

Metal Mines

Site Name	Operator	Commodity	County Name
1 Aurora Mine (reprocessing)	Klondex Aurora Mine, Inc.	Gold, silver	Mineral
2 Bald Mountain Mine	KG Mining (Bald Mountain), Inc.	Gold, silver	White Pine
3 Bald Mountain Mine			
4 Betze-Pot (open pit)	Nevada Gold Mines, LLC ^a	Gold, silver	Eureka
5 Bonanza Mine (leach pad)	Bonanza Mining Co., LLC	Gold, silver	Esmeralda
6 Coeur Rochester Mine (open pit)	Coeur Rochester, Inc.	Silver, gold	Pershing
7 Cortez Hills (underground mine)	Nevada Gold Mines, LLC ^a	Gold, silver	Lander
8 Cortez Pipeline Mine (open pit)	Nevada Gold Mines, LLC ^a	Gold, silver	Lander
9 Denton-Rawhide Mine (open pit)	Rawhide Mining, LLC	Mineral	Eureka
10 Eclasia Mine (underground mine)	Nevada Gold Mines, LLC ^a	Gold, silver	Lander
11 Fire Creek Mine (underground mine)	Klondex Gold and Silver Mining Co.	Gold, silver	Pershing
12 Florida Canyon Mine (open pit)	Florida Canyon Mining, Inc.	Gold, silver	Pershing
13 Gold Bar Mine (open pit)	McEwen Mining Nevada, Inc.	Gold, silver	Eureka
14 Goldrush (underground mine)	Nevada Gold Mines	Gold	Eureka
15 Hyatt Mine (open pit)	Hyatt Resources and Development, Inc.	Gold, silver	Humboldt
16 Isabella Pearl Mine (open pit)	Walker Lane Minerals Corp.	Gold, silver	Elko
17 Jerrit Canyon Mine (underground mine)	Nevada Gold Mines, LLC ^a	Gold, silver	Eureka
18 Leavitt Mine (underground mine)	Nevada Gold Mines, LLC ^a	Gold, silver	Elko
19 Lone Tree Complex (leach pad)	J&B Gold Corp	Gold, silver	Humboldt
20 Long Canyon Mine (open pit)	Nevada Gold Mines, LLC ^a	Gold, silver	Elko
21 Margold Mine (open pit)	Margold Mining Co.	Gold, silver	Humboldt
22 Meikle Mine (underground mine)	Nevada Gold Mines, LLC ^a	Gold, silver	Lander
23 Midas Mine (underground mine)	Klondex Midas Operations, Inc.	Gold, silver	Elko
24 Mineral Ridge Mine (leach pad)	Mineral Ridge Gold LLC	Gold, silver	Esmeralda
25 Pan Mine (open pit)	GRF Pan, LLC	Gold, silver	White Pine
26 Pete-Bajo Mine (underground mine)	Nevada Gold Mines, LLC ^a	Gold, silver	Eureka
27 Phoenix Mine (open pit)	Nevada Copper	Copper, gold, silver	Lander
28 Pumpkin Hollow Mine (underground mine)	Gold Acquisition Corp	Copper, gold, silver	Pershing
29 Relief Canyon Mine	KGHM International, Ltd.	Copper, gold, molybdenum, silver	White Pine
30 Round Mountain Mine (open pit)	Round Mountain Mining, Inc.	Nye	Nye
32 Ruby Hill Mine (leach pad)	J&B Gold Corp	Gold, silver	Elko
33 South Aurora Mine (open pit)	Nevada Gold Mines, LLC ^a	Gold, silver	Elko
34 Tin-Star Complex (open pit)	Nevada Gold Mines, LLC ^a	Gold, silver	Eureka
35 Turquoise Ridge (underground mine)	Nevada Gold Mines, LLC ^a	Gold	Humboldt
36 Twin Creeks Mine (open pit)	Nevada Gold Mines, LLC ^a	Gold, silver	Humboldt

