

METAL MINES

Table with 5 columns: Site Name, Operator, Commodity, County Name, and Notes. Lists 36 metal mines including Atrium Mine Project, Bald Mountain Mine, and various operations in Elko, Eureka, and Humboldt counties.

INDUSTRIAL MINERAL MINES

Table with 5 columns: Site Name, Operator, Commodity, County Name, and Notes. Lists 119 industrial mineral mines such as Adams Claim Gypsum, Amargosa Clay Operation, and various aggregate and limestone operations.

GEMSTONE MINES

Table with 5 columns: Site Name, Operator, Commodity, County Name, and Notes. Lists 12 gemstone mines including Rainbow Ridge Opal Mine and various opal and turquoise operations.

GEOHERMAL PRODUCTION SITES

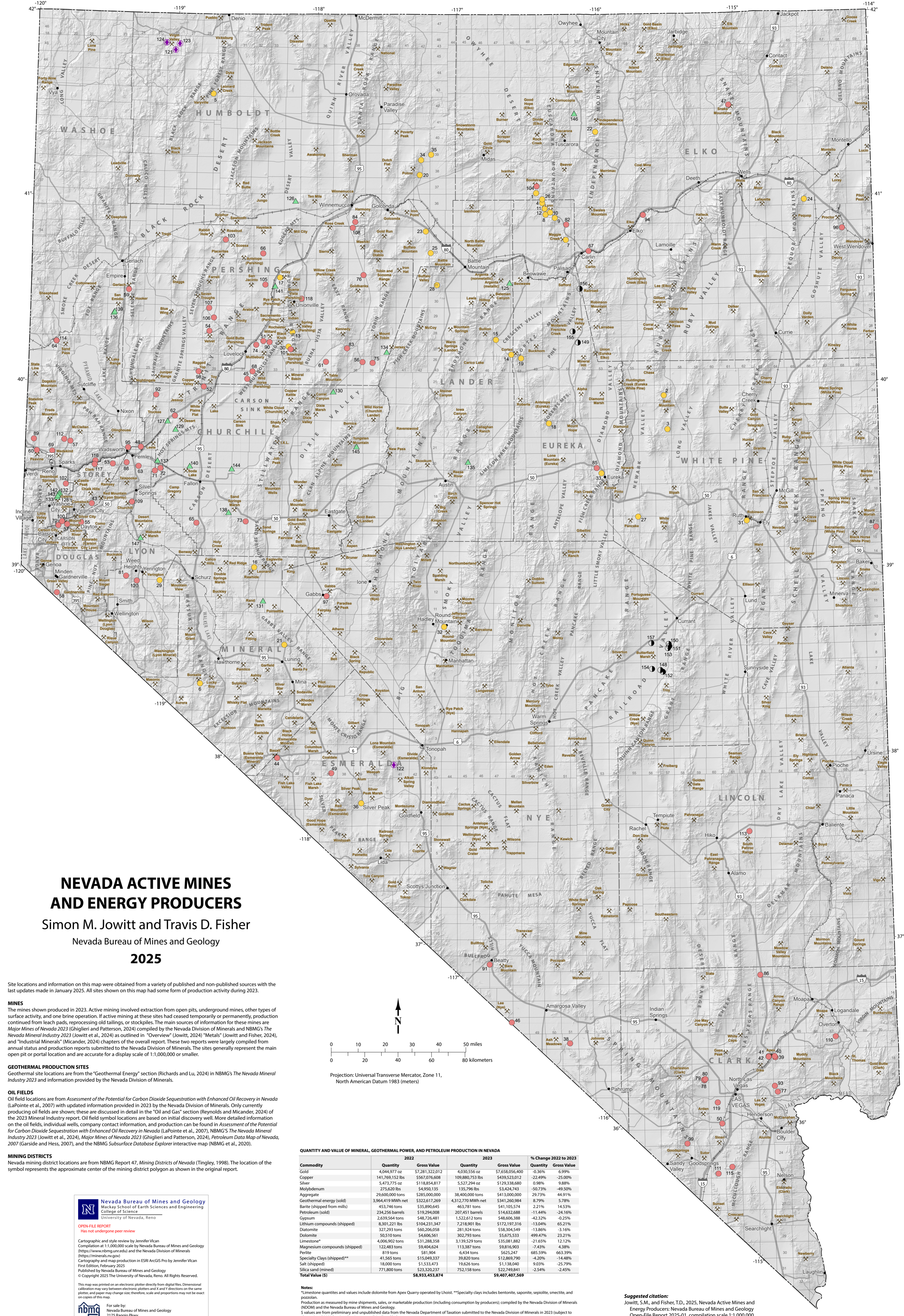
Table with 5 columns: Site Name, Operator, Commodity, County Name, and Notes. Lists 125 geothermal production sites including Beowawe, Blue Mountain, and various geysers and power plants.

