



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 Map 37 has been superseded by NBMG Report 47, Mining Districts of Nevada, (Tingley, 1998), which is much more complete.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](#)
- [Enhanced search widget](#)
- [Layer list](#)

MAP LAYOUT:

General layout of the Mining Districts Interactive Map

Navigation and zooming

Useful tools

Links to more info

Coordinates of cursor

Basemap and layer options

Enhanced search widget

Search results table

MINING DISTRICT DATABASE FILES
Nevada Bureau of Mines and Geology

Latitude: 44.725288 Longitude: -126.500161

Enhanced Search Widget

Search Layer: Mining Districts

Search Layer Field: Districts

Search District Files:

Search District Name:

Search County:

Search Title:

Search Author:

Search Date:

Search PMC Name:

Search Commodity:

Search All Fields:

Search Clear

Search Results

District	Document	Document No.	County	Title
CONTACT (KIT CARSON, PORTOR, SALMON RIVER)	Go to PDF	12100183	ELKO	1990-91 EXPLORATION PROG
CONTACT (KIT CARSON, PORTOR, SALMON RIVER)	Go to PDF	12100182	ELKO	1992 EXPLORATION PROGRAM
CONTACT (KIT CARSON, PORTOR, SALMON RIVER)	Go to PDF	12100181	ELKO	1990-91 EXPLORATION PROG
CONTACT (KIT CARSON, PORTOR, SALMON RIVER)	Go to PDF	12100179	ELKO	REFERENCE LIST
CONTACT (KIT CARSON, PORTOR, SALMON RIVER)	Go to PDF	12100175	ELKO	REFERENCE NOTE
CONTACT (KIT CARSON, PORTOR, SALMON RIVER)	Go to PDF	12100173	ELKO	ELKO COUNTY, CONTACT (KIT
CONTACT (KIT CARSON, PORTOR, SALMON RIVER)	Go to PDF	12100172	ELKO	ELKO COUNTY, CONTACT DIST
CONTACT (KIT CARSON, PORTOR, SALMON RIVER)	Go to PDF	12100171	ELKO	ELKO COUNTY, SALMON DISTR
CONTACT (KIT CARSON, PORTOR, SALMON RIVER)	Go to PDF	12100169	ELKO	MINF MAPS

Auto hide

Export...



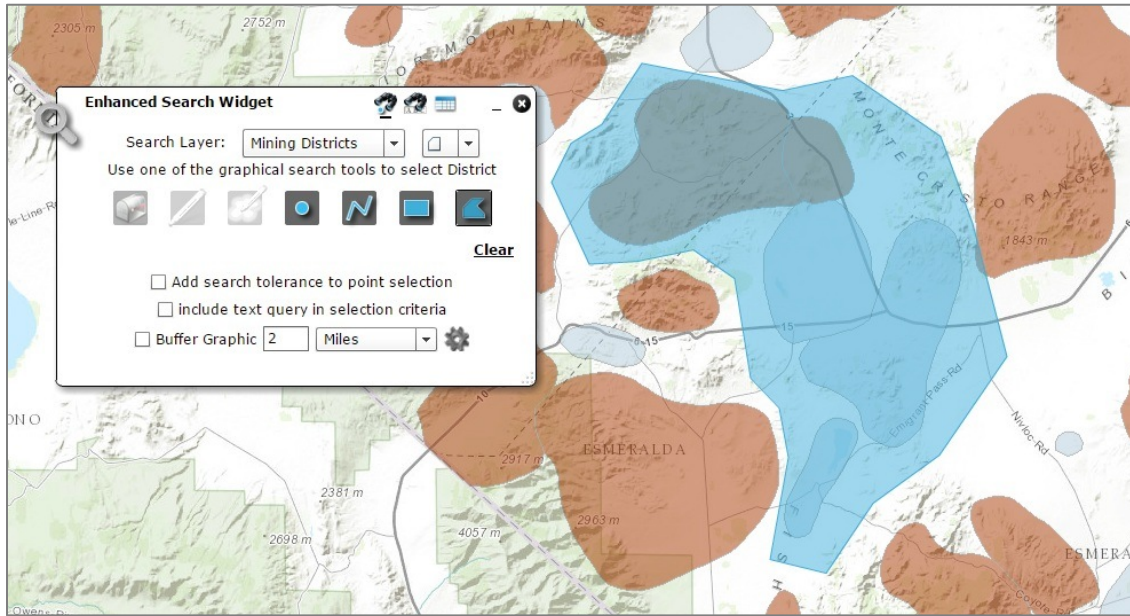
ENHANCED SEARCH WIDGET:

The Enhanced Search Widget enables users to search the Mining District Files by specific fields including District Name, County, Title, Author, Date, PMC Name, and Commodity. Also included is the “All Fields” search box which users can use to query any of the aforementioned fields as well as notes, or metallic and nonmetallic districts. This search tool is configured to search the district files in the same way the original mining districts search page worked. The only difference is the spatial (map) component.

