## Metal Mines

| | Site Name | Operator | Commodity | County Name |
|---|---|---|---|---|
| 1 | Arturo Mine (open pit) | Nevada Gold Mines, LLC[1] | Gold, silver | Elko |
| 2 | Aurora Mine (reprocessing) | Klondex Aurora Mine, Inc. | Gold, silver | Esmeralda |
| 3 | Bald Mountain Mine North Operations Area (open pit) | KG Mining (Bald Mountain), Inc. | Gold, silver | White Pine |
| 4 | Bald Mountain Mine South Operations Area (open pit) | KG Mining (Bald Mountain), Inc. | Gold, silver | White Pine |
| 5 | Betze-Post (open pit) | Nevada Gold Mines, LLC[2] | Gold, silver | Eureka |
| 6 | Borealis Mine (leach pad) | Borealis Mining Co., LLC | Gold, silver | Esmeralda |
| 7 | Chukar (underground mine) | Nevada Gold Mines, LLC[2] | Gold, silver | Eureka |
| 8 | Coeur Rochester Mine (open pit) | Coeur Rochester, Inc. | Silver, gold | Pershing |
| 9 | Cortez Hills (open pit) | Nevada Gold Mines, LLC[2] | Gold, silver | Lander |
| 10 | Cortez Hills (underground mine) | Nevada Gold Mines, LLC[2] | Gold, silver | Lander |
| 11 | Cortez Pipeline Mine (open pit) | Nevada Gold Mines, LLC[2] | Gold, silver | Lander |
| 12 | Denton-Rawhide Mine (open pit) | Rawhide Mining, LLC | Gold, silver | Mineral |
| 13 | Emigrant Mine (leach pad) | Nevada Gold Mines, LLC[2] | Gold, silver | Elko |
| 14 | Exodus Mine (underground mine) | Nevada Gold Mines, LLC[2] | Gold, silver | Eureka |
| 15 | Fire Creek Mine (underground mine) | Klondex Gold and Silver Mining Co. | Gold, silver | Lander |
| 16 | Florida Canyon Mine (open pit) | Florida Canyon Mining, Inc. | Gold, silver | Pershing |
| 17 | Hollister Mine (underground mine) | Klondex Hollister Mine, Inc. | Gold, silver | Elko |
| 18 | Gold Bar Mine (open pit) | McEwen Mining Nevada, Inc. | Gold, silver | Eureka |
| 19 | Gold Hill Mine (open pit) | Round Mountain Gold Corp. | Gold, silver | Nye |
| 20 | Gold Quarry Mine (open pit) | Nevada Gold Mines, LLC[2] | Gold, silver | Eureka |
| 21 | Goldstar (formerly West Genesis) (open pit) | Nevada Gold Mines, LLC[2] | Gold, silver | Eureka |
| 22 | Hycroft Mine (open pit) | Hycroft Resources and Development, Inc. | Gold, silver | Humboldt |
| 23 | Isabella Pearl Mine (open pit) | Walker Lane Minerals Corp. | Gold, silver | Mineral |
| 24 | Jerritt Canyon Mine (underground mine) | Jerritt Canyon Gold, LLC[1] | Gold, silver | Elko |
| 25 | Leeville Mine (underground mine) | Newmont Mining Corp. | Gold, silver | Eureka |
| 26 | Lone Tree Complex (leach pad) | Nevada Gold Mines, LLC[2] | Gold, silver | Humboldt |
| 27 | Long Canyon Mine (open pit) | Nevada Gold Mines, LLC[2] | Gold | Elko |
| 28 | Marigold Mine (open pit) | Marigold Mining Co. | Gold, silver | Humboldt |
| 29 | Meikle Mine (underground mine) | Nevada Gold Mines, LLC[2] | Gold, silver | Elko |
| 30 | Midas Mine (underground mine) | Klondex Midas Operations, Inc. | Gold, silver | Elko |
| 31 | Mineral Ridge Mine (leach pad) | Mineral Ridge Gold LLC | Gold, silver | Esmeralda |
| 32 | Pan Mine (open pit) | GRP Pan, LLC | Gold, silver | White Pine |
| 33 | Pete-Bajo Mine (underground mine) | Nevada Gold Mines, LLC[2] | Gold, silver | Eureka |
| 34 | Phoenix Mine (open pit) | Nevada Gold Mines, LLC[2] | Gold, copper, silver | Lander |
| 35 | Robinson Mine (open pit) | KGHM International, Ltd. | Copper, gold, molybdenum, silver | White Pine |
| 36 | Round Mountain Mine (open pit) | Round Mountain Gold Corp. | Gold, silver | Nye |
| 37 | Ruby Hill Mine (leach pad) | Ruby Hill Mining Co., LLC | Gold, silver | Eureka |
| 38 | Silverstar (formerly Genesis) (open pit) | Nevada Gold Mines, LLC[2] | Gold, silver | Eureka |
| 39 | Turquoise Ridge Joint Venture | Nevada Gold Mines, LLC[2] | Gold | Humboldt |
| 40 | Twin Creeks Mine (open pit, underground mine) | Nevada Gold Mines, LLC[2] | Gold, silver | Humboldt |

