



# Mineral Industry Surveys

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## **ACTIVE METAL AND INDUSTRIAL MINERAL UNDERGROUND MINES IN THE UNITED STATES IN 2003**

Mining companies with underground mines that were active in 2003 and surveyed by the U.S. Geological Survey (USGS) are listed in this report. The list was derived from data reported on the Mine, Development, and Mineral Exploration Supplement, a statistical survey conducted by the USGS, and from data reported on other individual mineral commodity production surveys. Data for 2003 were derived from annual USGS production and consumption surveys of nonfuel mineral producers; these surveys covered 58 nonfuel mineral commodities produced in the United States. Nonfuel minerals do not include coal, coke, petroleum, and related products.

Total domestic mining for nonfuel mineral materials at underground operations amounted to 124 million metric tons (Mt) in 2003. Crude ore mined at these underground operations was 121 Mt. The balance was ore and waste from development. Total underground mining for industrial minerals amounted to 107 Mt, of which nearly all was crude ore. Underground mining for metal ores amounted to 17 Mt, of which 83% was crude ore.

Company name, as listed in table 1, represents the mine owner. The mine operator, where known, is shown in parentheses. Mineral commodity data listed in table 1 are reported according to the primary product of a mine or operation. The primary product is determined by the product with the highest total value for the year.

**TABLE 1.—METAL AND INDUSTRIAL MINERAL UNDERGROUND MINES IN THE UNITED STATES WITH REPORTED PRODUCTION IN 2003**

| State and Company  | Operation <sup>1</sup>  | Commodity <sup>2</sup>                     | County                                     |
|--|---|--|--|
| <b>Alabama</b>   |   |  |  |
| Fort Payne Quarry LLC  | Fort Payne Quarry   | Stone, crushed                             | De Kalb                                    |
| Rock Products, Inc.  | Sylacauga Quarry  | do.  | Talladega                                  |
| <b>Alaska</b>  |   |  |  |
| Kennecott Minerals Company<br>and Hecla Mining Company<br>(Kennecott Greens Creek<br>Mining Company)                             | Greens Creek Mine   | Silver                                     | Juneau                                     |
| <b>Arkansas</b>  |   |  |  |
| Unimin Corporation   | Guion Mine  | Sand and gravel, industrial                | Izard                                      |
| <b>California</b>  |   |  |  |
| American Borate Co.  | Billy Mine  | Borates                                    | Inyo                                       |
| <b>Colorado</b>  |   |  |  |
| Phelps Dodge Corp.   | Henderson Mine  | Molybdenum                                 | Clear Creek                                |
| <b>Georgia</b>   |   |  |  |
| Huber Engineered Mineral<br>Imerys Marble, Inc.<br>(Georgia Marble Co.)  | Marble Hill Mine<br>Mine #1<br>New York Mine<br>Mine #4   | Stone, crushed<br>do.<br>do.<br>do.        | Pickens<br>Gilmer<br>Pickens<br>Do.        |
| Oglebay Norton Co.<br>(Global Stone Filler Products, Inc.)   | Cisco Mine<br>Marble Hill Mine  | do.<br>do.                                 | Murray<br>Gilmer                           |
| <b>Idaho</b>   |   |  |  |
| Hecla Mining Company   | Lucky Friday Mine   | Silver                                     | Shoshone                                   |
| <b>Illinois</b>  |   |  |  |
| Fred Weber, Inc.<br>J.M. Huber Corp.<br>Martin Marietta Aggregates<br>The Western Sand & Gravel Co.<br>(Conco-Western Stone Co.) | Bluff City Minerals<br>Quincy Mine<br>Kaskaskia Quarry<br>Aurora Quarry and Mine  | Stone, crushed<br>do.<br>do.<br>do.        | Madison<br>Adams<br>Randolph<br>Kane       |
| <b>Indiana</b>   |   |  |  |
| Hanson Building Materials America<br>Martin Marietta Aggregates  | Harding Street Quarry<br>Kentucky Avenue Mine<br>and Mill<br>Kokomo Stone Quarry<br>River Avenue Quarry<br>#241 Noblesville Stone | Stone, crushed<br>do.<br>do.<br>do.<br>do. | Marion<br>Do.<br>Howard<br>Hamilton<br>Do. |
| National Gypsum Co.  | Shoals Mine   | Gypsum, crude                              | Martin                                     |
| <b>Iowa</b>  |   |  |  |
| Bruening Rock Products, Inc.<br>Douds Stone, Inc.  | S&S Quarry<br>Lyle Mine<br>Underground Mine   | Stone, crushed<br>do.<br>do.               | Marion<br>Keokuk<br>Van Buren              |
| Martin Marietta Aggregates   | Ames Mine<br>Fort Dodge Mine<br>Malcom Mine<br>Sully Mine   | do.<br>do.<br>do.<br>do.<br>do.            | Story<br>Webster<br>Poweshiek<br>Jasper    |