The screenshot shows the 'Enhanced Search Widget' interface. It features a title bar with a magnifying glass icon and standard window controls. Below the title bar, there are two dropdown menus: 'Search Layer: Mining Districts' and 'Search Layer Field: Districts'. A 'Search District Files:' label is positioned above a series of search fields. These fields include: 'Search District Name:' (text input), 'Search County:' (dropdown menu), 'Search Title:' (text input), 'Search Author:' (text input), 'Search Date:' (text input), 'Search PMC Name:' (text input), 'Search Commodity:' (text input), and 'Search All Fields:' (text input). At the bottom of the widget are 'Search' and 'Clear' buttons. On the right side, four callout lines point to specific elements: 'Results' points to the top right corner, 'Text search (default)' points to the 'Search Layer Field' dropdown, 'Graphical search' points to the 'Search District Files:' label, and 'Select layer to search: Districts, County General, or State files,' points to the 'Search Layer' dropdown.

The user may search all or one of the fields provided in the text search area of the Enhanced Search Widget. There are three different layers that are searchable within this application: Districts, County General, and State of Nevada files. Please note that County General files are those files that fall within a county, but not necessarily a district. There are minimal records for the State of Nevada files and as a result, the search fields are limited. NOTE: we are in the process of checking the database for errors and it should be noted that several misspellings and incorrect county names are included in the “Search County” drop down field.

In addition to using the text search to locate documents, the user can also use the graphical search tool to find records.



The graphical search tool allows the user to search the district files by drawing a point, line, rectangle, or polygon (shown) on the map. This is useful if the user knows of a specific geographic area of interest but other information is unknown.

Once a search is executed, the results will display in the search results table, within the results tab in the enhanced search widget, and will be highlighted on the map.

MINING DISTRICT DATABASE FILES
Nevada Bureau of Mines and Geology

Latitude: 39.101487 Longitude: -119.856300

Enhanced Search Widget
Features Selected: 226
County: CARSON CITY

CARSON CITY
Document No.: 9600041
County: CARSON CITY
Title: MAP OF THE STOCK HOUSE
Author: BOYLE, E.D.
Date: 1908
PMC: NEVADA GYPSUM
Commodity:

CARSON CITY
Document No.: 9600043
County: CARSON CITY
Title: PRELIMINARY PLAT OF PROPOSED AREA TO BE CONTOURED, MOUND HOUSE
Author: BENDER, E.A.
Date: 1912
PMC:
Commodity:

CARSON RIVER
Document No.: 9700001
County: CARSON CITY
Title: LAND PATENT; T15N, R21E, S6, S1/2, S1/2, S1/2, LOT 2, SW1/4, S7, N1/2, LOT 2 NW1/4, S7 NW1/4, N1/2, S1/2, N1/2, LOT 2 NW1/4
Author: EYLF, L.F.
Date: 1995
PMC:
Commodity:

District	Document	Document No.	County	Title	Author	Date	File Size	PMC	Commodity
CARSON CITY	Go to PDF	9600043	CARSON CITY	PRELIMINARY PLAT OF PROPOSED AREA TO BE CONT	BENDER, E.A.	1912			
CARSON CITY	Go to PDF	9600041	CARSON CITY	MAP OF THE STOCK HOUSE	BOYLE, E.D.	1908		NEVADA GYPSUM	
CARSON CITY	Go to PDF	9600045	CARSON CITY	THE SETTING PLAN FOR RETURN FLUE CALCINING KEI		1905			
CARSON CITY	Go to PDF	9600017	CARSON CITY	CROSS SECTION X-X' AND Y-Y'	EVENS, P.	1966	FLAT FILE		
CARSON CITY	Go to PDF	9600016	CARSON CITY	CROSS SECTION E-E'	EVENS, P.	1966	FLAT FILE		
CARSON CITY	Go to PDF	9600033	CARSON CITY	MAP OF FRONT ELEVATION IN THE REGRIND ROOM				NEVADA GYPSUM	
CARSON CITY	Go to PDF	9600014	CARSON CITY	CROSS SECTION A-A' AND B-B'	EVENS, P.	1966	FLAT FILE		
CARSON CITY	Go to PDF	9600013	CARSON CITY	MAP OF THE CARSON AREA	RAPID RECONNAISSA	1966			
CARSON CITY	Go to PDF	9600015	CARSON CITY	CROSS SECTION C-C' AND D-D'	EVENS, P.	1966	FLAT FILE		

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The search results table is available for export and can be saved to your computer and viewed in your personal Excel.

