The objective of the Department is to promote the development of Arizona’s mineral resources. This is accomplished through technical research, field investigations, compilation of information into a mineral occurrence database, and disseminating information through publications, personal contacts, and seminars.

The Department’s mining engineers and geologists assist mining and exploration companies, prospectors and others interested in Arizona’s minerals with mineral processing, mineral land acquisition, exploration, mine development, financing, government regulations, and marketing.

The Department is a service agency and does not regulate, tax, or require any type of registration. The agency provides assistance that is tailored to meet the diverse needs of the public. The following is a partial list of services that the Department offers:

♦ Maintain a site-specific database of unpublished reports and maps that includes 4,000 mine files and indexes of 10,000 computerized Arizona mineral occurrences.

♦ Maintain an information bank and library of mineral and mining information including a mine map library (hard copy and microfilm), government publications, periodicals, and unpublished master and doctorate theses.

♦ Gather and disseminate information on commodities and markets.

♦ Suggest target areas for exploration activity.

♦ Suggest properties for acquisition and development.

♦ Assist individuals and companies in their dealings with regulatory agencies to facilitate their mining and exploration activity.

♦ Produce publications in the form of mineral reports, annual directories, technical reports, annual mineral industry surveys and information circulars. These publications include: *Laws and Regulations Governing Mineral Rights in Arizona, Directory of Active Mines in Arizona, Manual for Determination of Status and Ownership of Arizona Mineral and Water Rights*, and others. A listing of the Department publications is available upon request or at the Department’s website.

♦ Operate the Arizona Mining and Mineral Museum. The Museum has over 3200 specimens on display, including many of Arizona’s famous copper minerals, rock types, gemstones, fluorescent minerals, and displays on mining. Outdoor exhibits include the Boras headrame, a 5 stamp mill, a 18” gauge steam locomotive, a 12-foot haul truck tire, a 27 cubic yard shovel bucket, and mural of a 320 ton haul truck.
Active Mines in Arizona – 2007

By N.J. Niemuth, D.R. Bain, and F.S. Kimbler
Cartography and GIS Services by S.A. Eastman

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Foreword

For the purpose of this directory, an active mine is defined as a mine in continuous operation, either in production or under full-time development for production. It is acknowledged that there are additional mines not listed that are in an exploration, evaluation, or part-time development phase. There are others where production is intermittent that are not listed.

The authors compiled this directory during late 2006 thru mid 2007 by directly contacting the producers. Lists of possible producers were compiled from data of the department, MSHA, Arizona State Mine Inspector, U.S. Bureau of Land Management, U.S. Geological Survey among others.

Available on our website a Google Earth KML file for all the producing locations to supplement the Active Mines Map. Staff and budget restrictions prevent the Department from visiting many of the operations listed. For the first time, most locations were checked using imagery available on the Internet. This generally resulted in improved location information and confirmation of mining activity. Two caveats should be mentioned. The resolution quality of the available imagery varies greatly. Thus for some mines it is impossible to recognize any activity. For others the use of imagery of unknown date may lead to the false impression of no mining for recently developed operations.

Using the Directory

The directory is arranged in four sections. An overview of Arizona's Mining Industry for 2006 is provided in the first section. The Company Listing is arranged alphabetically by company name. Each listing includes corporate address, phone numbers, website, type of operation, number of employees, key personnel, mine name, commodity, location by latitude and longitude and township, range and section, and a brief description of the operation. Many of those websites may be accessed from the Department website via the Mining Industry Link page. The Commodity Index arranges the mines by 24 commodities. The company name listed after each mine name provides the key to locating the mine in the main listing. The Mine Listing and Map Key is arranged by map number and includes mine name, company name, county, and latitude and longitude.

Acknowledgements

The report is dependent on the cooperation of government agencies, private industry, and individuals who voluntarily provide information on their progress and activities. We wish to thank all those involved for their cooperation in compiling the information. They took time from their busy schedules to provide us with detailed information on personnel, mine locations, and contact information.

Special recognition and thanks goes to Steve Eastman of Eastman Mapping Services for the many hours he volunteered to produce the Active Mines Map for the directory.

Do you need this information in an alternative format? Please call the Department office at 602-771-1600.
A phenomenal rise in copper price resulted in a record value of $6.7 billion of mineral production for Arizona. That value ranked Arizona first in the nation according to preliminary data released by the USGS. The value of copper reached $5 billion, driven by prices that broke $4 per pound for the first time. Also contributing significantly were strong molybdenum prices and the second largest output of sand and gravel in the U.S. Arizona also ranked first in the value of mined gemstones. Exploration activity for copper and uranium were strong; the latter benefiting from a price that doubled during the year.

Table 1. Value of Arizona Mineral Production¹ (value in $000)

<table>
<thead>
<tr>
<th>Commodity</th>
<th>2002</th>
<th>2003</th>
<th>2004</th>
<th>2005¹</th>
<th>2006¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>Copper</td>
<td>1,280,000</td>
<td>1,390,000</td>
<td>2,130,000</td>
<td>2,640,000</td>
<td>5,080,000</td>
</tr>
<tr>
<td>Gemstone</td>
<td>1,670</td>
<td>1,440</td>
<td>1,450</td>
<td>1,370</td>
<td>1,370</td>
</tr>
<tr>
<td>S&amp;G construction</td>
<td>294,000</td>
<td>340,000</td>
<td>430,000</td>
<td>516,000</td>
<td>555,000</td>
</tr>
<tr>
<td>Stone crushed</td>
<td>51,500</td>
<td>49,100</td>
<td>57,200</td>
<td>69,300</td>
<td>61,900</td>
</tr>
<tr>
<td>Combined values²</td>
<td>318,000</td>
<td>394,000</td>
<td>710,000</td>
<td>1,120,000</td>
<td>1,020,000</td>
</tr>
<tr>
<td>Subtotal from USGS</td>
<td>$1,950,000</td>
<td>$2,180,000</td>
<td>$3,330,000</td>
<td>$4,350,000</td>
<td>$6,710,000</td>
</tr>
<tr>
<td>Coal³</td>
<td>307,000</td>
<td>289,000</td>
<td>312,000</td>
<td>296,000</td>
<td>208,000</td>
</tr>
<tr>
<td>Total</td>
<td>$2,235,000</td>
<td>$2,469,000</td>
<td>$3,462,000</td>
<td>$4,646,000</td>
<td>$6,918,000</td>
</tr>
</tbody>
</table>

1. US Geological Survey (USGS) data except as noted; totals rounded to nearest million.
2. Includes cement, clay, gold, gypsum, lime, molybdenum, perlite, salt, sand and gravel (industrial), silver, stone (dimension), and zeolites.
3. Arizona Department of Mines and Mineral Resources value for coal.

Copper and Molybdenum

The copper price continued to increase spectacularly, rising to a record average price in 2006. The U.S. Copper Cathode Producer price increased $1.41 per pound, an 82% increase to average $3.14 per pound. Prices rose during the year to reach an all time high of $4.13 in May, after which they trended slowly downward for the rest of the year. The value of by-product molybdenum recovered at the Bagdad and Sierrita mines remained near historic highs but decreased from last year’s record levels. The mean annual Molybdenum Dealer Oxide price reported by Platts Metals Week averaged $24.75 per pound in 2006, a $6.98 decline. The metal contributed significantly to the dramatic rise in the value of the state’s mineral production. Increased copper production at Mission and the other major mines was enough to offset a large drop at Bagdad, resulting in Arizona’s copper production rising for the first time since 1997.

Table 2. US and Arizona Copper Production and Prices

<table>
<thead>
<tr>
<th>Year</th>
<th>US (metric ton)</th>
<th>Arizona (metric ton)</th>
<th>Arizona (billion lbs)</th>
<th>Change</th>
<th>Price¹ cents/lb</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>2002</td>
<td>1,140,000</td>
<td>767,000</td>
<td>1.690</td>
<td>-13.3%</td>
<td>75.8</td>
<td>-1.6%</td>
</tr>
<tr>
<td>2003</td>
<td>1,130,000</td>
<td>741,000</td>
<td>1.630</td>
<td>-3.3%</td>
<td>85.25</td>
<td>12.4%</td>
</tr>
<tr>
<td>2004</td>
<td>1,170,000</td>
<td>723,000</td>
<td>1.590</td>
<td>-2.5%</td>
<td>133.94</td>
<td>57.1%</td>
</tr>
<tr>
<td>2005</td>
<td>1,140,000</td>
<td>691,000</td>
<td>1.520</td>
<td>-4.4%</td>
<td>173.49</td>
<td>29.5%</td>
</tr>
<tr>
<td>2006</td>
<td>1,200,000</td>
<td>713,000</td>
<td>1.570</td>
<td>5.7</td>
<td>314.75</td>
<td>81.9%</td>
</tr>
</tbody>
</table>

Source: USGS production data
1. Metals Week U.S. Copper Cathode Producer

Phelps Dodge

The high copper prices produced record results for Phelps Dodge. For 2006 the company posted a record $3.0 billion net income. A relatively “pure” copper producer, Phelps Dodge’s financial performance is heavily influenced by the price of copper. The company reported that based on anticipated market and production conditions for 2007 every penny change in the copper market would impact its earnings by $29 million! Such financial success does not come without attracting attention or complications however. In an attempt to invest its rapidly accumulating assets in mid-year, Phelps Dodge made an
Arizona’s Mineral Industry - 2007

unsuccessful bid to acquire both Inco and Falconbridge. In November the company agreed to merge with Freeport McMoran Copper and Gold (FCX). The merger was completed in early 2007 and FCX has moved its headquarters into Phelps Dodge’s offices in Phoenix. The $25.9 billion acquisition forms the world’s largest publicly traded copper company.

