TOTAL          |     | .00                               | .00     | .00     | .00    | .00     | .00     | .00     | .00     | .00     | .00   | 460.01  | 460.01  |                |            |
| 60-120         | 701 | .00                               | 18.39   | 41.81   | 52.15  | 31.46   | .00     | .00     | .00     | .00     | .00   | .00     | 143.69  | 4              | .9         |
| > 120          |     | .00                               | 1.87    | 4.26    | 5.32   | 3.21    | .00     | .00     | .00     | .00     | .00   | .00     | 14.67   |                |            |
| TOTAL          |     | .00                               | 20.26   | 46.07   | 57.47  | 34.67   | .00     | .00     | .00     | .00     | .00   | .00     | 158.36  |                |            |
| 60-120         | 702 | .00                               | .00     | .00     | .00    | 7.57    | 14.44   | 12.59   | 5.43    | 1.07    | .00   | .00     | 41.16   | 5              | 1.7        |
| > 120          |     | .00                               | .00     | .00     | .00    | .06     | .12     | .11     | .04     | .00     | .00   | .00     | .37     |                |            |
| TOTAL          |     | .00                               | .00     | .00     | .00    | 7.63    | 14.56   | 12.70   | 5.47    | 1.07    | .00   | .00     | 41.53   |                |            |
| 60-120         | 787 | .00                               | .00     | .00     | .00    | .00     | 19.92   | .00     | .00     | .00     | .00   | .00     | 19.92   | 1              | 1.8        |
| > 120          |     | .00                               | .00     | .00     | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00     |                |            |
| TOTAL          |     | .00                               | .00     | .00     | .00    | .00     | 19.92   | .00     | .00     | .00     | .00   | .00     | 19.92   |                |            |
| 60-120         | 799 | 320.81                            | 461.84  | 398.30  | 220.07 | 130.18  | 17.04   | .00     | .00     | .00     | .00   | .00     | 1549.83 | 22             | .6         |
| > 120          |     | 437.36                            | 629.64  | 543.01  | 300.03 | 177.48  | 23.24   | .00     | .00     | .00     | .00   | .00     | 2112.89 |                |            |
| TOTAL          |     | 758.17                            | 1091.48 | 941.31  | 520.10 | 307.66  | 40.28   | .00     | .00     | .00     | .00   | .00     | 3662.72 |                |            |
| 60-120         | 977 | .00                               | .00     | .00     | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .50     | .50     |                |            |
| > 120          |     | .00                               | .00     | .00     | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00     |                |            |
| TOTAL          |     | .00                               | .00     | .00     | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .50     | .50     |                |            |
| COUNTY: TOTAL  |     |                                   |         |         |        |         |         |         |         |         |       |         |         |                |            |
| 60-120         |     | 345.63                            | 551.93  | 475.46  | 272.38 | 169.27  | 51.40   | 12.59   | 5.43    | 1.07    | .00   | 456.47  | 2363.20 | 111            |            |
| > 120          |     | 448.37                            | 861.34  | 770.57  | 305.35 | 180.75  | 23.36   | .11     | .04     | .00     | .00   | 235.14  | 2827.22 |                |            |
| TOTAL          |     | 794.00                            | 1413.27 | 1246.03 | 577.73 | 350.02  | 74.76   | 12.70   | 5.47    | 1.07    | .00   | 691.61  | 5190.42 |                |            |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

560 WYOMING

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 037 SWEETWATER

| THICK-<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       | UNKNOWN | TOTAL  | NO. OF<br>ANAL | AVG<br>S % |
|----------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|--------|----------------|------------|
|                |     | < .4                              | .5-.6 | .7-.8 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 |         |        |                |            |
| 60-120         | 799 | 10.67                             | 11.11 | 11.78 | 12.23  | 24.90   | 24.68   | 23.57   | 21.12   | 18.45   | 63.82 | .00     | 222.38 | 32             | 1.2        |
| > 120          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00    |                |            |
| TOTAL          |     | 10.67                             | 11.11 | 11.78 | 12.23  | 24.90   | 24.68   | 23.57   | 21.12   | 18.45   | 63.82 | .00     | 222.38 |                |            |

COUNTY: TOTAL

|        |       |       |       |       |       |       |       |       |       |       |     |        |    |  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|--------|----|--|
| 60-120 | 10.67 | 11.11 | 11.78 | 12.23 | 24.90 | 24.68 | 23.57 | 21.12 | 18.45 | 63.82 | .00 | 222.38 | 32 |  |
| > 120  | .00   | .00   | .00   | .00   | .00   | .00   | .00   | .00   | .00   | .00   | .00 | .00    |    |  |
| TOTAL  | 10.67 | 11.11 | 11.78 | 12.23 | 24.90 | 24.68 | 23.57 | 21.12 | 18.45 | 63.82 | .00 | 222.38 |    |  |

COUNTY: 041 UINTE

|        |     |      |      |      |      |       |       |       |       |       |       |     |        |    |     |
|--------|-----|------|------|------|------|-------|-------|-------|-------|-------|-------|-----|--------|----|-----|
| 60-120 | 799 | 5.08 | 3.32 | 3.86 | 4.40 | 9.96  | 10.37 | 9.35  | 7.45  | 5.28  | 8.61  | .00 | 67.81  | 58 | 1.3 |
| > 120  |     | 4.83 | 3.15 | 3.67 | 4.18 | 9.47  | 9.85  | 8.89  | 7.08  | 5.02  | 8.18  | .00 | 64.43  |    |     |
| TOTAL  |     | 9.91 | 6.47 | 7.53 | 8.58 | 19.43 | 20.22 | 18.24 | 14.53 | 10.30 | 16.79 | .00 | 132.24 |    |     |

COUNTY: TOTAL

|        |      |      |      |      |       |       |       |       |       |       |     |        |    |  |
|--------|------|------|------|------|-------|-------|-------|-------|-------|-------|-----|--------|----|--|
| 60-120 | 5.08 | 3.32 | 3.86 | 4.40 | 9.96  | 10.37 | 9.35  | 7.45  | 5.28  | 8.61  | .00 | 67.81  | 58 |  |
| > 120  | 4.83 | 3.15 | 3.67 | 4.18 | 9.47  | 9.85  | 8.89  | 7.08  | 5.02  | 8.18  | .00 | 64.43  |    |  |
| TOTAL  | 9.91 | 6.47 | 7.53 | 8.58 | 19.43 | 20.22 | 18.24 | 14.53 | 10.30 | 16.79 | .00 | 132.24 |    |  |

COUNTY: 043 WASHAKIE

|        |     |     |      |      |      |      |     |     |     |     |     |     |       |   |     |
|--------|-----|-----|------|------|------|------|-----|-----|-----|-----|-----|-----|-------|---|-----|
| 60-120 | 799 | .00 | 1.36 | 3.42 | 4.40 | 2.48 | .00 | .00 | .00 | .00 | .00 | .00 | 11.68 | 3 | 1.0 |
| > 120  |     | .00 | .00  | .00  | .00  | .00  | .00 | .00 | .00 | .00 | .00 | .00 | .00   |   |     |
| TOTAL  |     | .00 | 1.36 | 3.42 | 4.40 | 2.48 | .00 | .00 | .00 | .00 | .00 | .00 | 11.68 |   |     |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

560 WYOMING

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

COUNTY: 043 WASHAKIE

| THICK-<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |       |       |        |         |         |         |         |         |       |         | TOTAL | NO. OF<br>ANAL | AVG<br>S % |
|----------------|-----|-----------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------|---------|-------|----------------|------------|
|                |     | < .4                              | .5-.6 | .7-.9 | .9-1.0 | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0 | UNKNOWN |       |                |            |
| COUNTY:        |     | TOTAL                             |       |       |        |         |         |         |         |         |       |         |       |                |            |
| 60-120         |     | .00                               | 1.36  | 3.42  | 4.40   | 2.48    | .00     | .00     | .00     | .00     | .00   | .00     | 11.68 | 3              |            |
| > 120          |     | .00                               | .00   | .00   | .00    | .00     | .00     | .00     | .00     | .00     | .00   | .00     | .00   |                |            |
| TOTAL          |     | .00                               | 1.36  | 3.42  | 4.40   | 2.48    | .00     | .00     | .00     | .00     | .00   | .00     | 11.68 |                |            |

COUNTY: 045 WESTON

|            |     |     |     |     |     |     |     |     |     |     |     |       |       |  |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|--|
| 60-120 799 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 36.31 | 36.31 |  |
| > 120      | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | .00   |  |
| TOTAL      | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 36.31 | 36.31 |  |

COUNTY: TOTAL

|        |     |     |     |     |     |     |     |     |     |     |     |       |       |  |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|--|
| 60-120 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 36.31 | 36.31 |  |
| > 120  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00   | .00   |  |
| TOTAL  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 36.31 | 36.31 |  |

STATE TOTAL

|        |          |         |         |         |         |        |        |        |        |        |         |          |     |  |
|--------|----------|---------|---------|---------|---------|--------|--------|--------|--------|--------|---------|----------|-----|--|
| 60-120 | 4164.81  | 1355.35 | 1438.00 | 871.96  | 682.48  | 259.42 | 111.08 | 48.46  | 35.97  | 87.37  | 1494.33 | 10553.41 | 958 |  |
| > 120  | 8226.33  | 1274.13 | 1370.94 | 785.45  | 599.47  | 167.67 | 151.03 | 141.05 | 109.11 | 147.94 | 1438.67 | 14413.28 |     |  |
| TOTAL  | 12391.14 | 2629.48 | 2808.94 | 1657.41 | 1281.95 | 427.09 | 262.11 | 189.51 | 145.08 | 235.31 | 2933.00 | 24966.69 |     |  |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

WESTERN U.S. TOTAL

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,  
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974  
MILLION SHORT TONS

| THICK<br>NESS | BED | RESERVES BY SULFUR RANGE, PERCENT |          |          |         |         |         |         |         |         |        | UNKNOWN | TOTAL     | NO. OF<br>ANAL | AVG<br>S % |
|---------------|-----|-----------------------------------|----------|----------|---------|---------|---------|---------|---------|---------|--------|---------|-----------|----------------|------------|
|               |     | < .4                              | .5-.6    | .7-.8    | .9-1.0  | 1.1-1.4 | 1.5-1.8 | 1.9-2.2 | 2.3-2.6 | 2.7-3.0 | > 3.0  |         |           |                |            |
| 60-120        |     | 20838.49                          | 12935.55 | 9535.61  | 3806.02 | 1342.29 | 500.45  | 817.62  | 52.70   | 37.01   | 100.77 | 2694.38 | 52703.79  | 4657           |            |
| > 120         |     | 21879.18                          | 11542.85 | 7239.62  | 2759.69 | 1138.35 | 203.92  | 481.18  | 141.14  | 109.12  | 147.94 | 1875.56 | 47507.51  |                |            |
| TOTAL         |     | 42717.67                          | 24478.40 | 16825.23 | 6565.71 | 2480.64 | 704.37  | 1298.80 | 193.84  | 146.13  | 248.71 | 4569.94 | 100211.30 |                |            |

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

## APPENDIX D.--AVERAGE ANALYSES OF COAL, BY STATE, COUNTY, AND BED

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 02 ALASKA

| COUNTY             | BED            | MOISTURE<br>A.R. | ASH<br>A.R. | ASH<br>DRY | A.R. | SULFUR<br>DRY | M&AF | A.R.   | RTU<br>DRY | M&AF   | NO. OF<br>ANAL |
|--------------------|----------------|------------------|-------------|------------|------|---------------|------|--------|------------|--------|----------------|
| COOK INLET SUSITNA | 001            | 8.2              | 12.4        | 13.6       | .1   | .2            | .2   | 11,330 | 12,350     | 14,290 | 1467           |
|                    | 799            | 12.3             | 11.5        | 13.2       | .3   | .4            | .4   | 10,380 | 11,840     | 13,640 | 72             |
|                    | COUNTY AVERAGE | 8.3              | 12.4        | 13.6       | .1   | .2            | .2   | 11,310 | 12,340     | 14,280 | 1539           |
| KENAI PENINSULA    | 799            | 21.0             | 10.5        | 13.4       | .3   | .5            | .5   | 8,330  | 10,540     | 12,170 | 9              |
|                    | COUNTY AVERAGE | 21.0             | 10.5        | 13.4       | .3   | .5            | .5   | 8,330  | 10,540     | 12,170 | 9              |
| NORTHERN ALASKA    | 799            | 11.3             | 7.1         | 8.1        | .3   | .4            | .4   | 10,910 | 12,300     | 13,380 | 32             |
|                    | COUNTY AVERAGE | 11.3             | 7.1         | 8.1        | .3   | .4            | .4   | 10,910 | 12,300     | 13,380 | 32             |
| YUKON RIVER        | 001            | 22.6             | 8.5         | 11.1       | .1   | .2            | .2   | 8,630  | 11,150     | 12,550 | 3271           |
|                    | 799            | 25.9             | 9.4         | 12.8       | .2   | .3            | .3   | 7,680  | 10,370     | 11,890 | 45             |
|                    | COUNTY AVERAGE | 22.6             | 8.5         | 11.1       | .1   | .2            | .2   | 8,630  | 11,150     | 12,540 | 3316           |
| STATE AVERAGE      |                | 18.0             | 9.7         | 11.9       | .1   | .2            | .2   | 9,440  | 11,530     | 13,090 | 4896           |

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 04 ARIZONA

| COUNTY   | RED            | MOISTURE | ASH  |      | SULFUR |     |     | A.P.   | BTU    | M&AF   | NO. OF |
|----------|----------------|----------|------|------|--------|-----|-----|--------|--------|--------|--------|
|          |                | A.P.     | A.R. | DRY  | A.R.   | DRY | DRY |        |        |        |        |
| APACHE   | 799            | 12.8     | 20.8 | 23.9 | 1.3    | 1.5 | 1.9 | 8,920  | 10,230 | 13,440 | 3      |
|          | COUNTY AVERAGE | 12.8     | 20.8 | 23.9 | 1.3    | 1.5 | 1.9 | 8,920  | 10,230 | 13,440 | 3      |
| COCONINO | 799            | 10.2     | 11.7 | 13.1 | .8     | .9  | 1.0 | 10,210 | 11,370 | 13,080 | 5      |
|          | COUNTY AVERAGE | 10.2     | 11.7 | 13.1 | .8     | .9  | 1.0 | 10,210 | 11,370 | 13,080 | 5      |
| NAVAJO   | 502            | 11.8     | 6.4  | 7.3  | .6     | .7  | .7  | 11,090 | 12,580 | 13,560 | 2      |
|          | 503            | 11.2     | 7.6  | 8.6  | .3     | .4  | .4  | 10,980 | 12,370 | 13,530 | 4      |
|          | 799            | 11.0     | 13.4 | 15.1 | .8     | .9  | 1.0 | 10,260 | 11,530 | 13,580 | 30     |
|          | COUNTY AVERAGE | 11.1     | 12.4 | 14.0 | .7     | .8  | .9  | 10,390 | 11,680 | 13,580 | 36     |
| PINAL    | 799            | 2.1      | 46.5 | 47.5 | 1.6    | 1.7 | 3.2 |        |        |        | 4      |
|          | COUNTY AVERAGE | 2.1      | 46.5 | 47.5 | 1.6    | 1.7 | 3.2 |        |        |        | 4      |
|          | STATE AVERAGE  | 10.4     | 15.5 | 17.3 | .8     | .9  | 1.0 | 10,350 | 11,550 | 13,960 | 48     |

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 05 ARKANSAS

| COUNTY    | BED            | MOISTURE |      | ASH  |      | SULFUR |      | A.R.   | BTU<br>DRY | M&AF   | NO. OF<br>ANAL |
|-----------|----------------|----------|------|------|------|--------|------|--------|------------|--------|----------------|
|           |                | A.R.     | A.R. | DRY  | A.R. | DRY    | M&AF |        |            |        |                |
| FRANKLIN  | 554            | 2.5      | 7.3  | 7.5  | 1.9  | 2.0    | 2.1  | 14,080 | 14,440     | 15,610 | 5              |
|           | 563            | 3.7      | 8.1  | 8.5  | 1.6  | 1.7    | 1.8  | 13,670 | 14,200     | 15,520 | 28             |
|           | 799            | 2.9      | 6.3  | 6.5  | 3.3  | 3.4    | 3.6  | 14,200 | 14,620     | 15,640 | 1              |
|           | COUNTY AVERAGE | 3.5      | 8.0  | 8.3  | 1.7  | 1.8    | 1.9  | 13,750 | 14,250     | 15,540 | 34             |
| JOHNSON   | 554            | 3.0      | 5.0  | 5.2  | .6   | .7     | .7   | 14,350 | 14,810     | 15,620 | 3              |
|           | 562            | 4.3      | 7.5  | 7.9  | 3.5  | 3.7    | 4.0  | 13,580 | 14,200     | 15,420 | 1              |
|           | 563            | 2.2      | 8.9  | 9.2  | 2.3  | 2.4    | 2.6  | 13,670 | 13,980     | 15,400 | 82             |
|           | COUNTY AVERAGE | 2.3      | 8.8  | 9.1  | 2.2  | 2.3    | 2.5  | 13,690 | 14,010     | 15,410 | 86             |
| LOGAN     | 551            | 1.6      | 11.2 | 11.4 | 2.0  | 2.1    | 2.3  | 13,530 | 13,750     | 15,520 | 87             |
|           | 563            | 3.6      | 7.1  | 7.4  | 1.0  | 1.1    | 1.1  | 13,760 | 14,270     | 15,410 | 5              |
|           | COUNTY AVERAGE | 1.7      | 10.9 | 11.2 | 1.9  | 2.0    | 2.2  | 13,530 | 13,780     | 15,510 | 92             |
| POPE      | 563            | 2.2      | 10.5 | 10.8 | 1.7  | 1.8    | 2.0  | 13,420 | 13,730     | 15,390 | 6              |
|           | COUNTY AVERAGE | 2.2      | 10.5 | 10.8 | 1.7  | 1.8    | 2.0  | 13,420 | 13,730     | 15,390 | 6              |
| SCOTT     | 563            | 1.9      | 9.1  | 9.3  | 1.0  | 1.1    | 1.2  | 13,800 | 14,060     | 15,510 | 17             |
|           | COUNTY AVERAGE | 1.9      | 9.1  | 9.3  | 1.0  | 1.1    | 1.2  | 13,800 | 14,060     | 15,510 | 17             |
| SEBASTIAN | 562            | 1.6      | 7.9  | 8.1  | .8   | .9     | .9   | 14,040 | 14,270     | 15,530 | 143            |
|           | 563            | 2.5      | 9.3  | 9.6  | 1.3  | 1.4    | 1.5  | 13,660 | 14,010     | 15,500 | 116            |
|           | COUNTY AVERAGE | 2.0      | 8.6  | 8.8  | 1.0  | 1.1    | 1.2  | 13,870 | 14,150     | 15,520 | 259            |
|           | STATE AVERAGE  | 2.1      | 9.1  | 9.3  | 1.5  | 1.6    | 1.7  | 13,760 | 14,060     | 15,500 | 494            |

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND RED

STATE: 06 CALIFORNIA

| COUNTY       | RED            | MOISTURE<br>A.R. | ASH<br>A.P. | ASH<br>DRY | A.P. | SULFUR<br>DRY | M&AF | A.R.   | RTU<br>DRY | M&AF   | NO. OF<br>ANAL |
|--------------|----------------|------------------|-------------|------------|------|---------------|------|--------|------------|--------|----------------|
| AMADOR       | 799            | 43.0             | 11.2        | 19.7       | 1.1  | 2.0           | 2.4  | 5.880  | 10.310     | 12.840 | 2              |
|              | COUNTY AVERAGE | 43.0             | 11.2        | 19.7       | 1.1  | 2.0           | 2.4  | 5.880  | 10.310     | 12.840 | 2              |
| CONTRA COSTA | 799            | 15.0             | 12.0        | 14.2       | 5.6  | 6.6           | 7.6  | 9.240  | 10.870     | 12.670 | 1              |
|              | COUNTY AVERAGE | 15.0             | 12.0        | 14.2       | 5.6  | 6.6           | 7.6  | 9.240  | 10.870     | 12.670 | 1              |
| MONTEREY     | 799            | 6.2              | 12.1        | 13.0       | 4.4  | 4.7           | 5.4  | 11.750 | 12.530     | 14.400 | 3              |
|              | COUNTY AVERAGE | 6.2              | 12.1        | 13.0       | 4.4  | 4.7           | 5.4  | 11.750 | 12.530     | 14.400 | 3              |
|              | STATE AVERAGE  | 19.9             | 12.3        | 15.4       | 3.2  | 4.1           | 4.8  | 9.220  | 11.510     | 13.610 | 6              |

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 08 COLORADO

| COUNTY    | RED            | MOISTURE | ASH  | DRY  | SULFUR | RTU | M&AF | A.R.   | RTU    | M&AF   | NO. OF ANAL |
|-----------|----------------|----------|------|------|--------|-----|------|--------|--------|--------|-------------|
|           |                | A.R.     |      |      |        |     |      |        |        |        |             |
| ADAMS     | 799            | 23.7     | 6.0  | 7.9  | .3     | .4  | .4   | 8,670  | 11,370 | 12,340 | 4           |
|           | COUNTY AVERAGE | 23.7     | 6.0  | 7.9  | .3     | .4  | .4   | 8,670  | 11,370 | 12,340 | 4           |
| ARCHULETA | 799            | 3.7      | 13.0 | 13.6 | .6     | .7  | .8   | 12,370 | 12,850 | 14,870 | 20          |
|           | COUNTY AVERAGE | 3.7      | 13.0 | 13.6 | .6     | .7  | .8   | 12,370 | 12,850 | 14,870 | 20          |
| BOULDER   | 039            | 20.5     | 3.5  | 4.5  | .3     | .5  | .5   | 9,980  | 12,560 | 13,150 | 6           |
|           | 799            | 19.1     | 5.9  | 7.3  | .3     | .4  | .4   | 9,940  | 12,280 | 13,250 | 159         |
|           | COUNTY AVERAGE | 19.1     | 5.8  | 7.2  | .3     | .4  | .4   | 9,940  | 12,290 | 13,240 | 165         |
| DELTA     | 753            | 3.9      | 4.4  | 4.6  | .3     | .4  | .4   | 13,400 | 13,940 | 14,610 | 1           |
|           | 754            | 8.8      | 3.8  | 4.2  | .4     | .5  | .5   | 12,380 | 13,570 | 14,170 | 19          |
|           | 799            | 9.8      | 6.3  | 7.0  | .5     | .6  | .6   | 11,860 | 13,150 | 14,140 | 254         |
|           | 978            | 6.6      | 7.9  | 8.5  | .4     | .5  | .5   | 12,450 | 13,330 | 14,570 | 1           |
|           | COUNTY AVERAGE | 9.7      | 6.1  | 6.8  | .5     | .6  | .6   | 11,910 | 13,180 | 14,150 | 275         |
| DOUGLAS   | 799            |          |      | 8.7  |        | 1.8 | 1.9  |        |        |        | 2           |
|           | COUNTY AVERAGE |          |      | 8.7  |        | 1.8 | 1.9  |        |        |        | 2           |
| ELBERT    | 799            | 32.9     | 8.0  | 12.0 | .4     | .7  | .7   | 6,330  | 9,430  | 10,720 | 1           |
|           | COUNTY AVERAGE | 32.9     | 8.0  | 12.0 | .4     | .7  | .7   | 6,330  | 9,430  | 10,720 | 1           |
| EL PASO   | 030            | 24.3     | 5.5  | 7.3  | .3     | .4  | .4   | 8,710  | 11,500 | 12,410 | 39          |
|           | 733            | 22.0     | 6.2  | 8.0  | .2     | .3  | .3   | 8,930  | 11,450 | 12,440 | 225         |
|           | COUNTY AVERAGE | 22.4     | 6.1  | 7.9  | .2     | .3  | .3   | 8,890  | 11,460 | 12,440 | 264         |
| FREMONT   | 001            | 8.3      | 6.5  | 7.1  | 1.3    | 1.5 | 1.6  | 11,840 | 12,910 | 13,890 | 16          |
|           | 002            | 11.0     | 9.0  | 10.2 | .3     | .4  | .4   | 10,820 | 12,160 | 13,540 | 146         |
|           | 712            | 8.6      | 7.4  | 8.1  | .6     | .7  | .7   | 11,620 | 12,710 | 13,830 | 19          |
|           | 732            | 8.3      | 7.7  | 8.5  | .8     | .9  | .9   | 11,680 | 12,740 | 13,920 | 26          |
|           | 736            | 10.6     | 9.8  | 11.0 | 2.3    | 2.6 | 2.9  | 10,820 | 12,100 | 13,590 | 2           |
|           | 744            | 8.6      | 9.2  | 10.1 | .6     | .7  | .7   | 11,330 | 12,390 | 13,780 | 23          |
|           | 749            | 9.0      | 9.1  | 10.1 | .5     | .6  | .6   | 11,410 | 12,540 | 13,950 | 4           |
|           | 758            | 10.1     | 9.1  | 10.2 | .3     | .4  | .4   | 10,960 | 12,190 | 13,570 | 445         |
|           | 765            | 8.9      | 7.1  | 7.9  | .7     | .8  | .8   | 11,460 | 12,580 | 13,660 | 111         |
|           | 767            | 9.1      | 9.5  | 10.5 | 1.2    | 1.4 | 1.5  | 11,260 | 12,390 | 13,840 | 9           |

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND RED

STATE: 08 COLORADO

| COUNTY   | RED            | MOISTURE |      | ASH  |      | SULFUR |      | M&AF   | BTU    |        | NO. OF<br>ANAL |
|----------|----------------|----------|------|------|------|--------|------|--------|--------|--------|----------------|
|          |                | A.R.     | A.R. | DRY  | A.R. | DRY    | A.R. |        | DRY    | M&AF   |                |
| FREMONT  | 799            | 10.3     | 8.8  | 9.9  | .4   | .5     | .5   | 10,980 | 12,240 | 13,580 | 470            |
|          | 971            | 10.9     | 9.6  | 10.8 | .8   | 1.0    | 1.1  | 10,790 | 12,110 | 13,580 | 1              |
|          | COUNTY AVERAGE | 10.1     | 8.8  | 9.8  | .4   | .5     | .5   | 11,030 | 12,270 | 13,600 | 1272           |
| GARFIELD | 063            | 5.8      | 7.3  | 7.8  | .2   | .3     | .3   | 12,350 | 13,110 | 14,220 | 4              |
|          | 067            | 11.4     | 9.3  | 10.6 | .5   | .6     | .6   | 11,140 | 12,570 | 14,060 | 1              |
|          | 704            | 6.9      | 9.9  | 10.7 | .9   | 1.0    | 1.1  | 11,710 | 12,580 | 14,080 | 6              |
|          | 715            | 5.5      | 8.4  | 9.0  | .4   | .5     | .5   | 12,010 | 12,720 | 13,980 | 17             |
|          | 718            | 4.4      | 4.3  | 4.6  | .4   | .5     | .5   | 13,290 | 13,910 | 14,580 | 5              |
|          | 753            | 7.7      | 7.1  | 7.7  | .8   | .9     | .9   | 12,100 | 13,110 | 14,200 | 1              |
|          | 754            | 6.3      | 4.4  | 4.8  | .8   | .9     | .9   | 12,340 | 13,170 | 13,830 | 3              |
|          | 755            | 6.4      | 3.5  | 3.8  | .6   | .7     | .7   | 12,830 | 13,710 | 14,250 | 7              |
|          | 756            | 6.5      | 4.6  | 5.0  | .4   | .5     | .5   | 12,390 | 13,250 | 13,950 | 1              |
|          | 759            | 6.6      | 6.1  | 6.6  | .4   | .5     | .5   | 12,370 | 13,250 | 14,180 | 25             |
|          | 799            | 6.7      | 7.7  | 8.3  | .9   | 1.0    | 1.0  | 12,060 | 12,940 | 14,110 | 188            |
|          | COUNTY AVERAGE | 6.6      | 7.4  | 8.0  | .8   | .9     | .9   | 12,130 | 12,990 | 14,120 | 258            |
| GUNNISON | 001            | 5.5      | 10.1 | 10.7 | .4   | .5     | .5   | 12,110 | 12,820 | 14,360 | 21             |
|          | 051            | 6.7      | 4.3  | 4.7  | .5   | .6     | .6   | 12,020 | 13,970 | 14,660 | 2              |
|          | 052            | 9.8      | 5.4  | 6.0  | .7   | .8     | .8   | 11,970 | 13,270 | 14,120 | 7              |
|          | 053            | 4.7      | 4.2  | 4.5  | .3   | .4     | .4   | 13,220 | 13,870 | 14,530 | 2              |
|          | 054            | 9.4      | 4.8  | 5.3  | .3   | .4     | .4   | 12,200 | 13,470 | 14,220 | 1              |
|          | 055            | 6.1      | 4.3  | 4.6  | 1.0  | 1.1    | 1.1  | 12,170 | 12,960 | 13,590 | 1              |
|          | 056            | 3.3      | 5.1  | 5.3  | .6   | .7     | .7   | 13,990 | 14,470 | 15,280 | 1              |
|          | 059            | 3.0      | 7.4  | 7.7  | .6   | .7     | .7   | 13,490 | 13,920 | 15,080 | 1              |
|          | 753            | 5.2      | 8.5  | 9.0  | .3   | .4     | .4   | 12,490 | 13,180 | 14,480 | 33             |
|          | 754            | 5.5      | 6.1  | 6.5  | .4   | .5     | .5   | 12,740 | 13,500 | 14,440 | 127            |
|          | 755            | 5.8      | 6.5  | 7.0  | .4   | .5     | .5   | 12,630 | 13,410 | 14,410 | 40             |
|          | 756            | 5.6      | 4.4  | 4.7  | .4   | .5     | .5   | 13,040 | 13,830 | 14,510 | 87             |
|          | 799            | 7.0      | 5.9  | 6.4  | .5   | .6     | .6   | 12,480 | 13,420 | 14,340 | 86             |
|          | COUNTY AVERAGE | 5.9      | 6.1  | 6.5  | .4   | .5     | .5   | 12,690 | 13,490 | 14,420 | 409            |
| HUERFANO | 001            | 5.9      | 12.4 | 13.2 | .5   | .6     | .6   | 11,380 | 12,090 | 13,930 | 3              |
|          | 207            | 6.3      | 11.9 | 12.8 | .5   | .6     | .6   | 12,040 | 12,850 | 14,740 | 4              |
|          | 208            | 3.6      | 11.5 | 12.0 | .5   | .6     | .6   | 12,400 | 12,860 | 14,620 | 1              |
|          | 217            | 7.8      | 8.2  | 8.9  | .4   | .5     | .5   | 11,720 | 12,710 | 13,950 | 7              |
|          | 218            | 7.5      | 9.8  | 10.7 | .4   | .5     | .5   | 11,760 | 12,710 | 14,230 | 9              |
|          | 220            | 7.2      | 12.5 | 13.5 | .5   | .6     | .6   | 11,320 | 12,200 | 14,100 | 5              |
|          | 722            | 3.3      | 10.1 | 10.5 | .6   | .7     | .7   | 12,640 | 13,070 | 14,610 | 21             |
|          | 725            | 6.6      | 11.3 | 12.2 | .4   | .5     | .5   | 11,460 | 12,270 | 13,980 | 23             |

