



NBMG Mining District Files

A guide to using the Mining Districts interactive map to search the database files

OVERVIEW:

Creation of map services and interactive maps are an important component of the Nevada Bureau of Mines and Geology mission. Interactive maps are developed as a tool for users who may not have access to their own datasets or GIS software. Users can download specific databases, excel files and PDF's, search layer information, and view updated data without any special skill other than internet familiarity.

The Mining District Files consist largely of historical and current maps, reports, articles, photographs, correspondence, assays, production reports, and reserve information on all aspects of mining in Nevada. These have largely been donated to the NBMG over the years from individuals, companies, and other government agencies. The files were originally created, named, and numbered using NBMG Map 37, Metal Mining Districts of Nevada (Schilling, 1976), as an index. In this system, the files are divided alphabetically by county and then alphabetically by district name within each county. Each district has a file, and each county has a general file for things that cannot easily be included in a district file. Map 37 has been superseded by NBMG Report 47, Mining Districts of Nevada, (Tingley, 1998), which is much more complete. The current mining district naming convention used in this index is based on Report 47.

Over the last several years NBMG has undertaken the digital conversion of these paper documents into scanned images. The files contained here are in PDF file format. The digital file conversion project at NBMG is ongoing. Some records are copyrighted and have no link associated with them in the search results. However, these documents are available for viewing at GBSSRL. The information within this interactive map should be considered preliminary – it has not been thoroughly edited or checked for completeness or accuracy.

Descriptions of map tools used in the Mining Districts interactive map can be found below:

- [Map layout](#)
- [Query widget \(Search the Mining Districts\)](#)
- [Layer list](#)

MAP LAYOUT:

General layout of the Mining Districts Interactive Map

The screenshot shows the Mining Districts Interactive Map interface. The main map area displays mining districts in Nevada, with labels for various geographical features like the Cascade Range, Great Basin, and Mojave Desert. The interface includes a search bar at the top left, a toolbar with icons for information, home, and zoom, and a search widget on the right side. The search widget is titled "Search the Mining Districts" and contains several input fields for query criteria, a "Result layer name" field, and an "Apply" button.

Information

Helpful links

Query widget

Layer list

Map key

Change basemap

Save/print PDF

Measure tool

Mining Districts of Nevada

Nevada Bureau of Mines and Geology Mining Districts of Nevada Metal Mining Districts of Nevada

Search the Mining Districts

Tasks Results

Mining Districts Database Query

Query criteria

District contains

Acoma

County contains

Utah Test and Training Range-South

Lander

Dugway Proving Ground

Title contains

"Geology of Contact Nevada"

Author contains

Tingley

PMC contains

Black Warrior

Commodities contains

Silver

Notes contains

Geology

1=1

Result layer name

Mining Districts Database Query_Query result

Apply



QUERY WIDGET (SEARCH THE MINING DISTRICTS):

Search the Mining Districts

Tasks Results

Mining Districts Database Query

Query criteria

District contains

Acoma

County contains

Lander

Title contains

"Geology of Contact Nevada"

Author contains

Tingley

PMC contains

Black Warrior

Commodities contains

Silver

Notes contains

Geology

UPPER(district) LIKE '%CARSON SINK%'

Result layer name

Apply

The query widget enables users to search the Mining District Files by specific fields including district name, county, title, author, date, PMC name, commodity, and notes. The user may search all or one of the fields provided in the text search area of the query widget. This widget is open by default when the web application is first launched.

Once all fields you wish to search have been filled out, hit the enter key on your keyboard, or select “apply” to run the query.

Additionally, users can select to name the results layer in this step by entering a title in the result layer name box at the bottom of the widget. In this example, we have named our result layer Carson Sink to reflect the district we are searching for.

Once a query is executed, the results will display in the query widget window along the right side of the map. The number of records returned will be shown at the top. In this case, 24 features were returned with this query.

The screenshot shows a window titled "Search the Mining Districts" with a search bar containing "Carson Sink" and a dropdown menu icon circled in blue. Below the search bar, it says "Displayed features: 24/24". The results are listed in a scrollable view, showing details for "Carson Sink" records, including links to PDFs, district numbers, counties, titles, authors, publication dates, PMCs, and commodities. A "Mining Districts" link is also present for each record.

Click this button to minimize all records in this list.

Users can scroll through this list to select records they are interested in or use the three dots (circled here) to view other options.

- Export to CSV file
- Statistics...
- View in Attribute Table
- Remove this result
- Show all related records

Clicking "View in Attribute Table" will enable users to view all of the results in a table, rather than in the query widget.

Clicking "Show all related records" will highlight and zoom to all of the districts on the map where corresponding records can be found.

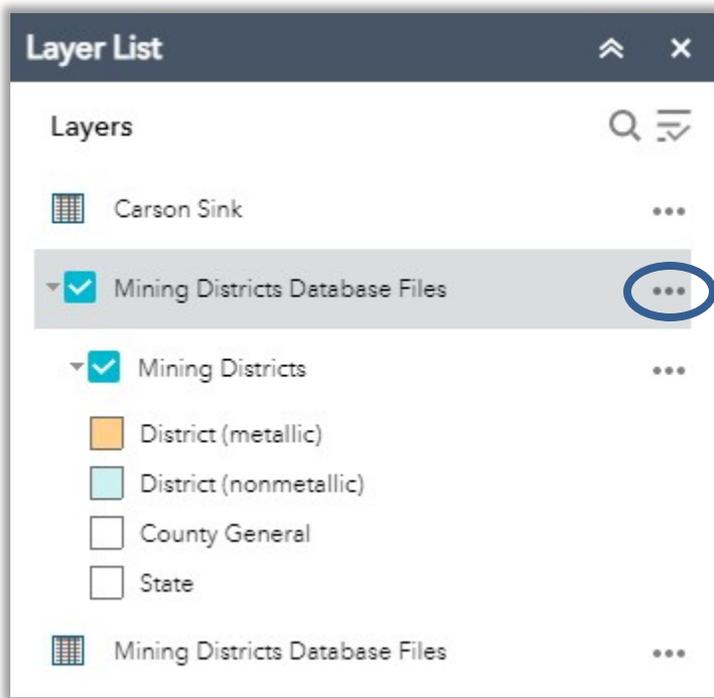
Users can also export this layer to a CSV file for personal use.

Clicking the more info link will take users to the document for that specific record.



LAYER LIST:

All layers in this application are expanded by default. Use the check boxes next to the layers to show or hide map layers. When the layers are fully expanded, the symbology is revealed. If you have run a query using the query widget, the results table will also appear in the layer list.



Use dropdown menu (accessed by clicking the three dots next to the layer) for more options such as adjusting transparency, viewing the service description, or viewing attribute tables.