^a Joint venture: Barrick Gold Corp. 61.5%, Newmont Corp. 38.5%

Industrial Mineral Mines

37 Adams Claim Gypsum Mine (open pit)	Art Wilson Co.	Gypsum, limestone	Lyon
38 Airport PI (open pit)	Nye County Road Department	Aggregate	Nye
39 Amargosa Clay Operation (open pit)	Lonestar North America of Arizona	Aggregate	Nye
40 Apex (leach pad)	Las Vegas Paving, Corp.	Aggregate	Clark
41 Apex Quarry and Plant (open pit)	Lonestar North America	Limestone, dolomite	Clark
42 Argenta Mine (open pit)	Baker Hughes Oilfield Operations, Inc.	Barite	Lander
43 Basaltic Dayton Mine (open pit)	Basaltic Concrete Products, LLC	Aggregate	Shoshone
44 Basat Mine (open pit)	Greco Minerals, Inc.	Diatomite	Esmeralda
45 Bell Vista PI (open pit)	Nye County Road Department	Aggregate	Clark
46 Big Creek PI (open pit)	Lander County Road Department	Aggregate	Nye
47 Black Mountain (open pit)	Gopher Construction, Inc.	Aggregate	Churchill
48 Blanco Mine (stockpile)	Vanderbilt Minerals, LLC	Aggregate	Esmeralda
49 Blue Diamond (open pit)	Las Vegas Paving, Corp.	Aggregate	Clark
50 Boulder Ranch Quarry (open pit)	CTC Chushing, LLC	Aggregate	Clark
51 Buff-Salt Mine (open pit)	Pershing County Road Department	Aggregate	Pershing
52 Cedar Rapids Crusher (open pit)	Jim Wilkin Trucking, LLC	Aggregate	Lincoln
53 Churchill Limestone Quarry (open pit)	Limestone Cement Co.	Limestone	Churchill
54 Clark Mine (open pit)	U.S. Silica, LLC	Diatomite	Storey
55 Colorado Mine (open pit)	U.S. Silica, LLC	Diatomite, perlite	Pershing
56 Copperfield Boron PI (open pit)	A & K Earth Movers, Inc.	Aggregate	Washoe
57 CFS Rock and Sand, Inc. (open pit)	CFS Rock and Sand, Inc.	Aggregate	White Pine
58 Dayton (open pit)	Dayton Materials (open pit)	Aggregate	Washoe
59 Dayton Materials (open pit)	Dayton Materials (open pit)	Aggregate	Washoe
60 Desert Mountain PI (open pit)	A & K Earth Movers, Inc.	Aggregate	Churchill
61 Donovan PI (open pit)	R.T. Donovan Co., Inc.	Decomposed Granite	Washoe
62 Dressler PI (open pit)	Mountain West Construction	Aggregate	Douglas
63 Duckwater PI (open pit)	Nye County Road Department	Aggregate	Pershing
64 Empire Mine (open pit)	Empire Mining Co.	Gypsum	Churchill
65 Fenley Diatomite Mine (open pit)	U.S. Silica, LLC	Limestone	Lyon
66 Fenley Limestone (open pit)	Nevada Cement Co.	Clay	Washoe
67 Flangan Clay Mine (open pit)	Nevada Cement Co.	Clay	Washoe
68 Garavito PI (open pit)	Pershing County Road Department	Aggregate	Clark
69 Golden Valley PI (open pit)	A & K Earth Movers, Inc.	Aggregate	Churchill
70 Gort PI (open pit)	Conquest Trucking, Corp.	Aggregate	Churchill
71 Greystone Mine (open pit)	M.I. LLC	Aggregate	Clark
72 Have Wilder Will Travel (open pit)	Have Wilder Will Travel, Inc. (H.W.W.T.)	Aggregate	Datona
73 Hazen PI (open pit)	U.S. Silica, LLC	Salt	Churchill
74 Huck Salt (surface)	Huck Salt Co.	Salt	Pershing
75 Irish-American (open pit)	CTC Chushing, LLC	Aggregate	Clark
76 Jericho (open pit)	Pershing County Road Department	Aggregate	Pershing
