This is the twenty-seventh of an annual series of summary reports on major mines of Nevada. Sand and gravel operations are not included. Information on employment and production for the calendar year 2015 was provided by the individual mine operators. The Nevada Division of Minerals maintains a complete register of Nevada mines. For further information, contact them at 400 W. King, Suite 106, Carson City, Nevada 89703 or call (775) 684-7040, fax (775) 684-7052, or visit their Web site at http://minerals.nv.gov.
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Section I

Lyon County

Adams Claim Gypsum Mine (1)
Operator:
Art Wilson Co.
P.O. Box 20160
Carson City, NV 89721
775-882-0700   Fax: 882-0790
Company employees: 53
Contract employees: 2
Production:
Gypsum - 520,530 tons
Limestone - 17,413 tons

NCC Fernley Operations (2)
Operator:
Nevada Cement Co.
P.O. Box 840
Fernley, NV 89408
775-575-2281   Fax: 575-4387
Company employees: 117
Production:
Limestone - 88,597 tons

Storey County

Clark Mine (3)
Operator:
EP Minerals, LLC
640 Clark Station Rd.
Sparks, NV 89434
775-824-7700   Fax: 824-7715
Company employees: 4
Production:
Diatomite - No mine production in 2015

Lucerne Mine (4)
Operator:
Comstock Mining, Inc.
P.O. Box 1118
Virginia City, NV 89440
775-847-5272   Fax: 847-4762
Company employees: 53
Contract employees: 8
Production:
Gold - 15,451 oz
Silver - 221,723 oz

Washoe County

NCC Flanigan Mine (5)
Operator:
Nevada Cement Co.
P.O. Box 840
Fernley, NV 89408
775-575-2281   Fax: 575-4387
Production:
Specialty clays - 43,232 tons
Section II

Humboldt County

Hycroft Mine (1)
Operator:
Hycroft Mining Company
P.O. Box 3030
Winnemucca, NV 89446
775-623-5260 Fax:623-0215
Company employees: 98
Contract employees: 5
Production:
Gold - 107,998 oz
Silver - 621,788 oz

Lone Tree Complex (2)
Operator:
Newmont Mining Corp.
P.O. Box 388
Valmy, NV 89438
775-738-4000
Company employees: 56
Contract employees: 61
Production:
Gold - 21,349 oz
Marigold Mine (3)
Operator:
Silver Standard Resources, Inc.
P.O. Box 160
Valmy, NV 89438
775-635-2317  Fax: 635-2551
Company employees: 365
Contract employees: 14
Production:
Gold - 207,005 oz
Silver - 2,841 oz

MIN-AD Mine (4)
Operator:
MIN-AD, Inc.
P.O. Box 39
Winnemucca, NV 89446
775-623-5944  Fax: 623-9028
Company employees: 15
Production:
Dolomite - 46,183 tons (shipped)

Pinson Mine (5)
Operator:
Atna Resources, Inc.
P.O. Box 969
Winnemucca, NV 89446
775-529-5026  Fax: 529-5030
Production:
Gold - 16,898 oz
(Mining ceased in 2015)

Turquoise Ridge Joint Venture (6)
Operator:
Barrick Gold Corporation
2055 Getchell Mine Road
Golconda, NV 89414
775-748-3172  Fax: 748-3125
Company employees: 497
Contract employees: 101
Production:
Gold - 289,421 oz

Twin Creeks Mine (7)
Operator:
Newmont Mining Corp.
P.O. Box 69
Golconda, NV 89414
775-635-9400  Fax: 635-4602
Company employees: 485
Contract employees: 297
Production:
Gold - 470,759 oz
Silver - 143,631 oz
Pershing County

**Coeur Rochester Mine (8)**
Operator:
Coeur Rochester, Inc.
P.O. Box 1057
Lovelock, NV 89419
775-273-7995   Fax: 273-7423
Company employees: 301
Contract employees: 36
Production:
Gold - 52,588 oz
Silver - 4,630,739 oz

**Colado Mine (9)**
Operator:
EP Minerals, LLC
P.O. Box 959
Lovelock, NV 89419
775-824-7591   Fax: 824-7595
Company employees: 35
Production:
Diatomite - 156,565 tons

**Florida Canyon Mine (10)**
Operator:
Jipangu Florida Canyon Mining, Inc.
P.O. Box 330
Imlay, NV 89418
775-538-7300   Fax: 538-7691
Company employees: 51
Production:
Gold - 21,716 oz
Silver - 67,687 oz

**Nassau Mine (11)**
Operator:
American Colloid Company
P.O. Box 428
Lovell, WY 82431
307-548-6521   Fax: 548-6449
Production:
Bentonite - No mine production in 2015

**Relief Canyon Limestone Mine (12)**
Operator:
Nevada Cement Company
P.O. Box 840
Fernley, NV 89408
775-575-2281   Fax: 575-4387
Company employees: 6
Production:
Limestone - 28,865 tons

**Sexton Mine (13)**
Operator:
Nutritional Additives Corp.
415 Wellington St.
Winnemucca, NV 89445
775-623-1151   Fax: 623-1153
Production:
Dolomite - No mine production in 2015