See footnotes at end of table.

| State and Company                                   | Operation <sup>1</sup>                          | Commodity <sup>2</sup> | County     |
|---|---|------------------------|------------|
| <b>Iowa (continued)</b>                             |   |                        |            |
| McCarthy Bush (Linwood Mining and Minerals Corp.)   | Linwood Mine                                    | do.                    | Scott      |
| U.S. Gypsum Co.                                     | Sperry Mine                                     | Gypsum, crude          | Des Moines |
| <b>Kansas</b>                                       |   |                        |            |
| AmeriCold Logistics, LLC.                           | Inland Quarries                                 | Stone, crushed         | Wyandotte  |
| Bromley Quarry & Asphalt, Inc.                      | Bromley Mine and Mill                           | do.                    | Atchison   |
| Georgia Pacific Corp.                               | Blue Rapid Mine                                 | Gypsum, crude          | Marshall   |
| <b>Kentucky</b>                                     |   |                        |            |
| Allen Co., Inc., The                                | Boonesboro Quarry                               | Stone, crushed         | Madison    |
| Carneuse North America                              | Black River Mine                                | do.                    | Pendleton  |
|   | Maysville Mine                                  | do.                    | Mason      |
|   | Tyrone Mine                                     | do.                    | Anderson   |
| Hanson Building Materials America                   | Yellow Rock Mine and Mill                       | do.                    | Lee        |
|   | Glenns Creek Mine and Mill                      | do.                    | Franklin   |
| Harrod Concrete & Stone Co.                         | Casey Stone Co. Pit                             | do.                    | Casey      |
| Hinkle Contracting Corporation                      | Catnip Hill Quarry                              | do.                    | Jessamine  |
| Lexington Quarry Company                            | Lockport Quarry and Mine                        | do.                    | Henry      |
| Liters Quarry of Indiana Inc.                       | Rock Springs Mine                               | do.                    | Oldham     |
| M.A. Walker Co., Inc.                               | Clover Bottom Underground Mine                  | do.                    | Jackson    |
| Nally & Gibson Georgetown LLC                       | Georgetown Quarry                               | do.                    | Scott      |
| Rogers Group, Inc.                                  | Jefferson Quarry                                | do.                    | Jefferson  |
|   | Marion Mine and Mill                            | do.                    | Crittenden |
|   | Oldham County Mine<br>(Oldham County Stone Co.) | do.                    | Oldham     |
|   | Princeton Mine                                  | do.                    | Caldwell   |
| Scottys Contracting & Stone LLC                     | Grayson Underground Mine                        | do.                    | Grayson    |
| Sterling Ventures LLC                               | Sterling Material Mine                          | do.                    | Gallatin   |
| Vulcan Materials Company                            | Central #512 Quarry                             | do.                    | Fayette    |
|   | Richmond Road #510 Quarry                       | do.                    | Do.        |
| Yager Materials, Inc.<br>(Riverside Stone Co.)      | Riverside Underground Mine                      | do.                    | Meade      |
| <b>Maryland</b>                                     |   |                        |            |
| Maryland Materials, Inc.                            | Thayerville Mine                                | Stone, crushed         | Garrett    |
| <b>Michigan</b>                                     |   |                        |            |
| Georgia Pacific Corp.                               | Grand Rapids Mine                               | Gypsum, crude          | Kent       |
| <b>Missouri</b>                                     |   |                        |            |
| Doe Run Resources Corp.                             | Brushy Creek Mine                               | Lead                   | Reynolds   |
|   | Buick Mine                                      | do.                    | Iron       |
|   | Casteel Mine                                    | do.                    | Do.        |
|   | Fletcher Mine                                   | do.                    | Reynolds   |
|   | Sweetwater Mine                                 | do.                    | Do.        |
|   | Viburnum #28 Mine                               | do.                    | Iron       |
| Hunt Midwest Enterprises, Inc.                      | Randolph Mine                                   | Stone, crushed         | Clay       |
| Lafarge North America, Inc.                         | Sugar Creek Mine                                | do.                    | Jackson    |
| Martin Marietta Aggregates                          | Parkville #378 Quarry                           | do.                    | Platte     |
| Norris Aggregate Products Co.                       | Limestone Quarry                                | do.                    | Randolph   |
| Springfield Underground, Inc.<br>(Joplin Stone Co.) | Springfield Mine                                | do.                    | Greene     |
| Table Rock Asphalt Constr. Co., Inc.                | Quarry #1                                       | do.                    | Taney      |
|   | Quarry #3                                       | do.                    | Stone      |

See footnotes at end of table.