Phelps Dodge’s mines accounted for the majority, nearly three fourths, of Arizona’s copper production. The Morenci mine is the largest copper-producing complex in the U.S. In 2006 it produced 815 million pounds of copper, over half of Arizona’s total. After being an all leach operation since 2001, concentration resumed in the second quarter. The 54,000 TPD concentrator restart is part of a $210 million investment at Morenci. Phelps Dodge is installing two pressure leach vessels as the heart of the world’s first commercial scale concentrate-leach, direct electrowinning plant. The plant is projected to begin operation in mid-2007 with a capacity of 150 million pounds per year. When completed, the pressure leaching plant will use medium-temperature technology (160° C) to produce 150 million pounds annually. This process generates significantly less sulfuric acid than the high temperature process used at Bagdad, but requires less oxygen. Morenci’s mining capacity is expected to be 870,000 TPD by mid-2007 for the combined leach and mill operation.

Phelps Dodge also operates the state’s third and fourth largest copper mines that recover large amounts of by-product molybdenum. In 2006 Bagdad recovered 10.3 million pounds while Sierrita, with Arizona’s largest mill capacity of 112,000 TPD, recovered 20 million pounds. Sierrita operates two molybdenum roasters, a rhenium processing facility, as well as a copper sulfate plant. That plant produced an additional 8.3 million pounds of copper sulfate (approximately 25% copper). In addition to its proven and probable reserves of 1.02 billion tons grading 0.26% copper and 0.03% molybdenum Phelps Dodge reported that Sierrita also contains 2.67 billion tons of mineralized material grading 0.21% copper and 0.02 percent molybdenum.

In July the Safford project received its final required permit, an air quality permit from the Arizona Department of Environmental Quality. Shortly thereafter construction began of the first major open pit mine copper mine since San Manuel open pit mine and leach operation opened in 1986. Phelps Dodge is investing $550 million to build the two new open pits, Dos Pobres and San Juan, and a giant heap leach SX-EW facility. Production is anticipated to begin in mid-2008 at an annual rate of 240 million pounds per year. An 18-year life is expected for the deposits combined 538-million tons that contain 0.37% copper. The planned crushing facility will have a design rate of 114,000 TPD while mining capacity should be 314,000 TPD. The development is having a major positive impact on the local economy by generating 500 construction and 500 permanent jobs. A major drilling program was conducted at the Lone Star deposit area about 4 miles from Dos Pobres.

Asarco

Asarco benefited not only from higher prices, but continued operation under the protection of the U.S. Bankruptcy Court. Asarco’s three mines produced 375 million pounds of copper including Mitsui’s share of Silver Bell. Court filings show Asarco had a net income for 2006 of $571 million and had cash assets of $497 million at year’s end. The company received court approval to spend some of those assets on operating equipment. A new labor contract was negotiated that provided not only improved wages and benefits for the workers, but also requires any buyer to honor the union contract in the event the company is sold.

In June Asarco ordered nine 400-ton Liebherr T282B trucks for Ray that were scheduled for early 2007 delivery. These would be the largest capacity haul trucks in Arizona. The Ray mine typically moves 250,000 TPD. Mission would also benefit by getting surplus trucks from Ray to further increase its production. Asarco also purchased the Copper Basin Railway for $11.5 million. Its 20 miles of rail connects the Ray mine to the Hayden mill and smelter complex and has 37 miles of rail connecting to the mainline.

Production at Mission increased 150%, reaching the highest level since 2001. Mission’s output will further increase with the restart of the byproduct molybdenum concentration circuit. Production resumed in December following a $775 thousand refurbishing and hiring 17 new employees. It is expected to recover 450,000 pounds of molybdenum per year. Consultants SRK were hired to revaluate Mission’s resource and mining plans.

Stargo Canyon heap leach at Phelps Dodge’s Morenci mine, Greenlee County
Other Companies

Resolution Copper Company continued drilling on the deep, high grade Resolution Copper deposit in Pinal County. By year’s end about 50 holes had been completed as limited access and the required directional drilling make for slow exploration. An aggressive drill campaign is planned for the next three years to reach a stage where a pre-feasibility study can be conducted. Underground work was initiated to rehabilitate and extend the Neversweat tunnel in preparation for the deepening of the number 9 shaft and sinking of the number 10 shaft. The Arizona Legislature passed a bill that would create Tam O’Shanter Park, a climbing area to compensate for the loss of climbing areas at Oak Flats. Its creation would also require passage by Congress of a land exchange facilitating the development of Resolution Copper.

Mercator Minerals’ improvements to the SX-EW plant led to a 48% increase in copper production to 9.5 million pounds. Far larger increases are planned for the resumption of concentrating copper and molybdenum. Mercator had planned to expand to a 37,000 TPD milling operation using Asarco’s inactive Mission South Mill.

The Impact of the Copper Industry on the Arizona Economy

- In 2006 the Arizona copper industry had a combined direct and indirect impact on the Arizona economy of $4.7 billion
- The copper industry directly employed 8,200.
- Arizona produced 787,236 tons of copper in 2006.
- The impact of Arizona’s copper industry was $27.5 billion on the national economy.

Note: The figures for the direct and indirect impact of copper on the Arizona economy are lower than the value of copper produced in Table 1 because:
  - Some of the copper produced may have been sent out-of-state for processing
  - The price of copper rose, but the associated costs did not increase proportionately and sale

Compiled by WEAC for the Arizona Mining Association
### Table 3. Arizona Copper Production – 2002 – 2006

<table>
<thead>
<tr>
<th>Mine, Company</th>
<th>2002</th>
<th>2003</th>
<th>2004</th>
<th>2005</th>
<th>2006</th>
</tr>
</thead>
<tbody>
<tr>
<td>Morenci, Phelps Dodge &amp; Sumitomo</td>
<td>825.4</td>
<td>842.4</td>
<td>840.6</td>
<td>800.0</td>
<td>815.6</td>
</tr>
<tr>
<td>Ray, Asarco</td>
<td>382.1</td>
<td>272.0</td>
<td>241.2</td>
<td>225.1</td>
<td>232.9</td>
</tr>
<tr>
<td>Bagdad, Phelps Dodge</td>
<td>168.0</td>
<td>214.0</td>
<td>220.2</td>
<td>201.2</td>
<td>165.4</td>
</tr>
<tr>
<td>Sierrita, Phelps Dodge</td>
<td>152.4</td>
<td>151.2</td>
<td>155.0</td>
<td>158.6</td>
<td>161.6</td>
</tr>
<tr>
<td>Mission, Asarco</td>
<td>80.7</td>
<td>51.6</td>
<td>54.0</td>
<td>38.2</td>
<td>95.6</td>
</tr>
<tr>
<td>Silver Bell, Asarco and Mitsui</td>
<td>45.0</td>
<td>48.6</td>
<td>47.5</td>
<td>47.7</td>
<td>46.9</td>
</tr>
<tr>
<td>Pinto Valley, BHP</td>
<td>25.1</td>
<td>22.0</td>
<td>20.3</td>
<td>19.4</td>
<td>18.1</td>
</tr>
<tr>
<td>Miami, Phelps Dodge</td>
<td>21.0</td>
<td>35.6</td>
<td>19.6</td>
<td>24.6</td>
<td>19.0</td>
</tr>
<tr>
<td>Mineral Park, Mercator</td>
<td>3.1</td>
<td>3.2</td>
<td>3.7</td>
<td>6.4</td>
<td>9.5</td>
</tr>
<tr>
<td>Tohono, Phelps Dodge</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>5</td>
<td>5.2</td>
</tr>
<tr>
<td>San Manuel, BHP</td>
<td>4.0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>1,706.8</td>
<td>1640.6</td>
<td>1602.1</td>
<td>1526.2</td>
<td>1569.8</td>
</tr>
</tbody>
</table>

Data from company annual reports, form 10-ks, etc.


Asarco, in U.S. Bankruptcy Court, challenged that purchase, even though the purchase was made prior to Asarco declaring bankruptcy. Mercator decided to proceed with an even larger expansion. In December it placed orders for two new 7,500 hp ball mills and three used 32-foot SAG mills with a projected capacity of 50,000 TPD. When the expansion is completed annual mill recovery of over 40 million pounds of copper and 10 million pounds of molybdenum is expected. A preliminary feasibility study reported proven and probable mill reserves of 437 million having a copper equivalent grade of 0.38%.

Quadra’s board approved raising the money to construct the Carlota open pit, leach, SX-EW project. Initial capital costs are estimated to be $189 million. The solvent extraction plant (formerly San Manuel’s) acquired as part of the purchase is on site while the mining equipment is expected to arrive and be assembled soon. A NI43-101 compliant report published in October reported reserves of 88 million tons grading 0.45% copper for the deposit, enough for a nine-year mine life at a production rate of 66 million pounds per year.

BHP Copper worked toward reopening the Pinto Valley mine in 2007 with plans to mine slice 6 that is expected to provide 5 years of feed for the mill. BHP and Carlota Copper began cleanup of the Gibson mine acid drainage located above both properties. As part of the $2.5 million cleanup of Pinto Creek about 120,000 tons of sulfide material is being moved from the Gibson mine to Pinto Valley. The Friars own the Gibson mine, but BHP and Quadra provided funds for the project.

Augusta Resources continued with an aggressive schedule for the Rosemont project. Although the project contains four deposits, work has focused on advancing the Rosemont porphyry skarn occurrence with 543 million tons with a 0.75% Cu equivalent grade. It conducted a 20,000 meter drill program to better define areas of oxide mineralization, provide information on gold and silver grades, and obtain geotechnical information to support open pit slope design. The company acquired rights to use Central Arizona Project water for the project and plans to begin storing water underground in 2007. Dry tailings disposal is planned to conserve water. To eliminate dust and eliminate future acid mine drainage issues, tailings will be placed with high carbonate waste rock. A preliminary plan of operations was submitted to the Coronado Forest Service for mill, leach, and waste facilities.