**Sunrise Placer Mine (14)**
Operator:
Sunrise Minerals, LLC
9405 Betty Lane
Winnemucca, NV 89445
775-340-7044   Fax: 623-5043
Company employees: 8
Production:
Gold - 471 oz
Silver - 210 oz
Coeur Rochester, Sunflower pit, Pershing County
(Rich Perry photo).
Section III

Eureka County

Betze-Post Mine (1)
Operator: Barrick Goldstrike Mines, Inc.
P.O. Box 29
Elko, NV 89803
775-748-1001 Fax: 748-1240
Company employees: 1,140
Production:
Gold - 642,493 oz
Silver - 67,223 oz

Ruby Hill Mine (3)
Operator: Ruby Hill Mining Co.
P.O. Box 676
Eureka, NV 89316
775-401-6435
Company employees: 14
Production:
Gold - 10,673 oz
Silver - 24,842 oz

Eastern Nevada Operations
(Carlin Operations) (2)
Operator: Newmont Mining Corp.
1655 Mountain City Highway
Elko, NV 89801
775-778-4000 Fax: 778-4360
Company employees: 2,189
Contract employees: 431
Production:
Gold - 885,242 oz
Silver - 92,173 oz
Lander County

Argenta Mine (4)
Operator: Baker Hughes, Inc.
P.O. Box 277
Battle Mountain, NV 89820
775-635-5441 Fax: 635-5455
Shipped: Barite - No Mine production in 2015

Cortez Hills Mine (5)
Operator: Barrick Cortez, Inc.
HC66 Box 1250
Crescent Valley, NV 89821
775-468-4400 Fax: 468-4496
Company employees: 322
Contract employees: 130
Production:
(underground only, excluding the open-pit)
Gold - 478,940 oz
Silver - 16,210 oz

Fire Creek Mine (6)
Operator: Klondex Mines
2720 Ruby Vista Dr., Ste. 102
Elko, NV 89801
775-738-6070 Fax: 738-6050
Company employees: 69
Contract employees: 9
Production:
Gold - 77,055 oz
Silver - 92,114 oz

Greystone Mine (7)
Operator: M-I Swaco
P.O. Box 370
Battle Mountain, NV 89820
775-635-5135 Fax: 635-2645
Company employees: 24
Shipped: Barite - 145,367 tons

Mountain Spring Mine (8)
Operator: M-I Swaco
P.O. Box 370
Battle Mountain, NV 89820
775-635-5135 Fax: 635-2645
Company employees: 33
Shipped: Barite - 68,882 tons

Pipeline Mine (9)
Operator: Barrick Cortez, Inc.
HC66 Box 1250
Crescent Valley, NV 89821
775-468-4400 Fax: 468-4496
Company employees: 923
Contract employees: 425
Production:
(includes the Cortez Hills open-pit)
Gold - 520,060 oz
Silver - 17,602 oz

Phoenix Mine (10)
Operator: Newmont Mining Corp.
P.O. Box 1657
Battle Mountain, NV 89820
775-635-6423 Fax: 635-6460
Company employees: 485
Contract employees: 297
Production:
Gold - 183,371 oz
Silver - 966,159 oz
Copper - 46,330,821 pounds
Twin Creeks Mine, Humboldt County
(Connor Ostling photo).
1. Blackburn Field
2. Railroad Valley (Eagle Springs, Trap Spring, Currant, Sand Dune, Grant Canyon, Bacon Flat, Kate Spring, Duckwater Creek, Sans Spring, and Ghost Ranch Fields)
3. Tomera Ranch Field

Major mines, oil fields, and geothermal plants, 2015.

1. Bald Mountain Mine
2. Betze-Post Mine
3. Borealis Mine
4. Carlin Operations (many mines)
5. Coeur Rochester Mine
6. Cortez Hills and Pipeline Mines
7. Denton-Rawhide Mine
8. Fire Creek Mine
9. Florida Canyon Mine
10. Hollister Mine
11. Hycroft Mine
12. Jerritt Canyon Mine
13. Lone Tree Complex
14. Lucerne Mine
15. Manhattan Gulch Mine
16. Marigold Mine
17. Meikle Mine
18. Midas Mine
19. Mineral Ridge Mine
20. Pan Mine
21. Phoenix Mine
22. Pinson Mine
23. Robinson Mine
24. Ruby...Valley Common Ops.
25. Sterling Mine
26. Sunrise Placer Mine
27. Turquoise Ridge Joint Venture
28. Twin Creeks Mine

1. Adams Claim Gypsum Mine
2. Apex Limestone Quarry
3. Argenta Barite Mine
4. Basalt Diatomite Mine
5. Big Ledge Barite Mine
6. Blue Diamond Gypsum Mine
7. Churchill Limestone Mine
8. Clark Diatomite Mine
9. Colado Diatomite Mine
10. Fernley Diatomite Operations
11. Greystone Barite Mine
12. Hazen Diatomite Mine
13. Heart of Nature Gypsum Mine
14. Huck Salt Mine
15. IMV Nevada Clay
16. Lima Nevada Gypsum Mine
17. Lucky Boy Silica Quarry
18. MIN-AD Dolomite Mine
19. Mt. Moriah Quartzite Quarry
20. Mountain Spring Barite Mine
21. Nassau Bentonite Mine
22. NCC Fernley Limestone Ops.
23. NCC Flanigan Clay Mine
24. Nightingale Diatomite Mine
25. PABCO Gypsum
26. Perlite Mine
27. Pilot Peak Limestone Quarry
28. Premier Magnesia
29. Rainbow Quarry
30. Relief Canyon Limestone Mine
31. Rossi Barite Mine
32. Sexton Diatomite Mine
33. Silver Peak Lithium Ops.
34. Simplot Silica Products
35. Tenacity Perlite Mine