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 08 COLORADO

| COUNTY     | BED            | MOISTURE |      | ASH  |      | SULFUR |      | A.R.   | BTU<br>DRY | M&AF   | NO. OF<br>ANAL |
|------------|----------------|----------|------|------|------|--------|------|--------|------------|--------|----------------|
|            |                | A.R.     | A.R. | DRY  | A.R. | DRY    | M&AF |        |            |        |                |
| HUERFANO   | 730            | 5.0      | 13.2 | 13.9 | .5   | .6     | .6   | 11,620 | 12,230     | 14,210 | 9              |
|            | 745            | 5.1      | 10.4 | 11.0 | .4   | .5     | .5   | 11,940 | 12,580     | 14,130 | 92             |
|            | 763            | 5.0      | 11.0 | 11.6 | .7   | .8     | .9   | 11,990 | 12,620     | 14,280 | 115            |
|            | 799            | 5.2      | 10.8 | 11.4 | .6   | .7     | .7   | 11,840 | 12,490     | 14,090 | 70             |
|            | COUNTY AVERAGE | 5.2      | 10.8 | 11.4 | .6   | .7     | .7   | 11,920 | 12,580     | 14,190 | 359            |
| JACKSON    | 044            | 18.7     | 9.7  | 12.0 | .8   | 1.0    | 1.1  | 9,240  | 11,370     | 12,920 | 2              |
|            | 045            | 19.7     | 3.5  | 4.4  | .7   | .9     | .9   | 10,290 | 12,810     | 13,400 | 1              |
|            | 046            | 18.7     | 8.6  | 10.7 | .4   | .5     | .5   | 9,350  | 11,500     | 12,880 | 5              |
|            | 049            | 17.2     | 3.9  | 4.8  | .1   | .2     | .2   | 10,390 | 12,550     | 13,180 | 6              |
|            | 799            | 15.4     | 5.5  | 6.6  | .3   | .4     | .4   | 10,310 | 12,190     | 13,050 | 22             |
|            | COUNTY AVERAGE | 16.5     | 5.9  | 7.1  | .3   | .4     | .4   | 10,120 | 12,120     | 13,050 | 36             |
| JEFFERSON  | 799            | 18.9     | 4.6  | 5.7  | .3   | .4     | .4   | 9,850  | 12,150     | 12,880 | 24             |
|            | COUNTY AVERAGE | 18.9     | 4.6  | 5.7  | .3   | .4     | .4   | 9,850  | 12,150     | 12,880 | 24             |
| LA PLATA   | 232            | 7.1      | 12.6 | 13.6 | .5   | .6     | .6   |        |            |        | 1              |
|            | 799            | 3.9      | 7.2  | 7.5  | 1.4  | 1.5    | 1.6  | 13,120 | 13,650     | 14,750 | 270            |
|            | COUNTY AVERAGE | 3.9      | 7.2  | 7.5  | 1.4  | 1.5    | 1.6  | 13,120 | 13,650     | 14,750 | 271            |
| LARIMER    | 799            | 31.9     | 8.1  | 12.0 | 1.6  | 2.4    | 2.7  | 7,470  | 10,970     | 12,470 | 7              |
|            | COUNTY AVERAGE | 31.9     | 8.1  | 12.0 | 1.6  | 2.4    | 2.7  | 7,470  | 10,970     | 12,470 | 7              |
| LAS ANIMAS | 190            | 2.5      | 16.9 | 17.4 | .8   | .9     | 1.0  | 11,990 | 12,300     | 14,890 | 1              |
|            | 191            | 2.4      | 13.1 | 13.5 | .5   | .6     | .6   | 12,750 | 13,070     | 15,100 | 2              |
|            | 196            | 2.4      | 16.0 | 16.4 | .4   | .5     | .5   | 12,610 | 12,920     | 15,450 | 5              |
|            | 200            | 3.7      | 12.8 | 13.3 | .5   | .6     | .6   | 13,310 | 13,830     | 15,950 | 4              |
|            | 202            | 3.4      | 11.2 | 11.6 | .6   | .7     | .7   | 13,020 | 13,470     | 15,240 | 9              |
|            | 211            | 2.0      | 15.6 | 16.0 | .6   | .7     | .8   | 12,470 | 12,720     | 15,150 | 1              |
|            | 212            | 2.3      | 11.0 | 11.3 | .6   | .7     | .7   | 13,440 | 13,760     | 15,510 | 1              |
|            | 516            | 4.0      | 20.4 | 21.3 | .3   | .4     | .5   | 11,270 | 11,740     | 14,920 | 7              |
|            | 709            | 1.9      | 16.6 | 17.0 | .6   | .7     | .8   | 12,330 | 12,570     | 15,150 | 3              |
|            | 711            | 1.8      | 18.0 | 18.4 | .6   | .7     | .8   | 12,200 | 12,440     | 15,240 | 16             |
|            | 717            | 1.8      | 14.7 | 15.0 | .6   | .7     | .8   | 12,680 | 12,920     | 15,200 | 13             |
|            | 719            | 2.1      | 18.7 | 19.2 | .6   | .7     | .8   | 11,920 | 12,180     | 15,070 | 1              |
|            | 722            | 3.1      | 10.7 | 11.1 | .4   | .5     | .5   | 12,550 | 12,960     | 14,580 | 1              |
|            | 724            | 2.2      | 12.4 | 12.7 | .5   | .6     | .6   | 12,620 | 12,900     | 14,780 | 35             |
|            | 725            | 2.3      | 12.4 | 12.7 | .5   | .6     | .6   | 12,600 | 12,900     | 14,770 | 115            |

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 08 COLORADO

| COUNTY         | BED            | MOISTURE |      | ASH  |      | SULFUR |      | A.R.   | RTU    |        | NO. OF<br>ANAL |
|----------------|----------------|----------|------|------|------|--------|------|--------|--------|--------|----------------|
|                |                | A.R.     | A.P. | DRY  | A.R. | DRY    | M&AF |        | DRY    | M&AF   |                |
| LAS ANIMAS     | 729            | 1.8      | 16.0 | 16.4 | .4   | .5     | .5   | 12.510 | 12.760 | 15.260 | 7              |
|                | 730            | 2.7      | 10.4 | 10.7 | .5   | .6     | .6   | 12.780 | 13.140 | 14.710 | 4              |
|                | 735            | 2.4      | 15.7 | 16.1 | .6   | .7     | .8   | 12.080 | 12.380 | 14.760 | 9              |
|                | 739            | 3.1      | 10.0 | 10.4 | .4   | .5     | .5   | 12.700 | 13.120 | 14.640 | 1              |
|                | 741            | 1.9      | 18.5 | 18.9 | .4   | .5     | .6   | 11.980 | 12.210 | 15.050 | 22             |
|                | 742            | 1.6      | 14.8 | 15.1 | .5   | .6     | .7   | 12.600 | 12.800 | 15.080 | 67             |
|                | 747            | 3.4      | 11.3 | 11.7 | .6   | .7     | .7   | 12.770 | 13.220 | 14.970 | 6              |
|                | 751            | 2.7      | 16.6 | 17.1 | .4   | .5     | .6   | 11.990 | 12.320 | 14.860 | 57             |
|                | 763            | 2.1      | 10.6 | 10.9 | .5   | .6     | .6   | 13.010 | 13.290 | 14.910 | 37             |
|                | 764            | 1.8      | 10.0 | 10.2 | .5   | .6     | .6   | 13.250 | 13.510 | 15.040 | 105            |
|                | 799            | 2.4      | 12.3 | 12.7 | .5   | .6     | .6   | 12.700 | 13.010 | 14.900 | 82             |
|                | 970            | 1.6      | 15.1 | 15.4 | .6   | .7     | .8   | 12.500 | 12.700 | 15.010 | 56             |
| COUNTY AVERAGE |                | 2.1      | 13.3 | 13.6 | .5   | .6     | .6   | 12.640 | 12.910 | 14.950 | 667            |
| MESA           | 066            | 9.4      | 5.8  | 6.5  | 1.0  | 1.2    | 1.2  | 12.120 | 13.380 | 14.310 | 1              |
|                | 727            | 8.7      | 8.2  | 9.0  | .7   | .8     | .8   | 11.830 | 12.960 | 14.240 | 129            |
|                | 770            | 7.5      | 9.8  | 10.6 | .5   | .6     | .6   | 11.750 | 12.710 | 14.210 | 160            |
|                | 799            | 8.8      | 7.0  | 7.7  | .8   | .9     | .9   | 12.070 | 13.240 | 14.340 | 20             |
| COUNTY AVERAGE |                | 8.1      | 8.9  | 9.8  | .6   | .7     | .7   | 11.790 | 12.850 | 14.240 | 310            |
| MOFFAT         | 074            | 17.6     | 5.7  | 7.0  | .4   | .5     | .5   | 9.930  | 12.050 | 12.960 | 5              |
|                | 170            | 12.5     | 6.8  | 7.8  | .7   | .8     | .8   | 10.860 | 12.410 | 13.460 | 1              |
|                | 769            | 10.8     | 3.4  | 3.9  | .2   | .3     | .3   | 11.710 | 13.130 | 13.660 | 74             |
|                | 799            | 14.6     | 5.7  | 6.7  | .2   | .3     | .3   | 10.650 | 12.470 | 13.360 | 7              |
| COUNTY AVERAGE |                | 11.5     | 3.8  | 4.3  | .2   | .3     | .3   | 11.510 | 13.000 | 13.590 | 87             |
| MONTEZUMA      | 799            | 5.5      | 7.9  | 8.4  | .5   | .6     | .6   | 12.750 | 13.510 | 14.750 | 18             |
|                | COUNTY AVERAGE | 5.5      | 7.9  | 8.4  | .5   | .6     | .6   | 12.750 | 13.510 | 14.750 | 18             |
| MONTROSE       | 799            | 5.4      | 9.4  | 10.0 | .6   | .7     | .7   | 12.390 | 13.090 | 14.550 | 17             |
|                | COUNTY AVERAGE | 5.4      | 9.4  | 10.0 | .6   | .7     | .7   | 12.390 | 13.090 | 14.550 | 17             |
| OURAY          | 799            | 15.7     | 7.5  | 8.9  | .5   | .7     | .7   | 10.140 | 12.030 | 13.200 | 2              |
|                | COUNTY AVERAGE | 15.7     | 7.5  | 8.9  | .5   | .7     | .7   | 10.140 | 12.030 | 13.200 | 2              |
| PARK           | 040            | 15.5     | 6.3  | 7.5  | .4   | .5     | .5   | 9.770  | 11.570 | 12.510 | 1              |
|                | 799            | 15.5     | 6.4  | 7.6  | .5   | .6     | .6   | 9.770  | 11.570 | 12.530 | 1              |
|                | COUNTY AVERAGE | 15.5     | 6.3  | 7.5  | .4   | .5     | .5   | 9.770  | 11.570 | 12.510 | 2              |

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 08 COLORADO

| COUNTY     | BED            | MOISTURE | ASH  |      | SULFUR | M&AF | A.R. | BTU     | M&AF   | NO. OF |      |
|------------|----------------|----------|------|------|--------|------|------|---------|--------|--------|------|
|            |                | A.R.     | ASH  | DRY  |        |      |      | BTU DRY |        |        |      |
| PITKIN     | 064            | 2.2      | 6.6  | 6.8  | .4     | .5   | .5   | 14,120  | 14,440 | 15,490 | 1    |
|            | 704            | 3.5      | 13.6 | 14.1 | 1.1    | 1.2  | 1.3  | 12,830  | 13,300 | 15,480 | 1    |
|            | 705            | 2.6      | 8.6  | 8.9  | .9     | 1.0  | 1.0  | 13,740  | 14,110 | 15,490 | 1    |
|            | 718            | 3.0      | 7.3  | 7.6  | .5     | .6   | .6   | 13,670  | 14,100 | 15,260 | 4    |
|            | 759            | 2.3      | 7.3  | 7.5  | .4     | .5   | .5   | 13,750  | 14,070 | 15,210 | 12   |
|            | 799            | 4.0      | 8.5  | 8.9  | .5     | .6   | .6   | 13,780  | 14,360 | 15,760 | 4    |
|            | 974            | 4.8      | 12.2 | 12.9 | .8     | .9   | 1.0  | 12,690  | 13,330 | 15,300 | 1    |
|            | 975            | 3.1      | 11.9 | 12.3 | 1.0    | 1.1  | 1.2  | 13,200  | 13,640 | 15,550 | 1    |
|            | COUNTY AVERAGE | 2.8      | 8.1  | 8.4  | .5     | .6   | .6   | 13,660  | 14,060 | 15,340 | 25   |
| RIO BLANCO | 799            | 11.7     | 6.0  | 6.9  | .4     | .5   | .5   | 11,210  | 12,710 | 13,650 | 65   |
|            | COUNTY AVERAGE | 11.7     | 6.0  | 6.9  | .4     | .5   | .5   | 11,210  | 12,710 | 13,650 | 65   |
| ROUTT      | 065            | 15.0     | 4.3  | 5.1  | .5     | .6   | .6   | 10,940  | 12,870 | 13,560 | 4    |
|            | 151            | 11.8     | 7.2  | 8.2  | .4     | .5   | .5   |         |        |        | 3    |
|            | 178            | 9.8      | 5.4  | 6.0  | .4     | .5   | .5   | 11,760  | 13,040 | 13,870 | 6    |
|            | 180            | 10.5     | 5.6  | 6.3  | .8     | 1.0  | 1.0  | 11,760  | 13,150 | 14,030 | 7    |
|            | 188            | 9.0      | 5.3  | 5.9  | .4     | .5   | .5   | 11,970  | 13,150 | 13,980 | 1    |
|            | 738            | 9.9      | 9.9  | 11.0 | .4     | .5   | .5   | 10,920  | 12,120 | 13,610 | 7    |
|            | 748            | 8.4      | 6.6  | 7.3  | .5     | .6   | .6   | 11,840  | 12,930 | 13,950 | 178  |
|            | 750            | 9.8      | 7.1  | 7.9  | .4     | .5   | .5   | 11,330  | 12,570 | 13,640 | 851  |
|            | 760            | 8.7      | 4.0  | 4.4  | 1.7    | 1.9  | 1.9  | 12,030  | 13,170 | 13,780 | 335  |
|            | 762            | 14.4     | 5.4  | 6.4  | .3     | .4   | .4   | 10,870  | 12,700 | 13,560 | 5    |
|            | 799            | 9.4      | 7.4  | 8.2  | .8     | .9   | .9   | 11,530  | 12,730 | 13,860 | 205  |
|            | COUNTY AVERAGE | 9.4      | 6.4  | 7.1  | .8     | .9   | .9   | 11,560  | 12,760 | 13,730 | 1602 |
| SAN MIGUEL | 799            | 2.8      | 7.9  | 8.2  | 1.4    | 1.5  | 1.6  | 13,400  | 13,790 | 15,020 | 1    |
|            | COUNTY AVERAGE | 2.8      | 7.9  | 8.2  | 1.4    | 1.5  | 1.6  | 13,400  | 13,790 | 15,020 | 1    |
| WELD       | 799            | 21.2     | 4.8  | 6.2  | .3     | .4   | .4   | 9,810   | 12,460 | 13,280 | 2012 |
|            | COUNTY AVERAGE | 21.2     | 4.8  | 6.2  | .3     | .4   | .4   | 9,810   | 12,460 | 13,280 | 2012 |
|            | STATE AVERAGE  | 11.8     | 7.2  | 8.2  | .5     | .6   | .6   | 11,160  | 12,650 | 13,780 | 8175 |

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 16 IDAHO

| COUNTY         | BED | MOISTURE | ASH  |     | SULFUR | M&AF | A.P. | BTU    | M&AF   | NO. OF |
|----------------|-----|----------|------|-----|--------|------|------|--------|--------|--------|
|                |     | A.R.     | A.R. | DRY |        |      |      |        |        |        |
| TETON          | 608 | 5.0      | 5.9  | 6.3 | .3     | .4   | .4   | 12,800 | 13,470 | 1      |
|                | 799 | 6.2      | 5.9  | 6.3 | 1.0    | 1.1  | 1.1  | 12,500 | 13,320 | 9      |
| COUNTY AVERAGE |     | 6.1      | 5.9  | 6.3 | .9     | 1.0  | 1.0  | 12,520 | 13,340 | 10     |
| STATE AVERAGE  |     | 6.1      | 5.9  | 6.3 | .9     | 1.0  | 1.0  | 12,520 | 13,340 | 10     |

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 19 IOWA

| COUNTY    | RED            | MOISTURE | ASH  |      | A.P. | SULFUR | M&AF | A.P.   | BTU    | M&AF   | NO. OF<br>ANAL |
|-----------|----------------|----------|------|------|------|--------|------|--------|--------|--------|----------------|
|           |                | A.R.     | A.P. | DRY  |      | DRY    |      |        | DRY    |        |                |
| ADAMS     | 442            | 8.6      | 11.0 | 12.1 | 4.0  | 4.4    | 5.0  |        |        |        | 4              |
|           | COUNTY AVERAGE | 8.6      | 11.0 | 12.1 | 4.0  | 4.4    | 5.0  |        |        |        | 4              |
| APPANOOSE | 484            | 16.2     | 11.9 | 14.3 | 4.2  | 5.1    | 5.9  | 10.070 | 12.020 | 14.020 | 74             |
|           | 799            | 14.4     | 8.5  | 10.0 | 4.0  | 4.7    | 5.2  | 10.910 | 12.750 | 14.170 | 3              |
|           | COUNTY AVERAGE | 16.1     | 11.9 | 14.2 | 4.2  | 5.1    | 5.9  | 10.110 | 12.050 | 14.040 | 77             |
| BOONE     | 548            | 20.3     | 17.3 | 21.8 | 7.0  | 8.9    | 11.3 | 8.440  | 10.590 | 13.540 | 7              |
|           | 549            | 15.8     | 9.7  | 11.6 | 4.3  | 5.2    | 5.8  | 10.660 | 12.660 | 14.320 | 6              |
|           | COUNTY AVERAGE | 18.2     | 13.9 | 17.1 | 5.8  | 7.2    | 8.6  | 9.370  | 11.450 | 13.810 | 13             |
| CASS      | 799            |          |      | 15.0 |      | 3.7    | 4.3  |        |        |        | 3              |
|           | COUNTY AVERAGE |          |      | 15.0 |      | 3.7    | 4.3  |        |        |        | 3              |
| DALLAS    | 530            | 15.3     | 17.5 | 20.7 | 4.2  | 5.0    | 6.3  | 9.370  | 11.070 | 13.960 | 33             |
|           | 550            | 16.6     | 14.0 | 16.8 | 4.1  | 5.0    | 6.0  | 9.700  | 11.630 | 13.980 | 13             |
|           | COUNTY AVERAGE | 15.6     | 16.5 | 19.6 | 4.2  | 5.0    | 6.2  | 9.470  | 11.230 | 13.960 | 46             |
| DAVIS     | 529            | 3.5      | 9.6  | 10.0 | 5.4  | 5.6    | 6.2  |        |        |        | 2              |
|           | 799            | 12.2     | 16.6 | 19.0 | 7.5  | 8.6    | 10.6 | 9.990  | 11.380 | 14.050 | 1              |
|           | COUNTY AVERAGE | 6.4      | 12.1 | 13.0 | 6.1  | 6.6    | 7.5  | 10.650 | 11.380 | 13.080 | 3              |
| DECATUR   | 799            | 4.6      | 11.2 | 11.8 | 3.3  | 3.5    | 3.9  |        |        |        | 5              |
|           | COUNTY AVERAGE | 4.6      | 11.2 | 11.8 | 3.3  | 3.5    | 3.9  |        |        |        | 5              |
| GREENE    | 799            | 10.6     | 8.2  | 9.2  | 4.1  | 4.6    | 5.0  | 10.640 | 11.900 | 13.100 | 2              |
|           | COUNTY AVERAGE | 10.6     | 8.2  | 9.2  | 4.1  | 4.6    | 5.0  | 10.640 | 11.900 | 13.100 | 2              |
| GUTHRIE   | 799            | 11.2     | 5.6  | 6.4  | 5.8  | 6.6    | 7.0  |        |        |        | 1              |
|           | COUNTY AVERAGE | 11.2     | 5.6  | 6.4  | 5.8  | 6.6    | 7.0  |        |        |        | 1              |
| HAMILTON  | 566            | 8.3      | 7.3  | 8.0  | 4.9  | 5.4    | 5.8  |        |        |        | 2              |
|           | COUNTY AVERAGE | 8.3      | 7.3  | 8.0  | 4.9  | 5.4    | 5.8  |        |        |        | 2              |

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 19 IOWA

| COUNTY  | BED            | MOISTURE |      | ASH  |      | SULFUR |      | A.R.   | BTU<br>DRY | M&AF   | NO. OF<br>ANAL |
|---------|----------------|----------|------|------|------|--------|------|--------|------------|--------|----------------|
|         |                | A.R.     | A.R. | DRY  | A.R. | DRY    | M&AF |        |            |        |                |
| HARDIN  | 799            | 10.3     | 6.5  | 7.3  | 3.2  | 3.6    | 3.8  |        |            |        | 1              |
|         | COUNTY AVERAGE | 10.3     | 6.5  | 7.3  | 3.2  | 3.6    | 3.8  |        |            |        | 1              |
|         |                |          |      |      |      |        |      |        |            |        |                |
| JASPER  | 530            | 11.3     | 11.5 | 13.0 | 3.6  | 4.1    | 4.7  | 10,890 | 12,280     | 14,110 | 5              |
|         | 799            | 16.5     | 15.6 | 18.8 | 4.7  | 5.7    | 7.0  | 9,400  | 11,250     | 13,860 | 31             |
|         | COUNTY AVERAGE | 15.8     | 15.1 | 18.0 | 4.6  | 5.5    | 6.7  | 9,570  | 11,370     | 13,870 | 36             |
|         |                |          |      |      |      |        |      |        |            |        |                |
| KEOKUK  | 539            | 6.5      | 12.9 | 13.8 | 7.1  | 7.7    | 8.9  |        |            |        | 5              |
|         | COUNTY AVERAGE | 6.5      | 12.9 | 13.8 | 7.1  | 7.7    | 8.9  |        |            |        | 5              |
|         |                |          |      |      |      |        |      |        |            |        |                |
| LUCAS   | 530            | 16.6     | 13.4 | 16.1 | 3.8  | 4.6    | 5.4  | 9,750  | 11,690     | 13,930 | 31             |
|         | 799            | 16.5     | 12.1 | 14.6 | 2.8  | 3.4    | 3.9  | 9,930  | 11,900     | 13,930 | 28             |
|         | COUNTY AVERAGE | 16.6     | 12.8 | 15.4 | 3.4  | 4.1    | 4.8  | 9,830  | 11,790     | 13,930 | 59             |
|         |                |          |      |      |      |        |      |        |            |        |                |
| MAHASKA | 517            | 12.8     | 25.8 | 29.6 | 5.4  | 6.3    | 8.9  | 8,350  | 9,570      | 13,590 | 1              |
|         | 530            | 9.1      | 9.7  | 10.7 | 3.6  | 4.0    | 4.4  | 11,670 | 12,840     | 14,380 | 9              |
|         | 539            | 5.1      | 16.3 | 17.2 | 7.4  | 7.8    | 9.4  | 10,870 | 11,450     | 13,830 | 1              |
|         | 548            | 10.7     | 10.1 | 11.4 | 5.4  | 6.1    | 6.8  | 11,190 | 12,530     | 14,140 | 10             |
|         | 550            | 12.4     | 13.9 | 15.9 | 7.5  | 8.6    | 10.2 | 9,640  | 11,000     | 13,080 | 1              |
|         | 799            | 13.3     | 13.4 | 15.5 | 4.7  | 5.5    | 6.5  | 10,270 | 11,850     | 14,020 | 30             |
|         | COUNTY AVERAGE | 11.9     | 12.5 | 14.2 | 4.8  | 5.5    | 6.4  | 10,570 | 12,000     | 13,990 | 52             |
|         |                |          |      |      |      |        |      |        |            |        |                |
| MARION  | 001            | 17.8     | 12.5 | 15.3 | 5.6  | 6.9    | 8.1  | 9,670  | 11,770     | 13,900 | 1              |
|         | 484            | 15.8     | 12.7 | 15.2 | 5.0  | 6.0    | 7.0  | 9,880  | 11,730     | 13,840 | 5              |
|         | 530            | 15.8     | 12.9 | 15.4 | 4.8  | 5.8    | 6.8  | 9,870  | 11,720     | 13,860 | 439            |
|         | 799            | 15.6     | 13.8 | 16.4 | 5.1  | 6.1    | 7.2  | 9,810  | 11,620     | 13,900 | 99             |
|         | COUNTY AVERAGE | 15.7     | 13.1 | 15.6 | 4.8  | 5.8    | 6.8  | 9,870  | 11,700     | 13,870 | 544            |
| MONROE  | 517            | 10.8     | 13.6 | 15.3 | 3.1  | 3.5    | 4.1  | 10,800 | 12,110     | 14,290 | 8              |
|         | 530            | 13.8     | 14.0 | 16.3 | 2.8  | 3.3    | 3.9  | 10,240 | 11,880     | 14,190 | 68             |
|         | 548            | 13.4     | 12.2 | 14.2 | 5.2  | 6.1    | 7.1  | 10,680 | 12,330     | 14,370 | 9              |
|         | 550            | 13.4     | 13.8 | 16.0 | 5.3  | 6.2    | 7.3  | 10,120 | 11,690     | 13,920 | 1              |
|         | 799            | 15.9     | 12.0 | 14.3 | 4.2  | 5.0    | 5.8  | 10,130 | 12,050     | 14,060 | 20             |
|         | COUNTY AVERAGE | 14.0     | 13.4 | 15.6 | 3.3  | 3.9    | 4.6  | 10,290 | 11,960     | 14,170 | 106            |
|         |                |          |      |      |      |        |      |        |            |        |                |
| PAGE    | 442            | 20.4     | 10.1 | 12.7 | 3.1  | 4.0    | 4.5  | 9,540  | 11,990     | 13,730 | 2              |
|         | COUNTY AVERAGE | 20.4     | 10.1 | 12.7 | 3.1  | 4.0    | 4.5  | 9,540  | 11,990     | 13,730 | 2              |