[1] Joint venture: Nevada Gold Mines, LLC 60%; Premier Mines Ltd., 40%; [2] Joint venture: Barrick Gold Corp. 61.5%; Newmont Corp. 38.5%; [3]Joint venture: Sprott Mining Inc., 80%; Whitebox Asset Management, 20%

## Industrial Mineral Mines

| | | | | |
|---|---|---|---|---|
| 41 | Adams Claim Gypsum Mine (open pit) | Art Wilson Co. | Gypsum, limestone | Lyon |
| 42 | Amargosa Clay Operation (IMV Pits) (open pit) | Lhoist North America of Arizona | Clay | Nye |
| 43 | Apex Landfill Pit (open pit) | Las Vegas Paving Corp. | Aggregate | Clark |
| 44 | Apex Lhoist Quarry (open pit) | Las Vegas Paving Corp. | Aggregate, sand | Clark |
| 45 | Apex Lhoist Quarry (open pit) | Lhoist of Arizona | Limestone, dolomite | Clark |
| 46 | Argenta Mine (open pit) | Baker Hughes Oilfield Operations, Inc. | Barite | Lander |
| 47 | Basalite Dayton Pit (open pit) | Basalite Concrete Products, LLC | Sand, gravel | Storey |
| 48 | Basalt Mine (open pit) | Grefco Minerals, Inc. | Diatomite | Esmeralda |
| 49 | Beatty Quarry (open pit) | Kalamazoo Materials, Inc. | Landscape rock | Nye |
| 50 | Bing Materials Pit (open pit) | Bing Materials Co. | Sand, gravel | Douglas |
| 51 | Black and Red Cinder Pits (open pit) | Cinderlite Trucking, Inc. | Cinder, landscape rock | Carson City |
| 52 | Blanco Mine (stockpile) | Vanderbilt Minerals Corp. | Clay | Esmeralda |
| 53 | Blue Diamond Hill Mine (open pit) | Gypsum Resources, LLC | Gypsum, limestone | Clark |
| 54 | Blue Diamond Pit (open pit) | Las Vegas Paving Corp. | Sand, gravel | Clark |
| 55 | Boehler Pit (open pit) | Stoker Parson Co. | Sand, gravel | Elko |
| 56 | Boulder Ranch Quarry (open pit) | CTC Crushing LLC | Sand, gravel | Clark |
| 57 | Buff-Satin Mine (open pit) | Vanderbilt Minerals Corp. | Clay | Pershing |
| 58 | Churchill Mine (open pit) | Nevada Cement Co. | Limestone | Churchill |
| 59 | Cinder Cone Pit (open pit) | Allied Building Materials, Inc./Cind-R-Lite Co. | Cinder | Nye |
| 60 | Clark Mine (open pit) | U.S. Silica, LLC | Diatomite | Storey |
| 61 | Colado Mine (open pit) | U.S. Silica, LLC | Diatomite, perlite | Pershing |
| 62 | Dayton Materials (Mustang) Pit (open pit) | 3D Concrete, Inc. | Aggregate, sand | Lyon |
| 63 | Donovan Pit (open pit) | R.T. Donovan Co., Inc. | Decomposed granite | Washoe |
| 64 | El Dorado Quarry (open pit) | Portable Aggregate Producers, LLC | Sand, gravel | Clark |