1. Beowawe
2. Bradys Hot Springs
3. Desert Peak 2
4. Dixie Valley
5. San Emidio
6. Soda Lake 1 and 2
7. Steamboat I, IA, II, and III, Galena
8. Stillwater 1 and 2
9. Wabuska
10. Steamboat Hills
11. Salt Wells
12. Blue Mountain
13. Tuscarora
14. Jersey Valley
15. McGinness Hills
16. Patua
17. Wild Rose
Major mines, oil fields, and geothermal plants, 2015.
Blast at Twin Creeks Mine, Humboldt County
(Connor Ostling photo).
Pilot Peak Quarry, Elko County
(Rich Perry photo).
Elko County

**Big Ledge Mine (1)**
Operator:
National Oilwell Varco
247 Bluffs Ave., Suite 101
Elko, NV 89801
775-738-7171   Fax: 738-7196
Company employees: 15
Shipped:
Barite - 15,549 tons

**Hollister Mine (2)**
Operator:
Carlin Resources, LLC
905 Railroad St., Ste. 101
Elko, NV 89801
775-623-5760   Fax: 623-5759
Production:
No mine production in 2015
Section IV

**Jerritt Canyon Mine (3)**
Operator:
Jerritt Canyon Gold, LLC
HC31 Box 78
Elko, NV 89801
775-738-5600 Fax: 758-9233
Company employees: 248
Contract employees: 224
Production:
Gold - 167,683 oz
Silver - 4,000 oz

**Meikle Mine (4)**
Operator:
Barrick Goldstrike Mines, Inc.
P.O. Box 29
Elko, NV 89803
775-748-1001 Fax: 748-1240
Company employees: 638
Production:
Gold - 411,003 oz
Silver - 17,749 oz

**Midas Mine (5)**
Operator:
Klondex Mines
2720 Ruby Vista Dr., Ste. 102
Elko, NV 89801
775-738-6070 Fax: 738-6050
Company employees: 159
Contract employees: 21
Production:
Gold - 28,838 oz
Silver - 1,513,112 oz

**Pilot Peak Quarry (6)**
Operator:
Graymont
P.O. Box 2520
West Wendover, NV 89883
775-483-5463
Company employees: 52
Production:
Limestone - 1,259,359 tons

**Rossi Mine (7)**
Operator:
Halliburton Energy Services
912 Dunphy Ranch Rd.
Battle Mountain, NV 89820
775-468-0515 Fax: 468-2060
Company employees: 30
Contract employees: 10
Shipped: Barite - 184,613 tons

**White Pine County**

**Bald Mountain Mine (8)**
Operator:
Barrick Gold U.S., Inc.
P.O. Box 2706
Elko, NV 89803
775-237-7100 Fax: 237-7101
Company employees: 438
Contract employees: 157
Production:
Gold - 191,088 oz
Silver - 26,164 oz

**Mt. Moriah Quarry (9)**
Operator:
Mt. Moriah Stone Quarries
#10 Hatch Rock Rd.
Baker, NV 89311
435-855-2232 Fax: 855-2332
Company employees: 37
Production:
Quartzite - 8,126 tons

**Pan Mine (10)**
Operator:
MDW Pan, LLP
P.O. Box 150278
Ely, NV 89315
(Filed for bankruptcy in 2015)
Company employees: 16
Contract employees: 27
Production:
Gold - 21,316 oz
Silver - 680 oz

**Robinson Mine (11)**
Operator:
KGHM International, Ltd.
P.O. Box 382
Ruth, NV 89319
775-289-7000 Fax: 289-7349
Company employees: 605
Contract employees: 12
Production:
Copper - 131,307,031 pounds
Gold - 60,360 oz
Molybdenite - 905,061 pounds
Churchill County

Churchill Mine (1)
Operator:
Nevada Cement Co.
P.O. Box 840
Fernley, NV 89408
775-575-2281  Fax: 575-4387
Company employees: 6
Production:
Limestone - 519,125 tons
Fernley Operations (2)
Operator:
EP Minerals, LLC
P.O. Box 860
Fernley, NV 89408
775-423-6668   Fax: 423-6411
Company employees: 35
Production:
Diatomite - 31,817 tons

Hazen Mine (3)
Operator:
EP Minerals, LLC
640 Clark Station Rd.
Sparks, NV 89434
775-824-7700   Fax: 824-7715
Company employees: 2
Contract employees: 4
Production:
Diatomite - 9,283 tons

Huck Salt (4)
Operator:
Huck Salt Company
2900 Phritzie Ln.
Fallon, NV 89406
775-423-2055   Fax: 423-0467
Company employees: 9
Shipped:
Salt - 11,649 tons