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 19 IOWA

| COUNTY        | BED            | MOISTURE |      | ASH  |      | SULFUR |      | A.R.   | BTU<br>DRY | M&AF   | NO. OF<br>ANAL |
|---------------|----------------|----------|------|------|------|--------|------|--------|------------|--------|----------------|
|               |                | A.R.     | A.R. | DRY  | A.R. | DRY    | M&AF |        |            |        |                |
| POLK          | 530            | 14.6     | 18.6 | 21.8 | 5.7  | 6.7    | 8.5  | 9,290  | 10,880     | 13,910 | 82             |
|               | 548            | 6.8      | 16.1 | 17.4 | 4.6  | 5.0    | 6.0  |        |            |        | 1              |
|               | 550            | 14.1     | 15.2 | 17.7 | 5.3  | 6.2    | 7.5  | 9,870  | 11,490     | 13,950 | 28             |
|               | COUNTY AVERAGE | 14.4     | 17.7 | 20.7 | 5.6  | 6.6    | 8.3  | 9,440  | 11,030     | 13,900 | 111            |
| SCOTT         | 529            | 3.4      | 10.5 | 10.9 | 2.8  | 3.0    | 3.3  |        |            |        | 5              |
|               | COUNTY AVERAGE | 3.4      | 10.5 | 10.9 | 2.8  | 3.0    | 3.3  |        |            |        | 5              |
| TAYLOR        | 442            | 20.4     | 11.8 | 14.9 | 3.9  | 5.0    | 5.8  | 9,320  | 11,710     | 13,760 | 4              |
|               | COUNTY AVERAGE | 20.4     | 11.8 | 14.9 | 3.9  | 5.0    | 5.8  | 9,320  | 11,710     | 13,760 | 4              |
| VAN BUREN     | 799            | 11.9     | 13.4 | 15.3 | 6.2  | 7.1    | 8.3  | 10,550 | 11,970     | 14,130 | 3              |
|               | COUNTY AVERAGE | 11.9     | 13.4 | 15.3 | 6.2  | 7.1    | 8.3  | 10,550 | 11,970     | 14,130 | 3              |
| WAPELLO       | 484            | 16.9     | 10.2 | 12.3 | 4.1  | 5.0    | 5.7  | 10,230 | 12,310     | 14,040 | 4              |
|               | 517            | 8.0      | 19.7 | 21.5 | 6.9  | 7.6    | 9.6  | 9,950  | 10,830     | 13,800 | 1              |
|               | 529            | 11.9     | 10.4 | 11.9 | 4.6  | 5.3    | 6.0  | 11,340 | 12,880     | 14,620 | 1              |
|               | 539            | 10.1     | 14.1 | 15.7 | 4.9  | 5.5    | 6.5  | 10,800 | 12,010     | 14,250 | 2              |
|               | 799            | 14.3     | 13.0 | 15.2 | 4.9  | 5.8    | 6.8  | 10,300 | 12,020     | 14,170 | 9              |
|               | COUNTY AVERAGE | 13.9     | 12.6 | 14.7 | 4.9  | 5.7    | 6.6  | 10,390 | 12,070     | 14,150 | 17             |
| WARREN        | 530            | 11.7     | 13.7 | 15.6 | 4.2  | 4.8    | 5.6  | 10,530 | 11,940     | 14,150 | 41             |
|               | 799            | 12.9     | 9.0  | 10.4 | 3.6  | 4.2    | 4.6  | 11,110 | 12,750     | 14,230 | 2              |
|               | COUNTY AVERAGE | 11.8     | 13.4 | 15.3 | 4.2  | 4.8    | 5.6  | 10,570 | 11,980     | 14,140 | 43             |
| WAYNE         | 484            | 18.7     | 10.6 | 13.1 | 4.8  | 6.0    | 6.9  | 9,830  | 12,090     | 13,910 | 1              |
|               | COUNTY AVERAGE | 18.7     | 10.6 | 13.1 | 4.8  | 6.0    | 6.9  | 9,830  | 12,090     | 13,910 | 1              |
| WEBSTER       | 530            | 21.6     | 11.9 | 15.3 | 5.8  | 7.5    | 8.8  | 9,040  | 11,530     | 13,610 | 4              |
|               | 564            | 12.7     | 10.3 | 11.8 | 5.3  | 6.1    | 6.9  |        |            |        | 1              |
|               | 566            | 8.5      | 10.1 | 11.1 | 5.3  | 5.8    | 6.5  |        |            |        | 1              |
|               | 567            | 5.9      | 15.9 | 16.9 | 7.0  | 7.5    | 9.0  |        |            |        | 1              |
|               | COUNTY AVERAGE | 16.2     | 12.0 | 14.4 | 5.8  | 7.0    | 8.1  | 9,660  | 11,530     | 13,460 | 7              |
| STATE AVERAGE |                | 15.0     | 13.6 | 16.0 | 4.6  | 5.5    | 6.5  | 9,930  | 11,690     | 13,910 | 1152           |

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 20 KANSAS

| COUNTY      | BED            | MOISTURE<br>A.R. | ASH<br>A.R. | ASH<br>DRY | A.R. | SULFUR<br>DRY | M&AF | A.R.   | BTU<br>DRY | M&AF   | NO. OF<br>ANAL |
|-------------|----------------|------------------|-------------|------------|------|---------------|------|--------|------------|--------|----------------|
| ATCHISON    | 799            |                  |             | 13.1       |      | 8.6           | 9.8  |        | 12,790     | 14,720 | 1              |
|             | COUNTY AVERAGE |                  |             | 13.1       |      | 8.6           | 9.8  |        | 12,790     | 14,720 | 1              |
| CHEROKEE    | 492            | 5.1              | 10.8        | 11.4       | 2.6  | 2.8           | 3.1  | 12,480 | 13,150     | 14,840 | 22             |
|             | 499            | 2.2              | 9.7         | 10.0       | 3.8  | 3.9           | 4.3  | 13,270 | 13,570     | 15,080 | 5              |
|             | 504            | 3.9              | 11.3        | 11.8       | 3.2  | 3.4           | 3.8  | 12,580 | 13,090     | 14,840 | 5              |
|             | COUNTY AVERAGE | 4.4              | 10.7        | 11.2       | 2.9  | 3.1           | 3.4  | 12,620 | 13,200     | 14,870 | 32             |
| CRAWFORD    | 001            | 2.7              | 11.3        | 11.7       | 4.9  | 5.1           | 5.7  | 12,900 | 13,260     | 15,020 | 1              |
|             | 492            | 4.7              | 13.5        | 14.2       | 2.0  | 2.2           | 2.5  | 11,810 | 12,390     | 14,440 | 133            |
|             | 504            | 4.0              | 14.0        | 14.6       | 4.0  | 4.2           | 4.9  | 12,260 | 12,770     | 14,950 | 43             |
|             | 513            | 4.6              | 12.0        | 12.6       | 4.2  | 4.5           | 5.1  | 12,440 | 13,040     | 14,920 | 25             |
|             | COUNTY AVERAGE | 4.5              | 13.4        | 14.1       | 2.7  | 2.9           | 3.3  | 11,990 | 12,560     | 14,620 | 202            |
| FRANKLIN    | 444            |                  |             | 10.8       |      | 1.7           | 1.9  |        | 12,630     | 14,150 | 5              |
|             | COUNTY AVERAGE |                  |             | 10.8       |      | 1.7           | 1.9  |        | 12,630     | 14,150 | 5              |
| LARETTE     | 799            |                  |             | 2.1        |      | 3.2           | 3.2  |        | 14,000     | 14,300 | 1              |
|             | COUNTY AVERAGE |                  |             | 2.1        |      | 3.2           | 3.2  |        | 14,000     | 14,300 | 1              |
| LEAVENWORTH | 492            | 9.6              | 17.1        | 19.0       | 6.4  | 7.1           | 8.7  | 10,410 | 11,510     | 14,210 | 1              |
|             | COUNTY AVERAGE | 9.6              | 17.1        | 19.0       | 6.4  | 7.1           | 8.7  | 10,410 | 11,510     | 14,210 | 1              |
| LINN        | 482            | 9.3              | 13.4        | 14.8       | 2.8  | 3.2           | 3.7  | 11,380 | 12,560     | 14,740 | 15             |
|             | COUNTY AVERAGE | 9.3              | 13.4        | 14.8       | 2.8  | 3.2           | 3.7  | 11,380 | 12,560     | 14,740 | 15             |
| MIAMI       | 799            |                  |             | 11.4       |      | 5.5           | 6.2  |        | 13,510     | 15,250 | 1              |
|             | COUNTY AVERAGE |                  |             | 11.4       |      | 5.5           | 6.2  |        | 13,510     | 15,250 | 1              |
| MONTGOMERY  | 799            |                  |             | 13.0       |      | .7            | .8   |        | 13,390     | 15,390 | 4              |
|             | COUNTY AVERAGE |                  |             | 13.0       |      | .7            | .8   |        | 13,390     | 15,390 | 4              |
| NEOSHO      | 799            |                  |             | 8.0        |      | 1.0           | 1.0  |        | 14,540     | 15,800 | 3              |
|             | COUNTY AVERAGE |                  |             | 8.0        |      | 1.0           | 1.0  |        | 14,540     | 15,800 | 3              |

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 20 KANSAS

| COUNTY  | BED            | MOISTURE |      | ASH  |      | SULFUR |      | A.R.   | BTU    |        | NO. OF<br>ANAL |
|---------|----------------|----------|------|------|------|--------|------|--------|--------|--------|----------------|
|         |                | A.R.     | A.R. | DRY  | A.R. | DRY    | M&AF |        | DRY    | M&AF   |                |
| OSAGE   | 442            | 12.3     | 11.1 | 12.7 | 4.9  | 5.7    | 6.5  | 10,470 | 11,940 | 13,680 | 2              |
|         | COUNTY AVERAGE | 12.3     | 11.1 | 12.7 | 4.9  | 5.7    | 6.5  | 10,470 | 11,940 | 13,680 | 2              |
| SHAWNEE | 799            |          |      | 42.2 |      | 1.2    | 2.0  |        |        |        | 1              |
|         | COUNTY AVERAGE |          |      | 42.2 |      | 1.2    | 2.0  |        |        |        | 1              |
| WILSON  | 799            |          |      | 13.8 |      | 2.1    | 2.4  |        | 13,320 | 15,450 | 2              |
|         | COUNTY AVERAGE |          |      | 13.8 |      | 2.1    | 2.4  |        | 13,320 | 15,450 | 2              |
|         | STATE AVERAGE  | 4.9      | 13.0 | 13.7 | 2.7  | 2.9    | 3.3  | 12,050 | 12,680 | 14,690 | 270            |

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 29 MISSOURI

| COUNTY   | BED            | MOISTURE |      | ASH  |      | SULFUR |      | A.R.   | BTU<br>DRY | M&AF   | NO. OF<br>ANAL |
|----------|----------------|----------|------|------|------|--------|------|--------|------------|--------|----------------|
|          |                | A.R.     | A.R. | DRY  | A.R. | DRY    | M&AF |        |            |        |                |
| ADAIR    | 484            | 15.7     | 11.2 | 13.3 | 3.6  | 4.3    | 4.9  |        |            |        | 3              |
|          | 492            | 13.1     | 15.2 | 17.5 | 4.4  | 5.1    | 6.1  | 10,050 | 11,560     | 14,020 | 33             |
|          | COUNTY AVERAGE | 13.3     | 14.9 | 17.2 | 4.3  | 5.0    | 6.0  | 10,030 | 11,560     | 13,970 | 36             |
| AUDRAIN  | 490            | 10.3     | 11.9 | 13.3 | 4.8  | 5.4    | 6.2  |        |            |        | 5              |
|          | COUNTY AVERAGE | 10.3     | 11.9 | 13.3 | 4.8  | 5.4    | 6.2  |        |            |        | 5              |
| BARTON   | 513            | 4.4      | 9.6  | 10.1 | 4.0  | 4.2    | 4.6  | 12,730 | 13,320     | 14,810 | 43             |
|          | 540            | 2.8      | 15.7 | 16.2 | 4.5  | 4.7    | 5.6  | 12,140 | 12,490     | 14,900 | 1              |
|          | 545            | 1.5      | 22.6 | 23.0 | 5.5  | 5.6    | 7.2  | 11,100 | 11,270     | 14,640 | 1              |
|          | 925            | 5.2      | 26.5 | 28.0 | 4.3  | 4.6    | 6.3  | 10,070 | 10,620     | 14,750 | 2              |
|          | COUNTY AVERAGE | 4.3      | 10.8 | 11.3 | 4.1  | 4.3    | 4.8  | 12,560 | 13,140     | 14,810 | 47             |
| BATES    | 482            | 7.8      | 13.8 | 15.0 | 2.6  | 2.9    | 3.4  | 11,480 | 12,460     | 14,650 | 61             |
|          | 492            | 14.6     | 11.1 | 13.1 | 2.2  | 2.6    | 2.9  | 10,970 | 12,840     | 14,770 | 1              |
|          | 504            | 10.3     | 13.8 | 15.4 | 4.3  | 4.9    | 5.7  | 10,130 | 11,300     | 13,350 | 12             |
|          | COUNTY AVERAGE | 8.3      | 13.7 | 15.0 | 2.9  | 3.2    | 3.7  | 11,380 | 12,410     | 14,600 | 74             |
| CALDWELL | 987            | 11.2     | 12.6 | 14.2 | 8.1  | 9.2    | 10.7 |        |            |        | 3              |
|          | COUNTY AVERAGE | 11.2     | 12.6 | 14.2 | 8.1  | 9.2    | 10.7 |        |            |        | 3              |
| CALLAWAY | 492            | 11.6     | 12.0 | 13.6 | 5.2  | 5.9    | 6.8  | 11,050 | 12,500     | 14,470 | 8              |
|          | COUNTY AVERAGE | 11.6     | 12.0 | 13.6 | 5.2  | 5.9    | 6.8  | 11,050 | 12,500     | 14,470 | 8              |
| CLARK    | 799            | 6.3      | 12.6 | 13.5 | 6.9  | 7.4    | 8.5  | 10,600 | 11,320     | 13,080 | 2              |
|          | COUNTY AVERAGE | 6.3      | 12.6 | 13.5 | 6.9  | 7.4    | 8.5  | 10,600 | 11,320     | 13,080 | 2              |
| CLAY     | 484            | 12.4     | 14.8 | 17.0 | 3.5  | 4.1    | 4.9  | 10,290 | 11,740     | 14,150 | 147            |
|          | 492            | 14.3     | 13.0 | 15.2 | 4.0  | 4.7    | 5.5  | 10,140 | 11,830     | 13,950 | 4              |
|          | COUNTY AVERAGE | 12.4     | 14.8 | 17.0 | 3.5  | 4.1    | 4.9  | 10,290 | 11,750     | 14,150 | 151            |
| DADE     | 799            |          |      | 7.2  |      | 1.3    | 1.4  |        | 13,750     | 14,810 | 2              |
|          | COUNTY AVERAGE |          |      | 7.2  |      | 1.3    | 1.4  |        | 13,750     | 14,810 | 2              |

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 29 MISSOURI

| COUNTY    | BED            | MOISTURE |      | ASH  |      | SULFUR |      | A.P.   | BTU<br>DRY | M&AF   | NO. OF<br>ANAL |
|-----------|----------------|----------|------|------|------|--------|------|--------|------------|--------|----------------|
|           |                | A.R.     | A.R. | DRY  | A.R. | DRY    | M&AF |        |            |        |                |
| DAVIESS   | 484            | 12.1     | 11.0 | 12.6 | 4.8  | 5.5    | 6.2  | 11,020 | 12,540     | 14,350 | 1              |
|           | COUNTY AVERAGE | 12.1     | 11.0 | 12.6 | 4.8  | 5.5    | 6.2  | 11,020 | 12,540     | 14,350 | 1              |
| GRUNDY    | 484            | 12.5     | 11.6 | 13.3 | 3.1  | 3.6    | 4.1  |        |            |        | 3              |
|           | COUNTY AVERAGE | 12.5     | 11.6 | 13.3 | 3.1  | 3.6    | 4.1  |        |            |        | 3              |
| HARRISON  | 545            | 12.6     | 11.0 | 12.7 | 4.9  | 5.7    | 6.5  | 10,820 | 12,380     | 14,180 | 3              |
|           | 799            | 12.3     | 8.7  | 10.0 | 3.9  | 4.5    | 4.9  | 10,490 | 11,960     | 13,280 | 6              |
|           | COUNTY AVERAGE | 12.4     | 9.5  | 10.9 | 4.2  | 4.9    | 5.4  | 10,660 | 12,170     | 13,660 | 9              |
| HENRY     | 492            | 8.9      | 10.4 | 11.5 | 5.1  | 5.6    | 6.3  | 11,670 | 12,810     | 14,470 | 6              |
|           | 509            | 6.8      | 11.5 | 12.4 | 3.6  | 3.9    | 4.4  | 11,960 | 12,850     | 14,670 | 100            |
|           | 545            | 10.5     | 12.0 | 13.5 | 3.9  | 4.4    | 5.0  |        |            |        | 12             |
|           | 799            | 12.9     | 5.9  | 6.8  | 1.3  | 1.5    | 1.6  | 11,980 | 13,760     | 14,760 | 1              |
|           | COUNTY AVERAGE | 7.3      | 11.4 | 12.4 | 3.7  | 4.0    | 4.5  | 11,920 | 12,850     | 14,670 | 119            |
| JOHNSON   | 492            | 12.2     | 10.3 | 11.8 | 4.8  | 5.5    | 6.2  | 11,060 | 12,600     | 14,290 | 9              |
|           | 979            | 8.9      | 13.5 | 14.9 | 5.4  | 6.0    | 7.0  | 10,800 | 11,850     | 13,920 | 1              |
|           | 987            | 12.4     | 7.6  | 8.7  | 3.8  | 4.4    | 4.8  |        |            |        | 3              |
|           | COUNTY AVERAGE | 12.0     | 9.9  | 11.3 | 4.6  | 5.3    | 5.9  | 11,020 | 12,530     | 14,120 | 13             |
| LAFAYETTE | 484            | 11.5     | 14.1 | 16.0 | 3.6  | 4.1    | 4.8  | 10,620 | 12,000     | 14,280 | 3              |
|           | 545            | 11.4     | 15.1 | 17.1 | 6.3  | 7.2    | 8.6  | 10,860 | 12,260     | 14,790 | 4              |
|           | COUNTY AVERAGE | 11.4     | 14.7 | 16.6 | 5.1  | 5.8    | 6.9  | 10,690 | 12,060     | 14,460 | 7              |
| LINN      | 509            | 10.4     | 13.7 | 15.3 | 5.7  | 6.4    | 7.5  | 10,770 | 12,020     | 14,190 | 19             |
|           | COUNTY AVERAGE | 10.4     | 13.7 | 15.3 | 5.7  | 6.4    | 7.5  | 10,770 | 12,020     | 14,190 | 19             |
| MACON     | 490            | 11.0     | 13.7 | 15.4 | 4.9  | 5.6    | 6.6  | 10,750 | 12,080     | 14,280 | 3              |
|           | 492            | 12.3     | 12.6 | 14.4 | 4.3  | 5.0    | 5.8  | 10,600 | 12,090     | 14,120 | 22             |
|           | 799            | 11.1     | 8.0  | 9.0  | 3.1  | 3.5    | 3.8  | 11,390 | 12,810     | 14,070 | 1              |
|           | COUNTY AVERAGE | 12.1     | 12.5 | 14.3 | 4.3  | 5.0    | 5.8  | 10,650 | 12,120     | 14,140 | 26             |
| PLATTE    | 987            |          |      | 16.4 |      | 5.0    | 5.9  |        | 11,510     | 13,770 | 2              |
|           | COUNTY AVERAGE |          |      | 16.4 |      | 5.0    | 5.9  |        | 11,510     | 13,770 | 2              |

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 29 MISSOURI

| COUNTY   | BED            | MOISTURE |      | ASH  |      | SULFUR |      | A.P.   | BTU<br>DRY | M&AF   | NO. OF<br>ANAL |
|----------|----------------|----------|------|------|------|--------|------|--------|------------|--------|----------------|
|          |                | A.P.     | A.R. | DRY  | A.R. | DRY    | M&AF |        |            |        |                |
| PUTNAM   | 484            | 17.6     | 10.4 | 12.7 | 3.7  | 4.5    | 5.1  | 9,910  | 12,030     | 13,780 | 5              |
|          | COUNTY AVERAGE | 17.6     | 10.4 | 12.7 | 3.7  | 4.5    | 5.1  | 9,910  | 12,030     | 13,780 | 5              |
| ROLLS    | 799            | 7.0      | 10.3 | 11.1 | 4.2  | 4.6    | 5.1  | 11,510 | 12,370     | 13,920 | 3              |
|          | COUNTY AVERAGE | 7.0      | 10.3 | 11.1 | 4.2  | 4.6    | 5.1  | 11,510 | 12,370     | 13,920 | 3              |
| RANDOLPH | 490            | 8.6      | 8.4  | 9.2  | 4.6  | 5.1    | 5.6  |        |            |        | 3              |
|          | 492            | 9.4      | 11.6 | 12.9 | 4.6  | 5.1    | 5.8  | 11,340 | 12,510     | 14,370 | 60             |
|          | COUNTY AVERAGE | 9.4      | 11.5 | 12.7 | 4.6  | 5.1    | 5.8  | 11,340 | 12,510     | 14,330 | 63             |
| RAY      | 484            | 11.9     | 13.4 | 15.3 | 4.4  | 5.1    | 6.0  | 10,610 | 12,040     | 14,220 | 38             |
|          | COUNTY AVERAGE | 11.9     | 13.4 | 15.3 | 4.4  | 5.1    | 6.0  | 10,610 | 12,040     | 14,220 | 38             |
| ST CLAIR | 509            | 5.3      | 20.9 | 22.1 | 5.4  | 5.8    | 7.4  | 10,590 | 11,180     | 14,350 | 2              |
|          | COUNTY AVERAGE | 5.3      | 20.9 | 22.1 | 5.4  | 5.8    | 7.4  | 10,590 | 11,180     | 14,350 | 2              |
| SULLIVAN | 987            | 13.6     | 16.8 | 19.5 | 5.9  | 6.9    | 8.5  |        |            |        | 2              |
|          | COUNTY AVERAGE | 13.6     | 16.8 | 19.5 | 5.9  | 6.9    | 8.5  |        |            |        | 2              |
| VERNON   | 490            | 5.4      | 10.5 | 11.2 | 3.9  | 4.2    | 4.7  | 12,600 | 13,320     | 15,000 | 6              |
|          | 496            | 5.5      | 14.0 | 14.9 | 4.9  | 5.2    | 6.1  | 11,940 | 12,650     | 14,860 | 5              |
|          | 499            | 2.9      | 11.4 | 11.8 | 5.9  | 6.1    | 6.9  | 12,430 | 12,800     | 14,510 | 1              |
|          | 504            | 3.1      | 14.3 | 14.8 | 6.5  | 6.8    | 7.9  | 12,080 | 12,480     | 14,650 | 3              |
|          | 513            | 4.6      | 12.6 | 13.3 | 5.0  | 5.3    | 6.1  | 12,270 | 12,860     | 14,830 | 1              |
|          | 799            | 6.5      | 16.5 | 17.7 | 3.9  | 4.2    | 5.1  | 11,100 | 11,870     | 14,420 | 1              |
|          | COUNTY AVERAGE | 4.9      | 12.7 | 13.4 | 4.8  | 5.1    | 5.8  | 12,200 | 12,830     | 14,820 | 17             |
|          | STATE AVERAGE  | 9.8      | 12.9 | 14.4 | 4.0  | 4.5    | 5.2  | 11,090 | 12,300     | 14,370 | 657            |

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 30 MONTANA

| COUNTY     | RED            | MOISTURE | ASH  |      | SULFUR | M&AF | A.P. | BTU    | M&AF   | NO. OF |      |
|------------|----------------|----------|------|------|--------|------|------|--------|--------|--------|------|
|            |                | A.R.     | A.R. | DRY  |        |      |      |        |        |        | A.R. |
| BIG HORN   | 698            | 28.8     | 3.2  | 4.6  | .2     | .4   | .4   | 8,230  | 11,560 | 12,120 | 1    |
|            | 799            | 23.9     | 3.4  | 4.5  | .3     | .4   | .4   | 9,540  | 12,540 | 13,130 | 18   |
|            | 935            | 20.6     | 4.3  | 5.5  | .4     | .6   | .6   | 9,880  | 12,440 | 13,160 | 1    |
|            | COUNTY AVERAGE | 23.9     | 3.4  | 4.5  | .3     | .4   | .4   | 9,500  | 12,490 | 13,080 | 20   |
| BLAINE     | 799            | 23.9     | 8.2  | 10.8 | .3     | .5   | .5   | 8,660  | 11,370 | 12,750 | 30   |
|            | COUNTY AVERAGE | 23.9     | 8.2  | 10.8 | .3     | .5   | .5   | 8,660  | 11,370 | 12,750 | 30   |
| BROADWATER | 799            | 3.1      | 28.3 | 29.3 | 7.5    | 7.8  | 11.0 | 9,590  | 9,910  | 14,010 | 6    |
|            | COUNTY AVERAGE | 3.1      | 28.3 | 29.3 | 7.5    | 7.8  | 11.0 | 9,590  | 9,910  | 14,010 | 6    |
| CARRON     | 781            | 9.5      | 10.4 | 11.6 | 1.0    | 1.2  | 1.3  | 10,790 | 11,920 | 13,480 | 87   |
|            | 799            | 8.4      | 14.8 | 16.2 | 1.1    | 1.3  | 1.5  | 10,370 | 11,330 | 13,520 | 6    |
|            | 809            | 9.4      | 11.3 | 12.5 | 2.2    | 2.5  | 2.8  | 10,600 | 11,700 | 13,370 | 3    |
|            | 811            | 9.0      | 9.2  | 10.2 | 2.0    | 2.2  | 2.4  | 11,030 | 12,120 | 13,490 | 262  |
|            | 812            | 11.4     | 9.0  | 10.2 | 1.5    | 1.8  | 2.0  | 10,660 | 12,030 | 13,390 | 3    |
|            | 814            | 9.8      | 11.6 | 12.9 | 2.1    | 2.4  | 2.7  | 10,460 | 11,590 | 13,310 | 5    |
|            | COUNTY AVERAGE | 9.1      | 9.7  | 10.7 | 1.8    | 2.0  | 2.2  | 10,950 | 12,050 | 13,490 | 366  |
| CAPTER     | 799            | 40.1     | 10.7 | 18.0 | 1.0    | 1.8  | 2.1  | 5,910  | 9,860  | 12,030 | 2    |
|            | COUNTY AVERAGE | 40.1     | 10.7 | 18.0 | 1.0    | 1.8  | 2.1  | 5,910  | 9,860  | 12,030 | 2    |
| CASCADE    | 799            | 6.3      | 19.6 | 21.0 | 3.0    | 3.3  | 4.1  | 10,070 | 10,740 | 13,600 | 32   |
|            | 816            | 4.3      | 20.4 | 21.4 | 4.0    | 4.2  | 5.3  | 10,330 | 10,810 | 13,750 | 32   |
|            | COUNTY AVERAGE | 5.3      | 20.0 | 21.2 | 3.5    | 3.7  | 4.6  | 10,200 | 10,770 | 13,670 | 64   |
| CHOUTEAU   | 799            | 13.0     | 14.4 | 16.6 | .6     | .8   | .9   | 9,220  | 10,610 | 12,730 | 22   |
|            | COUNTY AVERAGE | 13.0     | 14.4 | 16.6 | .6     | .8   | .9   | 9,220  | 10,610 | 12,730 | 22   |
| CLUSTER    | 308            | 34.3     | 8.4  | 12.9 | .5     | .8   | .9   | 6,980  | 10,620 | 12,200 | 1    |
|            | 322            | 29.1     | 15.0 | 21.2 | .5     | .8   | 1.0  | 6,660  | 9,400  | 11,920 | 1    |
|            | 330            | 33.6     | 9.1  | 13.8 | .5     | .8   | .9   | 6,850  | 10,310 | 11,960 | 2    |
|            | 799            | 29.8     | 7.1  | 10.2 | .4     | .6   | .6   | 7,700  | 10,960 | 12,210 | 13   |
|            | COUNTY AVERAGE | 30.4     | 7.9  | 11.4 | .4     | .6   | .6   | 7,470  | 10,730 | 12,110 | 17   |