| State and Company  | Operation <sup>1</sup>                          | Commodity <sup>2</sup>       | County                   |
|--|---|------------------------------|--------------------------|
| <b>Montana</b>   |   |                              |                          |
| Stillwater Mining Co.  | East Boulder Mine<br>Stillwater Mine            | Platinum-group metals<br>do. | Sweetgrass<br>Stillwater |
| <b>Nevada</b>  |   |                              |                          |
| Anglo Gold Ltd./Meridian Gold Co.<br>(Independence Mining Co., Inc.) | Jerritt Canyon Mine                             | Gold                         | Elko                     |
| Barrick Gold Corporation   | Meikle Mine                                     | do.                          | Do.                      |
| Echo Bay Mines Limited   | McCoy/Cove Mine                                 | do.                          | Lander                   |
| Newmont Gold Company   | Carlin Mines operations (5 mines)<br>Midas Mine | do.<br>do.                   | Elko and Eureka<br>Elko  |
| <b>New Mexico</b>  |   |                              |                          |
| IMC Potash   | IMC Potash Mine and Mill                        | Potash                       | Eddy                     |
| Mississippi Potash, Inc.   | Mississippi Potash Mine and<br>Mill (2 mines)   | do.                          | Do.                      |
| Molycorp, Inc.   | Questa Mine                                     | Molybdenum                   | Taos                     |
| <b>Ohio</b>  |   |                              |                          |
| Stone Creek Brick Co.  | Clay Mine                                       | Clay                         | Tuscarawas               |
| <b>Oklahoma</b>  |   |                              |                          |
| Oglebay Norton Co.   | #2 Marble City Operation                        | Stone, crushed               | Sequoyah                 |
| <b>Pennsylvania</b>  |   |                              |                          |
| Better Materials Corp.   | Blue Stone Quarry                               | Stone, crushed               | Westmoreland             |
| Bradys Bend Corp   | Kaylor #3 Mine                                  | do.                          | Armstrong                |
| Cemex, Inc.  | Thomasville Mine                                | do.                          | York                     |
| Coolspring Stone Supply, Inc.  | Coolspring Quarry                               | do.                          | Fayette                  |
| Graymont, Inc.   | Genteel Quarry                                  | do.                          | Centre                   |
| M & M Lime Co., Inc.   | Underground Mine Quarry                         | do.                          | Armstrong                |
| Winfield Lime & Stone Co., Inc.                                      | Winfield Mine and Mill                          | do.                          | Butler                   |
| <b>South Dakota</b>  |   |                              |                          |
| Barrick Gold Company   | Homestake Mine                                  | Gold                         | Lawrence                 |
| <b>Tennessee</b>   |   |                              |                          |
| Columbia Rock Products Corp.   | Quarry #1                                       | Stone, crushed               | Maury                    |
| Franklin Industries  | Anderson Mine                                   | do.                          | Franklin                 |
|  | Crab Orchard Mine                               | do.                          | Cumberland               |
| Oglebay Norton Co.<br>(Global Stone Tenn-Luttrell Co.)               | Chesney #3 Underground Mine                     | do.                          | Union                    |
| Pasminco Ltd.  | Clinch Valley Mine                              | Zinc                         | Grainger                 |
|  | Gordonsville Mine                               | do.                          | Smith                    |
| Rinker Material Corp.<br>(American Limestone Co.)                    | Coy Stone Mine                                  | Stone, crushed               | Jefferson                |
|  | Young Stone Plant                               | do.                          | Do.                      |
| <b>Texas</b>   |   |                              |                          |
| J.M. Huber Corp.   | Marble Mine                                     | Stone, crushed               | Burnet                   |
|  | Huber Engineered Mine                           | do.                          | Do.                      |
| Texas Architectural Aggregates                                       | Van Horn Mine                                   | do.                          | Culberson                |
| <b>Utah</b>  |   |                              |                          |
| Graymont Western US, Inc.  | Cricket Mountain Quarry                         | Stone, crushed               | Millard                  |
| <b>Virginia</b>  |   |                              |                          |
| Morefield Gem Mine, Inc.   | Morefield Mine                                  | Gemstones                    | Amelia                   |

See footnotes at end of table.

| State and Company          | Operation <sup>1</sup>    | Commodity <sup>2</sup> | County     |
|----------------------------|---------------------------|------------------------|------------|
| <b>West Virginia</b>       |                           |                        |            |
| Greer Industries, Inc.     | Decker Creek Mine         | Stone, crushed         | Monongalia |
|                            | Greer Mine                | do.                    | Do.        |
| Martin Marietta Aggregates | Burning Springs #428 Mine | do.                    | Wood       |
|                            | Manheim Mine              | do.                    | Preston    |

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<sup>1</sup>Excludes operations with production from brine wells and solution mining.

<sup>2</sup>Primary product of a mine or operation (highest total value for the year).