| 65 | Empire Mine (open pit) | Empire Mining Co. | Gypsum | Pershing |
| 66 | Fernley Operation Mine (open pit) | U.S. Silica, LLC | Diatomite | Churchill |
| 67 | Fernley Quarry (open pit) | Nevada Cement Co. | Limestone | Lyon |
| 68 | Gamebird Pit (open pit) | Wulfenstein Construction Co., Inc. | Sand, gravel | Nye |
| 69 | Golden Valley Pit (open pit) | A and K Earthmovers | Aggregate | Washoe |
| 70 | Goni Pit (open pit) | Cinderlite Trucking Corp. | Decomposed granite, sand, gravel | Carson City |
| 71 | Greystone Mine (open pit) | M-I, LLC | Barite | Lander |
| 72 | Hazen Pit (open pit) | U.S. Silica, LLC | Diatomite | Lyon/Churchill |
| 73 | Heart of Nature Mine (open pit) | ABM Mining, LLC | Alum, sulfur | Esmeralda |
| 74 | Hendersen Community Pit (open pit) | Various[4] | Sand, gravel | Clark |
| 75 | Huck Salt (surface) | Huck Salt Co. | Salt | Churchill |
| 76 | Lima Nevada Gypsum Mine (open pit) | H. Lima Nevada LLC | Gypsum | Clark |
| 77 | Lockwood Quarry (open pit) | Granite Construction Co. | Aggregate | Washoe |
| 78 | Lone Mountain (open pit) | Las Vegas Paving Corp. | Aggregate | Clark |
| 79 | Lone Mountain (open pit) | Mel Clark, Inc. | Sand, gravel | Clark |
| 80 | Lone Mountain (open pit) | Nevada Ready Mix Corp. | Sand, gravel | Clark |
| 81 | Lone Mountain (open pit) | Wells Cargo, Inc. | Sand, gravel | Clark |
| 82 | Lone Mountain Community Pit (open pit) | Various[4] | Sand, gravel | Clark |
| 83 | Ludwig Mine (open pit) | Art Wilson Co. | Gypsum | Lyon |
| 84 | Maggie Creek Mine (open pit) | Progressive Contracting, Inc. | Barite | Eureka |
| 85 | Mesquite Community Pit (open pit) | Various[4] | Sand, gravel | Clark |
| 86 | MIN-AD Mine (open pit) | MIN-AD, Inc. | Dolomite | Humboldt |
| 87 | Money Pit (open pit) | Southern Nevada Liteweight, Inc. | Silica sand | Clark |
| 88 | Mount Moriah Quarry (open pit) | Mount Moriah Stone Quarries, LLC | Building stone, landscape rock | White Pine |
| 89 | Mustache Mine (open pit) | Nevada Cement Co. | Pozzolan | Lyon |
| 90 | Mustang Quarry (open pit) | Q and D Construction, LLC | Aggregate | Washoe |
| 91 | Nassau (Lovelock) Mine (stockpile) | American Colloid Co. | Clay | Pershing |
| 92 | Nevada Barth Iron Mine (stockpile) | Saga Exploration Co. | Iron ore | Eureka |
| 93 | New Discovery Mine (stockpile) | Vanderbilt Minerals Corp. | Clay | Nye |
| 94 | Nightingale Pit (open pit) | Imerys Minerals California, Inc. | Diatomite | Churchill |