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 30 MONTANA

| COUNTY       | BED            | MOISTURE | ASH  |      | SULFUR |     |     | A.R.   | BTU    | M&AF   | NO. OF |
|--------------|----------------|----------|------|------|--------|-----|-----|--------|--------|--------|--------|
|              |                | A.R.     | A.R. | DRY  | A.P.   | DRY | DRY |        |        |        |        |
| DANIELS      | 376            | 41.3     | 9.2  | 15.7 | .5     | .9  | 1.0 | 5,680  | 9,670  | 11,470 | 1      |
|              | 799            | 33.6     | 8.7  | 13.2 | 1.1    | 1.8 | 2.0 | 6,670  | 10,040 | 11,570 | 2      |
|              | COUNTY AVERAGE | 36.2     | 8.9  | 14.0 | .9     | 1.5 | 1.7 | 6,330  | 9,920  | 11,530 | 3      |
| DAWSON       | 336            | 33.0     | 5.4  | 8.2  | .2     | .4  | .4  | 7,400  | 11,050 | 12,030 | 1      |
|              | 345            | 33.7     | 6.8  | 10.3 | .5     | .8  | .8  | 7,090  | 10,690 | 11,920 | 1      |
|              | 389            | 31.5     | 6.3  | 9.2  | .6     | .9  | .9  | 6,880  | 10,040 | 11,060 | 1      |
|              | 799            | 33.6     | 7.3  | 11.1 | .9     | 1.4 | 1.5 | 7,120  | 10,720 | 12,060 | 13     |
|              | COUNTY AVERAGE | 33.4     | 7.1  | 10.7 | .7     | 1.2 | 1.3 | 7,120  | 10,690 | 11,970 | 16     |
| FALLON       | 799            | 40.1     | 10.7 | 18.0 | 1.0    | 1.8 | 2.1 | 5,910  | 9,860  | 12,030 | 2      |
|              | COUNTY AVERAGE | 40.1     | 10.7 | 18.0 | 1.0    | 1.8 | 2.1 | 5,910  | 9,860  | 12,030 | 2      |
| FERGUS       | 799            | 15.1     | 11.3 | 13.4 | 3.2    | 3.8 | 4.3 | 9,780  | 11,520 | 13,300 | 30     |
|              | COUNTY AVERAGE | 15.1     | 11.3 | 13.4 | 3.2    | 3.8 | 4.3 | 9,780  | 11,520 | 13,300 | 30     |
| FLATHEAD     | 799            | 17.7     | 12.3 | 15.0 | 2.3    | 2.9 | 3.4 | 8,950  | 10,880 | 12,800 | 2      |
|              | COUNTY AVERAGE | 17.7     | 12.3 | 15.0 | 2.3    | 2.9 | 3.4 | 8,950  | 10,880 | 12,800 | 2      |
| GARFIELD     | 799            | 29.8     | 12.4 | 17.8 | .4     | .6  | .7  | 7,210  | 10,270 | 12,490 | 2      |
|              | COUNTY AVERAGE | 29.8     | 12.4 | 17.8 | .4     | .6  | .7  | 7,210  | 10,270 | 12,490 | 2      |
| GLACIER      | 799            | 9.8      | 17.9 | 19.9 | 1.0    | 1.2 | 1.4 | 9,960  | 11,050 | 13,790 | 4      |
|              | COUNTY AVERAGE | 9.8      | 17.9 | 19.9 | 1.0    | 1.2 | 1.4 | 9,960  | 11,050 | 13,790 | 4      |
| GRANITE      | 799            | 19.4     | 16.9 | 21.0 | 1.3    | 1.7 | 2.1 | 8,700  | 10,790 | 13,660 | 1      |
|              | COUNTY AVERAGE | 19.4     | 16.9 | 21.0 | 1.3    | 1.7 | 2.1 | 8,700  | 10,790 | 13,660 | 1      |
| HILL         | 799            | 7.6      | 13.6 | 14.8 | .8     | .9  | 1.0 | 10,450 | 11,310 | 13,270 | 5      |
|              | COUNTY AVERAGE | 7.6      | 13.6 | 14.8 | .8     | .9  | 1.0 | 10,450 | 11,310 | 13,270 | 5      |
| JUDITH BASIN | 799            | 9.9      | 17.4 | 19.4 | 4.1    | 4.6 | 5.7 | 9,610  | 10,660 | 13,230 | 5      |
|              | COUNTY AVERAGE | 9.9      | 17.4 | 19.4 | 4.1    | 4.6 | 5.7 | 9,610  | 10,660 | 13,230 | 5      |

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 30 MONTANA

| COUNTY       | BED            | MOISTURE<br>A.R. | ASH<br>A.R. | ASH<br>DRY | A.R. | SULFUR<br>DRY | M&AF | A.R.   | BTU<br>DRY | M&AF   | NO. OF<br>ANAL |
|--------------|----------------|------------------|-------------|------------|------|---------------|------|--------|------------|--------|----------------|
| MCCONE       | 380            | 30.1             | 7.7         | 11.1       | .5   | .8            | .8   | 7,600  | 10,870     | 12,230 | 3              |
|              | COUNTY AVERAGE | 30.1             | 7.7         | 11.1       | .5   | .8            | .8   | 7,600  | 10,870     | 12,230 | 3              |
| MEAGHER      | 799            | 18.0             | 20.8        | 25.4       | .3   | .4            | .5   | 7,440  | 9,090      | 12,180 | 2              |
|              | COUNTY AVERAGE | 18.0             | 20.8        | 25.4       | .3   | .4            | .5   | 7,440  | 9,090      | 12,180 | 2              |
| MISSOULA     | 799            | 24.9             | 19.7        | 26.3       | .8   | 1.1           | 1.4  | 6,710  | 8,930      | 12,120 | 2              |
|              | COUNTY AVERAGE | 24.9             | 19.7        | 26.3       | .8   | 1.1           | 1.4  | 6,710  | 8,930      | 12,120 | 2              |
| MUSSELSHELL  | 780            | 11.9             | 8.8         | 10.0       | .4   | .5            | .5   | 10,980 | 12,460     | 13,840 | 428            |
|              | 799            | 11.1             | 9.4         | 10.6       | .4   | .5            | .5   | 10,870 | 12,230     | 13,680 | 8              |
|              | 805            | 15.1             | 8.6         | 10.2       | .8   | 1.0           | 1.1  | 10,500 | 12,370     | 13,770 | 7              |
|              | 806            | 15.2             | 6.9         | 8.2        | .5   | .7            | .7   | 10,580 | 12,480     | 13,590 | 24             |
|              | 807            | 19.2             | 7.9         | 9.8        | .8   | 1.0           | 1.1  | 9,680  | 12,000     | 13,300 | 134            |
|              | COUNTY AVERAGE | 13.7             | 8.5         | 9.9        | .5   | .6            | .6   | 10,660 | 12,350     | 13,710 | 601            |
| PARK         | 799            | 7.2              | 17.0        | 18.4       | .5   | .6            | .7   | 11,130 | 12,000     | 14,700 | 10             |
|              | COUNTY AVERAGE | 7.2              | 17.0        | 18.4       | .5   | .6            | .7   | 11,130 | 12,000     | 14,700 | 10             |
| PHILLIPS     | 799            | 22.4             | 23.4        | 30.2       | 1.0  | 1.3           | 1.8  | 6,020  | 7,760      | 11,110 | 2              |
|              | COUNTY AVERAGE | 22.4             | 23.4        | 30.2       | 1.0  | 1.3           | 1.8  | 6,020  | 7,760      | 11,110 | 2              |
| PONDERA      | 799            | 6.6              | 13.9        | 14.9       | 3.0  | 3.3           | 3.8  | 10,930 | 11,700     | 13,750 | 1              |
|              | COUNTY AVERAGE | 6.6              | 13.9        | 14.9       | 3.0  | 3.3           | 3.8  | 10,930 | 11,700     | 13,750 | 1              |
| POWDER RIVER | 291            | 32.0             | 5.9         | 8.8        | .2   | .3            | .3   | 7,650  | 11,250     | 12,330 | 1              |
|              | 300            | 29.7             | 5.8         | 8.3        | .4   | .6            | .6   | 7,900  | 11,240     | 12,260 | 14             |
|              | 302            | 31.0             | 7.8         | 11.4       | .4   | .7            | .7   | 7,550  | 10,950     | 12,350 | 3              |
|              | 304            | 30.7             | 5.8         | 8.4        | .2   | .3            | .3   | 7,770  | 11,220     | 12,250 | 3              |
|              | 524            | 35.2             | 4.0         | 6.2        | .3   | .5            | .5   | 6,930  | 10,690     | 11,400 | 1              |
|              | 526            | 30.1             | 7.3         | 10.5       | .5   | .8            | .8   | 7,800  | 11,160     | 12,470 | 5              |
|              | 799            | 31.8             | 6.2         | 9.2        | .2   | .3            | .3   | 7,630  | 11,190     | 12,320 | 14             |
|              | COUNTY AVERAGE | 30.8             | 6.2         | 9.1        | .3   | .5            | .5   | 7,730  | 11,180     | 12,290 | 41             |
| PRAIRIE      | 799            | 30.6             | 6.0         | 8.7        | .4   | .6            | .6   | 7,840  | 11,290     | 12,370 | 27             |
|              | COUNTY AVERAGE | 30.6             | 6.0         | 8.7        | .4   | .6            | .6   | 7,840  | 11,290     | 12,370 | 27             |

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 30 MONTANA

| COUNTY     | BED            | MOISTURE | ASH  |      | SULFUR | M&AF | A.R. | BTU    | M&AF   | NO. OF |        |    |
|------------|----------------|----------|------|------|--------|------|------|--------|--------|--------|--------|----|
|            |                | A.R.     | DRY  | DRY  |        |      |      |        |        |        |        |    |
| RICHLAND   | 304            | 27.3     | 3.9  | 5.4  | .4     | .6   | .6   | 9,020  | 12,410 | 13,110 | 1      |    |
|            | 315            | 27.3     | 4.5  | 6.3  | .5     | .8   | .8   | 8,850  | 12,170 | 12,990 | 1      |    |
|            | 337            | 36.5     | 6.6  | 10.4 | .8     | 1.4  | 1.5  | 7,150  | 11,260 | 12,570 | 1      |    |
|            | 342            | 38.3     | 5.9  | 9.7  | .4     | .8   | .8   | 6,710  | 10,880 | 12,040 | 1      |    |
|            | 345            | 38.3     | 5.9  | 9.7  | .4     | .8   | .8   | 6,880  | 11,150 | 12,350 | 1      |    |
|            | 371            | 23.9     | 7.0  | 9.3  | .6     | .8   | .8   | 9,160  | 12,040 | 13,270 | 1      |    |
|            | 373            | 23.7     | 11.9 | 15.7 | .6     | .8   | .9   | 8,080  | 10,590 | 12,560 | 1      |    |
|            | 524            | 26.6     | 6.8  | 9.3  | 1.8    | 2.5  | 2.7  | 8,080  | 11,010 | 12,140 | 1      |    |
|            | 693            | 28.7     | 4.2  | 5.9  | .2     | .4   | .4   | 8,630  | 12,100 | 12,860 | 1      |    |
|            | 698            | 28.9     | 3.2  | 4.6  | .2     | .4   | .4   | 8,230  | 11,580 | 12,130 | 1      |    |
|            | 799            | 35.9     | 6.0  | 9.5  | .4     | .7   | .7   | 7,090  | 11,050 | 12,210 | 49     |    |
|            | COUNTY AVERAGE |          | 34.9 | 6.0  | 9.3    | .5   | .8   | .8     | 7,250  | 11,130 | 12,270 | 59 |
| ROOSEVELT  | 799            | 38.9     | 6.0  | 9.9  | .6     | 1.0  | 1.1  | 6,170  | 10,090 | 11,200 | 9      |    |
|            | COUNTY AVERAGE |          | 38.9 | 6.0  | 9.9    | .6   | 1.0  | 1.1    | 6,170  | 10,090 | 11,200 | 9  |
|            |                |          |      |      |        |      |      |        |        |        |        |    |
| ROSEBUD    | 525            | 22.3     | 6.4  | 8.3  | .7     | 1.0  | 1.0  | 9,180  | 11,820 | 12,880 | 2      |    |
|            | 799            | 27.7     | 5.1  | 7.1  | .4     | .6   | .6   | 8,710  | 12,050 | 12,970 | 8      |    |
|            | 808            | 21.8     | 8.1  | 10.4 | .7     | 1.0  | 1.1  | 9,190  | 11,760 | 13,120 | 22     |    |
|            | COUNTY AVERAGE |          | 23.3 | 7.2  | 9.4    | .6   | .9   | .9     | 9,080  | 11,830 | 13,060 | 32 |
| SHERIDAN   | 799            | 38.0     | 6.6  | 10.7 | .3     | .6   | .6   | 6,350  | 10,250 | 11,470 | 10     |    |
|            | COUNTY AVERAGE |          | 38.0 | 6.6  | 10.7   | .3   | .6   | .6     | 6,350  | 10,250 | 11,470 | 10 |
| STILLWATER | 799            | 7.1      | 13.3 | 14.4 | .6     | .7   | .8   | 11,120 | 11,970 | 13,990 | 3      |    |
|            | COUNTY AVERAGE |          | 7.1  | 13.3 | 14.4   | .6   | .7   | .8     | 11,120 | 11,970 | 13,990 | 3  |
| TREASURE   | 799            | 19.8     | 14.4 | 18.0 | 1.5    | 1.9  | 2.3  | 8,580  | 10,700 | 13,050 | 1      |    |
|            | COUNTY AVERAGE |          | 19.8 | 14.4 | 18.0   | 1.5  | 1.9  | 2.3    | 8,580  | 10,700 | 13,050 | 1  |
| VALLEY     | 375            | 42.7     | 8.7  | 15.2 | .5     | 1.0  | 1.1  | 5,640  | 9,840  | 11,610 | 1      |    |
|            | 376            | 37.5     | 6.1  | 9.8  | .3     | .5   | .5   | 6,580  | 10,530 | 11,670 | 1      |    |
|            | 799            | 38.9     | 6.5  | 10.7 | .5     | .9   | 1.0  | 6,130  | 10,030 | 11,230 | 15     |    |
|            | COUNTY AVERAGE |          | 39.0 | 6.6  | 10.9   | .5   | .9   | 1.0    | 6,130  | 10,050 | 11,270 | 17 |
| WIBAUX     | 389            | 39.4     | 8.7  | 14.4 | .9     | 1.5  | 1.7  | 6,100  | 10,070 | 11,760 | 2      |    |
|            | COUNTY AVERAGE |          | 39.4 | 8.7  | 14.4   | .9   | 1.5  | 1.7    | 6,100  | 10,070 | 11,760 | 2  |

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 30 MONTANA

| COUNTY         | BED | MOISTURE | ASH | A.R. | A.R. | SULFUR | M&AF | A.R.   | BTU    | M&AF   | NO. OF |
|----------------|-----|----------|-----|------|------|--------|------|--------|--------|--------|--------|
|                |     | A.R.     |     |      |      |        |      |        |        |        |        |
|                |     |          | ASH | DRY  | A.R. | DRY    |      |        | DRY    |        | ANAL   |
| YELLOWSTONE    | 799 | 20.7     | 7.7 | 9.8  | .5   | .7     | .7   | 8.890  | 11,210 | 12,420 | 19     |
| COUNTY AVERAGE |     | 20.7     | 7.7 | 9.8  | .5   | .7     | .7   | 8.890  | 11,210 | 12,420 | 19     |
| STATE AVERAGE  |     | 15.7     | 9.2 | 11.0 | 1.0  | 1.2    | 1.3  | 10.000 | 11,860 | 13,330 | 1438   |

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 32 NEVADA

| COUNTY    | BED            | MOISTURE<br>A.R. | ASH<br>A.R. | ASH<br>DRY | A.R. | SULFUR<br>DRY | M&AF | A.R.  | BTU<br>DRY | M&AF   | NO. OF<br>ANAL |
|-----------|----------------|------------------|-------------|------------|------|---------------|------|-------|------------|--------|----------------|
| ESMERALDA | 799            | 2.7              | 51.7        | 53.2       | 1.6  | 1.7           | 3.6  | 6,630 | 6,810      | 14,550 | 1              |
|           | COUNTY AVERAGE | 2.7              | 51.7        | 53.2       | 1.6  | 1.7           | 3.6  | 6,630 | 6,810      | 14,550 | 1              |
|           | STATE AVERAGE  | 2.7              | 51.7        | 53.2       | 1.6  | 1.7           | 3.6  | 6,630 | 6,810      | 14,550 | 1              |

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

## STATE: 35 NEW MEXICO

| COUNTY     | BED            | MOISTURE<br>A.R. | A.R. | ASH<br>DRY | A.R. | SULFUR<br>DRY | M&AF | A.R.   | RTU<br>DRY | M&AF   | NO. OF<br>ANAL |
|------------|----------------|------------------|------|------------|------|---------------|------|--------|------------|--------|----------------|
| BERNALILLO | 775            | 20.1             | 6.8  | 8.6        | .7   | .9            | .9   | 9,870  | 12,360     | 13,520 | 7              |
|            | COUNTY AVERAGE | 20.1             | 6.8  | 8.6        | .7   | .9            | .9   | 9,870  | 12,360     | 13,520 | 7              |
| COLFAX     | 507            | 3.3              | 8.7  | 9.1        | .4   | .5            | .5   | 13,150 | 13,600     | 14,960 | 1              |
|            | 771            | 3.2              | 12.1 | 12.6       | .5   | .6            | .6   | 12,660 | 13,080     | 14,970 | 6              |
|            | 772            | 5.1              | 14.2 | 15.0       | .5   | .6            | .7   | 11,780 | 12,410     | 14,600 | 49             |
|            | 773            | 1.7              | 13.8 | 14.1       | .5   | .6            | .6   | 12,670 | 12,910     | 15,030 | 359            |
|            | 799            | 5.6              | 10.0 | 10.7       | .4   | .5            | .5   | 12,310 | 13,050     | 14,610 | 16             |
|            | COUNTY AVERAGE | 2.3              | 13.7 | 14.1       | .5   | .6            | .6   | 12,560 | 12,860     | 14,970 | 431            |
| LINCOLN    | 799            | 3.1              | 18.8 | 19.5       | .5   | .6            | .7   | 11,520 | 11,910     | 14,790 | 2              |
|            | COUNTY AVERAGE | 3.1              | 18.8 | 19.5       | .5   | .6            | .7   | 11,520 | 11,910     | 14,790 | 2              |
| MCKINLEY   | 479            | 11.5             | 6.0  | 6.8        | .6   | .7            | .7   | 11,420 | 12,900     | 13,840 | 1              |
|            | 774            | 12.0             | 8.8  | 10.1       | .5   | .6            | .6   | 11,090 | 12,600     | 14,020 | 99             |
|            | 785            | 11.1             | 8.0  | 9.0        | .6   | .7            | .7   | 11,380 | 12,800     | 14,060 | 156            |
|            | 799            | 10.6             | 8.7  | 9.8        | .5   | .6            | .6   | 11,330 | 12,670     | 14,050 | 656            |
|            | COUNTY AVERAGE | 10.8             | 8.6  | 9.7        | .5   | .6            | .6   | 11,310 | 12,680     | 14,050 | 912            |
| RIO ARRIBA | 799            | 2.9              | 8.9  | 9.2        | 1.2  | 1.3           | 1.4  | 13,130 | 13,520     | 14,890 | 118            |
|            | COUNTY AVERAGE | 2.9              | 8.9  | 9.2        | 1.2  | 1.3           | 1.4  | 13,130 | 13,520     | 14,890 | 118            |
| SANDOVAL   | 775            | 16.7             | 9.4  | 11.3       | .7   | .9            | 1.0  | 9,970  | 11,990     | 13,510 | 12             |
|            | 799            | 18.0             | 6.3  | 7.8        | 1.2  | 1.5           | 1.6  | 10,220 | 12,480     | 13,540 | 21             |
|            | COUNTY AVERAGE | 17.6             | 7.4  | 9.1        | 1.0  | 1.3           | 1.4  | 10,140 | 12,300     | 13,530 | 33             |
| SAN JUAN   | 488            | 10.4             | 19.5 | 21.8       | .6   | .7            | .8   | 9,560  | 10,670     | 13,640 | 3              |
|            | 777            | 10.5             | 4.5  | 5.1        | .7   | .8            | .8   | 11,880 | 13,290     | 14,010 | 46             |
|            | 799            | 10.2             | 8.9  | 10.0       | .7   | .8            | .8   | 11,350 | 12,640     | 14,040 | 49             |
|            | COUNTY AVERAGE | 10.3             | 7.2  | 8.1        | .7   | .8            | .8   | 11,560 | 12,890     | 14,020 | 98             |
| SANTA FE   | 776            | 3.5              | 7.7  | 8.0        | .8   | .9            | .9   | 13,250 | 13,730     | 14,920 | 37             |
|            | 778            | 2.1              | 12.3 | 12.6       | .7   | .8            | .9   | 12,700 | 12,980     | 14,850 | 188            |
|            | 799            | 3.0              | 9.7  | 10.1       | .9   | 1.0           | 1.1  | 12,640 | 13,040     | 14,500 | 3              |
|            | COUNTY AVERAGE | 2.3              | 11.5 | 11.8       | .7   | .8            | .9   | 12,800 | 13,100     | 14,850 | 228            |

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 35 NEW MEXICO

| COUNTY   | BED            | MOISTURE |      | ASH  |      | SULFUR |      | A.P.   | RTU    |        | NO. OF<br>ANAL |
|----------|----------------|----------|------|------|------|--------|------|--------|--------|--------|----------------|
|          |                | A.R.     | A.P. | DRY  | A.P. | DRY    | M&AF |        | DRY    | M&AF   |                |
| SOCORRO  | 779            | 2.4      | 11.7 | 12.0 | .6   | .7     | .7   | 12.760 | 13.080 | 14.860 | 14             |
|          | COUNTY AVERAGE | 2.4      | 11.7 | 12.0 | .6   | .7     | .7   | 12.760 | 13.080 | 14.860 | 14             |
| VALENCIA | 799            | 14.1     | 6.7  | 7.8  | .9   | 1.1    | 1.1  | 10.830 | 12.610 | 13.680 | 8              |
|          | COUNTY AVERAGE | 14.1     | 6.7  | 7.8  | .9   | 1.1    | 1.1  | 10.830 | 12.610 | 13.680 | 8              |
|          | STATE AVERAGE  | 7.3      | 10.0 | 10.8 | .6   | .7     | .7   | 11.900 | 12.830 | 14.390 | 1851           |

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

## STATE: 38 NORTH DAKOTA

| COUNTY        | BED            | MOISTURE | ASH  |      | A.R. | SULFUR | M&AF | A.R.  | BTU    | M&AF   | NO. OF<br>ANAL |
|---------------|----------------|----------|------|------|------|--------|------|-------|--------|--------|----------------|
|               |                | A.R.     | A.R. | DRY  |      | DRY    |      |       | DRY    |        |                |
| ADAMS         | 799            | 33.1     | 10.5 | 15.7 | 1.2  | 1.8    | 2.1  | 7.080 | 10,590 | 12,560 | 34             |
|               | COUNTY AVERAGE | 33.1     | 10.5 | 15.7 | 1.2  | 1.8    | 2.1  | 7.080 | 10,590 | 12,560 | 34             |
| BILLINGS      | 799            | 38.5     | 6.2  | 10.1 | .8   | 1.4    | 1.5  | 6,350 | 10,320 | 11,480 | 6              |
|               | COUNTY AVERAGE | 38.5     | 6.2  | 10.1 | .8   | 1.4    | 1.5  | 6,350 | 10,320 | 11,480 | 6              |
| BOWMAN        | 564            | 41.4     | 8.6  | 14.7 | .8   | 1.4    | 1.6  | 6,100 | 10,410 | 12,200 | 1              |
|               | 799            | 43.4     | 6.6  | 11.7 | .8   | 1.5    | 1.6  | 6,120 | 10,810 | 12,240 | 8              |
|               | COUNTY AVERAGE | 43.1     | 6.8  | 12.0 | .8   | 1.5    | 1.7  | 6,130 | 10,770 | 12,230 | 9              |
| BURKE         | 799            | 33.4     | 7.9  | 11.9 | .3   | .6     | .6   | 7,260 | 10,900 | 12,370 | 613            |
|               | COUNTY AVERAGE | 33.4     | 7.9  | 11.9 | .3   | .6     | .6   | 7,260 | 10,900 | 12,370 | 613            |
| BURLEIGH      | 799            | 35.1     | 6.2  | 9.7  | .6   | 1.0    | 1.1  | 7,100 | 10,950 | 12,120 | 116            |
|               | COUNTY AVERAGE | 35.1     | 6.2  | 9.7  | .6   | 1.0    | 1.1  | 7,100 | 10,950 | 12,120 | 116            |
| DIVIDE        | 799            | 32.0     | 7.8  | 11.6 | .4   | .7     | .7   | 7,510 | 11,050 | 12,500 | 238            |
|               | COUNTY AVERAGE | 32.0     | 7.8  | 11.6 | .4   | .7     | .7   | 7,510 | 11,050 | 12,500 | 238            |
| DUNN          | 799            | 40.6     | 7.0  | 11.9 | .6   | 1.1    | 1.2  | 6,310 | 10,630 | 12,060 | 25             |
|               | COUNTY AVERAGE | 40.6     | 7.0  | 11.9 | .6   | 1.1    | 1.2  | 6,310 | 10,630 | 12,060 | 25             |
| GOLDEN VALLEY | 799            | 41.3     | 5.8  | 9.9  | .6   | 1.1    | 1.2  | 6,330 | 10,790 | 11,970 | 3              |
|               | COUNTY AVERAGE | 41.3     | 5.8  | 9.9  | .6   | 1.1    | 1.2  | 6,330 | 10,790 | 11,970 | 3              |
| GRANT         | 799            | 34.5     | 10.4 | 15.9 | 1.6  | 2.5    | 2.9  | 6,840 | 10,440 | 12,410 | 19             |
|               | COUNTY AVERAGE | 34.5     | 10.4 | 15.9 | 1.6  | 2.5    | 2.9  | 6,840 | 10,440 | 12,410 | 19             |
| HETTINGER     | 799            | 39.6     | 8.9  | 14.9 | 1.3  | 2.2    | 2.5  | 6,340 | 10,490 | 12,330 | 13             |
|               | COUNTY AVERAGE | 39.6     | 8.9  | 14.9 | 1.3  | 2.2    | 2.5  | 6,340 | 10,490 | 12,330 | 13             |
| MCKENZIE      | 799            | 42.7     | 5.0  | 8.9  | .4   | .7     | .7   | 6,330 | 11,040 | 12,120 | 5              |
|               | COUNTY AVERAGE | 42.7     | 5.0  | 8.9  | .4   | .7     | .7   | 6,330 | 11,040 | 12,120 | 5              |

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

## STATE: 38 NORTH DAKOTA

| COUNTY    | BED            | MOISTURE | ASH  | ASH  | SULFUR | M&AF | A.R. | RTU   | M&AF   | NO. OF |
|-----------|----------------|----------|------|------|--------|------|------|-------|--------|--------|
|           |                | A.R.     |      |      |        |      |      |       |        |        |
| MCLEAN    | 799            | 38.7     | 6.4  | 10.5 | .4     | .8   | .8   | 6,620 | 10,800 | 44     |
|           | COUNTY AVERAGE | 38.7     | 6.4  | 10.5 | .4     | .8   | .8   | 6,620 | 10,800 | 44     |
| MERCER    | 569            | 36.7     | 6.5  | 10.4 | .8     | 1.4  | 1.5  | 6,930 | 10,950 | 1      |
|           | 799            | 33.8     | 6.8  | 10.4 | .5     | .9   | 1.0  | 7,200 | 10,880 | 728    |
|           | COUNTY AVERAGE | 33.8     | 6.8  | 10.4 | .5     | .9   | 1.0  | 7,200 | 10,880 | 729    |
| MORTON    | 799            | 39.0     | 8.0  | 13.2 | 1.0    | 1.7  | 1.9  | 6,430 | 10,540 | 38     |
|           | COUNTY AVERAGE | 39.0     | 8.0  | 13.2 | 1.0    | 1.7  | 1.9  | 6,430 | 10,540 | 38     |
| MOUNTRAIL | 799            | 43.1     | 3.6  | 6.4  | .2     | .4   | .4   | 6,440 | 11,310 | 1      |
|           | COUNTY AVERAGE | 43.1     | 3.6  | 6.4  | .2     | .4   | .4   | 6,440 | 11,310 | 1      |
| OLIVER    | 799            | 36.2     | 10.2 | 16.0 | .8     | 1.4  | 1.6  | 6,470 | 10,150 | 21     |
|           | COUNTY AVERAGE | 36.2     | 10.2 | 16.0 | .8     | 1.4  | 1.6  | 6,470 | 10,150 | 21     |
| RENVILLE  | 799            | 35.2     | 6.3  | 9.8  | .9     | 1.5  | 1.6  | 7,090 | 10,940 | 2      |
|           | COUNTY AVERAGE | 35.2     | 6.3  | 9.8  | .9     | 1.5  | 1.6  | 7,090 | 10,940 | 2      |
| SLOPE     | 799            | 42.5     | 6.3  | 11.0 | 1.3    | 2.4  | 2.6  | 5,950 | 10,350 | 1      |
|           | COUNTY AVERAGE | 42.5     | 6.3  | 11.0 | 1.3    | 2.4  | 2.6  | 5,950 | 10,350 | 1      |
| STARK     | 799            | 41.1     | 8.5  | 14.6 | 1.1    | 1.9  | 2.2  | 6,150 | 10,440 | 14     |
|           | COUNTY AVERAGE | 41.1     | 8.5  | 14.6 | 1.1    | 1.9  | 2.2  | 6,150 | 10,440 | 14     |
| WARD      | 575            | 38.8     | 4.7  | 7.8  | .1     | .3   | .3   | 6,650 | 10,870 | 1      |
|           | 799            | 37.2     | 5.5  | 8.8  | .1     | .3   | .3   | 6,790 | 10,820 | 955    |
|           | COUNTY AVERAGE | 37.2     | 5.5  | 8.8  | .1     | .3   | .3   | 6,790 | 10,820 | 956    |
| WILLIAMS  | 799            | 41.0     | 6.3  | 10.8 | .5     | .9   | 1.0  | 6,420 | 10,880 | 38     |
|           | COUNTY AVERAGE | 41.0     | 6.3  | 10.8 | .5     | .9   | 1.0  | 6,420 | 10,880 | 38     |
|           | STATE AVERAGE  | 35.2     | 6.8  | 10.5 | .4     | .7   | .7   | 7,030 | 10,860 | 2925   |