77 Leach Hot Springs (open pit)	H. Lima Nevada LLC	Gypsum	Clark
78 Lima Nevada Gypsum Mine (open pit)	H. Lima Nevada LLC	Gypsum	Clark
79 Lockwood (open pit)	Granite Construction	Aggregate	Washoe
80 Lone Mountain PI (open pit)	Las Vegas Paving, Corp.	Aggregate	Clark
81 Lone Mountain PI (open pit)	Mel Clark, Inc.	Aggregate	Clark
82 Lone Mountain PI (open pit)	Wells Cargo, Inc.	Aggregate	Clark
83 Ludwig Mine (open pit)	Art Wilson Co.	Gypsum	Lyon
84 Maggie Creek Mine (open pit)	Progressive Contracting, Inc.	Barite	Eureka
85 MIN-AD Mine (open pit)	MIN-AD, Inc.	Limestone	Elko
86 Mountain Springs Mine (open pit)	M.I. LLC	Barite	Lander
87 Mt. Moriah Quarry (open pit)	Mt. Moriah Stone Quarries, LLC	Barite	White Pine
88 Mustache Quarry (open pit)	Nevada Cement Co.	Aggregate	Lyon
89 Mustang PI (open pit)	Q & D Construction, LLC	Aggregate	Clark
90 New Discovery Mine (stockpile)	Vanderbilt Minerals, LLC	Diatomite	Nye
91 Nightingale PI (open pit)	Imerys Minerals California, Inc.	Diatomite	Churchill
92 North PI (open pit)	Wells Cargo, Inc.	Gypsum	Clark
93 PABCO Apex Quarry (open pit)	Pacific Coast Building Products, Inc.	Aggregate	Clark
94 Packer PI Aggregates (open pit)	Centex Construction Materials, LLC	Aggregate	Lincoln
95 Pilot Peak (open pit)	Graymont Western U.S., Inc.	Limestone	Elko
96 Poline PI (open pit)	Nye County Road Department	Aggregate	Nye
97 Popcorn Mine (open pit)	U.S. Silica, LLC	Aggregate	Nye
98 Premier Chemicals, LLC Mine (open pit)	Premier Chemicals, LLC	Magnesite	Nye
99 Rainbow Quarries (open pit)	Las Vegas Rock, Inc.	Landscape rock, sand, gravel	Clark
100 Rattlesnake PI (open pit)	Nye County Road Department	Aggregate	Clark
101 Redback Cinder PI (open pit)	Cinderline Trucking, Corp.	Aggregate	Clark
102 Reese River PI (open pit)	Lander County Road Department	Aggregate	Clark
103 Relief Canyon Limestone (open pit)	Nevada Cement Co.	Limestone	Pershing
104 Road Mine (open pit)	Barite	Aggregate	Clark
105 S. Wheeler PI - N8081 (open pit)	Nye County Road Department	Aggregate	Nye
106 Sierra Stone Quarry (open pit)	Centex Construction Materials, LLC	Aggregate	Storey
107 Silver Peak Operations (mine)	Albemarle U.S., Inc.	Uranium carbonate	Esmeralda
108 Silver Peak Products PI (open pit)	J. R. Simplot Co.	Silica sand	Clark
109 Sloan Quarry (open pit)	Aggregates Industries, SWR, Inc.	Aggregate	Clark
110 South Jean Community PI (open pit)	Robertson's Ready Mix	Aggregate	Clark
111 Spanish Springs, Plant #6 (open pit)	Western Nevada Materials	Aggregate	Washoe
112 Tensley Perlite Mine (open pit)	Wilton Mining and Trucking, Inc.	Perlite	Clark
113 The Money PI (open pit)	Southern Nevada Lightweight, Inc.	Silica sand	Clark
114 Top Gun PI (open pit)	Heisel & Sons, LLC	Aggregate	Churchill
115 Tri-Quarry (open pit)	Gopher Construction, Inc.	Aggregate	Storey
116 Wake Sand PI (open pit)	Gopher Construction, Inc.	Aggregate	Washoe
117 WS-Z Aggregate PI (open pit)	3D Concrete	Aggregate	Lander