Nightingale Mine (5)
Operator:
Imerys Minerals California, Inc.
100 Front Street
Fernley, NV 89408
775-575-2536   Fax: 575-1570
Company employees: 14
Contract employees: 4
Production:
Diatomite - 27,800 tons

Perlite Mine (6)
Operator:
EP Minerals, LLC
640 Clark Station
Sparks, NV 89434
775-824-7700   Fax: 824-7715
Company employees: 5
Production:
Perlite - 23,730 tons

Mineral County
Borealis Mine (7)
Operator:
Borealis Mining Company, LLC
P.O. Box 549
Hawthorne, NV 89415
775-341-0042
Company employees: 40
Production:
Gold - 7,998 oz
Silver - 29,321 oz

Denton-Rawhide Mine (8)
Operator:
Rawhide Mining, LLC
P.O. Box 2070
Fallon, NV 89407
775-945-1015   Fax: 945-1213
Company employees: 62
Contract employees: 30
Production:
Gold - 23,334 oz
Silver - 147,316 oz

Lucky Boy Quarry (9)
Operator:
James Hardie Building Products, Inc.
P.O. Box 295
Goldfield, NV 89013
775-482-1176
Production:
Silica sand - No mine production in 2015
Esmeralda County

Basalt Mine (1)
Operator:
Grefco Minerals, Inc.
P.O. Box 278
Dyer, NV 89010
775-573-2422
Company employees: 15
Production:
Diatomite - 1,687 tons
Section VI

Heart of Nature (2)  
Operator:  
Heart of Nature, LLC  
34710 7th Standard Rd.  
Bakersfield, CA 93314  
661-399-9755  Fax: 399-9758  
Company employees: 1  
Contract employees: 4  
Production:  
Gypsum/sulfur soil amendment  
- 27,757 tons

Mineral Ridge Mine (3)  
Operator:  
Mineral Ridge Gold, LLC  
1515 7th St.  
Elko, NV 89801  
702-799-9273  Fax: 775-753-4780  
Company employees: 85  
Contract employees: 30  
Production:  
Gold - 39,690 oz  
Silver - 19,742 oz

Silver Peak Operations (4)  
Operator:  
Rockwood Lithium, Inc.  
P.O. Box 98  
Silver Peak, NV 89047  
775-937-2222  Fax: 937-2250  
Company employees: 72  
Contract employees: 10  
Shipped:  
Lithium compounds - 11,716,536 lbs

Nye County

IMV Nevada (5)  
Operator:  
Lhoist North America of Arizona  
P.O. Box 86  
Amargosa Valley, NV 89020  
775-372-5341  Fax: 372-5320  
Company employees: 26  
Contract employees: 8  
Production:  
Specialty clays - 30,299 tons

Manhattan Gulch Mine (6)  
Operator:  
A.U. Mines, Inc.  
P.O. Box 72  
Manhattan, NV 89022  
775-487-2465  Fax: 487-2467  
Production:  
Gold - Ceased mine operations in 2015

Premier Magnesia (7)  
Operator:  
Premier Magnesia, LLC  
P.O. Box 177  
Gabbs, NV 89409  
775-285-2601  Fax: 285-4021  
Company employees: 110  
Contract employees: 5  
Shipped:  
Magnesium compounds - 108,943 tons

Smoky Valley Common Operation (8)  
Operator:  
Round Mountain Gold Corp.  
P.O. Box 480  
Round Mountain, NV 89045  
775-377-2366  Fax: 377-3224  
Company employees: 867  
Contract employees: 236  
Production:  
Gold - 385,159 oz  
Silver - 775,025 oz

Sterling Mine (9)  
Operator:  
Sterling Gold Mining Corp.  
P.O. Box 549  
Beatty, NV 89003  
866-608-4381  Fax: 775-981-9044  
Company employees: 5  
Production:  
Gold - 1,700 oz
Clark County

Apex Quarry (1)
Operator:
Lhoist North America
12101 N. Las Vegas Blvd.
North Las Vegas, NV 89165
702-643-7702  Fax: 643-9517
Company employees: 140
Contract employees: 15
Production:
Limestone - 1,465,733 tons
Dolomite - 286,598 tons

Blue Diamond Hill Mine (2)
Operator:
Gypsum Resource Materials, LLC
P.O. Box 147
Blue Diamond, NV 89004
702-830-3378  Fax: 441-7148
Company employees: 53
Contract employees: 20
Production:
Gypsum - 1,602,431 tons
Limestone - 4,432,395 tons

Lima Nevada Gypsum Mine (3)
Operator:
H. Lima Nevada, LLC
704 E. Yosemite
Manteca, CA 95336
661-549-0784  Fax: 363-2294
Company employees: 8
Contract employees: 1
Production:
Gypsum - 25,082 tons

PABCO Gypsum Mine (4)
Operator:
PABCO Building Products, LLC
P.O. Box 364329
North Las Vegas, NV 89036
702-407-3700  Fax: 643-6249
Company employees: 17
Contract employees: 1
Production:
Gypsum - 1,249,931 tons