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 40 OKLAHOMA

| COUNTY    | BED            | MOISTURE |      | ASH  |      | SULFUR |      | A.R.   | BTU<br>DRY | M&AF   | NO. OF<br>ANAL |
|-----------|----------------|----------|------|------|------|--------|------|--------|------------|--------|----------------|
|           |                | A.R.     | A.R. | DRY  | A.R. | DRY    | M&AF |        |            |        |                |
| COAL      | 558            | 7.3      | 10.5 | 11.4 | 3.7  | 4.0    | 4.5  | 11,330 | 12,220     | 13,790 | 79             |
|           | 911            | 7.8      | 9.0  | 9.8  | 3.6  | 4.0    | 4.4  | 11,430 | 12,400     | 13,750 | 1              |
|           | COUNTY AVERAGE | 7.3      | 10.4 | 11.3 | 3.7  | 4.0    | 4.5  | 11,330 | 12,230     | 13,780 | 80             |
| CRAIG     | 496            | 8.6      | 10.2 | 11.2 | .4   | .5     | .5   | 11,970 | 13,090     | 14,750 | 13             |
|           | 507            | 1.5      | 14.8 | 15.1 | 5.9  | 6.0    | 7.0  | 12,280 | 12,470     | 14,690 | 1              |
|           | 521            | 4.7      | 9.3  | 9.8  | 4.7  | 5.0    | 5.5  | 12,800 | 13,430     | 14,890 | 43             |
|           | 799            | 5.2      | 10.4 | 11.0 | 3.4  | 3.6    | 4.0  | 12,500 | 13,190     | 14,820 | 36             |
|           | COUNTY AVERAGE | 5.4      | 9.9  | 10.5 | 3.5  | 3.8    | 4.2  | 12,560 | 13,280     | 14,840 | 93             |
| HASKELL   | 556            | 3.1      | 5.4  | 5.6  | 1.1  | 1.2    | 1.2  | 14,060 | 14,520     | 15,380 | 80             |
|           | 558            | 3.3      | 4.8  | 5.0  | .4   | .5     | .5   | 14,310 | 14,800     | 15,580 | 1              |
|           | 563            | 2.9      | 6.9  | 7.2  | .8   | .9     | .9   | 13,930 | 14,340     | 15,450 | 12             |
|           | 880            | 4.4      | 11.3 | 11.9 | .7   | .8     | .9   | 12,960 | 13,550     | 15,380 | 7              |
|           | COUNTY AVERAGE | 3.1      | 6.0  | 6.2  | 1.0  | 1.1    | 1.1  | 13,970 | 14,440     | 15,390 | 100            |
| LATIMER   | 558            | 4.7      | 7.7  | 8.1  | 2.4  | 2.6    | 2.8  | 13,260 | 13,920     | 15,140 | 98             |
|           | 562            | 3.8      | 6.5  | 6.8  | 1.4  | 1.5    | 1.6  | 13,360 | 13,890     | 14,900 | 212            |
|           | 563            | 4.0      | 8.7  | 9.1  | 1.7  | 1.8    | 1.9  | 13,050 | 13,600     | 14,960 | 42             |
|           | COUNTY AVERAGE | 4.1      | 7.0  | 7.4  | 1.7  | 1.8    | 1.9  | 13,290 | 13,860     | 14,970 | 352            |
| LE FLORE  | 552            | 1.8      | 9.4  | 9.6  | 2.6  | 2.7    | 2.9  | 13,700 | 13,960     | 15,440 | 62             |
|           | 562            | 2.2      | 9.4  | 9.7  | .6   | .7     | .7   | 13,530 | 13,840     | 15,320 | 39             |
|           | 563            | 2.5      | 8.0  | 8.3  | 1.0  | 1.1    | 1.1  | 13,860 | 14,210     | 15,500 | 193            |
|           | COUNTY AVERAGE | 2.3      | 8.5  | 8.8  | 1.3  | 1.4    | 1.5  | 13,790 | 14,110     | 15,470 | 294            |
| MUSKOGEE  | 556            | 1.8      | 10.5 | 10.8 | 4.2  | 4.3    | 4.8  | 13,450 | 13,710     | 15,370 | 83             |
|           | COUNTY AVERAGE | 1.8      | 10.5 | 10.8 | 4.2  | 4.3    | 4.8  | 13,450 | 13,710     | 15,370 | 83             |
| OKMULGEE  | 496            | 5.3      | 5.4  | 5.8  | 1.8  | 2.0    | 2.1  | 13,170 | 13,900     | 14,760 | 426            |
|           | COUNTY AVERAGE | 5.3      | 5.4  | 5.8  | 1.8  | 2.0    | 2.1  | 13,170 | 13,900     | 14,760 | 426            |
| PITTSBURG | 558            | 3.5      | 7.5  | 7.8  | .6   | .7     | .7   | 13,140 | 13,620     | 14,770 | 44             |
|           | 562            | 4.5      | 6.3  | 6.7  | 1.5  | 1.6    | 1.7  | 13,220 | 13,850     | 14,840 | 6              |
|           | 563            | 3.9      | 8.4  | 8.8  | 2.3  | 2.4    | 2.6  | 13,020 | 13,550     | 14,850 | 34             |
|           | COUNTY AVERAGE | 3.7      | 7.8  | 8.1  | 1.3  | 1.4    | 1.5  | 13,100 | 13,610     | 14,810 | 84             |

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND RED

STATE: 40 OKLAHOMA

| COUNTY   | RED            | MOISTURE |      | ASH  |      | SULFUR |      | A.P.   | BTU<br>DRY | M&AF   | NO. OF<br>ANAL |
|----------|----------------|----------|------|------|------|--------|------|--------|------------|--------|----------------|
|          |                | A.R.     | A.P. | DRY  | A.R. | DRY    | M&AF |        |            |        |                |
| ROGERS   | 001            | 5.0      | 13.7 | 14.5 | 3.6  | 3.8    | 4.4  | 11,870 | 12,490     | 14,610 | 20             |
|          | 473            | 4.9      | 12.1 | 12.8 | 4.1  | 4.4    | 5.0  | 12,080 | 12,710     | 14,570 | 30             |
|          | 490            | 5.9      | 5.4  | 5.8  | .8   | .9     | .9   | 13,100 | 13,920     | 14,780 | 4              |
|          | 496            | 6.0      | 5.6  | 6.0  | .5   | .6     | .6   | 13,140 | 13,980     | 14,870 | 238            |
|          | COUNTY AVERAGE | 5.8      | 6.7  | 7.2  | 1.1  | 1.2    | 1.2  | 12,950 | 13,750     | 14,810 | 292            |
| SEQUOYAH | 556            | 2.6      | 6.1  | 6.3  | .4   | .5     | .5   | 14,190 | 14,560     | 15,540 | 5              |
|          | COUNTY AVERAGE | 2.6      | 6.1  | 6.3  | .4   | .5     | .5   | 14,190 | 14,560     | 15,540 | 5              |
| TULSA    | 473            | 5.1      | 11.6 | 12.3 | 3.8  | 4.1    | 4.6  | 12,240 | 12,900     | 14,710 | 5              |
|          | 496            | 4.3      | 8.7  | 9.2  | 2.8  | 3.0    | 3.3  | 12,810 | 13,400     | 14,760 | 284            |
|          | COUNTY AVERAGE | 4.4      | 8.7  | 9.2  | 2.9  | 3.1    | 3.4  | 12,800 | 13,390     | 14,750 | 289            |
| WAGONER  | 496            | 4.6      | 6.2  | 6.6  | .6   | .7     | .7   | 13,280 | 13,920     | 14,910 | 84             |
|          | COUNTY AVERAGE | 4.6      | 6.2  | 6.6  | .6   | .7     | .7   | 13,280 | 13,920     | 14,910 | 84             |
|          | STATE AVERAGE  | 4.4      | 7.5  | 7.9  | 2.0  | 2.1    | 2.2  | 13,150 | 13,760     | 14,930 | 2182           |

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 41 OREGON

| COUNTY | BED            | MOISTURE |      | ASH  |      | SULFUR<br>DRY | M&AF | A.R.  | BTU<br>DRY | M&AF   | NO. OF<br>ANAL |
|--------|----------------|----------|------|------|------|---------------|------|-------|------------|--------|----------------|
|        |                | A.R.     | A.R. | DRY  | A.R. |               |      |       |            |        |                |
| COOS   | 799            | 18.4     | 10.2 | 12.5 | .7   | .9            | 1.0  | 9.010 | 11,050     | 12,620 | 4              |
|        | 837            | 19.3     | 9.5  | 11.8 | .3   | .4            | .4   | 9.170 | 11,370     | 12,890 | 4              |
|        | COUNTY AVERAGE | 18.8     | 9.8  | 12.1 | .5   | .7            | .7   | 9.100 | 11,210     | 12,750 | 8              |
|        | STATE AVERAGE  | 18.8     | 9.8  | 12.1 | .5   | .7            | .7   | 9.100 | 11,210     | 12,750 | 8              |

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 46 SOUTH DAKOTA

| COUNTY  | BED            | MOISTURE |      | ASH  |      | SULFUR |      | A.P.  | RTU    | M&AF   | NO. OF<br>ANAL |
|---------|----------------|----------|------|------|------|--------|------|-------|--------|--------|----------------|
|         |                | A.P.     | A.P. | DRY  | A.P. | DRY    | M&AF |       |        |        |                |
| CORSON  | 799            | 35.9     | 7.4  | 11.6 | .5   | .9     | 1.0  | 6,980 | 10,890 | 12,320 | 6              |
|         | COUNTY AVERAGE | 35.9     | 7.4  | 11.6 | .5   | .9     | 1.0  | 6,980 | 10,890 | 12,320 | 6              |
| DEWEY   | 275            | 37.2     | 6.6  | 10.6 | .4   | .7     | .7   | 6,900 | 11,000 | 12,300 | 4              |
|         | 799            | 35.5     | 7.4  | 11.5 | .5   | .8     | .9   | 7,020 | 10,890 | 12,300 | 18             |
|         | COUNTY AVERAGE | 35.8     | 7.3  | 11.4 | .5   | .8     | .9   | 7,000 | 10,910 | 12,310 | 22             |
| HARDING | 799            | 38.0     | 10.9 | 17.6 | 1.3  | 2.2    | 2.6  | 5,660 | 9,130  | 11,080 | 14             |
|         | COUNTY AVERAGE | 38.0     | 10.9 | 17.6 | 1.3  | 2.2    | 2.6  | 5,660 | 9,130  | 11,080 | 14             |
| MEADE   | 799            |          |      | 14.2 |      | 2.0    | 2.3  |       | 10,560 | 12,300 | 1              |
|         | COUNTY AVERAGE |          |      | 14.2 |      | 2.0    | 2.3  |       | 10,560 | 12,300 | 1              |
| PERKINS | 799            | 30.7     | 12.1 | 17.6 | 1.3  | 2.0    | 2.4  | 7,270 | 10,490 | 12,720 | 3              |
|         | COUNTY AVERAGE | 30.7     | 12.1 | 17.6 | 1.3  | 2.0    | 2.4  | 7,270 | 10,490 | 12,720 | 3              |
|         | STATE AVERAGE  | 36.2     | 8.8  | 13.8 | .8   | 1.3    | 1.5  | 6,590 | 10,330 | 11,980 | 46             |

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 48 TEXAS

| COUNTY    | BED            | MOISTURE |      | ASH  |      | SULFUR |      | A.R.   | RTU    | M&AF   | NO. OF<br>ANAL |
|-----------|----------------|----------|------|------|------|--------|------|--------|--------|--------|----------------|
|           |                | A.R.     | A.R. | DRY  | A.R. | DRY    | M&AF |        |        |        |                |
| ANDERSON  | 799            | 8.4      | 6.4  | 7.0  | 1.1  | 1.3    | 1.3  |        |        |        | 1              |
|           | COUNTY AVERAGE | 8.4      | 6.4  | 7.0  | 1.1  | 1.3    | 1.3  |        |        |        | 1              |
| BASTROP   | 799            | 24.1     | 10.6 | 14.0 | 1.1  | 1.5    | 1.7  | 8,300  | 10,930 | 12,710 | 7              |
|           | COUNTY AVERAGE | 24.1     | 10.6 | 14.0 | 1.1  | 1.5    | 1.7  | 8,300  | 10,930 | 12,710 | 7              |
| BEXAR     | 799            | 23.6     | 9.7  | 12.7 | 1.9  | 2.6    | 2.9  | 8,100  | 10,610 | 12,150 | 1              |
|           | COUNTY AVERAGE | 23.6     | 9.7  | 12.7 | 1.9  | 2.6    | 2.9  | 8,100  | 10,610 | 12,150 | 1              |
| BOWIE     | 799            | 12.0     | 6.8  | 7.8  | .7   | .8     | .8   | 10,570 | 12,010 | 13,020 | 3              |
|           | COUNTY AVERAGE | 12.0     | 6.8  | 7.8  | .7   | .8     | .8   | 10,570 | 12,010 | 13,020 | 3              |
| CALDWELL  | 799            | 10.6     | 14.9 | 16.7 | 3.5  | 4.0    | 4.8  |        |        |        | 2              |
|           | COUNTY AVERAGE | 10.6     | 14.9 | 16.7 | 3.5  | 4.0    | 4.8  |        |        |        | 2              |
| CHEROKEE  | 799            | 6.8      | 15.0 | 16.2 | 1.8  | 2.0    | 2.3  |        |        |        | 3              |
|           | COUNTY AVERAGE | 6.8      | 15.0 | 16.2 | 1.8  | 2.0    | 2.3  |        |        |        | 3              |
| COLEMAN   | 799            | 4.6      | 13.7 | 14.4 | 3.3  | 3.5    | 4.0  |        |        |        | 5              |
|           | COUNTY AVERAGE | 4.6      | 13.7 | 14.4 | 3.3  | 3.5    | 4.0  |        |        |        | 5              |
| EASTLAND  | 799            | 13.4     | 15.3 | 17.7 | 2.5  | 2.9    | 3.5  | 9,610  | 11,100 | 13,480 | 1              |
|           | COUNTY AVERAGE | 13.4     | 15.3 | 17.7 | 2.5  | 2.9    | 3.5  | 9,610  | 11,100 | 13,480 | 1              |
| ERATH     | 528            | 2.2      | 27.3 | 28.0 | 3.0  | 3.1    | 4.3  | 10,160 | 10,390 | 14,430 | 1              |
|           | 799            | 2.2      | 27.3 | 28.0 | 3.0  | 3.1    | 4.3  | 10,160 | 10,390 | 14,430 | 12             |
|           | COUNTY AVERAGE | 2.2      | 27.3 | 28.0 | 3.0  | 3.1    | 4.3  | 10,160 | 10,390 | 14,430 | 13             |
| FAYETTE   | 799            | 28.2     | 17.3 | 24.2 | 2.2  | 3.2    | 4.2  | 7,760  | 10,810 | 14,260 | 6              |
|           | COUNTY AVERAGE | 28.2     | 17.3 | 24.2 | 2.2  | 3.2    | 4.2  | 7,760  | 10,810 | 14,260 | 6              |
| FREESTONE | 799            | 26.3     | 9.8  | 13.4 | 1.3  | 1.8    | 2.0  | 8,000  | 10,850 | 12,530 | 7              |
|           | COUNTY AVERAGE | 26.3     | 9.8  | 13.4 | 1.3  | 1.8    | 2.0  | 8,000  | 10,850 | 12,530 | 7              |

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 48 TEXAS

| COUNTY    | BED            | MOISTURE |      | ASH  |      | SULFUR |      | A.R.   | RTU<br>DRY | M&AF   | NO. OF<br>ANAL |
|-----------|----------------|----------|------|------|------|--------|------|--------|------------|--------|----------------|
|           |                | A.R.     | A.R. | DRY  | A.R. | DRY    | M&AF |        |            |        |                |
| GREGG     | 799            | 12.0     | 8.1  | 9.3  | .7   | .9     | .9   |        |            |        | 1              |
|           | COUNTY AVERAGE | 12.0     | 8.1  | 9.3  | .7   | .9     | .9   |        |            |        | 1              |
| HARRISON  | 799            | 23.4     | 8.0  | 10.5 | .8   | 1.1    | 1.2  | 8,640  | 11,280     | 12,610 | 11             |
|           | COUNTY AVERAGE | 23.4     | 8.0  | 10.5 | .8   | 1.1    | 1.2  | 8,640  | 11,280     | 12,610 | 11             |
| HENDERSON | 799            | 17.9     | 10.8 | 13.2 | .9   | 1.2    | 1.3  | 8,480  | 10,320     | 11,890 | 8              |
|           | COUNTY AVERAGE | 17.9     | 10.8 | 13.2 | .9   | 1.2    | 1.3  | 8,480  | 10,320     | 11,890 | 8              |
| HOPKINS   | 799            | 28.8     | 11.7 | 16.5 | .7   | 1.0    | 1.1  | 7,280  | 10,220     | 12,240 | 8              |
|           | COUNTY AVERAGE | 28.8     | 11.7 | 16.5 | .7   | 1.0    | 1.1  | 7,280  | 10,220     | 12,240 | 8              |
| HOUSTON   | 799            | 24.2     | 13.2 | 17.5 | .7   | 1.0    | 1.2  | 8,190  | 10,810     | 13,100 | 18             |
|           | COUNTY AVERAGE | 24.2     | 13.2 | 17.5 | .7   | 1.0    | 1.2  | 8,190  | 10,810     | 13,100 | 18             |
| JACK      | 799            | 10.2     | 20.4 | 22.8 | 1.7  | 1.9    | 2.4  | 9,430  | 10,510     | 13,610 | 1              |
|           | COUNTY AVERAGE | 10.2     | 20.4 | 22.8 | 1.7  | 1.9    | 2.4  | 9,430  | 10,510     | 13,610 | 1              |
| LEFF      | 799            | 14.5     | 14.4 | 16.9 | .7   | .9     | 1.0  | 9,560  | 11,180     | 13,460 | 2              |
|           | COUNTY AVERAGE | 14.5     | 14.4 | 16.9 | .7   | .9     | 1.0  | 9,560  | 11,180     | 13,460 | 2              |
| LEON      | 799            | 27.0     | 8.3  | 11.5 | 1.0  | 1.5    | 1.6  | 7,710  | 10,560     | 11,930 | 18             |
|           | COUNTY AVERAGE | 27.0     | 8.3  | 11.5 | 1.0  | 1.5    | 1.6  | 7,710  | 10,560     | 11,930 | 18             |
| LIMESTONE | 799            | 9.0      | 12.4 | 13.7 | 1.3  | 1.5    | 1.7  | 7,660  | 8,420      | 9,750  | 1              |
|           | COUNTY AVERAGE | 9.0      | 12.4 | 13.7 | 1.3  | 1.5    | 1.7  | 7,660  | 8,420      | 9,750  | 1              |
| MCCULLOCH | 799            | 6.6      | 19.0 | 20.4 | 1.4  | 1.6    | 2.0  | 10,500 | 11,240     | 14,120 | 31             |
|           | COUNTY AVERAGE | 6.6      | 19.0 | 20.4 | 1.4  | 1.6    | 2.0  | 10,500 | 11,240     | 14,120 | 31             |
| MILAM     | 799            | 26.6     | 9.9  | 13.5 | 1.0  | 1.4    | 1.6  | 8,070  | 11,000     | 12,710 | 11             |
|           | COUNTY AVERAGE | 26.6     | 9.9  | 13.5 | 1.0  | 1.4    | 1.6  | 8,070  | 11,000     | 12,710 | 11             |

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 48 TEXAS

| COUNTY        | BED            | MOISTURE<br>A.R. | ASH<br>A.R. | DRY<br>A.R. | SULFUR<br>DRY<br>A.R. | M&AF | A.R. | BTU<br>DRY | M&AF   | NO. OF<br>ANAL |
|---------------|----------------|------------------|-------------|-------------|-----------------------|------|------|------------|--------|----------------|
| MONTAGUE      | 799            | 5.6              | 7.5         | 8.0         | 1.4                   | 1.5  | 1.6  |            |        | 2              |
|               | COUNTY AVERAGE | 5.6              | 7.5         | 8.0         | 1.4                   | 1.5  | 1.6  |            |        | 2              |
| MORRIS        | 799            | 8.6              | 7.1         | 7.8         | 2.1                   | 2.4  | 2.6  |            |        | 1              |
|               | COUNTY AVERAGE | 8.6              | 7.1         | 7.8         | 2.1                   | 2.4  | 2.6  |            |        | 1              |
| PALO PINTO    | 528            | 3.4              | 14.9        | 15.5        | 2.8                   | 2.9  | 3.4  | 12,060     | 12,480 | 3              |
|               | 799            | 3.4              | 13.3        | 13.8        | 3.0                   | 3.2  | 3.7  | 12,280     | 12,710 | 13             |
|               | COUNTY AVERAGE | 3.4              | 13.7        | 14.2        | 2.9                   | 3.1  | 3.6  | 12,240     | 12,670 | 16             |
| PANOLA        | 799            | 25.5             | 5.5         | 7.5         | 2.1                   | 2.9  | 3.1  | 9,070      | 12,170 | 2              |
|               | COUNTY AVERAGE | 25.5             | 5.5         | 7.5         | 2.1                   | 2.9  | 3.1  | 9,070      | 12,170 | 2              |
| PARKER        | 799            | 5.4              | 16.2        | 17.2        | 2.6                   | 2.8  | 3.3  | 11,590     | 12,250 | 6              |
|               | COUNTY AVERAGE | 5.4              | 16.2        | 17.2        | 2.6                   | 2.8  | 3.3  | 11,590     | 12,250 | 6              |
| PRESIDIO      | 799            | 3.7              | 13.1        | 13.7        | .7                    | .8   | .9   | 10,100     | 10,490 | 5              |
|               | COUNTY AVERAGE | 3.7              | 13.1        | 13.7        | .7                    | .8   | .9   | 10,100     | 10,490 | 5              |
| RAINS         | 799            | 10.1             | 12.8        | 14.3        | .8                    | 1.0  | 1.1  |            |        | 2              |
|               | COUNTY AVERAGE | 10.1             | 12.8        | 14.3        | .8                    | 1.0  | 1.1  |            |        | 2              |
| ROBERTSON     | 799            | 27.5             | 8.6         | 11.9        | .8                    | 1.2  | 1.3  | 8,070      | 11,140 | 17             |
|               | COUNTY AVERAGE | 27.5             | 8.6         | 11.9        | .8                    | 1.2  | 1.3  | 8,070      | 11,140 | 17             |
| RUSK          | 799            | 13.1             | 8.0         | 9.3         | 1.1                   | 1.3  | 1.4  | 11,020     | 12,680 | 5              |
|               | COUNTY AVERAGE | 13.1             | 8.0         | 9.3         | 1.1                   | 1.3  | 1.4  | 11,020     | 12,680 | 5              |
| SAN AUGUSTINE | 799            |                  |             | 7.8         |                       | 3.4  | 3.6  |            |        | 1              |
|               | COUNTY AVERAGE |                  |             | 7.8         |                       | 3.4  | 3.6  |            |        | 1              |
| SHELBY        | 799            | 25.1             | 6.9         | 9.3         | 1.9                   | 2.6  | 2.8  | 8,870      | 11,840 | 2              |
|               | COUNTY AVERAGE | 25.1             | 6.9         | 9.3         | 1.9                   | 2.6  | 2.8  | 8,870      | 11,840 | 2              |

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 48 TEXAS

| COUNTY     | BED            | MOISTURE |      | ASH  |      | SULFUR |      | M&AF   | A.R.   | BTU<br>DRY | M&AF | NO. OF<br>ANAL |
|------------|----------------|----------|------|------|------|--------|------|--------|--------|------------|------|----------------|
|            |                | A.R.     | A.R. | DRY  | A.R. | DRY    | A.R. |        |        |            |      |                |
| STEPHENS   | 799            | 6.9      | 17.9 | 19.3 | 6.5  | 7.0    | 8.6  |        |        |            |      | 1              |
|            | COUNTY AVERAGE | 6.9      | 17.9 | 19.3 | 6.5  | 7.0    | 8.6  |        |        |            |      | 1              |
| TITUS      | 799            | 32.8     | 6.9  | 10.3 | 1.0  | 1.5    | 1.6  | 7,080  | 10,540 | 11,750     |      | 2              |
|            | COUNTY AVERAGE | 32.8     | 6.9  | 10.3 | 1.0  | 1.5    | 1.6  | 7,080  | 10,540 | 11,750     |      | 2              |
| VAN ZANDT  | 799            | 27.2     | 4.8  | 6.6  | .5   | .7     | .7   | 7,680  | 10,550 | 11,300     |      | 1              |
|            | COUNTY AVERAGE | 27.2     | 4.8  | 6.6  | .5   | .7     | .7   | 7,680  | 10,550 | 11,300     |      | 1              |
| WASHINGTON | 799            | 19.8     | 21.4 | 26.8 | 2.8  | 3.5    | 4.7  | 5,300  | 6,610  | 9,030      |      | 1              |
|            | COUNTY AVERAGE | 19.8     | 21.4 | 26.8 | 2.8  | 3.5    | 4.7  | 5,300  | 6,610  | 9,030      |      | 1              |
| WEBB       | 538            | 3.3      | 12.3 | 12.8 | 2.5  | 2.6    | 2.9  | 12,140 | 12,550 | 14,390     |      | 6              |
|            | 539            | 3.4      | 14.1 | 14.6 | 1.9  | 2.0    | 2.3  | 11,420 | 11,830 | 13,850     |      | 18             |
|            | 799            | 4.0      | 9.6  | 10.0 | 2.0  | 2.1    | 2.3  | 12,640 | 13,160 | 14,630     |      | 125            |
|            | COUNTY AVERAGE | 3.9      | 10.2 | 10.7 | 2.0  | 2.1    | 2.3  | 12,490 | 13,000 | 14,560     |      | 149            |
| WISE       | 531            | 13.7     | 14.4 | 16.7 | 2.1  | 2.5    | 3.0  | 9,790  | 11,340 | 13,620     |      | 7              |
|            | COUNTY AVERAGE | 13.7     | 14.4 | 16.7 | 2.1  | 2.5    | 3.0  | 9,790  | 11,340 | 13,620     |      | 7              |
| WOOD       | 799            | 28.5     | 9.2  | 13.0 | .7   | 1.0    | 1.1  | 7,680  | 10,740 | 12,350     |      | 53             |
|            | COUNTY AVERAGE | 28.5     | 9.2  | 13.0 | .7   | 1.0    | 1.1  | 7,680  | 10,740 | 12,350     |      | 53             |
| YOUNG      | 537            | 14.8     | 15.6 | 18.4 | 3.6  | 4.3    | 5.2  | 9,510  | 11,170 | 13,680     |      | 4              |
|            | COUNTY AVERAGE | 14.8     | 15.6 | 18.4 | 3.6  | 4.3    | 5.2  | 9,510  | 11,170 | 13,680     |      | 4              |
|            | STATE AVERAGE  | 13.4     | 11.7 | 13.6 | 1.5  | 1.8    | 2.0  | 10,200 | 11,780 | 13,640     |      | 436            |