| 95 | North (Spring Mountain) Pit (open pit) | Wells Cargo, Inc. | Sand, gravel | Clark |
| 96 | PABCO Apex Quarry (open pit) | Pacific Coast Building Products, Inc. | Gypsum | Clark |
| 97 | Pahrump Community Pit (open pit) | Various[4] | Sand, gravel | Nye |
| 98 | Paiute Pit (open pit) | CEMEX Construction Materials Pacific, LLC | Sand, gravel | Washoe |
| 99 | Pilot Peak Quarry (open pit) | Graymont Western US., Inc. | Limestone | Elko |
| 100 | Pole Line Pit (open pit) | Boulder Sand and Gravel, Inc. | Sand, gravel | Clark |
| 101 | Popcorn Mine (open pit) (stockpile) | EP Minerals, LLC | Perlite | Churchill |
| 102 | Premier Chemicals, LLC, Mine (open pit) | Premier Chemicals, LLC | Magnesite | Nye |
| 103 | Rainbow Quarries (open pit) | Las Vegas Rock, Inc. | Landscape rock, sand, gravel | Clark |
| 104 | Relief Canyon Quarry (open pit) | Nevada Cement Co. | Limestone | Pershing |
| 105 | Rillite Aggregate (open pit) | Rillite Aggregate Co. | Sand, rock | Washoe |
| 106 | River Canyon III (open pit) | Joy Engineering | Aggregate | Storey |
| 107 | Sexton Mine (open pit) | Nutritional Additives Corp. | Dolomite | Pershing |
| 108 | Sierra Ready Mix Quarry (open pit) | Sierra Ready Mix, LLC | Sand, gravel | Clark |
| 109 | Sierra Stone Quarry (open pit) | CEMEX Construction Materials Pacific, LLC | Aggregate | Storey |
| 110 | Silver Peak Operations (brine) | Albemarle U.S., Inc. | Lithium carbonate | Esmeralda |
| 111 | Simplot Silica Products Pit (open pit) | J. R. Simplot Co. | Silica sand | Clark |
| 112 | Sloan Quarry (open pit) | Aggregate Industries | Crushed stone | Clark |
| 113 | South Jean Pit (open pit) | Robertson's Ready Mix | Sand, gravel | Clark |
| 114 | Spanish Springs Quarry (open pit) | Martin Marietta Materials, Inc. | Aggregate, decomposed granite | Washoe |
| 115 | Tenacity Perlite Mine (open pit) | Wilkin Mining and Trucking Co., Inc. | Perlite | Lincoln |
| 116 | Terraced Hill Clay (Flanigan) Mine (stockpile) | Nevada Cement Co. | Clay | Washoe |
| 117 | Trico Pit (open pit) | Gopher Construction Co. | Aggregate | Storey |
| 118 | Vega-Portable Crusher No. 1 (open pit) | Vega Construction and Trucking Co. | Sand, gravel | Elko |
| 119 | Wade Sand Pit (open pit) | Granite Construction Co. | Sand | Washoe |
| 120 | Wulfenstein (BLM) Pit (open pit) | Wulfenstein Construction Co., Inc. | Sand, gravel | Nye |