Two companies were active exploring in the Copper Creek district. Redhawk Resources has acquired a large portion of this district consisting of high-level breccia pipes and lower level porphyry copper targets. The company conducted a re-logging and sampling program of 80,000 feet of existing core to complete a NI43-101 compliant resource estimate for Mammoth, Childs-Aldwinkle, and Old Reliable and Keel zone. Redhawk announced a 10,000 feet core-drilling program to begin at the Mammoth deposit. Goals are to expand the deposit, test the deeper Keel zone, and to drill across the breccia structure to test contact zones. Bell Resources began a 10-hole, 4,500-foot drill program on the Sombrero Butte property including portions acquired from Silver Nickel Mining. Results reported included grades of 4.7% copper over plus 20 meters. These and other encouraging results are extending the drilling program into 2007.

Bell Resources also conducted airborne and IP geophysics along with geochemistry to identify drill targets at its Kabba porphyry copper target in Mohave County. St. Geneviève Resources released a NI43-101 technical report for the Zonia mine, Yavapai County, that reported an inferred resource of 63 million of 0.37% copper from a database of 447 holes representing 113,297 feet of previous drilling. The company has decided to focus its efforts on the larger leach potential here rather than at the smaller Emerald Isle project. General Minerals op-
tioned the Monitor property, located near the Ray mine, to Teck Cominco who completed a six-hole, 1,160-meter diamond drill program to test previously identified copper and silver targets. Teck dropped their interest after releasing mixed drill results. Big Bar Gold recently optioned the nearby Troy prospect from Silver Nickel Mining. Big Bar Gold also completed a 19-hole drill program at Yuma King that extends known mineralization of the small, but high grade, 3.0%, copper deposit. Aurelio Resources signed a purchase agreement to acquire Hope Mining and Milling’s patented mining claims at Courtland Gleason. It announced approximately 50 million tons of near-surface copper oxide resources. The company began a 7,500-foot core-drilling program designed to confirm and expand prior work from 170 historic drill holes from the MAN and Courtland properties. At Sheep Mountain, Lone Tree Exploration LLC has acquired the property and assembled historic exploration and drill data. Structural complexities and Miocene volcanism suggest areas of interest. Lebon Gold optioned a second area of mineralization, to the west, from Minquest. A drill program of 3 to 8 holes began in early 2007.

In addition to Phelps Dodge a number of groups were active in the Safford district. Franconia Resources started a core-drilling program on Red Knoll following up on a 4-line 17 km geophysical (Titan 24 IP) survey. Four holes totaling 10,000 feet are planned. At Sol Dos Entrée Gold conducted 13 miles of IP and magnetic geophysical lines to define drill targets. General Minerals has optioned the Markham Wash property to Teck Cominco. Nord Resources reported it will do IP work followed by drilling in 2007 on Coyote Springs. Southwest Exploration Group has done work identifying three targets for additional exploration. They include the untested Mine Wash in the northwestern portion of the district, Safford West covering an IP anomaly buried by younger alluvium, and the Teague Springs prospect.

**Industrial minerals**

National Gypsum announced plans to build a state-of-the-art $140 million wallboard plant at Eloy, mid-way between Phoenix and Tucson. Expected to be operational by mid-2008 and creating 100 jobs, the plant will have a production-capability of one billion square feet of wallboard annually, enough to complete 100,000 average-sized homes. The site chosen is close to the gypsum quarries located in the San Pedro Valley, near the junction of Interstate Highways 10 and 8, and has rail access. The Eloy plant will serve regional markets from Los Angeles to Albuquerque by truck; distant markets such as Boise and Seattle will be served by rail.

Eloy was additionally in the news when El Paso Corporation announced plans to construct an underground natural gas storage facility near there. The plans call for four underground salt caverns capable of storing 3.5 billion cubic feet of natural gas. The facility will be able to deliver 350 million cubic feet of natural gas per day, enough to meet the energy needs of 735,000 homes. El Paso expects to file an application for project approval with the Federal Energy Regulatory Commission. The first cavern could be in service by mid-2010 and the remaining three caverns by 2011-2012. The company based their decision to place this facility in central Arizona on the predication that Arizona will be one of the fastest-growing states in the nation during the next 30 years and the state’s lack of natural gas storage.

In September 2007, Lafarge North America purchased Sun State Rock and Materials Corporation in Sun City. Sun State, a private corporation, has been doing business in Phoenix for over 20 years. The operation has 90 employees and 4 aggregate operations.

Englehard Corporation broke ground on a multi-million dollar facility to produce hydro frac sand prop-pants in Sanders near its Cheto deposit. Propants are used to enhance production rates of oil and gas fields. The plant is expected to reach full production in 2007.

Georgia Pacific has opened new gypsum quarries on Arizona Strip state land in northern Arizona. These will become the largest producers of mineral revenue on state trust lands. The gypsum will go to the Las Vegas market for wallboard.

Drake Cement received the record of decision for Cedar Glade, a proposed limestone quarry near Drake, in north central Arizona in November. After reviewing their Environmental Assessment, the Prescott National Forest found no significant impact. Drake plans to extract up to 1 million TPY of limestone for a proposed cement plant.
Uranium

With the spot price for uranium hitting $72/lb. in December of 2006, doubling the price at the end of 2005, uranium exploration in Arizona continued at a high level. Uranium activity was concentrated in three areas of Arizona in 2006 - the collapse breccia pipes on the Colorado Plateau, central Arizona, and the Date Creek Basin in west central Arizona.

Plateau Breccia Pipes

Numerous companies were active acquiring prospective ground hosting high grade (up to 1%) uranium mineralization in solution collapse breccia pipes. Highlights of activity are as follows.

International Uranium (merged with Denison in December) anticipates its developed Arizona One (grade 0.65%) property will be online in summer 2007. Resulting ore will be trucked to its White Mesa mill located in southeastern Utah. Denison also controls the developed Pine Nut and partially developed Canyon Pipe (grade 0.95%).

Tournigan Gold and its US partner Sweetwater River Resources announced results from soil geochemical surveys over 65 suspected pipes that returned positive anomalies over 17 pipes on the north rim. Further geophysical investigations are planned. The company acquired additional ground and now controls 84 potential pipe targets. Tournigan believes these claims may represent the largest holding of breccia pipe targets in the Arizona Strip district.

Liberty Star Gold continued exploration on its extensive holdings with drilling on three of its most appealing targets.

Vane Resources has four confirmed breccia pipes and received approval for drilling at its Miller and Red Dike properties on the Coconino Plateau.

Quaterra Resources in December began a geophysical survey coupled with helicopter-assisted blanket staking of more than 5,000 new claims that have been selectively chosen to cover most of the high priority anomalies in the center of the uranium district. Quaterra is the first company to extensively test the VTEM system in the district. The survey was designed to identify new targets with geophysical signatures that are similar to previously recognized breccia pipes.

US Energy has 27 targets to be evaluated; drilling early in 2006 confirmed two breccia pipes. Quincy (acquired by Energy Metals) completed exploratory drilling on the Rose pipe and is evaluating core samples and logging results.

Central Arizona

Golden Patriot Corp. exercised its option to acquire a 60% interest in the past-producing Lucky Boy mine in Gila County after drilling on the property. The company tested over 4,000 pounds of samples with results showing uranium grades from 0.12% to 0.13%. In the 1950s, the Lucky Boy was one of the first uranium properties to go into production in central Arizona producing over 2,000 tons of 0.16% ore in the 1950s, and one of the last to produce in the late 1970s, 10,000 lbs of U₃O₈ from heap leach operations.

Rodinia Minerals optioned 40% of the Lucky Boy from Golden Patriot. Rodinia also has a joint venture with Patriot on the Mormon Lake Property in Gila County. The company conducted drilling in the Pennsylvanian sediments below Promontory Butte. Rodinia acquired properties in the Sierra Ancha Mountains where previous production from the area includes the Workman Creek and Red Bluff mines totaling more than 115,000 lbs of U₃O₈.

Also nearby, UraniumCore Company agreed to acquire a 75% interest in Rodinia’s Suckerite, Pendleton Mesa, Coon Creek, and Oak Creek properties in the same district.

Yukon Resources in August 2006, acquired 69 claims contiguous to Rodinia’s Workman Creek project and will evaluate and conduct fieldwork.

Tertiary Chapin Wash Formation (Date Creek Basin)

Past-producing mines and previously drilled properties were examined and acquired in the Date Creek Basin of west central Arizona. These properties are situated within Miocene lacustrine/Paludal sedimentary rocks. The uranium mineralization occurs as stratabound units in carbonaceous siltstones and mudstones.

Concentric Energy is evaluating extensive historic data on the past-producing Anderson
Mine in Yavapai County. The company drilled 23 holes to confirm resources defined during the 1970s from prior explorers plus 1,000 hole-drilling programs. The work completed in late 2006 verified 43% of historic resource estimates.

Universal Uranium acquired properties to the west in the Artillery Peak range. The uranium mineralization and stratigraphy is similar to the Anderson uranium mine.

**Coal**

Hopes were raised that the Black Mesa mine could resume production when Salt River Project announced that they would organize a group to acquire the closed Mohave generating plant and would increase its 5% ownership share to 20%. The generating plant was the sole consumer of the Black Mesa mine coal. Despite upgrades required at the plant, SRP believed it would be cheaper than building a new plant. Later SRP announced that it was ending its efforts when tribal and regional environmental groups asked the Office of Surface Mining and Reclamation to redraft the Black Mesa Project draft EIS.

Peabody’s adjacent Kayenta mine in Navajo County, that supplies the Navajo power plant at Page, produced over 8 million tons of coal.