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 49 UTAH

| COUNTY         | BED            | MOISTURE |      | ASH  | A.R. | SULFUR |      | A.R.   | BTU    |        | NO. OF<br>ANAL |
|----------------|----------------|----------|------|------|------|--------|------|--------|--------|--------|----------------|
|                |                | A.R.     | A.R. |      |      | DRY    | M&AF |        | DRY    | M&AF   |                |
| CARBON         | 001            | 3.6      | 7.9  | 8.2  | .5   | .6     | .6   | 12,880 | 13,360 | 14,550 | 495            |
|                | 002            | 4.2      | 6.8  | 7.2  | .3   | .4     | .4   | 12,770 | 13,350 | 14,380 | 1314           |
|                | 235            | 6.0      | 4.0  | 4.3  | .4   | .5     | .5   | 12,940 | 13,770 | 14,390 | 4              |
|                | 236            | 6.9      | 4.6  | 5.0  | .8   | .9     | .9   | 12,520 | 13,450 | 14,150 | 5              |
|                | 799            | 5.5      | 6.3  | 6.7  | .5   | .6     | .6   | 12,610 | 13,360 | 14,320 | 41             |
|                | 802            | 4.5      | 6.8  | 7.2  | .9   | 1.0    | 1.0  | 12,980 | 13,590 | 14,650 | 130            |
|                | 820            | 4.5      | 7.9  | 8.3  | .4   | .5     | .5   | 12,530 | 13,120 | 14,310 | 94             |
|                | 825            | 4.6      | 7.1  | 7.5  | .3   | .4     | .4   | 12,640 | 13,250 | 14,320 | 595            |
|                | 830            | 5.1      | 7.0  | 7.4  | .4   | .5     | .5   | 12,510 | 13,180 | 14,230 | 614            |
|                | 832            | 4.5      | 6.3  | 6.7  | .2   | .3     | .3   | 12,820 | 13,430 | 14,390 | 1686           |
|                | 834            | 13.5     | 5.8  | 6.8  | .3   | .4     | .4   | 10,620 | 12,280 | 13,180 | 22             |
|                | 836            | 3.1      | 7.1  | 7.4  | .2   | .3     | .3   | 12,960 | 13,390 | 14,460 | 322            |
|                | 840            | 4.1      | 6.6  | 6.9  | .7   | .8     | .8   | 12,960 | 13,520 | 14,520 | 635            |
|                | 842            | 4.8      | 5.9  | 6.2  | .4   | .5     | .5   | 12,840 | 13,480 | 14,370 | 366            |
|                | 843            | 3.6      | 7.4  | 7.7  | .5   | .6     | .6   | 12,890 | 13,370 | 14,490 | 349            |
|                | 844            | 4.2      | 6.6  | 7.0  | 1.1  | 1.2    | 1.2  | 12,930 | 13,520 | 14,530 | 3              |
|                | 846            | 6.4      | 7.3  | 7.8  | .6   | .7     | .7   | 12,310 | 13,150 | 14,260 | 735            |
|                | 887            | 5.7      | 5.6  | 6.0  | .8   | .9     | .9   | 12,790 | 13,560 | 14,430 | 6              |
|                | 905            | 4.6      | 8.0  | 8.4  | .3   | .4     | .4   | 12,610 | 13,220 | 14,430 | 116            |
|                | 907            | 4.1      | 6.4  | 6.7  | .3   | .4     | .4   | 12,840 | 13,390 | 14,350 | 6              |
| COUNTY AVERAGE |                | 4.6      | 6.8  | 7.2  | .4   | .5     | .5   | 12,730 | 13,350 | 14,380 | 7538           |
| DUCESNE        | 007            | 10.1     | 6.1  | 6.8  | 1.5  | 1.7    | 1.8  | 10,210 | 11,360 | 12,190 | 1              |
|                | 247            | 19.3     | 9.8  | 12.2 | .6   | .8     | .9   | 8,120  | 10,070 | 11,470 | 3              |
|                | COUNTY AVERAGE | 17.0     | 9.0  | 10.9 | .8   | 1.0    | 1.1  | 8,620  | 10,390 | 11,660 | 4              |
| EMERY          | 246            | 4.8      | 11.4 | 12.0 | 1.2  | 1.3    | 1.4  |        |        |        | 1              |
|                | 260            | 5.2      | 14.1 | 14.9 | .7   | .8     | .9   | 11,270 | 11,890 | 13,970 | 1              |
|                | 799            | 4.1      | 7.0  | 7.4  | .4   | .5     | .5   | 12,950 | 13,510 | 14,580 | 49             |
|                | 800            | 6.9      | 6.2  | 6.7  | .6   | .7     | .7   | 12,570 | 13,510 | 14,480 | 104            |
|                | 802            | 5.8      | 6.3  | 6.7  | .5   | .6     | .6   | 12,670 | 13,450 | 14,420 | 1052           |
|                | 830            | 7.1      | 5.2  | 5.7  | .4   | .5     | .5   | 12,460 | 13,410 | 14,220 | 22             |
|                | 846            | 5.2      | 7.3  | 7.8  | .4   | .5     | .5   | 12,690 | 13,390 | 14,520 | 189            |
|                | 852            | 7.6      | 8.3  | 9.0  | .7   | .8     | .8   | 11,850 | 12,830 | 14,100 | 8              |
|                | 853            | 4.4      | 7.3  | 7.7  | .7   | .8     | .8   | 12,740 | 13,330 | 14,440 | 26             |
|                | 855            | 4.8      | 6.8  | 7.2  | .3   | .4     | .4   | 12,940 | 13,600 | 14,650 | 370            |
|                | 856            | 5.5      | 5.5  | 5.9  | .4   | .5     | .5   | 12,930 | 13,700 | 14,560 | 2              |
|                | 886            | 5.6      | 5.9  | 6.3  | .5   | .6     | .6   | 12,810 | 13,580 | 14,490 | 2              |
|                | COUNTY AVERAGE | 5.6      | 6.6  | 7.0  | .5   | .6     | .6   | 12,700 | 13,470 | 14,490 | 1826           |

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 49 UTAH

| COUNTY   | BED            | MOISTURE |      | ASH  |      | SULFUR |      | A.P.   | BTU    |        | NO. OF ANAL. |
|----------|----------------|----------|------|------|------|--------|------|--------|--------|--------|--------------|
|          |                | A.P.     | A.R. | DRY  | A.R. | DRY    | M&AF |        | DRY    | M&AF   |              |
| GARFIELD | 255            | 15.5     | 7.1  | 8.5  | .7   | .9     | .9   | 9.860  | 11.680 | 12.770 | 11           |
|          | 257            | 4.6      | 4.7  | 5.0  | 1.3  | 1.4    | 1.4  | 10.200 | 10.700 | 11.260 | 1            |
|          | 261            | 22.1     | 9.5  | 12.3 | .7   | .9     | 1.0  | 8.330  | 10.690 | 12.190 | 9            |
|          | 262            | 5.0      | 15.2 | 16.1 | 2.8  | 3.0    | 3.5  | 11.570 | 12.180 | 14.520 | 2            |
|          | 263            | 8.2      | 8.7  | 9.5  | .9   | 1.0    | 1.1  | 11.030 | 12.020 | 13.280 | 4            |
|          | 799            | 18.4     | 7.9  | 9.7  | .6   | .8     | .8   | 9.770  | 11.970 | 13.260 | 11           |
|          | COUNTY AVERAGE | 16.3     | 8.5  | 10.2 | .8   | 1.0    | 1.1  | 9.680  | 11.560 | 12.880 | 38           |
| GRAND    | 067            | 10.0     | 6.5  | 7.3  | .6   | .7     | .7   | 10.270 | 11.410 | 12.310 | 1            |
|          | 242            | 8.1      | 10.0 | 11.0 | .6   | .7     | .7   | 11.460 | 12.490 | 14.030 | 11           |
|          | 243            | 6.5      | 10.6 | 11.4 | .5   | .6     | .6   | 11.610 | 12.420 | 14.010 | 5            |
|          | 274            | 13.3     | 13.7 | 15.9 | .5   | .6     | .7   | 10.230 | 11.800 | 14.030 | 4            |
|          | 799            | 6.7      | 11.0 | 11.9 | .6   | .7     | .7   | 11.690 | 12.550 | 14.240 | 16           |
|          | COUNTY AVERAGE | 7.9      | 10.9 | 11.9 | .5   | .6     | .6   | 11.400 | 12.380 | 14.050 | 37           |
| IRON     | 268            | 9.1      | 9.8  | 10.8 | 5.9  | 6.5    | 7.2  | 10.710 | 11.780 | 13.210 | 50           |
|          | 511            | 9.9      | 29.5 | 32.8 | 3.4  | 3.8    | 5.6  | 8.970  | 9.960  | 14.820 | 9            |
|          | 799            | 8.2      | 12.5 | 13.7 | 5.6  | 6.2    | 7.1  | 10.660 | 11.610 | 13.450 | 42           |
|          | COUNTY AVERAGE | 8.8      | 12.7 | 14.0 | 5.5  | 6.1    | 7.0  | 10.620 | 11.640 | 13.530 | 101          |
| KANE     | 253            | 21.7     | 8.2  | 10.6 | 1.0  | 1.3    | 1.4  | 8.930  | 11.410 | 12.760 | 8            |
|          | 254            | 11.4     | 5.5  | 6.3  | .4   | .5     | .5   | 10.910 | 12.310 | 13.140 | 1            |
|          | 255            | 13.2     | 10.5 | 12.1 | .8   | 1.0    | 1.1  | 9.580  | 11.040 | 12.550 | 2            |
|          | 256            | 12.6     | 7.6  | 8.7  | .9   | 1.1    | 1.2  | 9.850  | 11.280 | 12.350 | 4            |
|          | 257            | 13.4     | 7.2  | 8.4  | .9   | 1.1    | 1.2  | 10.000 | 11.550 | 12.610 | 6            |
|          | 260            | 12.5     | 10.4 | 11.9 | .7   | .9     | 1.0  | 9.420  | 10.770 | 12.220 | 1            |
|          | 261            | 22.7     | 9.5  | 12.4 | .6   | .8     | .9   | 7.750  | 10.030 | 11.450 | 1            |
|          | 266            | 4.2      | 8.8  | 9.2  | 1.4  | 1.5    | 1.6  | 11.790 | 12.320 | 13.560 | 1            |
|          | 799            | 18.0     | 4.3  | 10.2 | 1.5  | 1.9    | 2.1  | 9.790  | 11.960 | 13.310 | 24           |
|          | COUNTY AVERAGE | 16.9     | 8.2  | 9.9  | 1.2  | 1.5    | 1.6  | 9.700  | 11.680 | 12.960 | 48           |
|          | 799            | 17.8     | 18.4 | 22.5 | .4   | .6     | .7   | 9.370  | 10.190 | 13.150 | 2            |
|          | COUNTY AVERAGE | 17.8     | 18.4 | 22.5 | .4   | .6     | .7   | 9.370  | 10.190 | 13.150 | 2            |
| SANPETE  | 799            | 3.4      | 8.0  | 8.3  | .7   | .8     | .8   | 12.890 | 13.340 | 14.550 | 7            |
|          | COUNTY AVERAGE | 3.4      | 8.0  | 8.3  | .7   | .8     | .8   | 12.890 | 13.340 | 14.550 | 7            |

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND RED

STATE: 49 UTAH

| COUNTY         | RED            | MOISTURE |      | ASH  |      | SULFUR |      | A.P.   | BTU<br>DRY | M&AF   | NO. OF<br>ANAL |
|----------------|----------------|----------|------|------|------|--------|------|--------|------------|--------|----------------|
|                |                | A.P.     | A.P. | DRY  | A.P. | DRY    | M&AF |        |            |        |                |
| SEVIER         | 799            | 5.0      | 9.5  | 10.0 | 1.6  | 1.7    | 1.8  | 12,100 | 12,740     | 14,160 | 10             |
|                | 848            | 6.2      | 8.9  | 9.5  | .3   | .4     | .4   | 11,910 | 12,700     | 14,030 | 8              |
|                | 849            | 8.7      | 6.8  | 7.5  | .3   | .4     | .4   | 11,730 | 12,850     | 13,890 | 28             |
|                | 851            | 8.0      | 9.0  | 9.8  | .3   | .4     | .4   | 11,590 | 12,610     | 13,980 | 4              |
| COUNTY AVERAGE |                | 7.5      | 7.8  | 8.5  | .6   | .7     | .7   | 11,830 | 12,780     | 13,970 | 50             |
| SUMMIT         | 799            | 14.3     | 4.2  | 5.0  | 1.1  | 1.4    | 1.4  | 10,900 | 12,720     | 13,390 | 18             |
|                | 850            | 14.3     | 4.6  | 5.4  | 1.2  | 1.5    | 1.5  | 10,760 | 12,560     | 13,270 | 21             |
|                | COUNTY AVERAGE |          | 14.3 | 4.4  | 5.2  | 1.2    | 1.5  | 10,830 | 12,640     | 13,330 | 39             |
| UINTAH         | 007            | 12.8     | 15.2 | 17.5 | .6   | .7     | .8   | 7,800  | 8,950      | 10,850 | 2              |
|                | 252            | 8.9      | 9.6  | 10.6 | 1.4  | 1.6    | 1.7  | 10,880 | 11,940     | 13,360 | 22             |
|                | 799            | 8.8      | 11.8 | 13.0 | 1.5  | 1.7    | 1.9  | 11,060 | 12,120     | 13,940 | 10             |
|                | COUNTY AVERAGE |          | 9.1  | 10.6 | 11.7 | 1.4    | 1.6  | 10,740 | 11,810     | 13,380 | 34             |
| WASATCH        | 271            | 15.4     | 7.0  | 8.3  | .8   | 1.0    | 1.0  | 10,320 | 12,200     | 13,300 | 2              |
|                | 273            | 19.2     | 6.2  | 7.7  | .7   | .9     | .9   | 8,710  | 10,800     | 11,700 | 1              |
|                | COUNTY AVERAGE |          | 16.6 | 6.7  | 8.1  | .8     | 1.0  | 9,780  | 11,730     | 12,770 | 3              |
| WASHINGTON     | 799            | 6.7      | 14.5 | 15.6 | 2.2  | 2.4    | 2.8  | 10,780 | 11,560     | 13,700 | 2              |
|                | COUNTY AVERAGE |          | 6.7  | 14.5 | 15.6 | 2.2    | 2.4  | 10,780 | 11,560     | 13,700 | 2              |
| WAYNE          | 262            | 5.5      | 15.9 | 16.9 | 2.4  | 2.6    | 3.1  | 10,830 | 11,470     | 13,800 | 1              |
|                | COUNTY AVERAGE |          | 5.5  | 15.9 | 16.9 | 2.4    | 2.6  | 10,830 | 11,470     | 13,800 | 1              |
|                | STATE AVERAGE  |          | 5.0  | 6.9  | 7.3  | .5     | .6   | 12,660 | 13,320     | 14,370 | 9730           |

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 53 WASHINGTON

| COUNTY         | BED | MOISTURE |      | ASH  | A.R. | SULFUR | M&AF | A.R.   | BTU    | M&AF   | NO. OF<br>ANAL |
|----------------|-----|----------|------|------|------|--------|------|--------|--------|--------|----------------|
|                |     | A.R.     | A.R. |      |      |        |      |        |        |        |                |
| COWLITZ        | 502 | 32.2     | 6.5  | 9.6  | .5   | .8     | .8   | 7.170  | 10.580 | 11.700 | 2              |
|                | 503 | 24.1     | 11.9 | 15.7 | .9   | 1.3    | 1.5  | 7.850  | 10.340 | 12.270 | 1              |
|                | 505 | 32.0     | 28.2 | 41.5 | .8   | 1.3    | 2.2  | 4.520  | 6.650  | 11.360 | 1              |
|                | 506 | 31.0     | 19.3 | 28.1 | .2   | .3     | .4   | 7.600  | 11.020 | 15.330 | 1              |
|                | 799 | 20.1     | 18.1 | 22.7 | 2.8  | 3.6    | 4.6  | 7.800  | 9.760  | 12.630 | 4              |
| COUNTY AVERAGE |     | 26.3     | 16.4 | 22.3 | 1.5  | 2.1    | 2.7  | 7.230  | 9.810  | 12.630 | 9              |
| KING           | 001 | 11.8     | 15.3 | 17.4 | .6   | .7     | .8   | 9.920  | 11.240 | 13.610 | 50             |
|                | 402 | 9.5      | 13.4 | 14.9 | .4   | .5     | .5   | 10.660 | 11.780 | 13.840 | 13             |
|                | 403 | 8.7      | 13.5 | 14.8 | .7   | .8     | .9   | 10.990 | 12.030 | 14.120 | 15             |
|                | 404 | 8.7      | 11.8 | 13.0 | .6   | .7     | .8   | 11.270 | 12.340 | 14.190 | 13             |
|                | 405 | 10.7     | 12.4 | 13.9 | .7   | .8     | .9   | 10.630 | 11.900 | 13.820 | 14             |
|                | 406 | 8.3      | 14.3 | 15.7 | .6   | .7     | .8   | 10.910 | 11.900 | 14.110 | 12             |
|                | 407 | 5.4      | 18.8 | 19.9 | .5   | .6     | .7   | 10.940 | 11.560 | 14.430 | 5              |
|                | 408 | 14.3     | 11.5 | 13.5 | .7   | .9     | 1.0  | 10.200 | 11.900 | 13.760 | 4              |
|                | 409 | 14.7     | 10.5 | 12.4 | .5   | .7     | .7   | 10.080 | 11.820 | 13.490 | 4              |
|                | 410 | 14.1     | 12.8 | 15.0 | .5   | .6     | .7   | 9.820  | 11.430 | 13.450 | 7              |
|                | 412 | 13.2     | 6.3  | 7.3  | 1.5  | 1.8    | 1.9  | 11.130 | 12.820 | 13.830 | 1              |
|                | 414 | 16.9     | 12.3 | 14.9 | .4   | .6     | .7   | 9.560  | 11.500 | 13.510 | 11             |
|                | 416 | 9.7      | 6.5  | 7.2  | .9   | 1.0    | 1.0  | 11.800 | 13.070 | 14.080 | 1              |
|                | 417 | 10.1     | 18.2 | 20.3 | .5   | .6     | .7   | 9.760  | 10.860 | 13.620 | 2              |
|                | 423 | 16.0     | 9.4  | 11.2 | .5   | .6     | .6   | 9.870  | 11.750 | 13.230 | 6              |
|                | 425 | 13.2     | 9.5  | 11.0 | .5   | .6     | .6   | 10.420 | 12.000 | 13.480 | 5              |
|                | 426 | 11.2     | 12.0 | 13.6 | .6   | .7     | .8   | 10.560 | 11.900 | 13.770 | 4              |
|                | 427 | 14.3     | 12.5 | 14.6 | .3   | .4     | .4   | 9.740  | 11.370 | 13.310 | 1              |
|                | 430 | 6.0      | 15.8 | 16.9 | .5   | .6     | .7   | 11.250 | 11.970 | 14.400 | 5              |
|                | 432 | 4.6      | 13.0 | 13.7 | .7   | .8     | .9   | 12.270 | 12.860 | 14.900 | 4              |
|                | 434 | 4.7      | 14.3 | 15.1 | .5   | .6     | .7   | 11.880 | 12.470 | 14.680 | 3              |
|                | 440 | 16.2     | 16.1 | 19.3 | .3   | .4     | .4   | 9.950  | 10.680 | 13.240 | 3              |
|                | 442 | 3.4      | 17.3 | 18.0 | .8   | .9     | 1.0  | 11.590 | 12.000 | 14.630 | 1              |
|                | 447 | 4.6      | 12.2 | 12.8 | .6   | .7     | .8   | 12.730 | 13.340 | 15.300 | 1              |
|                | 448 | 15.4     | 11.2 | 13.3 | 1.2  | 1.5    | 1.7  | 9.940  | 11.740 | 13.550 | 9              |
|                | 450 | 8.9      | 12.5 | 13.8 | .9   | 1.0    | 1.1  | 10.830 | 11.890 | 13.790 | 2              |
|                | 452 | 11.0     | 10.6 | 12.0 | .3   | .4     | .4   | 10.800 | 12.140 | 13.790 | 3              |
|                | 454 | 9.0      | 9.9  | 10.9 | .4   | .5     | .5   | 11.250 | 12.360 | 13.970 | 1              |
|                | 456 | 5.8      | 29.4 | 31.3 | .5   | .6     | .8   | 9.260  | 9.830  | 14.310 | 2              |
|                | 457 | 6.4      | 21.8 | 23.3 | .5   | .6     | .7   | 10.340 | 11.050 | 14.410 | 7              |
|                | 459 | 6.7      | 26.5 | 28.5 | .3   | .4     | .5   | 9.520  | 10.220 | 14.290 | 2              |
|                | 799 | 11.3     | 11.2 | 12.7 | .5   | .6     | .6   | 10.670 | 12.030 | 13.780 | 144            |
|                | 821 | 4.7      | 12.1 | 12.7 | .8   | .9     | 1.0  | 12.420 | 13.030 | 14.930 | 1              |
|                | 826 | 14.0     | 16.2 | 18.9 | .2   | .3     | .3   | 9.400  | 10.940 | 13.480 | 3              |
|                | 827 | 13.5     | 11.3 | 13.1 | .6   | .7     | .8   | 9.890  | 11.430 | 13.150 | 1              |

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 53 WASHINGTON

| COUNTY   | BED            | MOISTURE |      | ASH  |      | SULFUR |      | M&AF   | BTU    |        | NO. OF ANAL |
|----------|----------------|----------|------|------|------|--------|------|--------|--------|--------|-------------|
|          |                | A.R.     | A.R. | DRY  | A.R. | DRY    | A.R. |        | DRY    | M&AF   |             |
| KING     | 828            | 8.3      | 5.5  | 6.1  | .6   | .7     | .7   | 12.230 | 13.340 | 14.200 | 109         |
|          | 829            | 11.4     | 10.8 | 12.2 | .4   | .5     | .5   | 10.770 | 12.160 | 13.840 | 30          |
|          | 960            | 13.7     | 12.2 | 14.2 | .3   | .4     | .4   | 10.160 | 11.780 | 13.720 | 26          |
|          | COUNTY AVERAGE | 10.6     | 11.2 | 12.6 | .6   | .7     | .8   | 10.860 | 12.150 | 13.900 | 525         |
| KITTITAS | 002            | 3.0      | 14.7 | 15.2 | .3   | .4     | .4   | 12.140 | 12.530 | 14.780 | 1           |
|          | 400            | 10.4     | 22.7 | 25.4 | 1.0  | 1.2    | 1.6  | 8.980  | 10.020 | 13.430 | 1           |
|          | 799            | 4.9      | 23.0 | 24.2 | .3   | .4     | .5   | 10.880 | 11.440 | 15.100 | 2           |
|          | 821            | 4.8      | 17.9 | 18.9 | .2   | .3     | .3   | 11.180 | 11.740 | 14.480 | 6           |
|          | 823            | 3.8      | 13.1 | 13.7 | .3   | .4     | .4   | 12.140 | 12.620 | 14.620 | 200         |
|          | 833            | 4.6      | 23.3 | 24.5 | .3   | .4     | .5   | 10.830 | 11.350 | 15.030 | 4           |
|          | 961            | 4.8      | 12.3 | 13.0 | .3   | .4     | .4   | 12.240 | 12.860 | 14.780 | 2           |
|          | COUNTY AVERAGE | 3.9      | 13.6 | 14.2 | .3   | .4     | .4   | 12.050 | 12.540 | 14.620 | 216         |
| LEWIS    | 488            | 16.8     | 17.3 | 20.8 | 3.9  | 4.8    | 6.0  | 8.700  | 10.460 | 13.200 | 1           |
|          | 489            | 29.0     | 7.5  | 10.7 | 1.4  | 2.0    | 2.2  | 8.050  | 11.340 | 12.700 | 1           |
|          | 490            | 24.2     | 11.2 | 14.8 | .9   | 1.2    | 1.4  | 8.310  | 10.960 | 12.870 | 1           |
|          | 491            | 26.1     | 11.9 | 16.2 | 1.4  | 2.0    | 2.3  | 7.810  | 10.570 | 12.610 | 1           |
|          | 492            | 20.5     | 12.7 | 16.0 | 1.1  | 1.5    | 1.7  | 8.660  | 10.900 | 12.970 | 3           |
|          | 494            | 23.7     | 9.4  | 12.4 | .6   | .9     | 1.0  | 8.620  | 11.290 | 12.890 | 3           |
|          | 495            | 28.5     | 8.7  | 12.3 | .7   | 1.0    | 1.1  | 7.860  | 11.000 | 12.540 | 22          |
|          | 496            | 24.4     | 9.2  | 12.3 | 1.8  | 2.5    | 2.8  | 8.270  | 10.940 | 12.470 | 1           |
|          | 497            | 25.1     | 13.4 | 18.0 | .9   | 1.3    | 1.5  | 7.370  | 9.840  | 12.000 | 1           |
|          | 499            | 4.2      | 17.3 | 18.1 | 1.2  | 1.3    | 1.5  | 11.620 | 12.150 | 14.830 | 2           |
|          | 500            | 6.0      | 19.5 | 20.8 | .5   | .6     | .7   | 10.560 | 11.230 | 14.180 | 5           |
|          | 501            | 7.5      | 23.4 | 25.3 | .9   | 1.0    | 1.3  | 9.540  | 10.310 | 13.800 | 2           |
|          | 507            | 31.4     | 15.5 | 22.7 | .4   | .7     | .9   | 6.440  | 9.380  | 12.140 | 2           |
|          | 799            | 28.3     | 9.1  | 12.7 | .7   | 1.1    | 1.2  | 7.900  | 11.020 | 12.620 | 118         |
|          | 821            | 25.9     | 10.0 | 13.6 | .8   | 1.2    | 1.3  | 8.320  | 11.230 | 13.000 | 1           |
|          | COUNTY AVERAGE | 26.7     | 9.8  | 13.4 | .8   | 1.1    | 1.2  | 8.060  | 11.000 | 12.700 | 164         |
| PIERCE   | 402            | 4.4      | 10.8 | 11.4 | .9   | 1.0    | 1.1  | 13.180 | 13.790 | 15.560 | 3           |
|          | 403            | 4.1      | 14.1 | 14.8 | .6   | .7     | .8   | 12.550 | 13.090 | 15.360 | 10          |
|          | 404            | 3.4      | 12.9 | 13.4 | .3   | .4     | .4   | 12.790 | 13.240 | 15.280 | 11          |
|          | 405            | 3.8      | 12.5 | 13.0 | .4   | .5     | .5   | 12.690 | 13.190 | 15.160 | 4           |
|          | 406            | 3.1      | 10.8 | 11.2 | .3   | .4     | .4   | 12.380 | 13.830 | 15.570 | 2           |
|          | 407            | 4.7      | 20.8 | 21.9 | .5   | .6     | .7   | 10.810 | 11.340 | 14.520 | 1           |
|          | 461            | 3.8      | 9.6  | 10.0 | .8   | .9     | .9   | 12.260 | 13.780 | 15.310 | 9           |
|          | 462            | 3.4      | 12.0 | 12.5 | 1.0  | 1.1    | 1.2  | 12.940 | 13.390 | 15.310 | 32          |
|          | 463            | 2.8      | 15.4 | 15.9 | .3   | .4     | .4   | 12.520 | 12.880 | 15.310 | 10          |

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 53 WASHINGTON

| COUNTY   | BED            | MOISTURE |      | ASH  |      | SULFUR |      | A.P.   | BTU    |        | NO. OF<br>ANAL |
|----------|----------------|----------|------|------|------|--------|------|--------|--------|--------|----------------|
|          |                | A.P.     | A.P. | DRY  | A.P. | DRY    | M&AF |        | DRY    | M&AF   |                |
| PIERCE   | 464            | 3.9      | 14.1 | 14.7 | .4   | .5     | .5   | 12,530 | 13,040 | 15,290 | 9              |
|          | 465            | 3.0      | 13.3 | 13.8 | 1.3  | 1.4    | 1.6  | 12,720 | 13,130 | 15,230 | 8              |
|          | 466            | 2.8      | 10.8 | 11.2 | .4   | .5     | .5   | 13,420 | 13,800 | 15,540 | 5              |
|          | 467            | 3.6      | 15.3 | 17.0 | .5   | .6     | .7   | 11,710 | 12,150 | 14,630 | 1              |
|          | 468            | 3.0      | 14.3 | 14.8 | .4   | .5     | .5   | 12,410 | 12,800 | 15,030 | 4              |
|          | 469            | 2.2      | 18.4 | 18.9 | .4   | .5     | .6   | 11,950 | 12,220 | 15,070 | 4              |
|          | 471            | 12.4     | 12.0 | 13.8 | .6   | .7     | .8   | 10,360 | 11,830 | 13,720 | 1              |
|          | 473            | 6.7      | 17.5 | 18.8 | .8   | .9     | 1.1  | 11,550 | 12,390 | 15,260 | 1              |
|          | 474            | 5.1      | 22.9 | 24.2 | .4   | .5     | .6   | 10,440 | 11,000 | 14,510 | 1              |
|          | 475            | 5.8      | 24.2 | 25.7 | .3   | .4     | .5   | 10,410 | 11,050 | 14,870 | 1              |
|          | 476            | 4.1      | 20.6 | 21.5 | 1.8  | 1.9    | 2.4  | 11,230 | 11,710 | 14,920 | 3              |
|          | 478            | 4.4      | 17.3 | 18.2 | .6   | .7     | .8   | 11,800 | 12,340 | 15,090 | 2              |
|          | 479            | 4.7      | 20.3 | 21.4 | .5   | .6     | .7   | 10,860 | 11,400 | 14,500 | 1              |
|          | 480            | 4.8      | 19.2 | 20.2 | .3   | .4     | .5   | 11,010 | 11,560 | 14,490 | 3              |
|          | 481            | 4.5      | 19.4 | 20.4 | .3   | .4     | .5   | 11,270 | 11,800 | 14,820 | 1              |
|          | 484            | 3.3      | 12.6 | 13.1 | .6   | .7     | .8   | 13,060 | 13,510 | 15,540 | 1              |
|          | 485            | 1.9      | 10.3 | 10.5 | .4   | .5     | .5   | 13,720 | 13,990 | 15,630 | 1              |
|          | 799            | 5.1      | 16.0 | 16.9 | 1.8  | 2.0    | 2.4  | 12,070 | 12,720 | 15,300 | 63             |
|          | COUNTY AVERAGE | 4.1      | 14.4 | 15.1 | 1.1  | 1.2    | 1.4  | 12,420 | 12,950 | 15,250 | 192            |
| SKAGIT   | 393            | .3       | 14.8 | 14.9 | .1   | .2     | .2   |        |        |        | 1              |
|          | 799            | 1.0      | 7.4  | 7.5  | .4   | .5     | .5   |        |        |        | 4              |
|          | COUNTY AVERAGE | .9       | 9.2  | 9.3  | .3   | .4     | .4   |        |        |        | 5              |
| THURSTON | 487            | 17.9     | 24.8 | 30.3 | 2.6  | 3.2    | 4.5  | 7,060  | 8,600  | 12,340 | 1              |
|          | 488            | 16.7     | 18.1 | 21.8 | 3.6  | 4.4    | 5.6  | 8,560  | 10,290 | 13,160 | 7              |
|          | 490            | 22.2     | 11.9 | 15.4 | 2.3  | 3.0    | 3.5  | 8,470  | 10,890 | 12,870 | 1              |
|          | 492            | 22.7     | 12.8 | 16.6 | 2.7  | 3.6    | 4.3  | 8,060  | 10,430 | 12,500 | 1              |
|          | 493            | 25.5     | 12.6 | 17.0 | 4.3  | 5.9    | 7.1  | 7,530  | 10,110 | 12,180 | 1              |
|          | 494            | 22.1     | 10.5 | 13.6 | .3   | .5     | .5   | 8,660  | 11,120 | 12,870 | 1              |
|          | 495            | 22.2     | 8.2  | 10.6 | .3   | .5     | .5   | 8,990  | 11,550 | 12,920 | 14             |
|          | 496            | 24.4     | 9.2  | 12.3 | 1.8  | 2.5    | 2.8  | 8,270  | 10,940 | 12,470 | 1              |
|          | 497            | 20.7     | 12.9 | 16.3 | 1.5  | 2.0    | 2.3  | 8,750  | 11,030 | 13,180 | 1              |
|          | 799            | 19.4     | 12.5 | 15.6 | 1.6  | 2.0    | 2.3  | 8,850  | 10,980 | 13,010 | 14             |
|          | 821            | 22.9     | 10.7 | 14.0 | .3   | .5     | .5   | 8,490  | 11,010 | 12,800 | 4              |
|          | 826            | 21.2     | 11.4 | 14.5 | .3   | .5     | .5   | 8,730  | 11,080 | 12,950 | 4              |
|          | COUNTY AVERAGE | 20.6     | 11.9 | 15.1 | 1.4  | 1.8    | 2.1  | 8,720  | 10,980 | 12,930 | 50             |
| WHATCOM  | 393            | 1.6      | 2.1  | 2.2  | 1.0  | 1.1    | 1.1  | 11,920 | 12,110 | 12,380 | 1              |
|          | 394            | 5.5      | 3.6  | 3.9  | 1.1  | 1.2    | 1.2  | 7,150  | 7,580  | 7,880  | 1              |