Gemstone Mines

118 Bonanza Opal Mine (surface)	Bonanza Opal Mines, Inc.	Common opal, precious opal	Humboldt
119 Lone Mountain Turquoise Mine (open pit)	Lone Mountain Mining, LLC	Turquoise	Esmeralda
120 Rainbow Ridge Opal Mine (surface)	Rainbow Ridge Opal Mines, Inc.	Precious opal	Humboldt

Geothermal Production Sites

121 Beowawe	Omni Nevada, Inc.	Electricity	Lander
122 Blue Mountain	Cyna Energy	Electricity	Humboldt
123 Brady Hot Springs	Omni Nevada, Inc.	Electricity	Churchill
124 Burntline (Galena 3)	Omni Nevada, Inc.	Electricity	Washoe
125 Desert Peak II	Omni Nevada, Inc.	Electricity	Churchill
126 Dixie Valley	Omni Nevada, Inc.	Electricity	Churchill
127 Don A. Campbell II	Omni Nevada, Inc.	Electricity	Mineral
128 Galena 1	Omni Nevada, Inc.	Electricity	Mineral
129 Galena 2	Omni Nevada, Inc.	Electricity	Pershing
130 Jersey Valley	Omni Nevada, Inc.	Electricity	Washoe
131 McDermess Hills, McDermess Hills II, III	Omni Nevada, Inc.	Electricity	Esmeralda
132 Pata	Cyna Energy	Electricity	Churchill
133 Salt Wells	Enel North America, Inc.	Electricity	Churchill
134 San Emidio	Omni Nevada, Inc.	Electricity	Washoe
135 Soda Lake Nos. 1, 2, 3	Cyna Energy	Electricity	Churchill
136 Steamboat II, III	Omni Nevada, Inc.	Electricity	Lincoln
137 Stillwater Hills Repower	Omni Nevada, Inc.	Electricity	Washoe
138 Stillwater 2	Enel Stillwater, LLC	Electricity	Washoe
139 Tungsten Mountain	Omni Nevada, Inc.	Electricity	Churchill
140 Tuscarora	Omni Nevada, Inc.	Electricity	Elko
141 Wabuska	Open Mountain Energy	Electricity	Lyon

Oil Fields

142 Bacon Flat	Grant Canyon Oil and Gas, LLC	Oil	Nye
143 Blackburn	Grant Canyon Oil and Gas, LLC	Oil	Eureka
144 Eagle Springs	Kirkwood Oil and Gas, LLC	Oil	Nye
145 Ghost Ranch	Kirkwood Oil and Gas, LLC/Makol, Inc.	Oil	Nye
146 Grant Canyon	Grant Canyon Oil and Gas, LLC	Oil	Nye
147 Kate Spring	Western General/Makol, Inc.	Oil, gas	Nye
148 Sans Spring	Grant Canyon Oil and Gas, LLC	Oil	Nye
149 Three Bar	Grant Canyon Oil and Gas, LLC	Oil	Nye
150 Tomera Ranch	Tomera Oil Fields, LLC	Oil	Eureka
151 Trap Spring	Makol, Inc.	Oil	Nye

Mining Districts

Township and Range Grid

References and additional information sources

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- Muntean, J.L., and Micander, R., 2022, Overview, in The Nevada mineral industry 2021: Nevada Bureau of Mines and Geology Special Publication MI-2021, p. 3-11, available online at <https://pubs.nrbmg.unr.edu/The-NV-mineral-industry-2021-pmi2021.htm>
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- Visher, M., and Patterson, L., 2022, Major mines of Nevada - 2021, mineral industries in Nevada's economy: Nevada Division of Minerals, Nevada Bureau of Mines and Geology Special Publication P-233, 28 p., available online at <https://pubs.nrbmg.unr.edu/Major-mines-of-Nevada-2022-pi2023-03.htm>