OIL FIELDS

Table with 5 columns: Site Name, Operator, Commodity, County Name, and Notes. Lists 17 oil fields including Bacon Flat, Blackburn, and various oil and gas operations.

References and additional information sources

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- Papke, K.G., and Cantor, S.B., 2003, Industrial mineral deposits in Nevada: Nevada Bureau of Mines and Geology Map 142, scale 1:1,000,000, available online at https://pubs.nbgm.unr.edu/Industrial-mineral-deposits-in-Nevada-p142.htm
- Reynolds, D., and Micander, R., 2024, Oil and gas, in The Nevada mineral industry 2023: Nevada Bureau of Mines and Geology Special Publication MI-2023, p. 85-96, available online at https://pubs.nbgm.unr.edu/The-NV-mineral-industry-2023-pm2023.htm
- Richards, M., and Lu, C., 2024, Geothermal energy, in The Nevada mineral industry 2023: Nevada Bureau of Mines and Geology Special Publication MI-2023, p. 69-84, available online at https://pubs.nbgm.unr.edu/The-NV-mineral-industry-2023-pm2023.htm
- Tingley, J.V., 1998, Mining districts of Nevada, second edition: Nevada Bureau of Mines and Geology Report 47, 128 p., available online at https://pubs.nbgm.unr.edu/Mining-districts-NV-2nd-ed-p1047.htm
- Additional information on mining, oil and gas, and geothermal development in Nevada can be found online at:
  - https://www.nbgm.unr.edu/Mining/
  - https://www.nbgm.unr.edu/Oil&Gas/
  - https://www.nbgm.unr.edu/Geothermal/
  - https://data-nbgm.opendata.arcgis.com/
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# NEVADA ACTIVE MINES AND ENERGY PRODUCERS

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2025

Site locations and information on this map were obtained from a variety of published and non-published sources with the latest updates made in January 2025. All sites shown on this map had some form of production activity during 2023.

**MINES**  
The mines shown produced in 2023. Active mining involved extraction from open pits, underground mines, other types of surface activity, and one brine operation. If active mining at these sites had ceased temporarily or permanently, production continued from leach pads, reprocessing of tailings, or stockpiles. The main sources of information for these mines are Major Mines of Nevada 2023 (Ghiglieri and Patterson, 2024) compiled by the Nevada Division of Minerals and NBMG's The Nevada Mineral Industry 2023 (Jowitt et al., 2024) as outlined in "Overview" (Jowitt and Fisher, 2024), and "Industrial Minerals" (Micander, 2024) chapters of the overall report. These two reports were largely compiled from annual status and production reports submitted to the Nevada Division of Minerals. The sites generally represent the main open pit or portal location and are accurate to a display scale of 1:1,000,000 or smaller.

**GEOHERMAL PRODUCTION SITES**  
Geothermal site locations are from the "Geothermal Energy" section (Richards and Lu, 2024) in NBMG's The Nevada Mineral Industry 2023 and information provided by the Nevada Division of Minerals.

**OIL FIELDS**  
Oil field locations are from Assessment of the Potential for Carbon Dioxide Sequestration with Enhanced Oil Recovery in Nevada (LaPointe et al., 2007) with updated information provided in the "Oil and Gas" section (Reynolds and Micander, 2024) of the 2023 Mineral Industry report. Oil field symbol locations are based on initial discovery well. More detailed information on the oil fields, individual wells, company contact information, and production can be found in Assessment of the Potential for Carbon Dioxide Sequestration with Enhanced Oil Recovery in Nevada (LaPointe et al., 2007), NBMG's The Nevada Mineral Industry 2023 (Jowitt et al., 2024), Major Mines of Nevada 2023 (Ghiglieri and Patterson, 2024), Petroleum Data Map of Nevada, 2007 (Gardise and Hess, 2007), and the NBMG Subsurface Database Explorer interactive map (NBMG et al., 2020).

**MINING DISTRICTS**  
Nevada mining district locations are from NBMG Report 47, Mining Districts of Nevada (Tingley, 1998). The location of the symbol represents the approximate center of the mining district polygon as shown in the original report.