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 53 WASHINGTON

| COUNTY         | BED | MOISTURE |      | ASH  |      | SULFUR |      | A.P.   | BTU    |        | NO. OF<br>ANAL |
|----------------|-----|----------|------|------|------|--------|------|--------|--------|--------|----------------|
|                |     | A.R.     | A.P. | DRY  | A.P. | DRY    | M&AF |        | DRY    | M&AF   |                |
| WHATCOM        | 396 | 6.1      | 9.5  | 10.2 | .9   | 1.0    | 1.1  | 12,730 | 13,550 | 15,090 | 5              |
|                | 799 | 6.3      | 21.1 | 22.6 | 1.1  | 1.2    | 1.5  | 10,550 | 11,260 | 14,540 | 5              |
|                | 831 | 6.9      | 15.0 | 16.2 | .2   | .3     | .3   | 10,630 | 11,420 | 13,630 | 91             |
| COUNTY AVERAGE |     | 6.8      | 14.3 | 16.0 | .3   | .4     | .4   | 10,690 | 11,490 | 13,670 | 103            |
| STATE AVERAGE  |     | 10.7     | 12.3 | 13.8 | .7   | .8     | .9   | 10,780 | 12,070 | 14,000 | 1264           |

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 56 WYOMING

| COUNTY      | BED            | MOISTURE |      | ASH  |      | SULFUR |      | M&AF   | BTU    |        | NO. OF<br>ANAL |
|-------------|----------------|----------|------|------|------|--------|------|--------|--------|--------|----------------|
|             |                | A.P.     | A.P. | DRY  | A.P. | DRY    | A.P. |        | DRY    | M&AF   |                |
| ALBANY      | 799            | 18.8     | 12.0 | 14.9 | .8   | 1.0    | 1.1  | 8,840  | 10,880 | 12,790 | 6              |
|             | COUNTY AVERAGE | 18.8     | 12.0 | 14.9 | .8   | 1.0    | 1.1  | 8,840  | 10,880 | 12,790 | 6              |
| BIG HORN    | 799            | 15.0     | 10.0 | 11.8 | .8   | 1.0    | 1.1  | 9,990  | 11,750 | 13,320 | 17             |
|             | COUNTY AVERAGE | 15.0     | 10.0 | 11.8 | .8   | 1.0    | 1.1  | 9,990  | 11,750 | 13,320 | 17             |
| CAMPBELL    | 701            | 33.9     | 5.0  | 7.6  | .3   | .5     | .5   | 7,810  | 11,820 | 12,790 | 4              |
|             | 706            | 31.6     | 6.9  | 10.2 | 1.2  | 1.9    | 2.1  | 7,810  | 11,420 | 12,720 | 5              |
|             | 708            | 28.2     | 8.1  | 11.3 | .9   | 1.3    | 1.4  | 8,050  | 11,210 | 12,630 | 2              |
|             | 787            | 31.1     | 6.4  | 9.3  | .6   | .9     | .9   | 8,040  | 11,680 | 12,870 | 19             |
|             | 799            | 30.8     | 4.9  | 7.2  | .2   | .4     | .4   | 8,130  | 11,750 | 12,660 | 1              |
|             | 951            | 29.1     | 6.8  | 9.6  | .5   | .8     | .8   | 8,200  | 11,570 | 12,800 | 30             |
|             | COUNTY AVERAGE | 30.2     | 6.5  | 9.4  | .6   | .9     | .9   | 8,100  | 11,600 | 12,810 | 61             |
| CARBON      | 799            | 9.6      | 8.3  | 9.2  | .6   | .7     | .7   | 11,140 | 12,320 | 13,570 | 359            |
|             | 804            | 11.2     | 5.7  | 6.5  | .3   | .4     | .4   | 11,250 | 12,670 | 13,550 | 8              |
|             | 817            | 11.1     | 5.6  | 6.3  | .2   | .3     | .3   | 11,190 | 12,590 | 13,430 | 17             |
|             | 818            | 11.4     | 6.2  | 7.1  | .3   | .4     | .4   | 11,150 | 12,580 | 13,540 | 770            |
|             | 819            | 12.2     | 6.1  | 7.0  | .4   | .5     | .5   | 11,040 | 12,580 | 13,520 | 2              |
|             | 955            | 11.0     | 6.8  | 7.7  | .2   | .3     | .3   | 11,100 | 12,470 | 13,510 | 5              |
|             | COUNTY AVERAGE | 10.9     | 6.8  | 7.7  | .4   | .5     | .5   | 11,140 | 12,500 | 13,540 | 1161           |
| CONVERSE    | 522            | 15.0     | 15.0 | 17.7 | .6   | .8     | .9   | 8,530  | 10,040 | 12,200 | 1              |
|             | 523            | 14.8     | 8.2  | 9.7  | .7   | .9     | .9   | 10,050 | 11,800 | 13,070 | 1              |
|             | 799            | 26.3     | 6.5  | 8.9  | .5   | .7     | .7   | 8,430  | 11,440 | 12,560 | 43             |
|             | COUNTY AVERAGE | 25.8     | 6.7  | 9.1  | .5   | .7     | .7   | 8,470  | 11,420 | 12,560 | 45             |
| CROOK       | 799            | 21.1     | 9.4  | 12.0 | 4.0  | 5.1    | 5.7  | 9,060  | 11,480 | 13,040 | 22             |
|             | COUNTY AVERAGE | 21.1     | 9.4  | 12.0 | 4.0  | 5.1    | 5.7  | 9,060  | 11,480 | 13,040 | 22             |
| FREMONT     | 799            | 20.9     | 6.8  | 8.6  | .5   | .7     | .7   | 9,420  | 11,910 | 13,030 | 57             |
|             | COUNTY AVERAGE | 20.9     | 6.8  | 8.6  | .5   | .7     | .7   | 9,420  | 11,910 | 13,030 | 57             |
| HOT SPRINGS | 001            | 13.5     | 6.8  | 7.9  | .5   | .6     | .6   | 10,880 | 12,580 | 13,660 | 33             |
|             | 799            | 12.5     | 5.9  | 6.8  | .5   | .6     | .6   | 11,110 | 12,700 | 13,620 | 188            |
|             | COUNTY AVERAGE | 12.6     | 6.1  | 7.0  | .5   | .6     | .6   | 11,080 | 12,680 | 13,630 | 221            |

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 56 WYOMING

| COUNTY         | BED            | MOISTURE |      | ASH     |      | SULFUR     |        | M&AF   | A.P.   | BTU    |      | NO. OF ANAL |
|----------------|----------------|----------|------|---------|------|------------|--------|--------|--------|--------|------|-------------|
|                |                | A.R.     | A.R. | ASH DRY | A.R. | SULFUR DRY | DRY    |        |        | M&AF   |      |             |
| JOHNSON        | 691            | 28.4     | 5.8  | 8.2     | .5   | .8         | .8     | 7.960  | 11.120 | 12.110 | 8    |             |
|                | 799            | 25.0     | 8.9  | 11.9    | .9   | 1.2        | 1.3    | 8.130  | 10.850 | 12.310 | 16   |             |
|                | 977            | 27.9     | 9.7  | 13.5    | .5   | .8         | .9     | 7.530  | 10.440 | 12.070 | 3    |             |
|                | COUNTY AVERAGE | 26.4     | 8.0  | 11.0    | .7   | 1.0        | 1.1    | 7.990  | 10.860 | 12.200 | 27   |             |
| LINCOLN        | 001            | 28.6     | 3.7  | 5.3     | .2   | .3         | .3     | 8.020  | 11.230 | 11.860 | 1    |             |
|                | 782            | 20.4     | 3.3  | 4.2     | .5   | .7         | .7     | 10.120 | 12.710 | 13.270 | 742  |             |
|                | 799            | 7.9      | 7.2  | 7.9     | .5   | .6         | .6     | 11.910 | 12.930 | 14.040 | 29   |             |
|                | 801            | 5.6      | 7.8  | 8.3     | .8   | .9         | .9     | 12.240 | 12.980 | 14.160 | 182  |             |
|                | 803            | 3.7      | 7.9  | 8.3     | .9   | 1.0        | 1.0    | 12.880 | 13.380 | 14.590 | 51   |             |
| COUNTY AVERAGE | 16.5           | 4.3      | 5.2  | .6      | .8   | .8         | 10.690 | 12.800 | 13.500 | 1005   |      |             |
| NATRONA        | 799            | 24.8     | 9.7  | 12.9    | .6   | .8         | .9     | 8.030  | 10.680 | 12.260 | 13   |             |
|                | COUNTY AVERAGE | 24.8     | 9.7  | 12.9    | .6   | .8         | .9     | 8.030  | 10.680 | 12.260 | 13   |             |
| NIOBRARA       | 799            | 29.9     | 7.2  | 10.4    | .7   | 1.1        | 1.2    | 7.660  | 10.930 | 12.190 | 1    |             |
|                | COUNTY AVERAGE | 29.9     | 7.2  | 10.4    | .7   | 1.1        | 1.2    | 7.660  | 10.930 | 12.190 | 1    |             |
| PARK           | 799            | 14.6     | 9.5  | 11.2    | .5   | .7         | .7     | 9.920  | 11.620 | 13.080 | 35   |             |
|                | COUNTY AVERAGE | 14.6     | 9.5  | 11.2    | .5   | .7         | .7     | 9.920  | 11.620 | 13.080 | 35   |             |
| SHERIDAN       | 002            | 22.8     | 4.4  | 5.8     | .3   | .5         | .5     | 9.410  | 12.200 | 12.940 | 294  |             |
|                | 520            | 22.8     | 6.7  | 8.7     | .8   | 1.1        | 1.2    | 9.110  | 11.800 | 12.920 | 9    |             |
|                | 691            | 27.7     | 7.5  | 10.4    | .4   | .6         | .6     | 7.780  | 10.760 | 12.010 | 2    |             |
|                | 695            | 23.1     | 4.2  | 5.5     | .4   | .6         | .6     | 9.350  | 12.150 | 12.860 | 67   |             |
|                | 697            | 24.4     | 4.7  | 6.3     | .4   | .6         | .6     | 9.020  | 11.930 | 12.730 | 8    |             |
|                | 698            | 24.7     | 4.6  | 6.2     | .3   | .5         | .5     | 8.900  | 11.820 | 12.600 | 2    |             |
|                | 701            | 26.3     | 5.3  | 7.3     | .5   | .8         | .8     | 8.340  | 11.320 | 12.210 | 4    |             |
|                | 702            | 27.7     | 5.7  | 8.0     | 1.1  | 1.6        | 1.7    | 8.140  | 11.250 | 12.230 | 5    |             |
|                | 708            | 24.7     | 10.0 | 13.4    | .4   | .6         | .6     | 7.620  | 10.120 | 11.690 | 1    |             |
|                | 783            | 21.0     | 4.5  | 5.7     | .4   | .6         | .6     | 9.720  | 12.300 | 13.050 | 1819 |             |
|                | 784            | 23.2     | 4.1  | 5.4     | .3   | .5         | .5     | 9.350  | 12.170 | 12.870 | 34   |             |
|                | 786            | 24.3     | 4.3  | 5.8     | .4   | .6         | .6     | 9.230  | 12.200 | 12.950 | 20   |             |
|                | 787            | 23.5     | 4.8  | 6.3     | 1.3  | 1.8        | 1.9    | 9.010  | 11.780 | 12.570 | 1    |             |
|                | 799            | 22.9     | 5.2  | 6.8     | .3   | .5         | .5     | 9.280  | 12.040 | 12.910 | 22   |             |
|                | 952            | 23.6     | 3.2  | 4.3     | .3   | .4         | .4     | 9.520  | 12.460 | 13.020 | 5    |             |
|                | COUNTY AVERAGE | 21.5     | 4.5  | 5.8     | .4   | .6         | .6     | 9.630  | 12.270 | 13.020 | 2293 |             |

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 56 WYOMING

| COUNTY     | BED            | MOISTURE | ASH  |      | SULFUR | M&AF | A.R. | BTU    | M&AF   | NO. OF |      |
|------------|----------------|----------|------|------|--------|------|------|--------|--------|--------|------|
|            |                | A.R.     | A.R. | DRY  |        |      |      |        |        |        | A.P. |
| SIBLETTE   | 799            | 9.1      | 6.3  | 7.0  | .5     | .6   | .6   | 11,720 | 12,890 | 13,860 | 7    |
|            | COUNTY AVERAGE | 9.1      | 6.3  | 7.0  | .5     | .6   | .6   | 11,720 | 12,890 | 13,860 | 7    |
| SWEETWATER | 001            | 7.9      | 3.8  | 4.2  | .8     | .9   | .9   | 12,380 | 13,440 | 14,030 | 657  |
|            | 506            | 13.6     | 2.5  | 2.9  | .9     | 1.1  | 1.1  | 10,970 | 12,700 | 13,080 | 1    |
|            | 739            | 10.6     | 2.2  | 2.5  | 1.2    | 1.4  | 1.4  | 11,460 | 12,820 | 13,150 | 1    |
|            | 788            | 10.9     | 15.5 | 17.5 | .9     | 1.1  | 1.3  | 9,390  | 10,540 | 12,780 | 1    |
|            | 789            | 14.2     | 4.3  | 5.1  | 1.1    | 1.3  | 1.3  | 10,850 | 12,660 | 13,340 | 1    |
|            | 790            | 6.9      | 4.5  | 4.9  | .7     | .8   | .8   | 12,460 | 13,390 | 14,080 | 185  |
|            | 791            | 11.3     | 4.8  | 5.5  | .8     | 1.0  | 1.0  | 11,620 | 13,100 | 13,870 | 108  |
|            | 792            | 15.0     | 3.8  | 4.5  | .8     | 1.0  | 1.0  | 11,070 | 13,020 | 13,640 | 14   |
|            | 793            | 11.2     | 2.3  | 2.6  | .7     | .8   | .8   | 12,200 | 13,740 | 14,100 | 7    |
|            | 794            | 11.2     | 3.8  | 4.3  | .7     | .9   | .9   | 11,760 | 13,250 | 13,840 | 157  |
|            | 795            | 16.0     | 2.7  | 3.3  | .7     | .9   | .9   | 10,970 | 13,050 | 13,500 | 10   |
|            | 796            | 12.6     | 3.7  | 4.3  | .8     | 1.0  | 1.0  | 11,590 | 13,260 | 13,850 | 22   |
|            | 797            | 14.4     | 3.5  | 4.2  | .6     | .8   | .8   | 11,150 | 13,020 | 13,590 | 283  |
|            | 798            | 13.2     | 4.6  | 5.3  | 1.0    | 1.2  | 1.2  | 11,380 | 13,110 | 13,840 | 7    |
|            | 799            | 15.0     | 4.9  | 5.8  | .9     | 1.1  | 1.1  | 10,340 | 12,170 | 12,920 | 31   |
|            | 953            | 9.1      | 4.5  | 5.0  | .9     | 1.0  | 1.0  | 12,110 | 13,320 | 14,020 | 124  |
|            | 954            | 13.8     | 3.2  | 3.8  | .6     | .8   | .8   | 11,270 | 13,080 | 13,600 | 45   |
|            | COUNTY AVERAGE | 10.0     | 4.0  | 4.5  | .8     | .9   | .9   | 11,940 | 13,270 | 13,890 | 1654 |
| TETON      | 799            | 8.4      | 7.0  | 7.7  | .4     | .5   | .5   | 11,820 | 12,910 | 13,980 | 10   |
|            | COUNTY AVERAGE | 8.4      | 7.0  | 7.7  | .4     | .5   | .5   | 11,820 | 12,910 | 13,980 | 10   |
| UINTA      | 799            | 13.6     | 7.3  | 8.5  | 1.0    | 1.2  | 1.3  | 10,500 | 12,150 | 13,280 | 58   |
|            | COUNTY AVERAGE | 13.6     | 7.3  | 8.5  | 1.0    | 1.2  | 1.3  | 10,500 | 12,150 | 13,280 | 58   |
| WASHAKIE   | 799            | 16.0     | 13.2 | 15.8 | .7     | .9   | 1.0  | 9,020  | 10,740 | 12,750 | 3    |
|            | COUNTY AVERAGE | 16.0     | 13.2 | 15.8 | .7     | .9   | 1.0  | 9,020  | 10,740 | 12,750 | 3    |
| WESTON     | 799            | 15.5     | 14.8 | 17.6 | 3.2    | 3.8  | 4.6  | 9,550  | 11,310 | 13,730 | 27   |
|            | COUNTY AVERAGE | 15.5     | 14.8 | 17.6 | 3.2    | 3.8  | 4.6  | 9,550  | 11,310 | 13,730 | 27   |
|            | STATE AVERAGE  | 15.7     | 5.0  | 6.0  | .5     | .7   | .7   | 10,630 | 12,620 | 13,420 | 6723 |

## APPENDIX E. - COALBED NAMES AND CODE NUMBERS

GENERAL

|     |         |     |              |
|-----|---------|-----|--------------|
| 001 | Various | 799 | Uncorrelated |
| 002 | Various |     |              |

ALASKA

|     |             |     |       |
|-----|-------------|-----|-------|
| 009 | Letter Beds | 012 | Two   |
| 011 | One         | 013 | Three |

ARIZONA

|     |        |     |      |
|-----|--------|-----|------|
| 498 | Brown  | 502 | Blue |
| 499 | Yellow | 503 | Red  |
| 501 | Green  |     |      |

ARKANSAS

|     |                  |     |                            |
|-----|------------------|-----|----------------------------|
| 551 | Paris            | 563 | Lower Hartshorne           |
| 552 | Cavanal          |     | Hartshorne                 |
| 554 | Charleston       |     | Bernice                    |
|     | Philpott         |     | Denning                    |
|     | Sky              |     | Huntington                 |
|     | Coal Ridge       |     | Jenny Lind                 |
|     |                  |     | Shinn Basin                |
|     |                  |     | Spadra                     |
|     |                  |     | Mammoth                    |
| 556 | Stigler          |     | Excelsior Thin Vein        |
|     |                  |     | Pickartz                   |
| 558 | McAlester        |     | Lower Spadra               |
| 562 | Upper Hartshorne | 880 | Lower and Upper Hartshorne |
|     | Upper Spadra     | 911 | Stigler and McAlester      |

COLORADO

|     |                      |     |                            |
|-----|----------------------|-----|----------------------------|
| 006 | Fruitland Fm.        | 040 | Como                       |
| 007 | Mesaverde Fm.        | 041 | Jeff Hill                  |
| 008 | Laramie Fm.          | 042 | Capron                     |
| 010 | Coalmont Fm.         | 043 | Mexican Creek              |
| 014 | Dakota Sandstone Fm. | 044 | Mitchell Mine              |
| 015 | Fort Union Fm.       | 045 | Monahan                    |
| 016 | Lance Fm.            | 046 | Riach                      |
| 017 | Williams Fork Fm.    | 047 | Below Riach                |
| 018 | Iles Fm.             | 048 | Below Riach Double         |
| 019 | Vermejo Fm.          | 049 | Sudduth                    |
| 020 | Raton Fm.            | 050 | Taylor Mine                |
| 030 | Laramie A            | 051 | Coal No. 1 - Mesaverde Fm. |
| 031 | Laramie No. 1        | 052 | Coal No. 2 - Mesaverde Fm. |
| 032 | Laramie No. 2        | 053 | Coal No. 3 - Mesaverde Fm. |
| 033 | Laramie No. 4        | 054 | Coal No. 4 - Mesaverde Fm. |
| 034 | Laramie No. 5        | 055 | Coal No. 5 - Mesaverde Fm. |
| 035 | Laramie No. 6        | 056 | Coal No. 6 - Mesaverde Fm. |
| 036 | Laramie No. 7        | 057 | Coal No. 7 - Mesaverde Fm. |
| 037 | Laramie Upper        | 058 | Coal No. 8 - Mesaverde Fm. |
| 038 | Laramie Middle       | 059 | Floresta                   |
| 039 | Laramie Lower        | 060 | Lower Hogate               |

COLORADO (cont'd)

|                                |                      |
|--------------------------------|----------------------|
| 061 Middle Hogate              | 083 Fairfield No. 8  |
| 062 Upper Hogate               | 084 Fairfield No. 9  |
| 063 Keystone                   | 085 Fairfield No. 10 |
| 064 Placita                    | 086 Fairfield No. 11 |
| 065 Upper Part - Mesaverde Fm. | 087 Fairfield No. 12 |
| 066 Anchor                     | 088 Fairfield No. 13 |
| 067 Carbonera                  | 089 Fairfield No. 14 |
| 068 Lower Carbonera            | 090 Fairfield No. 15 |
| 069 Middle Carbonera           | 091 Fairfield No. 16 |
| 070 Upper Carbonera            | 092 Fairfield No. 17 |
| 071 Upper Member - Dakota Ss.  | 093 Fairfield No. 18 |
| 072 Middle Member - Dakota Ss. | 094 Fairfield No. 19 |
| 073 Lower Member - Dakota Ss.  | 095 Fairfield No. 20 |
| 074 Blevins Group              | 096 Fairfield No. 21 |
| 075 Fairfield Group            | 097 Fairfield No. 22 |
| 076 Fairfield No. 1            | 098 Fairfield No. 23 |
| 077 Fairfield No. 2            | 099 Fish Creek       |
| 078 Fairfield No. 3            | 100 Goff No. 1       |
| 079 Fairfield No. 4            | 101 Goff No. 2       |
| 080 Fairfield No. 5            | 102 Goff No. 3       |
| 081 Fairfield No. 6            | 103 Goff No. 4       |
| 082 Fairfield No. 7            | 104 Goff No. 5       |

COLORADO (cont'd)

|                   |                        |
|-------------------|------------------------|
| 105 Goff No. 6    | 127 Lion Canyon No. 1  |
| 106 Goff No. 7    | 128 Lion Canyon No. 2  |
| 107 Goff No. 8    | 129 Lion Canyon No. 3  |
| 108 Goff No. 9    | 130 Lion Canyon No. 4  |
| 109 Goff No. 10   | 131 Lion Canyon No. 5  |
| 110 Goff No. 11   | 132 Lion Canyon No. 6  |
| 111 Goff No. 12   | 133 Lion Canyon No. 7  |
| 112 Goff No. 13   | 134 Lion Canyon No. 8  |
| 113 Goff No. 14   | 135 Lion Canyon No. 9  |
| 114 Goff No. 15   | 136 Lion Canyon No. 10 |
| 115 Goff No. 16   | 137 Lion Canyon No. 11 |
| 116 Goff No. 17   | 138 Lion Canyon No. 12 |
| 117 Goff No. 18   | 139 Lion Canyon No. 13 |
| 118 Goff No. 19   | 140 Lion Canyon No. 14 |
| 119 Goff No. 20   | 141 Lion Canyon No. 15 |
| 120 Goff No. 21   | 142 Lion Canyon No. 16 |
| 121 Goff No. 22   | 143 Lion Canyon No. 17 |
| 122 Lay Section   | 144 Lion Canyon No. 18 |
| 123 Lion Canyon A | 145 Lion Canyon No. 19 |
| 124 Lion Canyon B | 146 Lion Canyon No. 20 |
| 125 Lion Canyon C | 147 Lion Canyon No. 21 |
| 126 Lion Canyon D | 148 Lion Canyon No. 22 |

COLORADO (cont'd)

|     |                                            |     |                              |
|-----|--------------------------------------------|-----|------------------------------|
| 149 | Lion Canyon No. 23                         | 170 | Black Diamond Group          |
| 150 | Lion Canyon No. 24                         | 171 | Black Diamond No. 1          |
| 151 | Middle Group - Wms. Fork                   | 172 | Black Diamond No. 2          |
| 152 | Middle Group F Zone - Wms. Fork            | 173 | Black Diamond No. 3          |
| 153 | Middle Group G Zone - Wms. Fork            | 174 | Black Diamond No. 4          |
| 154 | Middle Group H Zone - Wms. Fork            | 175 | Black Diamond No. 5          |
| 155 | Middle Group J - Wms. Fork                 | 176 | Black Diamond No. 9          |
| 156 | Middle Group K - Wms. Fork                 | 177 | Black Diamond No. 10         |
| 157 | Middle Group L - Wms. Fork                 | 178 | Bear River                   |
| 158 | Middle Group N - Wms. Fork                 | 179 | Brooks                       |
| 159 | Middle Group O - Wms. Fork                 | 180 | Lower Group - Iles Fm.       |
| 160 | Middle Group P - Wms. Fork                 | 181 | Lower Group A - Iles Fm.     |
| 161 | Middle Group Q - Wms. Fork                 | 182 | Lower Group B - Iles Fm.     |
| 162 | Middle Group R - Wms. Fork                 | 183 | Lower Group C - Iles Fm.     |
| 163 | Middle Group S - Wms. Fork                 | 184 | Lower Group D - Iles Fm.     |
| 164 | T M Group - Wms. Fork<br>Twenty Mile Group | 185 | Lower Group E - Iles Fm.     |
| 165 | Another Base Wms. Fork                     | 186 | Lower Group No. 1 - Iles Fm. |
| 166 | Base Wms. Fork                             | 187 | Lower Group No. 2 - Iles Fm. |
| 167 | Lower Third Wms. Fork                      | 188 | Lower Group No. 3 - Iles Fm. |
| 168 | Middle Wms. Fork                           | 189 | Royal Gorge                  |
| 169 | Top Wms. Fork                              | 190 | Vermejo A                    |

COLORADO (cont'd)

|                       |                               |
|-----------------------|-------------------------------|
| 191 Vermejo B         | 212 Vermejo No. 3             |
| 192 Vermejo C         | 213 Vermejo No. 4             |
| 193 Vermejo D         | 214 Vermejo No. 5             |
| 194 Vermejo E         | 215 Upper Alamo               |
| 195 Vermejo F         | 216 Lower Alamo               |
| 196 Cokedale          | 217 Kebler No. 2              |
| 197 Piedmont          | 218 Mammoth                   |
| 198 Lower Piedmont    | 219 Occidental                |
| 199 Sopris            | 220 Lenox                     |
| 200 Lower Sopris      | 221 Rider                     |
| 201 Upper Starkville  | 222 Upper Member - Raton Fm.  |
| 202 Berwind           | 223 Apache                    |
| 203 Bunker Hill       | 224 Lower Member - Raton Fm.  |
| 204 Upper Bunker Hill | 225 Middle Member - Raton Fm. |
| 205 Lower Bunker Hill | 226 Boncarbo                  |
| 206 Gem               | 227 Martinez                  |
| 207 New Rouse         | 228 Three Pines               |
| 208 Pryor             | 229 Mutual                    |
| 209 Rainbow           | 230 Raton A                   |
| 210 Thomas            | 231 Raton B                   |
| 211 Vermejo No. 2     | 232 Carbonero                 |

COLORADO (cont 'd)

|     |                                      |     |                                              |
|-----|--------------------------------------|-----|----------------------------------------------|
| 512 | Fairfield No. 24                     | 732 | Magnet<br>Ocean Wave                         |
| 513 | Vermejo No. 1                        | 733 | Fox Hill                                     |
| 514 | G                                    | 735 | Cass                                         |
| 516 | Allen<br>Ciruela                     | 736 | Zenith                                       |
| 521 | Alfreda                              | 738 | Wolf Creek                                   |
| 675 | Shamrock                             | 739 | Delagua No. 1                                |
| 704 | A (Carbondale Field)                 | 741 | Majestic                                     |
| 705 | B (Carbondale Field)<br>Coal Basin B | 742 | Lower Ludlow                                 |
| 709 | Hastings                             | 744 | Chandler                                     |
| 711 | Lower Starkville                     | 745 | Dirty Robinson<br>Robinson<br>Upper Robinson |
| 712 | Nonac                                | 747 | Empire                                       |
| 715 | Wheeler                              | 748 | Pinnacle                                     |
| 717 | Morley                               | 749 | Rockdale                                     |
| 718 | Anderson                             | 750 | Wadge                                        |
| 719 | Upper Ludlow                         | 751 | Primero                                      |
| 722 | Upper Rugby                          | 752 | A                                            |
| 724 | Rapson                               | 753 | B<br>Sommerset                               |
| 725 | Walsen                               | 754 | Bear<br>C<br>Juanita C                       |
| 727 | Palisade                             | 755 | D<br>Oliver                                  |
| 729 | Frederick                            |     |                                              |
| 730 | Lower Robinson                       |     |                                              |