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

<http://www.nrbmg.unr.edu/Mining/>
<http://www.nrbmg.unr.edu/Geothermal/>
<https://data-nrbmg.opendata.arcgis.com/>
<http://minerals.nv.gov/Programs/DOGO/>
<http://minerals.nv.gov/Programs/GeoGeo/>
<http://data-nrbmg.opendata.arcgis.com/>
<http://arweb.msha.gov/ds/dr/diatomite.htm>
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<http://water.nv.gov/>
<http://www.nv.bm.gov/LandRecords/>

Nevada Active Mines and Energy Producers

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Nevada Bureau of Mines and Geology

2023

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 2023. All sites shown on this map had some form of production activity during 2021.

MINES

The mines shown produced in 2021. Active mining involved extraction from open pits, underground mines, other types 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 main sources of information for these mines are Major Mines of Nevada 2021 compiled by the Nevada Division of Minerals and NBMG's The Nevada Mineral Industry 2021. These two reports were largely compiled from annual status and production reports submitted to the Nevada Division of Minerals and Nevada Department of Taxation Net Proceeds of Minerals Bulletin. 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

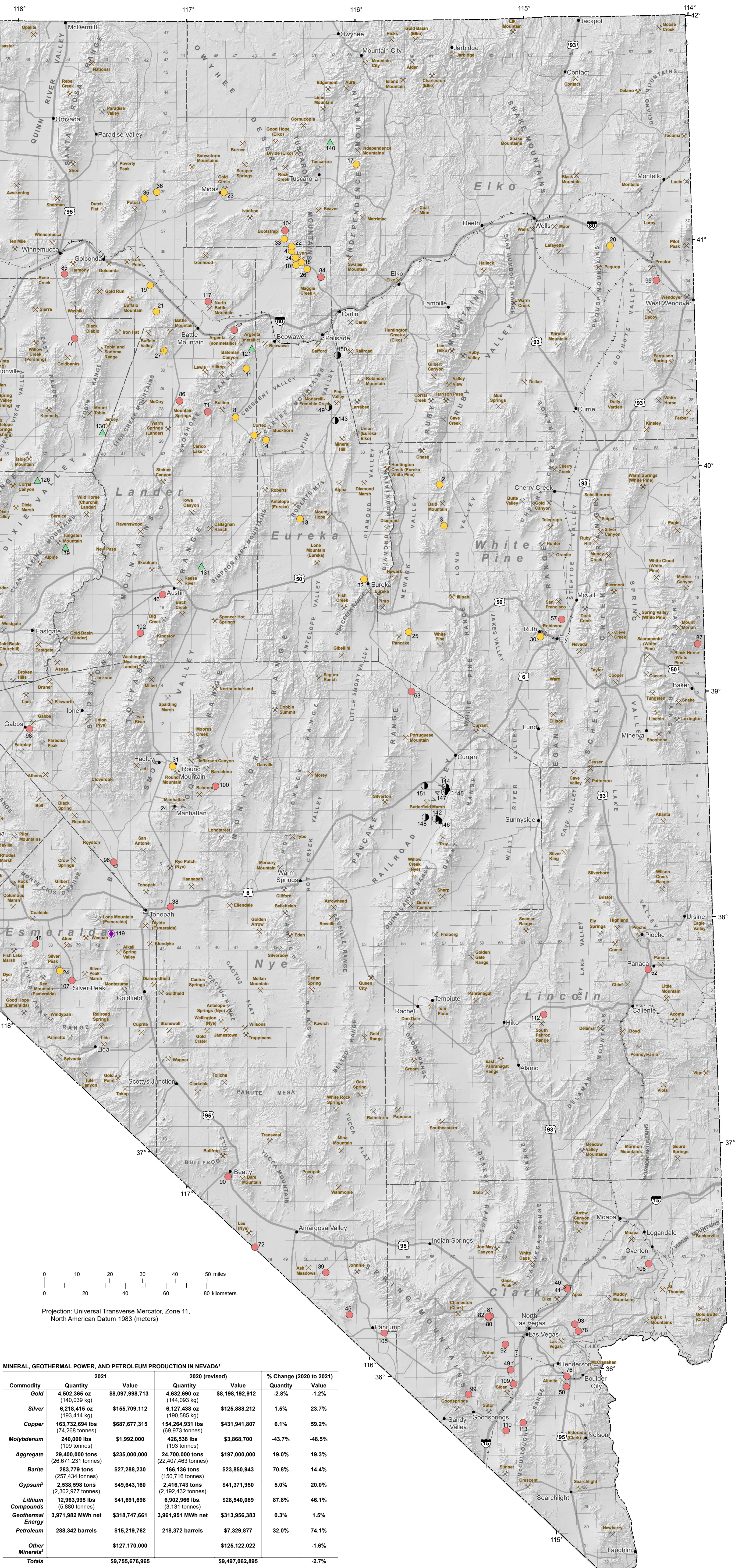
Geothermal site locations are from the "Geothermal Section" in NBMG's The Nevada Mineral Industry 2021 and information provided by the Nevada Division of Minerals.