Link to PDF document if available

District	Document	Document No.	County	Title	Author	Date	File Size	PMC	Commodity	Notes	Document Location
CARSON CITY	Go to PDF	9600043	CARSON CITY	PRELIMINARY PLAT OF PROPOSED AREA TO BE CONT	BENDER, E.A.	1912				SCALE 1 INCH = 50 FEET; ORIGINALLY PUT INTO CARSON	UNR, KC-SPECIAL COLLECTIONS
CARSON CITY	Go to PDF	9600041	CARSON CITY	MAP OF THE STOCK HOUSE	BOYLE, E.D.	1908		NEVADA GYPSUM		SCALE 1 INCH = 4 FEET; SHOWS SECTION THROUGH SOU	UNR, KC-SPECIAL COLLECTIONS
CARSON CITY	Go to PDF	9600045	CARSON CITY	THE SETTING PLAN FOR RETURN FLUE CALCINING KET		1905				SCALE 1 INCH = 2 FEET	UNR, KC-SPECIAL COLLECTIONS
CARSON CITY	Go to PDF	9600017	CARSON CITY	CROSS SECTION X-X' AND Y-Y'	EVENS, P.	1966	FLAT FILE			FF NOT OVERSIZED; M-1E; IN COLOR	UNR, KC-SPECIAL COLLECTIONS
CARSON CITY	Go to PDF	9600016	CARSON CITY	CROSS SECTION E-E'	EVENS, P.	1966	FLAT FILE			FF NOT OVERSIZED; M-1D; IN COLOR	UNR, KC-SPECIAL COLLECTIONS
CARSON CITY	Go to PDF	9600033	CARSON CITY	MAP OF FRONT ELEVATION IN THE REGRIND ROOM				NEVADA GYPSUM		ORIGINALLY PUT INTO CARSON CITY DISTRICT, 0960	UNR, KC-SPECIAL COLLECTIONS
CARSON CITY	Go to PDF	9600014	CARSON CITY	CROSS SECTION A-A' AND B-B'	EVENS, P.	1966	FLAT FILE			FF NOT OVERSIZED; M-1B; IN COLOR	UNR, KC-SPECIAL COLLECTIONS
CARSON CITY	Go to PDF	9600013	CARSON CITY	MAP OF THE CARSON AREA	RAPID RECONNAISSAI	1966				SCALE 1 INCH = 2000 FEET; M-1A; PROVIDES LEGEND	UNR, KC-SPECIAL COLLECTIONS
CARSON CITY	Go to PDF	9600015	CARSON CITY	CROSS SECTION C-C' AND D-D'	EVENS, P.	1966	FLAT FILE			FF NOT OVERSIZED; M-1C; IN COLOR	UNR, KC-SPECIAL COLLECTIONS

Auto hide option

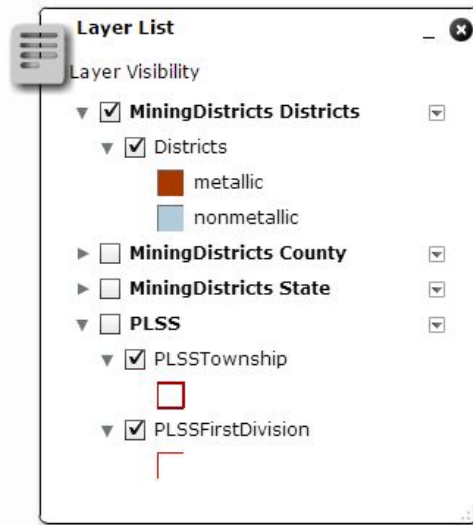
Export options

Within the table are all of the same columns that the user would see after running a search using the original mining district search. The width of these columns can be adjusted by placing the cursor over the column division between headers and dragging to expand or contract. The table is set to automatically hide once the cursor is no longer hovering over it – this option can be disabled by unchecking the auto hide box located in the bottom left of the table. If a row is selected, the map will zoom to the corresponding location and highlight the district. The document is linked under “Go to PDF” in the document column. If this column is black, it simply means that no record is available online. The number in the Document No. column is the corresponding document number and in some cases may be located or searchable by staff at the Great Basin Science Sample and Records Library.



LAYER LIST:

Expand to show selectable map layers and use check boxes to make visible on map. When the layers are fully expanded, the symbology is revealed.



County and state boundaries and records are turned off by default; however, these layers are still searchable from within the Enhanced Search Widget.

PLSS data is also available for this map. However, since the layers are fairly large they are turned off by default. The user may turn on PLSS layers by selecting the check boxes next to the layer. It should be noted that the sections layer is scale dependent and will only show up when the user zooms into the map beyond a certain point.

Use dropdown menu for more options such as adjusting transparency, viewing the service description, and moving the layer above or below the others.