[4] Bureau of Land Management manages pit

## Gemstone Mines

| | | | | |
|---|---|---|---|---|
| 121 | Blue Ridge Mine (surface) | Jay Wintle | Turquoise | Lander |
| 122 | Bonanza Opal Mine (surface) | Bonanza Opal Mines, Inc. | Precious opal | Humboldt |
| 123 | Gemfield Gems (surface) | Gemfield Gems | Chalcedony | Esmeralda |
| 124 | Lone Mountain Turquoise Mine (open pit) | Lone Mountain Mining, LLC | Turquoise | Esmeralda |
| 125 | Rainbow Ridge Opal Mine (surface) | Rainbow Ridge Opal Mines, Inc. | Opalized wood, precious opal | Humboldt |
| 126 | Royal Peacock Opal Mine (surface) | Royal Peacock Opal Mine, Inc. | Precious opal | Humboldt |

## Geothermal Production Sites

| | | | | |
|---|---|---|---|---|
| 127 | Beowawe | Terra-Gen Power, LLC | Electricity | Lander |
| 128 | Blue Mountain | AltaRock Energy | Electricity | Humboldt |
| 129 | Brady Hot Springs | Ormat Nevada, Inc. | Electricity | Churchill |
| 130 | Brady Hot Springs | Olam Spices and Vegetables, Inc. | Vegetable dehydration | Churchill |
| 131 | Burdette (Galena 3) | Ormat Nevada, Inc. | Electricity | Washoe |
| 132 | Desert Peak II | Ormat Nevada, Inc. | Electricity | Churchill |
| 133 | Dixie Valley | Terra-Gen Power, LLC | Electricity | Churchill |
| 134 | Don A. Campbell, Don A. Campbell II | Ormat Nevada, Inc. | Electricity | Mineral |
| 135 | Elko Hot Springs | Elko County School District | Space Heating | Elko |
| 136 | Galena 1 | Ormat Nevada, Inc. | Electricity | Washoe |
| 137 | Galena 2 | Ormat Nevada, Inc. | Electricity | Washoe |
| 138 | Jersey Valley | Ormat Nevada, Inc. | Electricity | Pershing |
| 139 | McGinness Hills, McGinness Hills II, III | Ormat Nevada, Inc. | Electricity | Lander |
| 140 | Moana Hot Springs | Avalon Geothermal, LLC | Space heating | Washoe |
| 141 | Moana Hot Springs | Peppermill Casinos, Inc. | Space heating | Washoe |
| 142 | Patua | Cyrq Energy | Electricity | Churchill |
| 143 | Salt Wells | Enel North America, Inc. | Electricity | Churchill |
| 144 | San Emidio | Ormat Nevada, Inc. | Electricity | Washoe |
| 145 | Soda Lake Nos. 1, 2, 3 | Cyrq Energy | Electricity | Churchill |
| 146 | Steamboat II, III | Ormat Nevada, Inc. | Electricity | Washoe |
| 147 | Steamboat Hills | Ormat Nevada, Inc. | Electricity | Washoe |
| 148 | Stillwater 2 | Enel Stillwater, LLC | Electricity | Churchill |
| 149 | Tungsten Mountain | Ormat Nevada, Inc. | Electricity | Churchill |
| 150 | Tuscarora | Ormat Nevada, Inc. | Electricity | Elko |
| 151 | Wabuska | Open Mountain Energy | Electricity | Lyon |

## Oil Fields

| | | | | |
|---|---|---|---|---|
| 152 | Bacon Flat | Grant Canyon Oil and Gas, LLC | Oil | Nye |
| 153 | Blackburn | Grant Canyon Oil and Gas, LLC | Oil | Eureka |
| 154 | Eagle Springs | Kirkwood Oil and Gas, LLC | Oil | Nye |
| 155 | Ghost Ranch | Kirkwood Oil and Gas, LLC/Makoil, Inc. | Oil | Nye |
| 156 | Grant Canyon | Grant Canyon Oil and Gas, LLC | Oil | Nye |
| 157 | Kate Spring | Western General/Makoil, Inc. | Oil, gas | Nye |
| 158 | Sans Spring | Grant Canyon Oil and Gas, LLC | Oil | Nye |
| 159 | Three Bar | Grant Canyon Oil and Gas, LLC | Oil | Eureka |
| 160 | Tomera Ranch | Tomera Oil Fields, LLC | Oil | Eureka |
| 161 | Trap Spring | Makoil, Inc. | Oil | Nye |

**Mining Districts**

**Township and Range Grid**

### References and additional information sources

Ayling, B., 2020, Geothermal energy, in The Nevada mineral industry 2019: Nevada Bureau of Mines and Geology Special Publication MI-2019, p. 208–228, available online at https://pubs.nbmg.unr.edu/The-NV-mineral-industry-2019-p/mi2019.htm