Rainbow Quarry (5)
Operator:
Las Vegas Rock, Inc.
P.O. Box 19118
2 Jean Prison Rd.
Jean, NV 89019
702-791-7625  Fax: 896-4533
Company employees: 15
Production:
Meta-quartzite - 81,500 tons

Simplot Silica Products (6)
Operator:
J.R. Simplot Company
P.O. Box 308
Overton, NV 89040
702-397-2667  Fax: 397-2798
Company employees: 41
Shipped:
Silica sand - 778,484 tons

Lincoln County

Tenacity Perlite Mine (7)
Operator:
Wilkin Mining & Trucking, Inc.
HC 34 Box 199
Caliente, NV 89008
775-728-4463
Company employees: 13
Production:
Perlite - 2,184 tons
Summary of 2015 production

<table>
<thead>
<tr>
<th>Material</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gold</td>
<td>5,339,659 ounces</td>
</tr>
<tr>
<td>Silver</td>
<td>9,498,051 ounces</td>
</tr>
<tr>
<td>Barite (shipped)</td>
<td>516,380 tons</td>
</tr>
<tr>
<td>Copper</td>
<td>177,637,852 pounds</td>
</tr>
<tr>
<td>Diatomite</td>
<td>227,152 tons</td>
</tr>
<tr>
<td>Dolomite</td>
<td>332,781 tons</td>
</tr>
<tr>
<td>Gypsum</td>
<td>3,397,974 tons</td>
</tr>
<tr>
<td>Limestone</td>
<td>7,811,487* tons</td>
</tr>
<tr>
<td>Lithium compounds (shipped)</td>
<td>11,716,536 pounds</td>
</tr>
<tr>
<td>Magnesium compounds (shipped)</td>
<td>108,943 tons</td>
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<tr>
<td>Molybdenite</td>
<td>905,061 pounds</td>
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<tr>
<td>Perlite</td>
<td>25,914 tons</td>
</tr>
<tr>
<td>Salt (shipped)</td>
<td>11,649 tons</td>
</tr>
<tr>
<td>Silica sand (shipped)</td>
<td>778,484 tons</td>
</tr>
<tr>
<td>Specialty clay</td>
<td>73,531 tons</td>
</tr>
</tbody>
</table>

* Sloan Quarry production not reported
Economic Impacts of Mining in Nevada—2015

Nevada’s mining industry recorded approximately $7.37 billion in total value of all commodities in 2015, representing a 2.4% decrease from the $7.55 billion value in 2014. Nearly 86% of the value was driven by gold and silver, which contributed just over $6.3 billion, based on the actual gross proceeds reported to the Nevada Department of Taxation. According to Kitco Metals Inc. (www.kitco.com), the average prices for gold and silver in 2015 were $1,160.06 and $15.68 per troy ounce, respectively. Nevada led the nation in 2015 in the production of gold, barite, lithium compounds and magnesium compounds. Nevada produced a wide variety of other mineral and energy commodities such as clays, copper, diatomite, dolomite, geothermal energy, gypsum, lapidary and gem stones, limestone, molybdenite, oil, perlite, salt, silica sand, silver, and specialty aggregates. A summary of commodity production amounts, value, and year over year percentage changes can be seen in table 1.