**Nevada Bureau of Mines and Geology**  
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OPEN-FILE REPORT  
Not for redaction per review

Cartographic and style review by Jennifer Vican  
Completion at 11:00:00 scale by Nevada Bureau of Mines and Geology  
(https://pubs.nbgm.unr.edu) and the Nevada Division of Minerals  
First Edition, February, 2025  
Cartography and map production in ESRI ArcGIS Pro by Jennifer Vican  
First Edition, February, 2025  
Published by Nevada Bureau of Mines and Geology  
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**QUANTITY AND VALUE OF MINERAL, GEOHERMAL POWER, AND PETROLEUM PRODUCTION IN NEVADA**

Commodity	2022		2023		% Change 2022 to 2023	
	Quantity	Gross Value	Quantity	Gross Value	Quantity	Gross Value
Gold	4,048,917 oz	\$7,281,322,012	4,038,356 oz	\$7,616,056,400	-0.3%	4.9%
Copper	141,766,152 lbs	\$567,076,608	109,880,733 lbs	\$493,523,012	-22.4%	-25.0%
Silver	5,473,775 oz	\$118,854,817	5,327,294 oz	\$129,338,680	-0.8%	9.8%
Molybdenum	279,629 lbs	\$4,960,135	132,796 lbs	\$34,842,741	-52.7%	48.5%
Aggregate	29,660,000 tons	\$283,000,000	38,400,000 tons	\$413,000,000	29.7%	44.9%
Geothermal energy (total)	3,964.619 MWh net	\$22,817,269	4,312.770 MWh net	\$34,260,984	8.7%	51.2%
Barite (shipped from mills)	453,749 tons	\$35,890,645	463,781 tons	\$41,105,574	2.2%	14.5%
Petroleum (total)	234,256 barrels	\$16,294,008	207,451 barrels	\$14,632,688	-11.4%	-24.1%
Cypsum	2,619,564 tons	\$48,726,481	1,523,612 tons	\$48,056,358	-42.3%	0.2%
Lithium (shipped from mills)	8,301,221 lbs	\$104,231,347	7,218,901 lbs	\$172,197,316	-13.0%	65.2%
Diatomite	327,293 tons	\$66,206,058	281,924 tons	\$58,304,549	-13.8%	-11.1%
Dolomite	362,109 tons	\$4,086,661	302,793 tons	\$5,975,933	-49.4%	23.1%
Limestone*	4,096,092 tons	\$31,288,358	3,195,299 tons	\$35,081,882	-21.6%	12.1%
Magnesium compounds (shipped)	122,483 tons	\$9,494,624	113,387 tons	\$9,816,303	-7.8%	4.3%
Perlite	819 tons	\$1,904	4,434 tons	\$625,247	665.5%	663.3%
Specialty Clay (shipped)**	41,565 tons	\$15,049,337	39,829 tons	\$12,869,790	-4.2%	-14.4%
Fish oil (total)	18,000 tons	\$1,333,473	19,629 tons	\$1,188,660	9.0%	-25.7%
Silica sand (total)	771,800 tons	\$23,320,237	752,158 tons	\$22,749,841	-2.5%	-2.4%
<b>Total Value (\$)</b>		<b>\$8,933,453,874</b>		<b>\$9,407,467,549</b>		

**Suggested citations:**  
Jowitt, S.M., and Fisher, T.D., 2025, Nevada Active Mines and Energy Producers: Nevada Bureau of Mines and Geology Open-File Report 2025-01, compilation scale 1:1,000,000.

\* Values are from preliminary and unpublished data from the Nevada Department of Taxation submitted to the Nevada Division of Minerals in 2023 (subject to change) and 2022 (barring the six commodities listed below).  
1. Gold - NDOM production multiplied by 2023 avg price of \$1900/oz (USGS).  
2. Silver - NDOM production multiplied by 2023 avg price of \$23.4/oz (USGS).  
3. Copper - NDOM production multiplied by 2023 avg price of \$4.00/lb (USGS).  
4. Molybdenum - NDOM production times 2023 avg price of \$25.8/lb (USGS).  
5. Aggregate - Both tonnage and value are sourced from the quarterly USGS Mineral Industry Survey, https://www.usgs.gov/centers/national-minerals-information-center/tables-and-statistics/active-mining.  
6. Geothermal gross revenue as reported from Nevada Department of Taxation