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 2021 by the Nevada Division of Minerals. Only currently producing oil fields are shown. Oil field symbols 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 2021, Major Mines of Nevada 2021, Petroleum Data Map of Nevada, 2007, and the NBMG Subsurface Database Explorer interactive map.

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.



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

MINERAL, GEOTHERMAL POWER, AND PETROLEUM PRODUCTION IN NEVADA ¹					
Commodity	2021		2020 (revised) ²		% Change (2020 to 2021)
	Quantity	Value	Quantity	Value	
Gold	4,502,365 oz (140,039 kg)	\$8,097,998,713	4,632,690 oz (144,093 kg)	\$8,198,192,912	-2.8%
Silver	6,216,415 oz (193,414 kg)	\$155,709,112	6,127,438 oz (190,865 kg)	\$158,888,212	1.8%
Copper	163,732,694 lbs (74,268 tonnes)	\$687,677,315	164,264,931 lbs (74,268 tonnes)	\$431,941,807	6.1%
Molybdenum	240,000 lbs (109 tonnes)	\$1,992,000	426,638 lbs (193 tonnes)	\$3,868,700	-43.7%
Aggregate	29,400,000 tons (26,671,221 tonnes)	\$235,000,000	24,700,000 tons (22,407,463 tonnes)	\$197,000,000	19.0%
Barite	283,779 tons (257,434 tonnes)	\$27,288,230	166,136 tons (150,716 tonnes)	\$23,850,943	70.8%
Gypsum ³	2,638,988 tons (2,302,977 tonnes)	\$49,643,160	2,416,743 tons (2,192,432 tonnes)	\$41,371,950	5.0%
Lithium Compounds	12,963,995 lbs (5,880 tonnes)	\$41,691,698	6,902,966 lbs (3,131 tonnes)	\$28,540,089	87.8%
Geothermal Energy	3,971,982 MWh net	\$318,747,661	3,961,951 MWh net	\$313,956,383	0.3%
Petroleum	288,342 barrels	\$16,219,762	116,372 barrels	\$7,329,977	32.0%
Other Minerals ⁴		\$127,170,000		\$125,122,022	-1.6%
Totals		\$9,755,676,965		\$9,497,062,896	-2.7%

¹Production 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.
²Value of gypsum may be higher since one company was late reporting production.
³Diatomite, dolomite, limestone, magnesite compounds, perlite, specialty clays, salt, and silica sand.

Notes:

- \$ Values as reported from Department of Taxation to the Nevada Division of Minerals in 2021 and 2020, except for the six commodities listed below:
1. Gold = NDOM # times 2021 avg. price \$1,798.61/oz. (Kilob) (http://minerals.nv.gov)
2. Silver = NDOM # times 2021 avg. price \$25.04/oz. (Kilob) (http://minerals.nv.gov)
3. Copper = NDOM # times 2021 avg. price \$4.00/lb. (USGS)
4. Molybdenum = NDOM # times 2021 avg. price \$8.30/lb. (USGS)

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