Table 1. Summary of 2015 Nevada Mineral Commodity Production

<table>
<thead>
<tr>
<th>Commodity</th>
<th>Production Amount</th>
<th>Unit</th>
<th>YOY Change (%)</th>
<th>Value ($)</th>
<th>YOY Value Change (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gold</td>
<td>5,339,659</td>
<td>ounces</td>
<td>8.1%</td>
<td>$6,194,324,820</td>
<td>-1.0%</td>
</tr>
<tr>
<td>Silver</td>
<td>9,498,051</td>
<td>ounces</td>
<td>-13.1%</td>
<td>$148,929,440</td>
<td>-28.6%</td>
</tr>
<tr>
<td>Barite (shipped)</td>
<td>516,380</td>
<td>tons</td>
<td>-36.1%</td>
<td>$60,003,381</td>
<td>-42.1%</td>
</tr>
<tr>
<td>Copper</td>
<td>177,637,852</td>
<td>pounds</td>
<td>33.9%</td>
<td>$400,996,700</td>
<td>1.4%</td>
</tr>
<tr>
<td>Diatomite</td>
<td>227,152</td>
<td>tons</td>
<td>-40.7%</td>
<td>$43,117,879</td>
<td>1.1%</td>
</tr>
<tr>
<td>Dolomite</td>
<td>332,781</td>
<td>tons</td>
<td>-4.0%</td>
<td>$3,766,691</td>
<td>-4.7%</td>
</tr>
<tr>
<td>Geothermal energy (sold)</td>
<td>3,114,842</td>
<td>megawatt hours</td>
<td>13.6%</td>
<td>$240,033,610</td>
<td>17.4%</td>
</tr>
<tr>
<td>Gypsum</td>
<td>3,397,974</td>
<td>tons</td>
<td>21.2%</td>
<td>$37,294,471</td>
<td>12.0%</td>
</tr>
<tr>
<td>Limestone</td>
<td>7,811,487</td>
<td>tons</td>
<td>-1.1%</td>
<td>$36,928,188</td>
<td>-4.4%</td>
</tr>
<tr>
<td>Lithium compounds (shipped)</td>
<td>11,716,536</td>
<td>pounds</td>
<td>24.2%</td>
<td>$25,598,063</td>
<td>24.1%</td>
</tr>
<tr>
<td>Magnesium compounds (shipped)</td>
<td>108,943</td>
<td>tons</td>
<td>5.5%</td>
<td>$6,696,597</td>
<td>-0.1%</td>
</tr>
<tr>
<td>Molybdenite</td>
<td>905,061</td>
<td>pounds</td>
<td>22.0%</td>
<td>$7,322,766</td>
<td>-16.0%</td>
</tr>
<tr>
<td>Oil (sold)</td>
<td>281,875</td>
<td>barrels</td>
<td>-9.6%</td>
<td>$12,606,644</td>
<td>-53.2%</td>
</tr>
<tr>
<td>Perlite</td>
<td>25,914</td>
<td>tons</td>
<td>-21.1%</td>
<td>$2,770,366</td>
<td>-55.4%</td>
</tr>
<tr>
<td>Salt (shipped)</td>
<td>11,649</td>
<td>tons</td>
<td>-18.1%</td>
<td>$454,311</td>
<td>-14.3%</td>
</tr>
<tr>
<td>Silica sand (shipped)</td>
<td>778,484</td>
<td>tons</td>
<td>6.0%</td>
<td>$21,186,659</td>
<td>10.1%</td>
</tr>
<tr>
<td>Specialty clays</td>
<td>73,531</td>
<td>tons</td>
<td>-54.1%</td>
<td>$7,523,135</td>
<td>-14.8%</td>
</tr>
<tr>
<td>Aggregates</td>
<td>27,998,707</td>
<td>tons</td>
<td>20.4%</td>
<td>$121,000,000</td>
<td>-28.0%</td>
</tr>
<tr>
<td><strong>Total Value</strong></td>
<td><strong>$7,370,553,720</strong></td>
<td><strong>-2.4%</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Employment

According to the Nevada Department of Employment, Training, and Rehabilitation, the Nevada mining industry, including support activities and oil and gas extraction, employed an average of 14,196 employees in 2015. The average pay for mineral industry employees during this time was $92,077 per year, the second highest average of any employment sector in the state. Mining employment has remained an important factor in Nevada.

Permitting and Reclamation

Before mining can take place, plans of operation must be submitted and permits must be obtained from federal and state agencies to ensure that resources such as wildlife, air, and water are protected. Nevada and federal laws and regulations require that lands disturbed by mining activities must be rehabilitated so they can be used for other activities once mining is completed. This process, called reclamation, returns mined areas to other productive uses such as livestock grazing, wildlife habitat, or other industrial applications. To ensure that reclamation is done, mine operators are required to post reclamation bonds that are held by government agencies. The bonds are released only after the mined area is stabilized and the reclamation goals have been met. According to the Nevada Division of Environmental Protection, approximately $2.66 billion in reclamation bonds and other financial assurance are currently posted. Mine operators are proud of their efforts and are constantly seeking ways to enhance their reclamation technology.

Gold Reserves

Gold reserves are defined as that portion of a gold ore deposit known to be economically feasible for extraction. The amount of reserves is always in a state of flux, due to some reserves being lost to production, additions of new reserves through new discoveries, and changing economic conditions. The price of gold and the cost of production are the main factors in determining whether a reserve is really a reserve or just a sub-economic resource. Extensive gold resources, not currently economic, are known to exist at or near many mining

Table 2. 2015 Nevada Metal Production, by Producer

<table>
<thead>
<tr>
<th>Operator</th>
<th>Gold (ozs)</th>
<th>Silver (ozs)</th>
<th>Copper (lbs)</th>
<th>Moly (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barrick</td>
<td>2,663,902</td>
<td>557,303</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Newmont</td>
<td>1,633,076</td>
<td>1,201,963</td>
<td>46,330,821</td>
<td></td>
</tr>
<tr>
<td>Silver Standard Resources</td>
<td>207,005</td>
<td>2,841</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kinross</td>
<td>192,580</td>
<td>387,513</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jerritt Canyon</td>
<td>167,683</td>
<td>4,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hycroft</td>
<td>107,998</td>
<td>621,788</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kiondex</td>
<td>105,893</td>
<td>1,605,226</td>
<td></td>
<td></td>
</tr>
<tr>
<td>KGHM International</td>
<td>60,360</td>
<td></td>
<td>131,307,031</td>
<td>905,061</td>
</tr>
<tr>
<td>Coeur Rochester</td>
<td>52,588</td>
<td>4,630,739</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mineral Ridge Gold</td>
<td>39,690</td>
<td>19,742</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rawhide Mining</td>
<td>23,334</td>
<td>147,316</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jipangu International</td>
<td>21,716</td>
<td>67,687</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Midway Gold</td>
<td>21,316</td>
<td>680</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Comstock Mining</td>
<td>15,451</td>
<td>221,723</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Atna Resources</td>
<td>16,898</td>
<td>NR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Boraxis Mining</td>
<td>7,998</td>
<td>29,321</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sterling Gold Mining</td>
<td>1,700</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sunrise Minerals</td>
<td>471</td>
<td>210</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| **Totals**           | **5,339,659** | **9,498,051** | **177,637,852** | **905,061** **
operations in Nevada. An increase in the gold price with all else being equal would mean many companies would be able to reclassify their resources into a reserve category. An increase in the cost of regulatory compliance has the same effect as a lowering of the gold price, thus increasingly complex and expensive regulations can reduce reserves. The publically reported reserves, at 2015 year end, were approximately 70 million ounces of gold, and assuming similar economic conditions, are sufficient to sustain gold production near current levels in Nevada for about 12–15 years, see table 3.