**Gold/Silver**

American Bonanza completed a 40,000-meter drill program at the detachment-hosted Copperstone deposit in February 2006 and announced a N143-101 compliant resources of 330,000 ounces of gold. In July, a program was announced to test 10 geophysical and structural step-out targets, zones that have the potential of adding significant mineralization. The initial drill phase planned an estimated 75,000 feet of RC drilling in 50 holes. Six of the targets tested returned results that warrant follow-up drilling. On a parallel path with the exploration program, Bonanza has collected environmental, geotechnical, hydrological, and metallurgical baseline data to support mine permitting and project design. At the Hardshell mine in Santa Cruz County, that was formerly Asarco’s, Comcorp Ventures Inc. spent $10 million to acquire 80% of Arizona Minerals Inc, a private Nevada company, to gain control of the property. A previous resource estimate by Asarco was 66 million ounces of silver from 9.6 million tons grading from 6.94 oz/ton. The company now called Wildcat Silver, plans drilling to confirm those results.

Teryl Resources optioned the Gold Hill patented claims in Cochise County and conducted reconnaissance sampling along fault structures. Columbus Gold explored four projects in western Arizona: Clara Moro, Burnt Well, Silver District, and Clanton Hills. Cordex Exploration carries out the company’s exploration work and project generation activities. Patriot Gold resumed drilling on the Moss mine in the Oatman District of Mohave County. Farther north, in the Black Mountains, Tonogold Resources optioned the Van Deeman.

For more details of the geology and distribution of metallic commodities discussed here, download the Arizona Department of Mines and Mineral Resource’s OFR24-07 Arizona’s Metallic Resources - Trends and Opportunities posted at: [www.mines.az.gov](http://www.mines.az.gov).
COMPANY LISTING

ABC Sand & Rock Inc.
1804 N. 27th Ave., Phoenix, AZ 85009
602-272-1792
Supplies river rock and sand.
Employees: 6
Owner: David Waltemath
Agua Fria River Pit __ Sand and Gravel
33.512 -112.316, T2N R1W Sec. 13

Acme Sand & Gravel
7711 E. 22nd St., Tucson, AZ 85710
520-296-6231
Supplies sand and gravel.
Employees: 6
Manager: Gary E. Janosko
Acme Pit __ Sand and Gravel
32.207 -110.828, T14S R15E Sec. 20

Allen Grantham
1251 Stockmen Rd., Williams, AZ 86046
928-853-1971
Supplies cinders.
Employees: 1
Owner: Allen Grantham
Grantham Cinder Pit __ Cinders
35.342 -112.200, T7N R2W Sec. 19

Alpine Excavation & Construction Company
Hwy. 180 & 191, Alpine, AZ 85920
928-339-1946
Supplies sand and gravel.
Employees: 5
Manager: Tammy Burnet
Alpine Pit __ Sand and Gravel
33.811 -109.080, T5N R31E Sec. 21
3 to 4 miles east of Alpine.

American Bonanza Gold Corp.
Exploration Office
290 Gentry Way, Suite 6, Reno, NV 89502
775-824-0707 Fax: 775-824-0898
http://www.americanbonanza.com
Employees: 4
Chief Executive Officer: Brian Kirwin
Chief Financial Officer: Giulio Bonaifacio
Copperstone __ Gold
33.873 -114.299, T6N R2W Sec. 12
Route 95, Quartzsite, AZ 85346
17 miles north of Quartzsite on Hwy. 95, then west on mine road 6 miles.
Underground gold mine in exploration, development stage.
Project Geologist: Jose Portacio

American Sand and Rock Inc.
Star Material
9031 S. I-10 Freeway, Guadalupe, AZ 85283
480-839-1442
Supplies sand, gravel and landscape stones.
President/CEO: Clinton Betenbough
Cat Claw Pit __ Sand and Gravel
33.937 -112.502, T7N R2W Sec. 19
Employees: 4

American Sandstone
Blaser Corporation
2600 N. Highway 89, Chino Valley, AZ 86323
928-636-4454 Fax: 928-636-2780 800-331-4220
http://www.americansandstone.com
Quarries and processes Arizona flagstone into flagging, dimension stone, and tiles.
Employees: 160
CEO: Bob Kayser
President: Dayle Blaser
Superintendent Mining: Jim Baker
Transportation Coordinator: Dan Buchanan
Apache Quarry __ Stone, Dimension
35.360 -112.451, T23N R2W Sec. 24
Black Cat Quarries __ Stone, Dimension
35.287 -112.416, T19N R2E Sec. 17
Blaser Stoneyard __ Stone, Dimension
35.224 -112.492, T21N R2W Sec. 3
900 W. Lewis, Ash Fork, AZ
Coconino Quarries 1 __ Stone, Dimension
35.351 -112.498, T23N R2W Sec. 28
Cucamunga Quarry __ Stone, Dimension
35.302 -112.398, T22N R1W Sec. 9
Geronimo Quarries __ Stone, Dimension
35.404 -112.469, T23N R2W Sec. 2
Golden Buckskin Quarry __ Stone, Dimension
35.010 -112.220, T19N R2E Sec. 19
Mills Quarries __ Stone, Dimension
35.061 -112.475, T19N R2W Sec. 4
Red Bird Quarry __ Stone, Dimension
35.070 -112.307, T20N R1E Sec. 32
Santa Cruz Quarry __ Stone, Dimension
35.302 -112.451, T22N R2W Sec. 12
Trick Tank Quarry __ Stone, Dimension
35.346 -112.469, T23N R2W Sec. 26
Yellow Horse Quarries __ Stone, Dimension
35.379 -112.475, T23N R2W Sec. 14

Anasazi Stone
Anasazi Stone Yard
7468 E. Adobe Dr., Scottsdale, AZ 85255
480-585-9882 Fax: 480-585-9884
http://www.anasazistone.com
Operates flagstone quarries in Coconino County and slate quarry in Maricopa County - Fabrication yard in Scottsdale - Marketed in the United States and Asia.
Flagstone, slate
Employees: 25
Co-owner and Fabrication Manager: Grady Dawe
Co-owner and Mining Supervisor: Neil Cowie
New River Slate Quarry __ Stone, Dimension
33.973 -112.083, T7N R3E Sec. 6
25 miles north of Phoenix
Rattlesnake Quarry __ Stone, Dimension
35.092 -112.325, T20N R1E Sec. 19
Company Listing

Sidewinder Quarry __ Stone, Dimension
35.332 -112.127, T23N R2E Sec. 36
Apache Stone
Halquist Stone Co.
22040 N. 21st Ave., Scottsdale, AZ 85250
623-581-7625 Fax: 623-780-0544
http://www.apachestone.com/
Schist quarries located near Mayer - Landscape boulders, building and dimension stone.
Employees: 14
President: Perry Halquist
Manager: Wayne Evans
Blue Bell Schist Quarry __ Stone, Dimension
34.344 -112.238, T11.5N R1E Sec. 34
Brown Dog Quarry __ Stone, Dimension
34.422 -112.197, T12N R2E Sec. 18
Echo Green Quarry __ Stone, Dimension
34.428 -112.197, T12N R2E Sec. 18
Rainbow Schist Quarry __ Stone, Dimension
34.402 -112.220, T12N R1E Sec. 23
Arizona Aggregate Removers
Dimension Stone Division
17263 E. Lakeview Drive, Mayer, AZ 86333
928-713-7691 Fax: 928-632-5508
Produces brown schist for flagstone and ashlars.
Employees: 5
Senior Manager: Robert Broyles
Senior Vice Manager: Tim Berkett
Operations Manager: Buck Suthathite
Jagged Tooth Quarry __ Stone, Dimension
34.404 -112.213, T12N R1E Sec. 24
Arizona Materials LLC
3636 S. 43rd Avenue, Phoenix, AZ 85009
602-278-4444
Ready-mix concrete, sand and gravel.
Employees: 210
Chief Executive Officer: Grant Goodman
Chief Operating Officer: Clifford Ayres
President: Jay Powell
General Counsel: Robert Porter
Chino Valley Plant #5 __ Sand and Gravel
34.767 -112.388, T16N R1W Sec. 17
4455 E. Perkinsville Road, Chino Valley, AZ 86323
928-636-9255 Fax: 928-636-9286
Main Plant #1 __ Sand and Gravel
33.415 -112.152, T12N R2E Sec. 21
3636 S. 43rd Avenue, Phoenix, AZ 85009
602-278-4444
Plant Manager: Jay Powell
Quality Control Manager: Martine Satgado
Transportation Manager: Steve Clark
Plant #2 __ Sand and Gravel
33.238 -111.520, T2S R8E Sec. 22
39401 N. Schneep Rd., Queen Creek, AZ 85242-6026
480-987-4112
Arizona Pacific Materials LLC
9390 E. Hiller, Florence, AZ 85232
520-723-8401 Cell: 602-725-8003
http://www.wpec.com/APM/
Mines and processes basalt and cinder used in the production of asphalt, bricks, cinder blocks, concrete and mortar.
General Manager: Therol Liddell
Apple Pit __ Cinders
35.325 -111.283, T22N R10E Sec. 1
Leupp Rd, NE of Flagstaff, Winona.
Cinder quarry.
Queen Creek Quarry __ Cinders
33.097 -111.473, T4S R8E Sec. 12
West of Hunt highway.
Produces scoria and basalt.
Employees: 20
Arizona Portland Cement Co.
State Sales Office
2400 N. Central, Suite 308, Phoenix, AZ 85033
602-271-0068 Fax: 602-254-9027 800-462-2475
http://www.calportland.com
Limestone quarry 5 miles west of plant. Employees include plant and quarry operations.
Employees: 173
Sr. V. P. & General Manager: Craig Starkey
Sales Manager: Doug Schlueeter
Rillito Plant __ Cement
32.410 -111.150, T12S R12E Sec. 6
P O Box 338, Rillito, AZ 85654
520-682-2221
Plant capacity 1,400,000 tpy - Permitting in progress to expand capacity to 2,300,000 tpy.
Purchasing Agent: Tom Follett
Environmental Manager: Janelle Kennedy
Plant Engineer: Russell Hawks
Quality Control Supervisor: Bill Phillips
Quality Control Superintendent: John Bartolucci
Plant Manager: Dave Bittel
Twin Peaks Quarry __ Cement
32.359 -111.191, T12S R11E Sec. 26
5 miles west of Rillito.
Quarry Supervisor: Jared Stokes
Arizona Silica Sand Company
P O Box 2108, Houck, AZ 86506
928-688-2602 Fax: 928-688-2607
Hydrafrac sand for oil well treatment - Abrasives and mold sand - Markets in Arizona, California, and New Mexico - Bagged and bulk products available.
Employees: 10
President: Robert D. Fisher
General Manager: James Burkewitz
Evening Foreman: Robert Castilllo
Houck Silica Sand Pit __ Sand, Industrial
35.281 -109.295, T22N R9E Sec. 29
Houck, AZ 85650
928-688-2602
I-40, Houck exit, go .6 miles south to plant - Pit is 5 mile NE of Sanders. Open pit hydrafrac sand mine.
A-Rock Inc.
P O Box 781, Flagstaff, AZ 86002
928-527-0031
Supplies sand and gravel.
Employees: 12
Manager: Daryl Donn Merrick
Gray Mountain Pit __ Sand and Gravel
35.711 -111.315, T27N R10E Sec. 22
Gray Mountain, AZ
Asaro LLC  
Phoenix Administrative Office  
8222 S. 48th Street, Suite 220, Phoenix, AZ 85044  
602-977-6500 Fax: 602-977-6700  
http://www.asaro.com  