Davis, D.A., 2020, Directory of mining and milling operations, in The Nevada mineral industry 2019: Nevada Bureau of Mines and Geology Special Publication MI-2019, p. 240–254, available online at https://pubs.nbmg.unr.edu/The-NV-mineral-industry-2019-p/mi2019.htm

Davis, D.A., 2020, Industrial minerals, in The Nevada mineral industry 2019: Nevada Bureau of Mines and Geology Special Publication MI-2019, p. 171–197, available online at https://pubs.nbmg.unr.edu/The-NV-mineral-industry-2019-p/mi2019.htm

Davis, D.A., 2020, Oil and gas, in The Nevada mineral industry 2019: Nevada Bureau of Mines and Geology Special Publication MI-2019, p. 229–239, available online at https://pubs.nbmg.unr.edu/The-NV-mineral-industry-2019-p/mi2019.htm

Davis, D.A., and Muntean, J.L., 2020, Metals, in The Nevada mineral industry 2019: Nevada Bureau of Mines and Geology Special Publication MI-2019, p. 15–85, available online at https://pubs.nbmg.unr.edu/The-NV-mineral-industry-2019-p/mi2019.htm

Davis, D.A., Tingley, J.V., and Muntean, J.L., 2006, Gold and silver resources in Nevada: Nevada Bureau of Mines and Geology Map 149, scale 1:1,000,000, available online at https://pubs.nbmg.unr.edu/Gold-and-silver-resources-of-NV-p/m149.htm

Department of Taxation, 2020, 2019–2020 Net Proceeds of Minerals Bulletin: Nevada Department of Taxation, Division of Local Government Services, 72 p., available online at https://tax.nv.gov/LocalGovt/PolicyPub/ArchiveFiles/Net_Proceeds_of_Minerals/

Garside, L.J., and Hess, R.H., 2007, Petroleum data map of Nevada: Nevada Bureau of Mines and Geology Map 162, scale 1:1,000,000, available online at https://pubs.nbmg .unr.edu/Petroleum-data-map-of-Nevada-p/m162.htm

LaPointe, D.D., Price, J.G., and Hess, R.H., 2007, Assessment of the potential for carbon dioxide sequestration with enhanced oil recovery in Nevada: Nevada Bureau of Mines and Geology Open-File Report 07-7, 24 p., available online at https://pubs.nbmg.unr.edu/CO2-sequestration-with-EORp/of2007-07.htm

Mine Safety and Training Section, 2018, Directory of Nevada mine operations, January–December 2017: Nevada Department of Business and Industry, Division of Industrial Relations, 348 p., available online at https://dir.nv.gov/uploadedFiles/dirnvgov/content/News/2017%20Mine%20Directory.pdf

Muntean, J.L., 2020, Overview, in The Nevada mineral industry 2019: Nevada Bureau of Mines and Geology Special Publication MI-2019, p. 3–14, available online at https://pubs.nbmg.unr.edu/The-NV-mineral-industry-2019-p/mi2019.htm

Muntean, J.L., and Davis, D.A., 2019, Nevada active mines and energy producers: Nevada Bureau of Mines and Geology Open-File Report 19-1, compilation scale 1:1,000,000, available online at https://pubs.nbmg.unr.edu/NV-active-mines-and-energy-2019-p/ofr2019-01.htm

Papke, K.G., and Castor, 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.nbmg.unr.edu/Industrial-mineral-deposits-NV -p/m142.htm

Penfield, R., Shevenell, L., Garside, L.J., and Zehner, R., Nevada geothermal resources, interactive map: Nevada Bureau of Mines and Geology Map 161, available online at https://web2.nbmg.unr.edu/NevadaGeothermal/

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.nbmg.unr.edu/Mining-districts-NV-2nd-ed-p/r047.htm