Exploration

Exploration for new deposits, particularly gold, is an ongoing effort by both the operating companies and many others who do not operate mines in the state. Exploration geologists, drillers, assayers, and others who support exploration activities represent a significant positive economic impact, particularly in Nevada’s rural areas. Exploration activity and funding, like gold reserves, are closely tied to economic conditions and commodity prices. The amount of exploration activity in 2015 continued to decrease, largely due to declining gold prices, which ranged from a high of $1,295.75 in January to a low of $1,049.40 in December of 2015.

Oil and Geothermal Activity

Economic activity from oil and gas exploration and production is relatively minor when compared to mining, but are locally important to the economy of east-central Nevada. In oil field terms, Nevada is considered a frontier state, meaning its potential is yet to be realized. Exploration activity and production were both negatively impacted by the price of crude in 2015 which ranged from a monthly average high of $59.82 to a low of $30.32, considerably less than the $93.17 average price in 2014 for a barrel of West Texas Intermediate crude. Oil production in 2015 was 281,382 barrels (42 gallons per barrel), with 281,875 barrels sold worth approximately $12.6 million. Table 4 summarizes the number of barrels sold and wells by operator and field in 2015.

Nevada is rich in geothermal resources and is second only to California in the production of geothermal energy.

Table 3. Nevada Mine Reserves (Proven and Probable) Reported for End of Year 2015

<table>
<thead>
<tr>
<th>Company</th>
<th>Mine</th>
<th>Gold (ozs)</th>
<th>Silver (ozs)</th>
<th>Copper (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Newmont</td>
<td>Carlin Operations</td>
<td>16,780,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Newmont</td>
<td>Phoenix</td>
<td>5,010,000</td>
<td>73,510,000</td>
<td>1,750,000,000</td>
</tr>
<tr>
<td>Newmont</td>
<td>Twin Creeks</td>
<td>5,130,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Newmont</td>
<td>Turquoise Ridge (25%)</td>
<td>1,400,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Newmont</td>
<td>Long Canyon</td>
<td>1,200,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Barrick</td>
<td>Goldstrike (OP and UG)</td>
<td>8,539,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Cortez</td>
<td>11,129,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Turquoise Ridge (75%)</td>
<td>4,214,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>South Arturo</td>
<td>233,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Coeur</td>
<td>Rochester</td>
<td>477,000</td>
<td>79,343,000</td>
<td></td>
</tr>
<tr>
<td>Kinross</td>
<td>Round Mountain (100% as of 1/1/16)</td>
<td>1,470,000</td>
<td>870,000</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bald Mountain (100% as of 1/1/16)</td>
<td>1,117,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hycroft Mining</td>
<td>Hycroft</td>
<td>10,550,000</td>
<td>4,627,500</td>
<td></td>
</tr>
<tr>
<td>Silver Standard</td>
<td>Marigold</td>
<td>2,170,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Klondex</td>
<td>Midas</td>
<td>72,000</td>
<td>3,304,700</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Fire Creek</td>
<td>314,600</td>
<td>233,333</td>
<td></td>
</tr>
<tr>
<td>KGHM</td>
<td>Robinson</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Totals 69,805,600 161,888,533 2,812,000,000
For 2015, Nevada had 24 plants at 16 fields that sold approximately 3.1 million megawatt hours of electricity worth approximately $240 million, see Table 5. According to the U.S. Energy Information Association, this is enough to power about 280,000 Nevada residential homes for a year. Geothermal heat is also used for a variety of commercial, domestic and public applications in Nevada. Schools in Elko County, a casino in Washoe County and homes in Lincoln and Washoe counties are examples of public and private facilities using this renewable energy resource.

## Conclusion

Nevada’s mineral industry continued to be a major economic force in the state with a total value of over $7 billion in 2015. Given a stable price and regulatory environment this situation should continue for many years to come. Nevada is a major natural resource producer and has significant mineral and energy resources that can provide strong economic development into the future.