Executive V. P., General Counsel......Douglas E McAllister  
Vice President, Commercial............... Garry A. Miller  

Tucson Corporate Headquarters  
1150 N. 7th Avenue, Tucson, AZ 85705  
520-798-7500 Fax: 520-798-7780  
http://www.asaro.com  

CEO ......................................................... Joseph Lapinsky  
Vice President Mining Operations .................. John Low  
Vice President of Metallurgical Operations .......... Manuel Ramos  
Vice President Chief Financial Officer ............ Tom Yip  
Controller ................................................. Oscar Gonzales Baron  
Director of Financial Projects ................. Chuck Watson, C.P.A.  
Chief Geologist ......................................... Tom Simpson  
Information Systems Director ........... Thaddeus R. Fedoruk  

Hayden Operations & Smelter __ Copper  
33.012 -110.784, TSS R15E Sec. 11  
P O Box 8, Hayden, AZ 85235  
520-356-7811 Fax: 520-356-3802  
Open-pit mine - Dump leach - Heap leach - SX-EW plant -  
Capacity 80 million lb per year - Two concentrators:  
Ray rated at 32,000 tpd and Hayden rated at 25,000 tpd -  
Smelter capacity 2,000 tpd and 1,600 tpd acid plant.  
Employee numbers include Ray Mine.  

Employees: 1120  
General Manager .................................... John R. Shaw  
Smelter Manager ..................................... Joe A. Wilhelm  
Hot Metals Manager .................................. Steve R. Gasser  
Support Manager ..................................... James W. Murphy  
Maintenance Manager ............................... Doyle H. Gise  
Technical Service Manager ....................... Jack Garrity  
Human Resource Manager ....................... Lupe Gonzalez  
Concentrator Manager .............................. I. Gary Lubbers  
Electrical Manager ................................... Al Hartman  

Mission Mine __ Copper  
31.994 -111.071, T16S R12E Sec. 36  
Box 111, 4201 W. Pima Mine Road, Sahuarita, AZ 85629  
520-648-2500 Fax: 520-648-0802  
Open-pit mine - One concentrator - Total capacity 35,000  
Employees: 381  
Mine Manager ......................................... Mark Kalmi  
Mill Manager .......................................... Samuel D. Lawerence  
Engineering Manager .............................. Hal T. Richins  
Senior Geologist ...................................... Robert B. Cummings  
Electrical Manager .................................... Kent Billhartz  
Sr. Environmental Engineer ................. Allen T. Cooper  
Human Resource Manager ....................... Michael Moran  
Safety Administrator ............................... Robert E. Jordan  

Ray Mine __ Copper  
33.185 -111.005, T3S R13E Sec. 10  
P O Box 8, Hayden, AZ 85235  
520-356-7811 Fax: 520-356-3802  
Open-pit mine. Number of employees at the Ray Mine are  
included under Hayden Operations.  
General Manager ...................................... Richard Rhoades  
Mine Manager ....................................... Steve Winkelmann  

Vice President Projects and Environment .James Sturgess  
Vice President of Exploration ..................... Mike Clarke  
Vice President Metallurgical Operations ...... Lance Newman  
Vice President Projects and Environment .... James Sturgess  
Vice President Corporate Development ...... Richard W. Warke  

Silver Bell Mining LLC __ Copper  
32.396 -111.511, T 12S R8E Sec. 11  
25000 W. Avra Valley Rd., Marana, AZ 85653  
520-682-2420 Fax: 520-682-2347  
(75% ASARCO LLC, 25% Mitsui & Co.)  
Open-pit mine - SX-EW plant - Capacity 47 million lbs. per year.  
Employees: 158  
Operations Manager .............................. Thomas H. Phillips  
Mine Engineering Manager ...................... John Alden  
SX-EW Manager ........................................ Wendy Gort  
General Mine Supervisor ...................... Brad Stonehouse  
Geologist ............................................... Don Appleby  
General Electrical Supervisor ............. Max Canez  
General Maintenance Planner .............. Sam Means  
Safety Engineer ...................................... Ron Edgell  
Environmental Engineer ..................... Nancy Johannesmeyer  

Asphalt Paving & Supply Inc.  
7001 2nd Street, Prescott Valley, AZ 86314  
928-772-6363 Fax: 928-772-7313  
Asphalt paving, sand and gravel.  
Employees: 15  

Prescott Valley Pit __ Sand and Gravel  
34.577 -112.334, T14N R1W Sec. 23  
Pit Manager ........................................ Chris Materhern  

Augusta Resource  
Arizona Field Office  
P O Box 1292, Sonoita, AZ 85637  
520-455-4696  
Manager .................................................... Karl Weiss  

Colorado Corporate Office  
4500 Cherry Creek South Road, Suite 1040, Denver, CO 80246  
303-300-0134 Fax 303-300-0135  
http://www.augustaresource.com  

President and CEO .................................... Gil Clausen  
Senior Vice President and CFO ................ Bruce Nicol  
Vice President Administration .................... Donald Clark  

Mission Mine __ Copper  
31.994 -111.071, T16S R12E Sec. 36  
Box 1292, Sonoita, AZ 85637  
520-455-4696  
Manager .................................................... Karl Weiss  

Rosemont __ Copper  
31.833 -110.758, T18S R15E Sec. 36  
Project is 12 miles north of Sonoita west of Highway 83.  
Open-pit copper molybdenum silver mine being developed.  

Azco Mica Inc.  
7239 N. El Mirage Rd., Glendale, AZ  
623-935-0774 Fax: 623-935-0781  
Mica processing plant on standby, start-up planned for  
2007 - Wet ground muscovite mica for functional fillers and  

Arizona is #2 in sand and gravel  

 USGS 2005 figures

Vice President of Exploration ...................... Mike Clarke  
Vice President Metallurgical Operations ........ Lance Newman  
Vice President Projects and Environment .... James Sturgess  
Vice President Corporate Development ...... Richard W. Warke  

Directory of Active Mines in Arizona - 2007 10
strengtheners for industrial coatings, plastics, and cosmetics - Feldspathic sand for stucco and specialty aggregates.
Employees: 2
President..........................................William Pierce Carson

**Black Canyon Mica **
**Black Canyon Mica **
Mica
34.046 -112.197, TBN R2E Sec. 7
Three miles west of Rock Springs.

**Aztec Mining**
P O Box 13, Palo Verde, AZ 85343
623-386-6157
Supplies sand and gravel.
Owner...........................................................Daniel Mahan

**Anchor Bay Pit **
**Sand and Gravel**
33.336 -112.589, T1S R3W Sec. 17
Employees: 3

**B & R Materials**
4200 S. Harrison Rd., Tucson, AZ 85730
520-298-2371
Supplies sand & gravel.
Employees: 34
President .............................................................Lee Jolley
Vice President ................................................... Larry Miller

**Harrison-Escalante Plant **
**3 __ Sand and Gravel**
32.173 -110.792, T14S R15E Sec. 34

**B & S Enterprises Sand & Gravel LLC**
P O Box 1370, Queen Creek, AZ 85242
480-988-9073
Supplies sand and gravel.
Employees: 2
Manager........................................................ Keith Bethers

**Coolidge Plant **
**Sand and Gravel**
33.020 -111.508, T5S R15E Sec. 3

**BASF Catalysts LLC**
Box 155, Sanders, AZ 85612
928-521-5468 Fax: 928-521-3796
http://www2.basf.de/en/catalysts
Supplies filters and catalysts, also agricultural products and desiccants.
Employees: 11
General Superintendent .........................Perry Skersick

**Cheto #2 **
**Clay**
35.194 -109.236, T21N R29E Sec. 35
5.5 miles east of Sanders Clay Mine Rd.
Surface strip bentonite mine - Shipped to Mississippi for processing.

**BHP Copper Inc.**
200 S. Veterans Memorial Blvd., San Manuel, AZ 85631
520-385-3401 Fax: 520-385-3810
http://www.bhpbilliton.com
Washington Group Int. will be mine contractor with 144 employees, included in total below.

**Pinto Valley/Miami **
**Copper**
33.415 -110.867, T1N R15E Sec. 19
P O Box 100, Miami, AZ 85539
928-473-6200
Open-pit copper - molybdenum mine – 62,000 tpd concentrator – Dump leach – SX-EW plant –
Capacity 22 million lb. per year – Miami in-situ leach – SX-EW plant – Capacity 25 million lb. per year - Sulfide operations to restart in fall 2007.
Employees: 500

**General Manager.................................Michael Eamon**
**Concentrate Manager........................... Frank Capelli**
**Leaching Manager.................................Joel Witt**
**Mine Manager.................................Joe Fernandez**
**Miami Unit Operations Manager .............. Jesse Gage**

**BLT Companies LLC**
3515 E. Gila Ridge Rd., Yuma, AZ 85365
928-726-1951
http://www.bltcompanies.biz
Construction sand & gravel.
Employees: 14
Owner........................................................... Brian Thomas

**Yuma Pit **
**Sand and Gravel**
32.750 -114.418, T8S R21W Sec. 9
Yuma, take Hwy 95 north to MP 37, turn right on dirt road past mailboxes on Butterfield Stage Rd.

