Nevada Division of Minerals

New Additions to the Nevada Division of Minerals Open Data Site, and an Overview of the Nevada Mineral Explorer
Nevada Division of Minerals (NDOM)

- State Agency and part of the Commission on Mineral Resources (7 members appointed by Governor)
- Offices in Carson City (8 employees) and Las Vegas (3 employees)
- Fee funded with no general fund monies. Revenue is derived from mining claim fees, fluid mineral permit fees, BLM and USFS grants, and one-time surface disturbance fees.
NDOM – what we do by statute

- **NRS 513**
  - Abandoned Mine Lands Program
  - Public information and minerals education
  - Annual mineral, geothermal and oil production reporting
  - Advise and recommend mineral policy to Governor and Legislature (*act as cooperating State agency on Federal Land withdrawal NEPA actions when requested*)

- **NRS 517: Mining Claims, Mill sites and Tunnel rights**
- **NRS 519A.290: State Reclamation Bond Pool**
- **NRS 522 Oil and Gas**
  - Well permitting, drilling and completion compliance, conservation of resource
- **NRS 534A: Geothermal Resources**
  - Well permitting, drilling and completion compliance, conservation of resource
- **NRS 534B: Dissolved Mineral Resource Exploration**
  - Borehole approval, well permitting, drilling and completion compliance, protection of other fluid mineral resources
**Emergency Measures Relating to COVID-19**

Effective Monday, March 16, 2020 our offices will be closed to the public until further notice in an effort to create social distancing due to the COVID-19 virus.

The Governor has shared that the health, safety, and well-being of Nevada's citizens and state employees need to come first during this time.

Our Carson City office will remain open with limited staff to process billing statements, permit applications and sundries, answer phone calls and respond to emails; however, our Las Vegas office will be closed until further notice.

Most staff members will be telecommuting from home and may be reached using our Contact Us page. Office phone lines may be temporarily disrupted due to high call volume. Please contact staff members directly using their cell phone number.

Thank you for your patience and understanding.
Programs

Abandoned Mine Lands (AML)

Bond Pool (Reclamation)

Dissolved Mineral Resource Exploration (DMRE)

Education and Outreach

Geothermal

Mining

Oil & Gas

PROGRAMS

- Abandoned Mine Lands (AML)
- Bond Pool (Reclamation)
- Dissolved Mineral Resource Exploration (DRME)
- Education & Outreach
- Geothermal
- Mining
- Oil & Gas
GEOTHERMAL

The Nevada Division of Minerals is the state’s regulatory authority for all geothermal wells drilled in Nevada. Geothermal wells drilled within Nevada, on either private or federally managed lands, must be permitted by the Nevada Division of Minerals. The associated drilling and completion programs must be approved by the Division before either program is implemented. The Division oversees the drilling and subsequent completion operations through daily reporting to the Division by the operator, as well as inspect the wells after they are completed. The Division must also approve all maintenance and work-over operations during the life of the well, as well as the final plugging and abandonment of a well at the end of its useful life. Geothermal production and injection information is submitted to the Division on a monthly basis, where the information is tabulated both monthly and annually.

- Nevada Geothermal Power Plants 2019
- Nevada Active Mines and Energy Producers 2019

Nevada Geothermal Resources and Production

Nevada’s geothermal resources are utilized in three major ways. The geothermal resources are used to generate electricity, for space heating, and commercial applications.

- NV Geothermal Production Summary - 2019
- NV Geothermal Power Production and Price 2019

Electrical Generation

Nevada’s geothermal electrical generation plants are located predominantly in the northern portion of the State. Nevada’s geothermal plants can theoretically generate up to 827 megawatts...
MINING

The Division of Minerals is tasked with encouraging and assisting in the exploration and production of minerals in Nevada, as well as maintaining a record of all mining operations and their annual production. Information beneficial to the minerals industry is collected and disseminated through this website, outreach events, and various publications, including those of the Nevada Bureau of Mines and Geology. The Division also provides information and the necessary forms to properly record the location or maintenance of a mining claim, mill site, or tunnel right.