COLORADO (cont 'd)

|                                     |                                                              |
|-------------------------------------|--------------------------------------------------------------|
| 756 E<br>Red Canyon<br>Upper Oliver | 768 Laramie No. 3                                            |
| 757 F<br>Green Valley<br>Hawksnest  | 769 Collom                                                   |
| 758 Brookside                       | 770 Cameo                                                    |
| 759 Allen<br>Sunshine               | 901 Lennox and Wadge                                         |
| 760 Lennox                          | 970 Upper and Lower Ludlow                                   |
| 761 Canon City                      | 971 Jack-O-Lantern and Monarch                               |
| 762 Dry Creek                       | 972 D and E (Carbondale Field)                               |
| 763 Cameron                         | 974 A and Anderson (Carbondale)                              |
| 764 Bear Canyon No. 6               | 975 A and B (Carbondale Field)                               |
| 765 Jack-O-Lantern                  | 978 B and C (Grand Mesa and<br>Somerset Fields)              |
| 767 Radiant                         | 988 Upper and Lower (Laramie Fm.)<br>Laramie Upper and Lower |
|                                     | 994 Laramie Nos. 3 and 4                                     |

IOWA

|              |                                                    |
|--------------|----------------------------------------------------|
| 438 Nyman    | 484 Mystic<br>Upper Mystic<br>No. 1<br>Centerville |
| 441 Elmo     |                                                    |
| 442 Nodaway  | 485 Lower Mystic<br>Marshall                       |
| 472 Ovid     |                                                    |
| 482 Lonsdale | 489 Summit                                         |

IOWA (cont'd)

|     |                                                                     |     |                                |
|-----|---------------------------------------------------------------------|-----|--------------------------------|
| 490 | Mulky                                                               | 548 | Manbeck<br>Upper<br>Black Jack |
| 492 | Bevier<br>Bedford                                                   | 549 | Hastie Plus                    |
| 495 | Wheeler                                                             | 550 | Hastie                         |
| 496 | Whitebreast                                                         | 564 | Tyson                          |
| 506 | Wiley                                                               | 566 | Pretty<br>Upper Bituminous     |
| 510 | Munterville                                                         | 567 | Colburn<br>Cannel<br>Big Coal  |
| 512 | Lucas County No. 7                                                  | 900 | Mystic and Summit              |
| 517 | Lucas County No. 5                                                  | 902 | Summit and Wiley               |
| 529 | Laddsdale<br>Rock Island No. 1<br>Harper                            | 903 | Bevier and Mulky               |
| 530 | Ford<br>Lower<br>Lower-Ford<br>Des Moines No. 1<br>Mammoth<br>No. 3 | 940 | Bevier and Whitebreast         |
|     |                                                                     | 945 | Bevier and Summit              |
|     |                                                                     | 987 | Bevier and Wheeler             |
| 539 | Cliffland                                                           |     |                                |

KANSAS

|     |                  |     |                                   |
|-----|------------------|-----|-----------------------------------|
| 437 | Lorton           | 441 | Elmo                              |
| 438 | Nyman            | 442 | Nodaway                           |
| 439 | Blacksmith Creek | 443 | Upper Williamsburg<br>Ransomville |
| 440 | Cedar Creek      |     |                                   |

KANSAS (cont'd)

|     |                                                                                   |     |                                                                                                                   |
|-----|-----------------------------------------------------------------------------------|-----|-------------------------------------------------------------------------------------------------------------------|
| 444 | Williamsburg                                                                      | 497 | Coalvale                                                                                                          |
| 445 | Lower Williamsburg                                                                | 499 | Fleming<br>Mineral Rider<br>Bastard                                                                               |
| 446 | Upper Sibley                                                                      |     |                                                                                                                   |
| 447 | Sibley                                                                            | 504 | Mineral<br>Baxter<br>Lightning Creek<br>Cherry Creek<br>Twenty-two Inch<br>Upper Weir-Pittsburg<br>Upper Cherokee |
| 448 | Lower Sibley                                                                      |     |                                                                                                                   |
| 450 | Ottawa                                                                            |     |                                                                                                                   |
| 451 | Blue Mound                                                                        |     |                                                                                                                   |
| 463 | Thayer                                                                            | 506 | Scammon                                                                                                           |
| 482 | Mulberry                                                                          | 509 | Tebo<br>Pilot                                                                                                     |
| 484 | Lexington                                                                         |     |                                                                                                                   |
| 489 | Summit                                                                            | 513 | Weir-Pittsburg<br>Cherokee<br>Lower Cherokee<br>Lower                                                             |
| 490 | Mulky<br>Bunker Hill<br>Fort Scott<br>Red Coal                                    | 540 | Knifeton                                                                                                          |
|     |                                                                                   | 545 | Rowe                                                                                                              |
| 492 | Bevier<br>Leavenworth<br>Limestone<br>Williams<br>Pioneer<br>Iron Clad<br>Drywood | 553 | Columbus                                                                                                          |
|     |                                                                                   | 557 | Neutral                                                                                                           |
|     |                                                                                   | 562 | Riverton                                                                                                          |
| 496 | Croweburg<br>Cato<br>Fire Clay<br>Huntsinger<br>Mud Seam<br>One Foot              | 797 | Cedar Vale Fm.                                                                                                    |
|     |                                                                                   | 903 | Bevier and Mulky                                                                                                  |
|     |                                                                                   | 904 | Fleming and Mineral<br>Fleming and Baxter                                                                         |

KANSAS (cont'd)

|     |                             |     |                                                                 |
|-----|-----------------------------|-----|-----------------------------------------------------------------|
| 906 | Weir-Pittsburg and Rowe     | 945 | Bevier and Summit                                               |
| 909 | Weir-Pittsburg and Columbus | 966 | Baxter and Limestone<br>Baxter and Bevier<br>Bevier and Mineral |
| 912 | Weir-Pittsburg and Tebo     |     |                                                                 |
| 925 | Knifeton and Rowe           | 979 | Bevier and Tebo                                                 |
| 940 | Bevier and Croweburg        | 987 | Bevier and Wheeler                                              |

MISSOURI

|     |                                                               |     |                                                                                               |
|-----|---------------------------------------------------------------|-----|-----------------------------------------------------------------------------------------------|
| 438 | Nyman                                                         | 495 | Wheeler                                                                                       |
| 441 | Elmo                                                          | 496 | Croweburg<br>One Foot<br>Lower Ardmore<br>Moundville<br>Soadstone<br>Little Tebo<br>Fire Clay |
| 442 | Nodaway                                                       |     |                                                                                               |
| 446 | Upper Sibley                                                  |     |                                                                                               |
| 468 | Ovid                                                          |     |                                                                                               |
| 482 | Mulberry<br>Foster                                            | 499 | Fleming<br>Middle Rich Hill<br>Middle<br>Two Foot                                             |
| 484 | Lexington<br>Mendota                                          |     |                                                                                               |
| 486 | Alvis                                                         | 501 | Robinson Branch                                                                               |
| 489 | Summit                                                        | 504 | Mineral<br>Rich Hill<br>Lightning Creek<br>Lower Rich Hill<br>Chilhowee<br>Brush Hill         |
| 490 | Mulky<br>Honey Creek<br>Lower Fort Scott<br>Macon City<br>Red | 506 | Scammon                                                                                       |
| 492 | Bevier<br>Higbee<br>Huntsville<br>Williams                    | 509 | Tebo<br>Walker                                                                                |

MISSOURI (cont 'd)

|     |                                                                            |     |                                                                                  |
|-----|----------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------|
| 513 | Weir-Pittsburg<br>Cherokee<br>Lower Cherokee<br>Bowen<br>Mammoth<br>Eureka | 904 | Fleming and Mineral<br>Middle and Lower Rich Hill<br>Fleming and Lightning Creek |
| 529 | Bluejacket                                                                 | 906 | Weir-Pittsburg and Rowe<br>Cherokee and Rowe                                     |
| 537 | Drywood                                                                    | 910 | Croweburg and Summit                                                             |
| 540 | Knifeton                                                                   | 912 | Weir-Pittsburg and Tebo                                                          |
| 545 | Rowe<br>Cainsville<br>Montserrat<br>Waverly<br>Jordan                      | 925 | Knifeton and Rowe                                                                |
| 900 | Lexington and Summit                                                       | 940 | Bevier and Croweburg                                                             |
| 902 | Scammon and Summit                                                         | 945 | Bevier and Summit                                                                |
| 903 | Bevier and Mulky                                                           | 966 | Bevier and Mineral<br>Bevier and Rich Hill<br>Bevier and Lightning Creek         |
|     |                                                                            | 979 | Bevier and Tebo                                                                  |
|     |                                                                            | 987 | Bevier and Wheeler                                                               |

MONTANA

|     |            |     |                 |
|-----|------------|-----|-----------------|
| 290 | Coal Ridge | 297 | Elk             |
| 291 | Paunee     | 298 | Garfield        |
| 292 | Odell      | 299 | Ferry           |
| 293 | King       | 300 | Broadus         |
| 294 | Alderson   | 301 | Cache           |
| 295 | Dominy     | 302 | Flowers Goodale |
| 296 | Cook       | 303 | Allen           |

MONTANA (cont 'd)

|                     |                   |
|---------------------|-------------------|
| 304 Terrett         | 325 Mizpah        |
| 305 Patton          | 326 Bear Jaw      |
| 306 Stump           | 327 Shook         |
| 307 Mackin Walker   | 328 Squaw Creek   |
| 308 Moths           | 329 Foster        |
| 309 Contact         | 330 Burley        |
| 310 Snedecker       | 331 Trail Creek   |
| 311 Nicholls        | 332 Big Dirty     |
| 312 Badger          | 333 Upper Tullock |
| 313 Harmon          | 334 Flowers       |
| 314 Powers          | 335 Haddow        |
| 315 Brewster Arnold | 336 Carroll       |
| 316 Carter          | 337 Lane          |
| 317 Elmhurst        | 338 Butterfield   |
| 318 Hercules        | 339 Budka         |
| 319 Divide          | 340 Gaines        |
| 320 Kitty Springs   | 341 Solack        |
| 321 Strevall        | 342 Lower Elvirio |
| 322 Johnson Creek   | 343 Upper Elvirio |
| 323 Hagen           | 344 Stillson      |
| 324 Fivemile        | 345 Pust          |

MONTANA (cont'd)

|     |                      |     |                       |
|-----|----------------------|-----|-----------------------|
| 346 | Prittegurl           | 368 | Ashland E             |
| 347 | Otter                | 369 | Ashland F             |
| 348 | Dunning              | 370 | Ashland X             |
| 349 | Diamond              | 371 | Lee                   |
| 350 | Moorhead No. 5       | 372 | Lay Creek             |
| 351 | Moorhead No. 5-A     | 373 | Wright                |
| 352 | Moorhead No. 6       | 374 | Scobey B              |
| 353 | Moorhead No. 6 Split | 375 | Scobey C              |
| 354 | Moorhead No. 7       | 376 | Scobey D              |
| 355 | Moorhead No. 8       | 377 | Base of Lance         |
| 356 | Moorhead No. 8-A     | 378 | Tongue River Member P |
| 357 | Moorhead No. 9       | 379 | Tongue River Member Q |
| 358 | Moorhead No. 9-A     | 380 | Tongue River Member R |
| 359 | Moorhead No. 9-B     | 381 | Tongue River Member S |
| 360 | Moorhead No. 9-C     | 382 | Lebo Member J         |
| 361 | Moorhead No. 11      | 383 | Lebo Member T         |
| 362 | Moorhead No. 12      | 384 | Tullock Member V      |
| 363 | Moorhead No. 12-A    | 385 | Tullock Member W      |
| 364 | Moorhead No. 12-B    | 386 | Tullock Member X      |
| 365 | Ashland A            | 387 | Tullock Member Y      |
| 366 | Ashland C            | 388 | Hell Creek Member Z   |
| 367 | Ashland D            | 389 | Sidney Nos. A thru F  |

MONTANA (cont 'd)

|     |                      |     |                          |
|-----|----------------------|-----|--------------------------|
| 390 | Sidney No. G         | 783 | Monarch                  |
| 391 | Sidney No. H         | 787 | Roland                   |
| 392 | Sidney No. I-J-K     | 805 | Bull Mountain            |
| 397 | Lanark               | 806 | Mammoth                  |
| 515 | McCleary             | 807 | Carpenter Creek          |
| 517 | Robinson             | 808 | Rosebud                  |
| 520 | Dietz No. 2          | 809 | No. 1                    |
| 524 | Sawyer               | 811 | No. 3                    |
| 525 | McKay                | 812 | No. 4                    |
| 526 | Knoblock             | 814 | No. 5                    |
| 695 | Wall                 | 816 | Belt Creek               |
| 697 | Canyon               | 926 | Anderson and Canyon      |
| 698 | Dietz<br>Dietz No. 1 | 927 | Anderson and Dietz       |
| 699 | Anderson             | 931 | Rosebud and McKay        |
| 701 | Smith                | 933 | Middle and Lower Tullock |
| 702 | Arvada               | 935 | Dietz Nos. 1 and 2       |
| 706 | Felix                | 938 | Moorhead Nos. 8 and 9    |
| 780 | Roundup              | 951 | Smith and Roland         |
| 781 | No. 2                |     |                          |

NEW MEXICO

|     |                                                                                   |     |                           |
|-----|-----------------------------------------------------------------------------------|-----|---------------------------|
| 003 | Menefee Fm.                                                                       | 507 | Upper York Canyon<br>York |
| 004 | Crevasse Canyon Fm.                                                               | 508 | Khoeler                   |
| 005 | Various Beds (5)<br>Menefee and Crevasse Fms.<br>Menefee and Crevasse Canyon Fms. | 509 | Vermejo                   |
| 006 | Fruitland Fm.<br>Various Beds - Fruitland Fm.                                     | 510 | Tin Pan                   |
| 476 | Yellow                                                                            | 771 | Sugarite                  |
| 477 | Fuschia                                                                           | 772 | Yankee                    |
| 478 | Green                                                                             | 773 | Raton                     |
| 479 | Blue                                                                              | 774 | Aztec                     |
| 482 | No. 2                                                                             | 775 | Gibson                    |
| 483 | No. 3                                                                             | 776 | White Ash                 |
| 484 | No. 4                                                                             | 777 | Hogback                   |
| 485 | No. 5                                                                             | 778 | Cook and White            |
| 486 | No. 6                                                                             | 779 | Carthage                  |
| 487 | No. 7                                                                             | 785 | Black Diamond             |
| 488 | No. 8                                                                             | 965 | Blue and Fuschia          |

NORTH DAKOTA

|     |              |     |                  |
|-----|--------------|-----|------------------|
| 561 | Scranton     | 567 | Noonan           |
| 562 | Garner Creek | 568 | Dunn Center<br>I |
| 563 | T Cross      | 569 | Beulah-Zap<br>E  |
| 564 | Harmon       | 571 | D                |
| 565 | Fairman      |     |                  |

NORTH DAKOTA (cont'd)

572 C  
Haynes

574 Coalbank

575 Coteau

577 Garrison Creek

578 Burlington

OKLAHOMA

436 Ralston

437 Lorton

441 Elmo

442 Nodaway

463 Thayer

467 Cedar Bluff

472 Dawson  
Tulsa

484 Lexington

490 Iron Post  
Fort Scott  
Hill  
Lightning Creek  
Mulky

492 Bevier

496 Croweburg  
Broken Arrow  
Henryetta

498 Morris

499 Fleming

503 Eram

504 Mineral  
Welch

507 Sequoyah

509 Tebo  
Pilot

513 Weir-Pittsburg  
Cherokee

521 Pawpaw  
White Oak

527 Secor  
Upper Witteville  
Blocker  
Jones Creek  
Mayberry  
Massey  
Quinton

529 Bluejacket

537 Drywood  
Bellamy

OKLAHOMA (cont'd)

|     |                                                                             |     |                                                                                                 |
|-----|-----------------------------------------------------------------------------|-----|-------------------------------------------------------------------------------------------------|
| 545 | Rowe                                                                        | 903 | Bevier and Mulky<br>Bevier and Iron Post<br>Bevier and Fort Scott<br>Bevier and Lightning Creek |
| 552 | Cavanal<br>Lower Witteville                                                 |     |                                                                                                 |
| 556 | Stigler<br>Upper McAlester                                                  | 904 | Fleming and Mineral<br>Fleming and Welch                                                        |
| 558 | McAlester<br>Lower McAlester<br>Lehigh<br>Coalgate-Lehigh                   | 906 | Weir-Pittsburg and Rowe<br>Cherokee and Rowe                                                    |
| 562 | Upper Hartshorne<br>Riverton                                                | 911 | Lower and Upper McAlester<br>Lehigh and Stigler<br>McAlester and Stigler                        |
| 563 | Lower Hartshorne<br>Atoka<br>Grady<br>Panama<br>McCurtain<br>Hartshorne     | 912 | Weir-Pittsburg and Tebo<br>Cherokee and Tebo                                                    |
| 587 | Baldwin                                                                     | 940 | Bevier and Croweburg<br>Bevier and Broken Arrow<br>Bevier and Henryetta                         |
| 880 | Lower and Upper Hartshorne<br>Atoka and Riverton<br>Hartshorne and Riverton | 966 | Bevier and Mineral<br>Bevier and Welch                                                          |
|     |                                                                             | 979 | Bevier and Tebo<br>Bevier and Pilot                                                             |

OREGON

|     |             |     |   |
|-----|-------------|-----|---|
| 518 | Carter      | 839 | E |
| 519 | Anderson    | 841 | H |
| 837 | Beaver Hill | 845 | J |
| 838 | D           |     |   |

SOUTH DAKOTA

|     |           |
|-----|-----------|
| 275 | Firesteel |
|-----|-----------|

TEXAS

|     |              |     |              |
|-----|--------------|-----|--------------|
| 527 | Sunday Creek | 534 | Chaffin      |
| 528 | Thurber      | 536 | Bull Creek   |
| 529 | Abbott       | 537 | Newcastle    |
| 531 | Bridgeport   | 538 | San Pedro    |
| 532 | Dalton       | 539 | Santo Thomas |

UTAH

|     |                     |     |                     |
|-----|---------------------|-----|---------------------|
| 007 | Mesaverde Coal Zone | 246 | Beckwith            |
| 067 | Carbonera           | 247 | Winchester          |
| 233 | Cottonwood          | 248 | Frontier No. 1      |
| 234 | Upper Bear Canyon   | 249 | Frontier No. 2      |
| 235 | Bob Wright          | 250 | Frontier No. 3      |
| 236 | Wattis              | 251 | Frontier No. 4      |
| 237 | Tank                | 252 | Frontier Zone       |
| 238 | Candland            | 253 | Smirl Zone          |
| 239 | Fish Creek          | 254 | Bald Knoll Zone     |
| 240 | Royal Blue          | 255 | Alvey Zone          |
| 241 | Upper Blackhawk     | 256 | Rees Zone           |
| 242 | Chesterfield        | 257 | Christensen Zone    |
| 243 | Palisade            | 258 | Castle Gate Group   |
| 244 | Sevier              | 259 | Spring Canyon Group |
| 245 | Wilson              | 260 | Lower Zone          |

UTAH (cont'd)

|     |                              |     |                             |
|-----|------------------------------|-----|-----------------------------|
| 261 | Henderson Zone               | 830 | Aberdeen<br>Castle Gate A   |
| 262 | Ferron Zone                  | 832 | Castle Gate B               |
| 263 | Emery Zone                   | 834 | Castle Gate C               |
| 264 | Straight Cliffs Zone         | 836 | Castle Gate D<br>Kenilworth |
| 265 | John Henry Member            | 840 | Subseam No. 1               |
| 266 | Smoky Hollow Member          | 842 | Subseam No. 2               |
| 267 | Nelson Member                | 843 | Subseam No. 2-1/2           |
| 268 | Upper Culver Zone            | 844 | Subseam No. 3               |
| 269 | Lower Culver Zone            | 846 | Hiawatha<br>King-Hiawatha   |
| 270 | Lower Zone - Orderville Area | 847 | Upper Hiawatha              |
| 271 | Upper Mesaverde              | 848 | Ivie                        |
| 272 | Middle Mesaverde             | 849 | Upper Ivie                  |
| 273 | Lower Mesaverde              | 850 | Wasatch                     |
| 274 | Ballard Zone                 | 851 | Muddy No. 1                 |
| 504 | A Minus                      | 852 | Ferron A                    |
| 505 | Lilac                        | 853 | Ferron J                    |
| 511 | Tropic Dakota Interval       | 854 | Muddy No. 2                 |
| 674 | Upper Sunnyside              | 855 | Blind Canyon                |
| 800 | Sunnyside                    | 856 | Bear Canyon                 |
| 802 | Lower Sunnyside              | 878 | A and B (Kane County)       |
| 820 | Rock Canyon                  |     |                             |
| 825 | Gilson                       |     |                             |

UTAH (cont'd)

|     |                                 |     |                            |
|-----|---------------------------------|-----|----------------------------|
| 886 | Hiawatha and Bear Canyon        | 911 | Castle Gate A and Hiawatha |
| 887 | Castle Gate B and Subseam No. 1 | 912 | Castle Gates A and B       |
| 892 | C and D (Kane County)           | 918 | Lower and Upper Sunnyside  |
| 899 | Blind Canyon and Hiawatha       | 929 | Muddy Nos. 1 and 2         |
| 905 | Castle Gates A and D            | 993 | Rock Canyon and Fish Creek |
| 907 | Castle Gates C and D            | 996 | Wasatch and Dry Hollow     |
| 908 | Castle Gate B and Subseam No. 3 |     |                            |

WASHINGTON

|     |                  |     |                       |
|-----|------------------|-----|-----------------------|
| 393 | Blue Canyon      | 411 | Shoo Fly              |
| 394 | Lake Watcom      | 412 | Newenham              |
| 395 | Bellingham No. 2 | 413 | Senior                |
| 396 | Glacier          | 414 | Springbrook           |
| 400 | Green No. 7      | 415 | Sunbeam               |
| 402 | No. 1            | 416 | Cavanaugh No. 2       |
| 403 | No. 2            | 417 | Discovery             |
| 404 | No. 3            | 418 | Ryan No. 1            |
| 405 | No. 4            | 419 | New Lake Youngs No. 2 |
| 406 | No. 5            | 420 | Cedar Mountain No. 1  |
| 407 | No. 6            | 421 | Cedar Mountain No. 2  |
| 408 | Dolly Varden     | 422 | Kummer No. 4          |
| 409 | May Creek        | 423 | Dalt No. 4            |
| 410 | Muldoon          | 424 | Harris                |

WASHINGTON (cont'd)

|                        |                      |
|------------------------|----------------------|
| 425 Dale No. 7         | 447 Pocahontas       |
| 426 Gem                | 448 Frazier          |
| 427 Kummer No. 1       | 449 Ravensdale No. 9 |
| 428 Kummer No. 0       | 450 Eight Foot       |
| 429 Fulton No. 12      | 451 Ravensdale No. 5 |
| 430 Franklin No. 10    | 452 Landsburg No. 1  |
| 431 Occidental No. 1   | 453 Ravensdale No. 4 |
| 432 Carbon             | 454 Six Foot         |
| 433 Eureka             | 455 Ravensdale No. 3 |
| 434 Navy No. 6         | 456 Dutch            |
| 435 Sunset No. 1       | 457 Victory          |
| 436 Occidental No. 2   | 458 Elk No. 1        |
| 437 Carbon Bayne No. 3 | 459 Big Elk          |
| 438 Navy No. 4         | 460 Elk No. 2        |
| 439 Sunset No. 2       | 461 Wilkeson No. 5   |
| 440 Durham No. 2       | 462 Wilkeson No. 4   |
| 441 Occidental No. 3   | 463 Wilkeson No. 3   |
| 442 Carbon Bayne No. 2 | 464 Wilkeson No. 2   |
| 443 Sunset No. 7       | 465 Wilkeson No. 1   |
| 444 Occidental No. 6   | 466 Wilkeson No. 7   |
| 445 Carbon Bayne No. 1 | 467 Carbonado No. 5  |
| 446 Occidental No. 14  | 468 Carbonado No. 8  |

WASHINGTON (cont 'd)

|     |                |     |                                     |
|-----|----------------|-----|-------------------------------------|
| 469 | Morgan No. 7   | 497 | Upper Thompson                      |
| 471 | Crocker        | 498 | Lucas Creek                         |
| 472 | Burnt          | 499 | Ladd No. 2                          |
| 473 | Snell          | 500 | Ladd No. 3                          |
| 474 | Black Carbon   | 501 | Ladd No. 4                          |
| 475 | Nisqually      | 502 | Leavell                             |
| 478 | No. 7          | 503 | Cherry Creek                        |
| 479 | No. 8          | 504 | Red Ash                             |
| 480 | No. 10         | 505 | Silver Lake                         |
| 481 | No. 11         | 506 | Walker                              |
| 482 | No. 12         | 507 | Cedar Creek No. 1                   |
| 484 | Blacksmith     | 508 | Cedar Creek No. 2                   |
| 485 | McNeill        | 509 | Cedar Creek No. 3                   |
| 487 | Black Bear     | 510 | Big Ben                             |
| 488 | D and F        | 821 | Big<br>Big Dirty<br>Big Dirty No. 1 |
| 489 | Golden Glow    | 823 | Roslyn<br>Roslyn No. 5              |
| 490 | Little Dirty   | 824 | Plant No. 6<br>Roslyn No. 6         |
| 491 | Lower Thompson | 826 | Bagley                              |
| 492 | Mendota        | 827 | Dale                                |
| 493 | Penitentiary   | 828 | McKay                               |
| 494 | Smith          | 829 | Jones                               |
| 495 | Tono No. 1     |     |                                     |
| 496 | Tono No. 2     |     |                                     |

WASHINGTON (cont'd)

|     |                                        |     |                                                                          |
|-----|----------------------------------------|-----|--------------------------------------------------------------------------|
| 831 | Bellingham No. 1                       | 962 | Roslyn and Roslyn No. 6<br>Roslyn Nos. 5 and 6<br>Roslyn and Plant No. 6 |
| 833 | Roslyn No. 8<br>Wright No. 8           |     |                                                                          |
| 960 | Bagley and May Creek                   | 967 | Numbers 2 and 5                                                          |
| 961 | Roslyn and Big<br>Roslyn No. 5 and Big | 969 | Numbers 4 and 5                                                          |

WYOMING

|     |                    |     |                        |
|-----|--------------------|-----|------------------------|
| 276 | Bed Below Healy    | 687 | Upper Cameron          |
| 277 | Bed Below Murray   | 688 | Timar                  |
| 278 | Bed Below Ucross   | 689 | Schuman                |
| 279 | Bed Above Healy    | 691 | Healy                  |
| 280 | Bed Above Walters  | 692 | Walters                |
| 281 | Bed Below Schuman  | 694 | Monument Peak          |
| 282 | Bed Above Cameron  | 695 | Wall                   |
| 398 | No. 65             | 697 | Canyon                 |
| 399 | No. 80             | 698 | Dietz No. 1            |
| 401 | No. 82             | 699 | Anderson               |
| 506 | Rock Springs No. 8 | 701 | Smith                  |
| 522 | Badger             | 702 | Arvada                 |
| 523 | School             | 706 | Felix                  |
| 681 | Ucross             | 707 | Scott                  |
| 682 | Murray             | 708 | Lower Ulm<br>Ulm No. 2 |
| 684 | Dry Creek          | 782 | Adaville               |
| 685 | Lower Cameron      | 783 | Monarch                |

WYOMING (cont 'd)

|                            |                                                    |
|----------------------------|----------------------------------------------------|
| 784 Carney                 | 803 Willow Creek                                   |
| 786 Masters                | 804 Hanna No. 1                                    |
| 787 Roland                 | 817 Hanna No. 2                                    |
| 789 Rock Springs No. 4     | 818 Hanna No. 3                                    |
| 790 Rock Springs No. 3     | 819 Hanna No. 5                                    |
| 791 Rock Springs No. 1     | 926 Anderson and Canyon                            |
| 792 Rock Springs No. 7-1/2 | 927 Anderson and Dietz<br>Anderson and Dietz No. 1 |
| 793 Rock Springs No. 9     | 935 Dietz Nos. 1 and 2                             |
| 794 Rock Springs No. 7     | 951 Smith and Roland                               |
| 795 Rock Springs No. 10    | 952 Monarch and Carney                             |
| 796 Rock Springs No. 11    | 953 Rock Springs Nos. 1 and 3                      |
| 797 Rock Springs No. 15    | 954 Rock Springs Nos. 10 and 15                    |
| 798 Van Dyke               | 955 Hanna Nos. 2 and 79-A                          |
| 801 Kemmerer               | 977 Lower and Upper Cameron                        |