Visher, M., and Patterson, L., 2020, Major mines of Nevada 2019—mineral industries in Nevada's economy: Nevada Division of Minerals, Nevada Bureau of Mines and Geology Special Publication P-31, 28 p., available online at https://pubs.nbmg.unr.edu/Major-mines-of-Nevada-2019-p/p031.htm

Additional information on mining, oil and gas, and geothermal development in Nevada can be found online at:

http://www.nbmg.unr.edu/Mining/
http://www.nbmg.unr.edu/Oil&Gas/
http://www.nbmg.unr.edu/Geothermal/
https://data-nbmg.opendata.arcgis.com/
http://minerals.nv.gov/Programs/OG/OG/
http://minerals.nv.gov/Programs/Geo/Geo/
http://data-ndom.opendata.arcgis.com/
http://arlweb.msha.gov/drs/drshome.htm
https://www.blm.gov/lr2000/
https://mrdata.usgs.gov/mrds/
http://water.nv.gov/
https://www.nv.blm.gov/LandRecords/

# Nevada Active Mines and Energy Producers

**John L. Muntean and David A. Davis**
**Nevada Bureau of Mines and Geology**

**2021**

Site locations and information on this map were obtained from a variety of published and non-published sources with the last updates made in January 2021. All sites shown on this map had some form of production activity during 2019.

### MINES

The mines shown produced in 2019. Active mining involved extraction from open pits, underground mines, some other type of surface activity, and one brine operation. If active mining had ceased temporarily or permanently, production continued from the leach pads, reprocessing old tailings, or stockpiles. The gravel operations are those producing more than 100,000 tons annually. The main sources of information for these mines are the "Directory of Mining and Milling Operations" in NBMG's *The Nevada Mineral Industry 2019* and *Major Mines of Nevada 2019* compiled by the Nevada Division of Minerals. These two documents were largely compiled from annual production reports submitted to the Nevada Division of Minerals and supplemented with information from other sources such as company reports, LR2000 (BLM), magazine and journal articles, Nevada Department of Taxation *Net Proceeds of Minerals Bulletin*, Nevada Mine Safety and Training *Directory of Nevada Mine Operations*, topographic maps, Google Earth, and contact with people in the mining industry. The sites generally represent the main open pit or portal location and are accurate for a display scale of 1:1,000,000 or smaller.

### GEOTHERMAL PRODUCTION SITES

Geothermal site locations are from the "Geothermal Section" in NBMG's *The Nevada Mineral Industry 2019* 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, 2007* with updated information provided in 2019 by the Nevada Division of Minerals. Only currently producing oil fields are shown. 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, 2007*, NBMG'S *The Nevada Mineral Industry 2019*, *Major Mines of Nevada 2019*, *Petroleum Data Map of Nevada, 2007*, and the NBMG *Oil and Gas Well Search* website.

### MINING DISTRICTS

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

**Prepared in cooperation with the Nevada Division of Minerals**
**http://minerals.nv.gov**

Nevada Bureau of Mines and Geology
Mackay School of Earth Sciences and Engineering
College of Science
University of Nevada, Reno

OPEN-FILE REPORT
Has not undergone peer review

Compilation at 1:1,000,000 scale by Nevada Bureau of Mines and Geology
(http://www.nbmg.unr.edu) and the Nevada Division of Minerals
(http://minerals.nv.gov)
Cartography and map production in ESRI ArcGIS v10.7
by Jennifer Vican
First Edition, March 2021
© Copyright 2021 The University of Nevada, Reno. All Rights Reserved.
For sale by:
Nevada Bureau of Mines and Geology
2175 Raggio Pkwy.
Reno, Nevada 89512
ph. (775) 682-8766
www.nbmg.unr.edu; nbmg@unr.edu

2710

0 10 20 30 40 50 miles
0 20 40 60 80 kilometers

Projection: Universal Transverse Mercator, Zone 11,
North American Datum 1983 (meters)