**Brimhall Sand Rock & Building Materials**
850 N. Main St., P O Box 750, Snowflake, AZ 85937
928-536-226 Fax: 928-536-2151
Supplies basalt, sand and gravel.
Employees: 60
President ....................................................Gary Brimhall
Vice President .................................Brian Brimhall
General Manager..............................M. Kirk Brimhall
Secretary ...............................................David Brimhall

**Break of Day Pit **
**Sand and Gravel**
34.576 -109.336, T14N R28E Sec. 35
18 miles north of St. Johns on US191, between mile post 333 and 334 - 1/2 mile west.

**Brimhall Pit **
**Sand and Gravel**
34.520 -110.099, T13N R21E Sec. 24

**Cottonwood Wash Pit **
**Sand and Gravel**
34.517 -110.082, T13N R21E Sec. 24

**Decker Plant **
**Sand and Gravel**
34.510 -110.099, T13N R21E Sec. 23
On highway 277 west from Snowflake 1 mile.

**Geronimo Pit **
**Sand and Gravel**
34.933 -110.237, T18N R20E Sec. 30
Near Holbrook, I-40 MP 280, 1 mi east on Geronimo Sand Pit Road.

**Hardluck (Bidahochi) Pit **
**Crushed Stone**
35.408 -110.078, T23N R21E Sec. 11
1.5 miles west of SR 77 near Indian Wells.

**Building Products Company**
Phoenix Plant
4850 W. Buckeye Road, Phoenix, AZ 85043
602-272-5576
Clay mining - Produces extruded vitreous clay sewer pipe.
Employees: 3
Plant Manager and Mining Supervisor.......Jon Humphreys

**Dewey Ranch #2 **
**Clay**
34.597 -112.245, T14N R1E Sec. 15
Clay mine located 6 miles northeast of Dewey.

**New River Slate Quarry **
**Crushed Stone**
33.973 -112.083, T7N R3E Sec. 5
Slate quarry located approximately 6 miles northeast of New River.
Crushed slate provides green strength for greg.

**Rim Quarry **
**Clay**
34.317 -110.372, T11N R19E Sec. 30
10 miles southwest of Clay Springs.
Arizona is in the top 10 in silver
USGS 2005 figures

Cemex USA Arizona
Arizona Office
4646 E. Van Buren Street, #250, Phoenix, AZ 85008
602-416-2600 Fax: 602-495-1672
http://www.cemexusa.com
Supplies cement, ready-mix, sand and gravel.
Employees: 300
Regional Environmental Manager .......... Frank P. Mendola
General Manager ............................................. Rob Cutter
Concrete Operations Manager ............... Steve Knudsen
Aggregate Plant Operations Manager ...... Jamey Brown

67th Avenue & Broadway Plant __ Sand and Gravel
33.422 -112.204, T1N R1E Sec. 24
4815 S. 67th Ave., Phoenix, AZ 85043
602-293-7998

Apache Junction Plant __ Sand and Gravel
33.380 -111.578, T1N R8E Sec. 31
2956 W. Baseline Road, Apache Junction, AZ 85250
480-982-6502
Cement batch plant.

Apex Plant __ Sand and Gravel
32.417 -111.162, T12S R12E Sec. 6
11500 N. Calmat Dr., Rillito, AZ 85653
520-629-0033

Bard Ranch Pit __ Sand and Gravel
33.741 -112.291, T5N R1E Sec. 29
27531 N. 109th Avenue, Peoria, AZ 85382
623-376-8284

Baseline Plant __ Sand and Gravel
33.378 -111.827, T1N R5E Sec. 34
235 E. Baseline Road, Gilbert, AZ 85233
480-507-3061
Cement batch plant.

Casa Grande Batch Plant __ Sand and Gravel
32.890 -111.782, T6S R5E Sec. 24

Columbia Batch Plant __ Sand and Gravel
32.173 -110.903, T14S R14E Sec. 34
4100 E. Columbia, Tucson, AZ 85714
520-744-2500
Cement batch plant.

Coolidge Plant __ Sand and Gravel
33.499 -112.321, T1N R1W Sec. 12
4515 N. El Mirage Road, Coolidge, AZ 85228
520-723-5914

Deer Valley Plant __ Sand and Gravel
33.687 -112.047, T4N R3E Sec. 16
22011 N. 16th Street, Phoenix, AZ 85024
623-580-4356
Cement batch plant.

El Mirage Plant __ Sand and Gravel
33.499 -112.321, T1N R1W Sec. 12
4515 N. El Mirage Road, Litchfield Park, AZ 85340
623-535-1918

Flagstaff Plant __ Sand and Gravel
35.194 -111.643, T21N R7E Sec. 15
633 E. Brannen, Flagstaff, AZ 86001
928-779-2196
Cement batch plant.

Ina Rd. Plant __ Sand and Gravel
32.343 -111.079, T1S R13E Sec. 36
5000 W. Massingale, Tucson, AZ 85743
520-744-3253

Laveen Batch Plant __ Sand and Gravel
33.397 -112.225, T1N R1E Sec. 26
7845 W. Broadway, Phoenix, AZ 85043
623-936-3997
Cement batch plant.

Lehi Plant __ Sand and Gravel
33.477 -111.771, T2N R6E Sec. 31
2600 E. Lehi Rd, Mesa, AZ 85213
480-969-5960

Mesa Plant __ Sand and Gravel
33.449 -111.856, T1N R5E Sec. 9
1901 N. Alma School Rd., Mesa, AZ 85201
480-898-7546

Pima Mine Road Plant __ Sand and Gravel
32.053 -110.947, T16S R14E Sec. 30
13599 S. Nogales Highway, Tucson, AZ 85706
520-295-1500

Queen Creek Plant __ Sand and Gravel
33.230 -111.546, T2S R8E Sec. 29
38721 N. Kenworthy Rd., Queen Creek, AZ 85242
480-987-5673
Cement batch plant.

San Tan Plant __ Sand and Gravel
33.146 -111.832, T3S R5E Sec. 22
2126 W. Tanner Road, Sacaton, AZ 85247
520-418-1415

Sun City Plant __ Sand and Gravel
33.700 -112.297, T4N R1E Sec. 7
24004 N. 107th Ave., Sun City, AZ 85373
623-566-1849

West Plant __ Sand and Gravel
33.491 -112.312, T2N R1W Sec. 25
11701 W. Indian School Rd., Phoenix, AZ 85037
623-877-2262

Carlota Copper Company
Subsidiary of Quadra Mining Ltd.
P O  Box 1009, Miami, AZ 85539
928-473-3518
http://www.quadra.com
Project Manager ................................. Mark Blakely
Operations..................... Jarvis Helmandollar
Environmental .................. Dan Johnson
Human Resources.................. Keith Smith
Procurement ......................... Dwight Martin
Process ........................................... Ed Bilson
Safety ............................................... Paul Yslas
Engineering .................................. Jeff Hammerlin

Carlota Copper
33.386 -110.985, T1N R13E Sec. 36
8 miles west of Miami, north of Highway 60.
Open-pit copper mine - heap leach - SX-EW plant -
Capacity 60 million lb. per year - Construction
Anticipated employment: 300.

Arizona is in the top 10 in silver
USGS 2005 figures

1161 W. Main St., Casa Grande, AZ 85222
520-421-2083
Cement batch plant.

12
Company Listing

Charter Materials LLC
4455 E. Perkinsville Rd., Chino Valley, AZ 86323
928-583-0577
Owner......................................................Jim Fletcher

Plant 100 __ Sand and Gravel
34.770 - 112.389, T16N R1W Sec. 17
Perkinsville Road approx 1 mi west of US 89, Chino Valley.
Employees: 14

Chemical Lime Company of Arizona
15333 N. Pima Rd., #200, Scottsdale, AZ 85260
480-368-4239
http://www.chemicallime.com
Lime products.
Director of Sales..........................................Bob Plains
Director Type S Sales .........................David Flemming
Distribution Manager...............................Tom Hughes
Transportation Coordinator ......................Annette Jones
Account Representative ........................Darren Fry
Account Representative ............................Brett Tanner
Account Representative .......................Todd Ingram

Douglas Plant __ Lime
31.358 -109.736, T24S R26E Sec. 7
2.5 miles S. of mi 112 old Rte. 66
Capacity 1,000 tpd lime - Marketed for alkalinity control for copper ore benefication, stabilization, and crude crushed limestone for flue gas desulfurization.
Employees: 50
Plant Manager...........................................Jerry Young
Maintenance Superintendent ...................Richard Anderson
Quarry Superintendent .............................Don Russell
Production Services Superintendent ............Robert Kline
Process Engineer ......................................Pat Morgan
Quality Control Technician ......................Louis Roqueni

Nelson Quarry and Plant __ Lime
35.517 -113.316, T25N R10W Sec. 26
Used to manufacture structural clay products - Bricks.
Employees: 96
President .............................................Frederic Campbell
Secretary/Treasurer .................................Don Campbell
Plant Superintendent .............................Don Campbell

Pantano Clay Pit __ Clay
32.010 -110.588, T16S R17E Sec. 21, 26, 27, 28, 35
East on Valencia off Houghton Rd to Pantano Wash.

Clay Mine Adobe Pit __ Clay
32.176 -111.076, T14S R12E Sec. 36
West on Ajo 2 miles past Kinney Rd. to mine.