- [Nevada Agencies Involved With Mining](#)

Gold and Silver Price and Production

- [Gold - Price and Production 2019](#)
- [Silver - Price and Production 2019](#)

Nevada Production

- [Metallic Production by Mine 2019](#)
- [Metallic Production by Producer 2019](#)
- [Total Mineral Production by Commodity 2019](#)
- [Minerals and Energy Production Values 1978-2019](#)
ABANDONED MINE LANDS (AML)

AML Program

The Division of Minerals is legislatively mandated to conduct the State's AML program to identify inactive mines, rank their degree of hazard, and carry out activities to secure these sites, be it through owners or Division staff. The Division also conducts an extensive public awareness and education campaign focused on the dangers in and around abandoned mines.

- AML Hazard Information
- AML Education and Outreach

About Abandoned Mines

Hazardous abandoned mines are found throughout Nevada and pose a significant risk to human and animal life. These mining features can be shafts, adits (horizontal openings), open pits, or stopes and are very unstable due to their age and can be difficult to see when exploring Nevada. Please be careful - know the hazards and what to look for. Being uninformed may result in accidental injury or death. Stay Out and Stay Alive!

A Brief History of Mining in Nevada

Modern mining in Nevada began in 1849 when a Mormon wagon train on their way to California discovered placer gold near present day Dayton. The placer discovery led prospectors to work upstream towards the site now known as Virginia City, and eventually to the discovery of the great Comstock Lode in 1859. When Nevada first became a state, mining was the main contributor to the economy and continues to be one of the top industries in the state today. The vast majority of the abandoned mines in Nevada were in operation before the surface
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Employment Announcement(s)
- (None at this time.)
- How To Apply for a State Job

Education Workshop(s)
- 31st Annual Southern Nevada Earth Science Education Workshop 2020
  - Date(s): 04/07/2020 - 04/08/2020
  - Location: Faith Lutheran Jr/Sr High School (pending verification)
  - Registration Direct Link: (registration not available at this time)
  - Nevada Mining Association’s Mineral Education Workshops page: https://www.nevadamining.org/mineral-education-workshops/

Request for Public Records
- NDOM Request for Public Records form

Important Links, Nevada Division of Minerals
- Open Data Site-GIS files, NDOM
- State and Federal Permits Required Before Mining or Milling Can Begin - February 2015
- YouTube Channel, NDOM

Other Important Links
- Comparison of Federal and State Small Exploration and Small Mining Project Authorities
- Nevada Bureau of Mines and Geology

Programs
- Abandoned Mine Lands
- Reclamation Area
- Dissolved Mineral Resource Exploration
- Education & Outreach
- Geothermal
- Mining
Nevada Division of Minerals Open Data Site

Mission: To encourage and assist in the responsible exploration for, and the production of, minerals, oil, gas, and geothermal energy which are economically beneficial to the state. This is the Nevada Division of Minerals’ public platform for exploring and downloading our open data.

Disclaimer

The Nevada Division of Minerals (NDOM hereafter) assumes no responsibility for errors or omissions. No warranty is made by NDOM as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data; nor shall the act of distribution to contractors, partners, or beyond, constitute any such warranty for individual or aggregate data use with other data. In no event shall NDOM have any liability whatsoever for payment of any consequential, incidental, indirect, special, or tort damages of any kind, including, but not limited to, any loss of profits arising out of the use or reliance on this data.
Visit our Data Gallery Page to View Download Data

Visit one of our pages to view interactive maps and download data. Hover over any of the photos below and click on text box that appears.

For a general overview that includes demonstrations on the Open Data Site, CLICK HERE

To visit the Nevada Division of Minerals Home Page, CLICK HERE

To return to the Open Data Home Page, CLICK HERE

- Inferred Active Lithium Placer Claims in Nevada & DMRE
- Active mining claims in Nevada
- Nevada Claims, Notices, & POO
- Nevada Mineral Producers, Commodities & Occurrences

- Nevada Public Lands Issues
- Mining in Nevada
- OGG Drilling, Production, and Leases
- Education & Outreach
This is the Yerington Historic Mining District.

Deposits in this district have been classified as metallic.