### Table 4. Nevada Oil Production in 2015

<table>
<thead>
<tr>
<th>Operator</th>
<th>Producing Field</th>
<th># of Producing Wells</th>
<th>Total Barrels Sold</th>
</tr>
</thead>
<tbody>
<tr>
<td>Makoil</td>
<td>Trap Spring</td>
<td>28</td>
<td>114,214</td>
</tr>
<tr>
<td>Grant Canyon</td>
<td>Grant Canyon</td>
<td>3</td>
<td>43,164</td>
</tr>
<tr>
<td>Kirkwood</td>
<td>Eagle Springs</td>
<td>12</td>
<td>32,628</td>
</tr>
<tr>
<td>Grant Canyon</td>
<td>Blackburn</td>
<td>5</td>
<td>32,055</td>
</tr>
<tr>
<td>Western General</td>
<td>Kate Spring</td>
<td>3</td>
<td>21,785</td>
</tr>
<tr>
<td>Kirkwood</td>
<td>Ghost Ranch</td>
<td>3</td>
<td>9,840</td>
</tr>
<tr>
<td>Frontier Exploration</td>
<td>Trap Spring</td>
<td>6</td>
<td>6,120</td>
</tr>
<tr>
<td>Makoil</td>
<td>Kate Springs</td>
<td>1</td>
<td>5,626</td>
</tr>
<tr>
<td>Makoil</td>
<td>Ghost Ranch</td>
<td>1</td>
<td>5,436</td>
</tr>
<tr>
<td>Grant Canyon</td>
<td>Bacon Flats</td>
<td>1</td>
<td>4,891</td>
</tr>
<tr>
<td>Kirkwood</td>
<td>Sand Dune</td>
<td>1</td>
<td>2,600</td>
</tr>
<tr>
<td>Grant Canyon</td>
<td>Sans Spring</td>
<td>1</td>
<td>1,213</td>
</tr>
<tr>
<td>Andromeda</td>
<td>Tomera</td>
<td>2</td>
<td>1,117</td>
</tr>
<tr>
<td>Noble Energy</td>
<td>Huntington</td>
<td>1</td>
<td>986</td>
</tr>
<tr>
<td>Makoil</td>
<td>Currant</td>
<td>1</td>
<td>141</td>
</tr>
<tr>
<td>Makoil</td>
<td>Duckwater Crk</td>
<td>1</td>
<td>45</td>
</tr>
<tr>
<td>Makoil</td>
<td>E Inselberg</td>
<td>1</td>
<td>14</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td></td>
<td>71</td>
<td>281,875</td>
</tr>
</tbody>
</table>

### Table 5. Nevada Geothermal Production in 2015 by Company

<table>
<thead>
<tr>
<th>Company</th>
<th>Total Output (Sales) MWh</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ormat Nevada Inc.</td>
<td>1,797,415</td>
</tr>
<tr>
<td>Terra-Gen Dixie Valley LLC</td>
<td>462,471</td>
</tr>
<tr>
<td>NGP Blue Mountain 1 LLC</td>
<td>243,659</td>
</tr>
<tr>
<td>Enel North America Inc.</td>
<td>233,645</td>
</tr>
<tr>
<td>Patua Project LLC</td>
<td>121,026</td>
</tr>
<tr>
<td>Beowawe Power LLC</td>
<td>100,569</td>
</tr>
<tr>
<td>USG Nevada LLC</td>
<td>79,538</td>
</tr>
<tr>
<td>Cyrq Energy</td>
<td>66,864</td>
</tr>
<tr>
<td>Homestretch Energy</td>
<td>9,655</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>3,114,842</strong></td>
</tr>
</tbody>
</table>
Wild Rose production wells, Mineral County
(Lowell Price photo).

Huck Salt, Churchill County
(Rich Perry photo).
Index

Adams Claim Gypsum Mine 5
Apex Quarry 25
Argenta Mine 12
Bald Mountain Mine 19
Basalt Diatomite Mine 22
Betze-Post Mine 11
Big Ledge Mine 18
Blue Diamond Hill Mine 25
Borealis Mine 21
Carlin Operations 11
Churchill Mine 20
Clark Mine 5
Coeur Rochester Mine 8
Colado Mine 8
Cortez Hills Mine 12
Denton-Rawhide Mine 21
Fernley Diatomite Operations 21
Fire Creek Mine 12
Florida Canyon Mine 8
Greystone Mine 12
Hazen Mine 21
Heart of Nature 23
Hollister Mine 18
Huck Salt 21
Hycroft Mine 6
IMV Nevada 23
Jerritt Canyon Mine 19
Lima Nevada Gypsum Mine 25
Lone Tree Complex 6
Lucerne Mine 5
Lucky Boy Quarry 21
Manhattan Gulch Mine 23
Marigold Mine 7
Meikle Mine 19
Midas Mine 19
MIN-AD Mine 7
Mineral Ridge Mine 23
Mt. Moriah Quarry 19
Mountain Spring Mine 12
Nassau Mine 8
NCC Flanigan Clay Mine 5
NCC Fernley Operations 5
Nightingale Mine 21
PABCO Gypsum Mine 25
Pan Mine 19
Perlite Mine 21
Phoenix Mine 12
Pilot Peak Quarry 19
Pinson Mine 7
Pipeline Mine 12
Premier Magnesia 23
Rainbow Quarry 25
Relief Canyon Limestone Mine 8
Robinson Mine 19
Rossi Mine 19
Ruby Hill Mine 11
Sexton Mine 8
Silver Peak Lithium Operations 23
Simplot Silica Products 25
Smoky Valley Common Operation 23
Sterling Mine 23
Sunrise Placer Mine 8
Tenacity Perlite Mine 25
Turquoise Ridge Joint Venture 7
Twin Creeks Mine 7