Clay Mine Adobe Inc.
6401 W. Old Ajo Hwy., Tucson, AZ 85735
520-578-2222 Fax: 520-578-1721
http://www.claymineadobe.com
Adobe brick and clay plaster finishes.
Employees: 9
Owner ..................................................Eric Johnson

Clay Mine Adobe Pit __ Clay
32.176 -111.076, T14S R12E Sec. 36
West on Ajo 2 miles past Kinney Rd. to mine.

Phoenix Brick Yard
1814 S. 7th Ave., Phoenix, AZ 85007
602-258-7158 Fax: 602-258-1751
http://www.phxbrickyard.com
Used to manufacture structural clay products - Bricks.
Employees: 96
President .............................................Frederic Campbell
Secretary/Treasurer .................................Don Campbell
Plant Superintendent .............................Don Campbell

Pantano Clay Pit __ Clay
32.010 -110.588, T16S R17E Sec. 21, 26, 27, 28, 35
East on Valencia off Houghton Rd to Pantano Wash.

Clay Mine Adobe Pit __ Clay
32.176 -111.076, T14S R12E Sec. 36
West on Ajo 2 miles past Kinney Rd. to mine.

Phoenix Brick Yard
1814 S. 7th Ave., Phoenix, AZ 85007
602-258-7158 Fax: 602-258-1751
http://www.phxbrickyard.com
Used to manufacture structural clay products - Bricks.
Employees: 96
President .............................................Frederic Campbell
Secretary/Treasurer .................................Don Campbell
Plant Superintendent .............................Don Campbell

Pantano Clay Pit __ Clay
32.010 -110.588, T16S R17E Sec. 21, 26, 27, 28, 35
East on Valencia off Houghton Rd to Pantano Wash.

Clay Mine Adobe Pit __ Clay
32.176 -111.076, T14S R12E Sec. 36
West on Ajo 2 miles past Kinney Rd. to mine.

Coconino Cinders
7000 E. US Highway 66, Flagstaff, AZ 86004
928-526-9509
Cinder and basalt quarry - Used for landscaping, aggregate, horticulture, specialty uses, and construction materials.
Employees: 4
Owner/General Manager .........................Bob Payne

Wildcat Hill Pit __ Cinders
35.219 -111.547, T21N R8E Sec. 9
7000 E. US Highway 66, Flagstaff, AZ 86004-4424

Collins Excavating
6979 E. Broadway, Suite 11, Tucson, AZ 85710
520-721-7842
Sand and gravel.
President/CEO .........................................Mike Collins

Todd Pit __ Sand and Gravel
31.469 -111.016, T22S R13E Sec. 33
Employees: 3

Directory of Active Mines in Arizona - 2007
Company Listing

Colorado River Sand & Rock
30600 Riverside Dr., Parker, AZ 85344
928-669-9251
http://critonline.com/critsandrock/
Produces sand and gravel.
Employees: 9
General Manager ........................................... James Brock
Sales Manager ............................................... Michael Friel
Office Manager/Accountant ..................... Samantha Leivas
Osborne Wash Plant # 1 __ Sand and Gravel
34.167 -114.230, T10N R19W Sec. 34
Poston Road Plant # 2 __ Sand and Gravel
33.646 -114.492, T4N R22W Sec. 36
928-923-9922 Fax: 928-923-9990

Continental Golf and Construction
1500 Biasi Ranch Rd., P O Box 56, Beaver Dam, AZ 86432
702-596-3303
Supplies sand and gravel.
Material Manager ............................................. Jeff Jenkins
Pit 1 Wash Plant __ Sand and Gravel
36.924 -113.949, T41N R15W Sec. 29
Employees: 7

CPC Southwest
California Portland Cement
CPC Southwest Main Office
6601 N. Casa Grande Hwy., Tucson, AZ 85743
520-744-3222
Provides Concrete-aggregate - asphalt.
General Manager ........................................... Mike Smith
Environmental Manager ................................ Scott Hughes
Sales Manager .................................................. Chris Stoltz
Shop/Transportation Manager ....................... Gary Dykman
Orange Grove plant __ Sand and Gravel
32.323 -111.056, T13S R13E Sec. 6
6601 N. Casa Grande Hwy., Tucson, AZ 85743
400 TPH Astec asphalt plant, 2 dry batch ready mix plants,
a primary crusher, a secondary crusher,
and a wash plant
Employees: 105
Rio Rico Plant __ Sand and Gravel
31.472 -111.014, T22S R13E Sec. 33
409 Camino Ramanote, Rio Rico, AZ 85648
520-761-4998 Fax 520-761-8336
Employees: 36
Swan Road Plant __ Sand and Gravel
32.080 -110.887, T15S R14E Sec. 35
9301 South Swan Road, Tucson, AZ 85707
520-664-0588
Dry batch ready mix plant.
Employees: 20
Tangerine Plant __ Sand and Gravel
32.423 -111.187, T12S R11E Sec. 2
10200 W. Tangerine, Marana, AZ 85653
520-616-7805
Dry batch ready mix plant.
Employees: 12
Valencia Plant __ Sand and Gravel
32.118 -110.741, T15S R16E Sec. 19
11800 E. Valencia Rd., Tucson, AZ 85747
Dry batch ready mix plant, a primary and secondary crusher,
and a wash plant.
Employees: 28

Cross Spear Marble Inc.
1741 E. Morten Ave., Suite A, Phoenix, AZ 85020-4645
520-824-4135 Fax: 520-824-4093
Crushed marble for control of power plant stack emissions,
aminal feed and landscaping.
Employees: 12
Manager ...................................................... Tom Hunt
Cross Spear Marble Quarry __ Limestone / Marble
32.104 -109.421, T15S R29E Sec. 30
10555 E. Redwing Ranch Road, Willcox, AZ 85643

Crown Materials LLC
P O Box 877, Williams, AZ 86046
928-635-9255
Material supplier-decorative aggregate.
Owner ............................................................. Elena Fann
Red Lake Quarry __ Crushed Stone
35.491 -112.185, T24N R2E Sec. 4
Employees: 1

Custom Landscape Materials LLC
1510 Copper Drive, Lake Havasu City, AZ 86403
928-855-6535
Construction sand and gravel.
Employees: 11
Co-owner ...................................................... Delbert Campbell
Co-owner ...................................................... Dorothy Campbell
Manager .......................................................... Allen Atwell
Chemehuevi Pit __ Sand and Gravel
34.484 -114.262, T13N R19W Sec. 9
Chenoweth Pit __ Sand and Gravel
34.556 -114.367, T14N R20W Sec. 16
4 miles south of Aguila Rd. where it crosses Dead Horse Wash,
14 miles north of I-10.

D L Campbell Co. Inc.
1510 Copper Drive, Lake Havasu City, AZ 86403
928-855-6535
Construction sand and gravel.
Employees: 11
Co-owner ...................................................... Delbert Campbell
Co-owner ...................................................... Dorothy Campbell
Manager .......................................................... Allen Atwell

Damavand Trading LLC
dba Rio Grande Material
Rio Grande Material
5026 S. 51st Ave., Laveen, AZ 85339
602-237-2398
Screened river landscape rock and sand.
Employees: 6
Owner .......................................................... Reza Mohkimi
Manager .......................................................... Tom Garduno
Rio Grande Material __ Sand and Gravel
33.401 -112.169, T1N R2E Sec. 29

Directory of Active Mines in Arizona - 2007 14
Located at the southwest corner of 51st Avenue and the Salt River.

Dateland Sand and Gravel
P O Box 914, Stanfield, AZ 85272
480-991-1020
Sand and gravel.
Manager...............................................Gary Stillman
Dateland Pit __ Sand and Gravel
32.857 -113.540, T6S R12W Sec. 31
3.5 miles north of Dateland, south bank of river.
Employees: 2

Decorative Rock Sales LLC
P O Box 332, Oracle, AZ 85623
520-896-2245
Decorative rock.
Employees: 18
Owner......................................................Debbie McGee
Little Hill Mine __ Crushed Stone
32.588 -110.833, T10S R15E Sec. 5

Denison Mines Corp.

Denison Corporate Office
Atrium on Bay, 595 Bay St., Suite 402, Toronto, ON M5G2C2
416-979-1991 Fax: 416-979-5893
http://www.denisonmines.com/
CEO ........................................................ E. Peter Farmer
President/COO ........................................... Ron Hochstein
Executive Vice President/CFO ........... James R. Anderson

Denison Mines U.S. Operations
1050 17th St. #950, Denver, CO 80265
303-628-7786 Fax: 303-389-4125
Developing underground uranium breccia pipes. Ore will be processed at White Mesa mill in Utah - Also permitting and planning for EZ 1 & 2, DB 1, What, and Moonshine Springs.
Exec. V.P. U.S. Operations...............Harold R. Roberts
Arizona 1 __ Uranium
36.506 -112.815, T36N R5W Sec. 22
Arizona 1 is a nearly permitted, partially developed uranium mine, with a shaft completed to a depth of 1,250 feet - ore grade averages 0.68 - On standby - Production anticipated in 2008 - Mine contractor will be Redpath - Anticipated employment: 60.

Canyon __ Uranium
35.883 -112.096, T29N R3E Sec. 20
Surface development - Headframe and hoist in place - Shaft collared to 50 feet - On standby.

Pinenut __ Uranium
36.503 -112.733, T36N R4W Sec. 21
Pinenut is a fully developed underground mine that produced 25,000 tons of ore with an average grade of nearly 1% in 1989 - On standby.

Desert Construction Inc.