The commodity/commodities known to exist or that have been produced from the Yerington mining district is/are Cu Au Ag Pb gypsum turquoise Fe Ni.

For more information CLICK HERE to search the Nevada Bureau of Mines and Geology's interactive map for files pertaining to Historic Mining Districts.

To view an Interactive Map of the USGS Mineral Resources Online Spatial Data (MRDS, US mine features, critical minerals etc.) CLICK HERE.

BLM Nevada Land Records

This district is referred to by the following names:
Click on the name to be redirected to the Mineral Connection Sheet(s)

Mason

Zoom to
Claim Point Listings

This claim is located in the SE portion of Township 0130N, Range 0250E, Section 004

The BR 33 claim is a LODE claim that was located on 4/24/2007

The Serial Number is NMC960228 and the Lead Serial is NMC960196

The claim was active as of October 6, 2020, and the last Assessment Year was 2021

For More Information on the individual claim you can search the BLM’s LR2000 database by CLICKING HERE

For more information on the group of claims this claim is associated with you can search the BLM’s LR2000 database by CLICKING HERE

YOU MUST SET LEAD FILE NUMBER? TO YES AND SELECT APPLY

The Claimant is: SINGATSE PEAK SERVICES LLC
For More information on the claimant you can search the BLM’s LR2000 database by CLICKING HERE

Admin State = NV

Claimant Name = SINGATSE PEAK SERVICES LLC HAS TO BE ALL CAPS

Disposition = Active

Then Select OK

To search the BLM Land Records associated with this Township and Range (Including MTP’s)

Click Here
Historic Mineral Production in Nevada

Operation Name: Kramer Hill Mine

Historic production of Gold from this site is listed below. Gold values are in Ounces.

Historic Gold Production - Ounces

Total Historic Production: 4,623.00 Ounces

- 1987 0.00
- 1988 0.00
- 1989 0.00
- 1990 1,161.00
- 1991 3,000.00
- 1992 327.00
- 1993 66.00
- 1994 67.00
- 1995 0.00
- 1996 0.00
- 1997 0.00
- 1998 0.00
- 1999 0.00
- 2000 0.00
- 2001 0.00
- 2002 0.00
- 2003 0.00
- 2004 0.00
This geothermal plant is known as Blue Mountain. Listed below is the historic MWh generated by this plant per year.

Total Historic Production: 137,356,697.40 MWh

- 2009: 0.00
- 2010: 402,419.90
- 2011: 368,099.10
- 2012: 332,596.00
- 2013: 296,170.90
- 2014: 314,773.70
- 2015: 332,185.60
- 2016: 328,834.00
- 2017: 321,084.00
- 2018: 329,811.00
- 2019: 326,723.20
- 2020: 134,004,000.00
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Inferred Lithium Placer Claims & DMRE

Inferred Nevada Lithium Placer Claim Listings

Legend

Inferred Li Placer Claim Point Listings as of October 6, 2020

Inferred Li Placer Claim Listings Per Section as of October 6, 2020

Claims Per Section

- >30 Claims
- 11-30 Claims
- 1-10 Claims

Location Names

1. Big Smokey Valley
2. Monte Cristo Valley
3. Fish Lake Valley
4. Teals March
5. Columbus Salt Marsh
6. Clayton Valley
7. Alkali Lake
8. Mud Lake (Claims Dropped)
9. Jackson Wash
10. Lida Valley
11. Sarcobatus Flat
12. Railroad Valley

This section has **16** inferred lithium placer claim(s) filing(s) as of October 6, 2020

This is section number **012** which is located in Township **0020S** and Range **0390E**. The Meridian is 21

If you would like to find out more specific information about the ACTIVE claim(s) in this section either:

1. select the circles in the middle of the section and scroll through the
2.
Nevada Mining Claim Listings

Legend
- Major Mines Data - Metallics 2019
- Major Mines Data - Carlin Operations Mine Location Points
- Major Mines Data - Carlin Operations Polygon
- Major Mines Data - Non Metal 2019
- Major Mines Data - Clay 2019

