

COLORADO GEOLOGICAL SURVEY

Information Series IS-58 Colorado Coal Quality Data

INTRODUCTION

This report, published in 2000, provides verified coal quality data collected by the CGS as part of the National Coal Resources Data System (NCRDS). The report contains five separate databases of coal chemical and petrographic data. Carol M. Tremain Ambrose, Wynn Eakins, Janet E. Schultz, and Bruce S. Kelso, all formerly of the Mineral Resources Section of the CGS are listed as compilers of this report. Janet Schultz completed the final compilation of the databases and wrote the descriptions of the databases for this report. The objective of this publication is to provide geological information to resource developers, government planners, and interested citizens.

Funding for this project came from the United States Geological Survey-NCRDS program and the Colorado Department of Natural Resources Severance Tax Operational Fund. Severance taxes are derived from the production of gas, oil, coal, and minerals.

HOW TO USE THIS ZIP FILE

To open the compressed (.zip) file that you downloaded, double-click on the file. Inside the folder labeled **IS-58**, there are a number of files and folders. One file is in Adobe Portable Document (.pdf) format. Microsoft Access and Excel (.mdb and .xls) data are also included.

HOW TO IDENTIFY AND READ FILES

REPORT DOCUMENTS

- **IS-58-Read_Me.pdf**
This file
- **IS-58-Report.pdf**
Includes an overview of the project and instructions on use of the database
- **IS-58-db.mdb**
Microsoft Access database, includes five tables: BMALYT, CHEMALYT, MINEALYT, PETALYT and USALYT
- **IS-58-db.xls**
Microsoft Excel database, includes five worksheets: BMALYT, CHEMALYT, MINEALYT, PETALYT and USALYT

To view .pdf files

If you don't already have Adobe Reader installed on your device, visit <https://get.adobe.com/reader/> to download a free version of the software. Then, start Adobe Reader and choose "File," "Open," and locate the .pdf files where you downloaded them, they will open in Adobe Reader.

To view .mdb and .xls files

Databases may be opened in Microsoft Access (.mdb) and Microsoft Excel (.xls), respectively. Each database is sorted first by County, then by Range and then by Township. Each database also contains the 7.5-minute quadrangle name, locations in latitude and longitude in degrees, minutes, seconds and decimal. The negative sign on the longitude indicates the longitude is west of the Greenwich meridian (Western Hemisphere). Longitude and latitude were calculated from the geographic locations given in the referenced publications.

Each record has a Lab ID number that is unique to that record. These Lab ID numbers precede the Proximate Analyses. The PETALYT database contains neither Proximate nor Ultimate Analyses.

Information specific to a mine, drill hole, or sample are grouped together. Analyses are grouped together, as are geology and geographic information. References and the name of the database file are at the end of the Excel spreadsheet and Access menu. See the Data Dictionary for the details included in each database.

For further information or assistance visit or call the Colorado Geological Survey at:

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