**MINERAL, GEOTHERMAL POWER, AND PETROLEUM PRODUCTION IN NEVADA[1]**

| Commodity | 2019 Quantity | 2019 Value | 2018 (revised) Quantity | 2018 (revised) Value | % Change (2018 to 2019) Quantity | % Change (2018 to 2019) Value |
|---|---|---|---|---|---|---|
| *Gold* | **4,868,086 oz** (151,414 kg) | **$6,779,296,564** | **5,581,160 oz** (173,594 kg) | **$7,079,645,648** | **-12.8%** | **-4.3%** |
| *Silver* | **6,282,466 oz** (195,407 kg) | **$101,838,774** | **8,011,408 oz** (249,183 kg) | **$125,859,220** | **-21.6%** | **-19.1%** |
| *Copper* | **143,717,958 lbs** (65,189 tonnes) | **$390,912,846** | **144,655,766 lbs** (65,615 tonnes) | **$428,181,067** | **-0.6%** | **-8.7%** |
| *Molybdenite* | **766,699 lbs** (348 tonnes) | **$9,062,382** | **459,959 lbs** (209 tonnes) | **$5,643,698** | **66.7%** | **60.6%** |
| *Aggregate* | **36,890,000 tons** (33,470,000 tonnes) | **$255,000,000** | **29,460,000 tons** (26,740,000 tonnes) | **$191,700,000** | **25.2%** | **33.0%** |
| *Barite* | **576,375 tons** (522,879 tonnes) | **$49,449,408** | **960,085 tons** (870,974 tonnes) | **$46,795,371** | **-40.0%** | **5.7%** |
| *Gypsum* | **2,703,691 tons** (2,452,747 tonnes) | **$28,805,229[2]** | **3,339,891 tons** (3,029,898 tonnes) | **$42,344,242** | **-19.0%** | **-32.0%** |
| *Lithium Compounds* | **7,887,994 lbs** (3,578 tonnes) | **$36,022,907** | **12,908,794 lbs.** (5,855 tonnes) | **$64,595,876** | **-38.9%** | **-44.2%** |
| *Geothermal Energy* | **3,858,208 MWh net** | **$310,949,485** | **3,466,978 MWh net** | **$265,793,425** | **11.3%** | **17.0%** |
| *Petroleum* | **266,872 barrels** | **$14,035,530** | **254,978 barrels** | **$16,356,065** | **4.7%** | **-14.2%** |
| *Other Minerals[3]* | | **$128,393,470** | | **$151,397,336** | | **-15.2%** |
| *Totals* | | **$8,103,766,595** | | **$8,418,311,948** | | **-3.7%** |

[1]Production as measured by mine shipments, sales, or marketable production (including consumption by producers); compiled by the Nevada Division of Minerals (NDOM) and the Nevada Bureau of Mines and Geology. Products milled or processed in Nevada but mined from deposits in California are excluded. Specifically, zeolite from the Ash Meadows plant in Nye County is not included in these totals.
[2]Value of gypsum may be as much as 40% higher, because one company was late reporting its production without the value.
[3]Building stone, cement, clay, diatomite, lime, magnesite, mercury, iron ore, perlite, salt, and silica sand.
The value of minerals and energy were calculated as follows:
Gold and silver: production reported by NDOM using average annual prices for gold ($1392.60/oz in 2019 and $1268.49/oz in 2018) and silver ($16.21/oz in 2019 and $15.71/oz in 2018), as reported by www.kitco.com.
Copper and molybdenum: production reported by NDOM using average annual prices for copper ($2.72/lb for 2019 and $2.93/lb for 2018) and molybdenum ($11.34/lb for 2019 and $11.58/lb for 2018), as reported by USGS.
The values of all the other commodities were the gross proceeds reported by the Nevada Department of Taxation (NDT). The total values, as calculated, will not necessarily equal the total gross proceeds reported by NDT.

***Suggested citation:***
Muntean, J.L., and Davis, D.A., 2021, Nevada active mines and energy producers: Nevada Bureau of Mines and Geology Open-File Report 21-1, compilation scale 1:1,000,000.