Claim Point Listings as of October 6, 2020
- MILLSITE
- TUNNEL SITE
- PLACER -NP
- PLACER
- LODE -NP
- LODE

Active Mining Claim Listings Per Section as of October 6, 2020
- >30 Claim Listings
- 11 - 30 Claim Listings
- 1 - 10 Claim Listings

Nevada County:
This is Lyon county
To access the Real Property data inquiry page CLICK HERE
To access an Interactive Map for parcel searches CLICK HERE
Not available for Lyon, Esmeralda, Storey, or Mineral Counties
To access PDF Parcel Maps CLICK HERE
Not available for Esmeralda, Lincoln, Mineral, Nye, or White Pine Counties
To access the County Recorders Office website CLICK HERE

Zoom to
Nevada Claims, Notices, & POO

Layers List

Exploration Plans (380911, 08/19/2020)
- CANCELLED
- PENDING
- AUTHORIZED
- EXPIRED
- CLOSED

Mining Plans (380911, 08/19/2020)
- CANCELLED
- PENDING
- AUTHORIZED
- EXPIRED
- CLOSED

Notices (380913, 08/19/2020)
- CANCELLED
- PENDING
- AUTHORIZED
- EXPIRED
- CLOSED

Lyon, Storey, Carson, & Douglas County Historic Mining Claims

NVCounties

MiningDistrictsLinkToNVLR

This Notice is partially or completely located in Township 0140N, Range 0240E, Section 002.
This Notice has GOLD, LODE as the commodity of interest and the case disposition is CLOSED as of 4/15/2019.
The total case acres is/was 0.69.
The Administrative Agency is listed as BUREAU OF LAND MGMT and the Field Office is listed as SIERRA FRONT FIELD OFFICE.
The customer name for this listing
Critical Minerals in Nevada

The following interactive map focuses on known critical mineral occurrences and deposits in Nevada. There are many layers in the map which will need to be toggled on and off in order to display and interact with the data.

Click Here

To view the web application (better for mobile devices)

The following interactive map is a comparative map between historic and current mining claim, notice, plan and production data with respect to known critical mineral deposits and occurrences in Nevada. In order to view data in attribute tables, and for more general functionality it is suggested that the map above is utilized.
Historic Mineral Production in Nevada

Interactive Web Application

The data in the following map has been submitted to the Division on an annual basis since 1987. The data is entered as received by the division. Data is currently being added to the map, so if a commodity is missing it is most likely because the shapefile hasn’t been created yet. If you see an operation that is plotted in the wrong spot, feel free to send an email with updated location information. Click here for Email.

Historic Mineral Production in Nevada

Operation Name: Kinsley Mtn. Mine

Historic production of Gold from this site is listed below. Gold values are in Ounces.

Total Historic Production: 138,151.00 Ounces

1987: 0.00
1988: 0.00

Nevada Counties
Land Issues

Nevada Land Withdrawal Overview

Nevada Land Withdrawals from Mineral Entry
A Historical Perspective
May, 2018 update
Mining In Nevada

Claims to Mine Pyramid
State of Nevada
10-Year Annual Average 2006-2015

1. New major mine of >$5 M annual

5.6 Mine Plans of Operation (BLM + USFS)

6.9 Exploration Plans of Operation (BLM + USFS)

99 Drill Projects (Federal + Private)

99.5 Notice of Intents (NOI’s) filed with BLM

2,161 Number of Entities or Individual Claimants

196,478 Number of Mining Claims on Federal Lands

Nevada Environmental Stewardship (In Progress)

Nevada Excellence in Mine Reclamation Awards

The purpose of the Nevada Excellence in Mine Reclamation Awards is to recognize and share examples of successes in the areas of reclamation, closure, planning, and protection and enhancement on federal public land. Awards are given for: Excellence in Reclamation, Exemplary Planning, Stewardship, and Innovation. The selection process is based on a comprehensive evaluation of each project. Nominees are selected by an independent panel of experts. Nominees are recognized at an awards ceremony each year. The selection process is based on a comprehensive evaluation of each project. Nominees are selected by an independent panel of experts. Nominees are recognized at an awards ceremony each year.
Education & Outreach

Mines, Energy Producers, and Points of Interest

Legend

- Major Mines Data - Metallics 2019
- Major Mines Data - Carlin Operations Mine Location Points
- Major Mines Data - Non Metal 2019
- Major Mines Data - Clay 2019
- Nevada Counties

Minerals Education Series - 1

This video explores Mining in Nevada. The video reviews some mining history, current mining in Nevada including employment and potential jobs in the mining industry. The video will go through mineral usage in our every day lives and includes an activity along with an interactive survey.

CLICK HERE for the Activity PDF
CLICK HERE for the Mining Activity Interactive Map
CLICK HERE for the Mining in Nevada Survey
CLICK HERE for the Mining Survey Interactive Map

Abandoned Mine Lands Program
Nevada Division of Minerals

Reno Area Geology Overview & General Mining Overview
Tours for the Northern Nevada Teachers Workshop
Visit our Data Gallery Page to View Download Data

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Inferred Active Lithium Placer Claims in Nevada & DMRE

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OGG Drilling, Production, and Leases

Education & Outreach
Data Gallery

Mineral Production Data

Major Mines of Nevada 2019
Major Mines Data
To present annual production and status data for major mines in Nevada.

Production of Minerals in Nevada 1987-Present
To spatially display mines that have reported production to the Nevada Division of Minerals since 1987.

Base Maps

Hydrographic Basins
Hydrographic Basins of Nevada with High Temperature Geothermal

Nevada Counties
Nevada County Boundaries

Historic Mining Districts Linked to BLM NV Land Records
The purpose of this data was to link existing historic mining districts in Nevada to mineral conveyance sheets in the BLM's Land Records Search Database.

Oil Gas & Geothermal Data

Oil & Gas Production and Well Data
To spatially display oil and gas drill holes/well and production data.

Active Oil, Gas & Geothermal Wells
Active Oil, Gas, & Geothermal Fields

Geothermal Production and Well Data
To spatially display geothermal drill and production data.

Nevada Geothermal Plants - Production Data
To spatially display geothermal drill and production data.
The Nevada Mineral Explorer

This interactive web mapping application was developed as a tool for explorationists to identify and discover mineral resources throughout Nevada. Users can download specific datasets, save maps to PDF's, search later information, and view data without any special GIS skills or software. Data in this interactive map are sourced from the Nevada Bureau of Mines and Geology (NBMG), Nevada Division of Minerals (NDOM), the U.S. Geological Survey, the BLM, and other federal agencies. To access the application CLICK HERE.

For a video tutorial of the web application CLICK HERE.
Web Application Layout

This is a web-based interactive mapping application. It is best viewed on a laptop or desktop, but can be viewed in the browser of a mobile device. This app will display differently based on the device it is being viewed on.

Helpful links
Web Application Layout

This is a web-based interactive mapping application. It is best viewed on a laptop or desktop, but can be viewed in the browser of a mobile device. This app will display differently based on the device it is being viewed on.
Layer Lists/Categories

Data are organized into several categories relevant to exploration in Nevada. Each category is shown with a different symbol.

Each of these categories have their own unique layers.

NOTE: Depending on the user’s device and screen size, not all the layer lists/categories will be visible. If this is the case, another icon will appear on the right. Click this icon to see hidden layer lists.
Nevada Mineral Explorer Web App

- Data Categories Include
  - Occurrences & Production
  - Exploration & Development
  - Mineral Resources
  - Geology
  - Geophysical
  - Geochemistry
  - Mining Claims
  - Technical Reports
  - Reference Data
Accessing the Nevada Mineral Explorer Web Map:

- Also accessible through NBMG and NDOM websites
  - [http://www.nbmg.unr.edu/](http://www.nbmg.unr.edu/)
  - [http://minerals.nv.gov/](http://minerals.nv.gov/)
- And through NBMG and NDOM Open Data Sites
  - [https://data-nbmg.opendata.arcgis.com/](https://data-nbmg.opendata.arcgis.com/)
  - [https://data-ndom.opendata.arcgis.com/](https://data-ndom.opendata.arcgis.com/)
Thank You!