LA Downey
4409 E. Highway 66, Kingman, AZ 86401
928-757-2213 Fax: 928-757-8544
Rock products, paving materials, and ready mix concrete.
Employees: 60
President....................................................Tom Short

Getz Pit __ Sand and Gravel
35.255 -113.973, T22N R16W Sec. 27
Hualapai Pit __ Sand and Gravel
35.174 -114.013, T21N R16W Sec. 29

Desert Road Builders
7501 E. Highway 95, Yuma, AZ 85365
928-341-9401
Construction sand and gravel.
Employees: 40
Blaisdell Pit __ Sand and Gravel
32.712 -114.418, T8S R21W Sec. 28
County 19 Pit __ Sand and Gravel
32.548 -114.565, T10S R23W Sec. 24
3995 E. County 19 Street, Yuma, AZ 85364
Manager...............................................Javier Olea
Tacna Sand and Gravel Pit __ Sand and Gravel
32.775 -113.981, T7S R17W Sec. 35
Near Roll, AZ
Manager..................................................Bill Grigg

Diablo Sand & Gravel
15540 N. Kenworthy Rd., Coolidge, AZ 85730
520-723-9594
Supplies sand and gravel.
Employees: 10
Diablo Pit __ Sand and Gravel
33.023 -111.548, T5S R8E Sec. 5
Manager..................................................David Moore

Dick Merritt Construction
2511 Wikeuup Avenue, Kingman, AZ 86401
928-303-1068
Produces aggregate.
Owner......................................................Richard Merritt
Sacramento Mine __ Crushed Stone
35.212 -114.415, T21N R20W Sec. 16
East from Bullhead City on Old Hwy 68 to mile post 8, then 2 miles up mountain on Old Highway 68.
Employees: 2

Dos Rios Materials LLC
5340 W. Luke, Glendale, AZ 85301
623-931-9131
Sand and gravel.
Owner...................................................Douglas Stecker
Owner.....................................................Paul Stecker
Owner......................................................Phillip Stecker
Dos Rios Pit __ Sand and Gravel
33.347 -112.525, T1S R3W Sec. 14
Employees: 3

Arizona is #1 in copper
USGS 2005 figures

Double J Sand & Rock LLC
1701 14th Street, Parker, AZ 85344
928-667-4498
Sand and gravel.
Employees: 7
Owner.....................................................Jim Jones
Lakeside & 94th St. __ Sand and Gravel
34.166 -114.222, T10N R19W Sec. 27

Drake Cement LLC
7373 E. Double Tree Ranch Road, Suite 200, Scottsdale, AZ 85250
480-219-6670

Directory of Active Mines in Arizona - 2007
Cedar Glade Quarry __ Cement
34.980 -112.387, T18N R1W Sec. 5
Cement plant and limestone quarry under construction - Startup projected for early 2010 - Plans to employ 70-80 people - 600,000 tpy capacity.

Drake Stone Products Inc.
P O Box 10820, Prescott, AZ 86304
928-445-3028 Fax: 928-717-1359
http://www.drakestoneproducts.com
Stone processing plant at Ash Fork - Quarries and processes flagstone into flagging, dimension stone, tiles, and specialty landscape shapes.
Employees: 160
Co-owner/Operator......................................Harley Gray Jr.
Co-owner...................................................... Deborah Gray

Diamond 7 Oak Quarry __ Stone, Dimension
35.346 -112.628, T23N R3W Sec. 29

Diamond 7 Quarry __ Stone, Dimension
35.365 -112.553, T23N R3W Sec. 24

M C Canyon Quarry __ Stone, Dimension
34.980 -112.255, T19N R1E Sec. 35
From Hwy 89 take the Drake exit then forest road 192 to quarries.

Rockhouse Quarry __ Stone, Dimension
35.040 -112.272, T19N R1E Sec. 10

Dunbar Stone Company Inc.
608 W. Lewis Avenue, P O Box 246, Ash Fork, AZ 86320
928-637-2591 or 928-637-2592 Fax: 928-637-2355
http://www.dunbarstoneinc.com
Quarries and fabricates flagstone for paving, cladding and split face building stone veneer - Dimension stone, and tiles.
Employees: 85
President...................................................Gerry E. Dunbar
Vice President ...............................................Leslie Dunbar
Maintenance Superintendent .........................Bob Pena
Office Manager & Transportation ..................Leslie Dunbar

Antelope Quarry __ Stone, Dimension
35.274 -112.338, T22N R2W Sec. 13

Blue Jay Quarry __ Stone, Dimension
35.309 -112.503, T22N R2W Sec. 9

Hualapai Chocolate Quarry __ Stone, Dimension
35.584 -113.711, T25N R13W Sec. 6
Hwy 66 to Buck and Doe Road, 17 miles north, then 3 miles west.

Red Bird Quarry __ Stone, Dimension
35.066 -112.309, T20N R1E Sec. 32

Dyna Rock & Sand
206 W. First St., Winslow, AZ 86047
928-289-9349
Provides crushed rock and sand.
Employees: 10
President...................................................John McCauley

Chevelon Pit __ Crushed Stone
34.790 -110.618, T16N R16E Sec. 14
SR 99 from Winslow to MP 29, east on Thunder Rd, south on Colt Rd, east on Lasso.

Minnetonka Pit __ Sand and Gravel
35.019 -110.644, T19N R16E Sec. 28

EADS Construction Redi Mix Inc.
608 W. Hwy, 92, Bisbee, AZ 85603
520-432-4121
Sand, gravel, and ready mix concrete.
President ..................................................Alison VanGorp
Secretary/Treasurer/Owner .........................Brett VanGorp
EADS Pit __ Sand and Gravel
31.412 -109.921, T23S R24E Sec. 20

Empire Homes Inc.
3274 Highway 82, Sonoita, AZ 85637
520-455-5506
Construction sand and gravel.
Employees: 2
Maya Pit __ Sand and Gravel
31.676 -110.611, T20S R17E Sec. 21
Pit Manager ................................................James Dixon

Espee Cinder Pit
P O Box 534, Williams, AZ 86046
928-635-4934
Cinder quarry.
Owner......................................................Carlos Zabalo
Old Perrin Pit __ Cinders
35.373 -112.173, T23N R2E Sec. 15
North on SR64 from Williams, west on Espee for 1/2 mile, then north for another 1.2 miles.
Employees: 2

Eureka Mining
3640 Red Drive, Lake Havasu, AZ 86404
928-706-8164
Aggregate - Decorative stone.
Owner......................................................Rick Sparks
Eureka Rose __ Crushed Stone
34.533 -114.291, T14N R19W Sec. 19
Employees: 3

Fann Contracting Inc.
P O Box 4356, Prescott, AZ 86302-4356
928-778-0170
Portable crusher used for contract road construction - Asphalt paving.
President ..................................................Mike Fann
Portable Plant __ Sand and Gravel
34.567 -112.437, T8N R19W Sec. 29
Employees: 4

Fisher Sand & Gravel
1 W. Elliot, Suite 111, Tempe, AZ 85284
480-730-1033
http://www.fisherind.com
Sand and gravel - Number of employees includes portable and batch plants not listed.
Employees: 118
President/CEO..............................................Tom Fisher
Vice President ............................................Mike Fisher
Vice President Southwest Division ..............Suzie Medley
CFO............................................................Amiel Schaff
New Mexico & Arizona Office ManagerJimmy Baumgartner
28th St. Plant __ Sand and Gravel
33.413 -112.025, T1N R3E Sec. 23

Flagstaff Cinder Sales Inc.
6500 E. Old Highway 66, Flagstaff, AZ 86001
928-526-0801 Fax: 928-526-6580
http://www.flagcinder.com
Cinder quarry - Used for aggregate, landscaping, and
Company Listing

Freeport-McMoRan Copper & Gold Inc.
Freeport-McMoRan Corporate Headquarters
One North Central Ave., Phoenix, AZ 85004
602-366-8100
http://www.fcx.com
Chairman ........................................J. R. Moffett
CEO ..................................................R. C. Adkerson
President and COO .........................T. R. Snider
CFO and Treasurer ..........................K. Quirk
Executive VP and Chief Admin Officer .....M. Arnold
Senior Vice President General Counsel ....S. David Colton

 Phelps Dodge Mining Company
One North Central Ave., Phoenix, AZ 85004
602-366-8100
President ..........................................David C. Naccarati
Senior VP - North American Operations...J. C. Galassini
Senior VP - South American Operations ......H. Red Conger

Freeport-McMoRan Mining Company
One North Central Ave., Phoenix, AZ 85004
602-366-8100
Senior VP - Development ..................D. Bartlett
Senior VP - Technology and Product Dev....J. Marsden

Freeport-McMoRan Exploration Corporation
One North Central Ave., Phoenix, AZ 85004
602-366-8100
President ...........................................Richard Leveille

Climax Molybdenum Company
One North Central Ave., Phoenix, AZ 85004
602-366-8100
President ........................................David Thornton

Ajo __ Copper
32.351 -112.866, T12S R6W Sec. 23, 26, 27
P O Drawer 9, Ajo, AZ 85321
520-387-7631
Open-pit copper mine on care and maintenance.
Employees: 18
Operations Manager ..............................R. Romero

Bagdad __ Copper
34.583 -113.206, T12S R6W Sec. 23, 26, 27
P O Box 4444, Bagdad, AZ 85532
928-633-2241
Open-pit copper and molybdenum mine - SX/EW plant, concentrate leach facility, concentrator - 2006 production: 165 million pounds of copper, 10.3 million pounds of by-product molybdenum.
Employees: 750
General Manager ...............................B. Clements
Manager, Mine ......................................C. Sircy
Manager, Mill .....................................P. Gelfi
Manager, HR & Community Services ......J. Roughton
Manager, Environment/Land ...............M. Middleton
Manager, Health & Safety .....................S. Andrade
Controller ........................................R. Hoffman

Copper Queen Branch __ Copper
31.431 -109.889, T23S R24E Sec. 15
36 W. Highway 92, Bisbee, AZ 85603
520-432-6200
Mine dump leaching - copper precipitation plant - Freeport-McMoRan and Bioteq operate this plant as Copreco LLC.
Employees: 17
Operations Manager ...........................M. Jaworski

Miami __ Copper
33.400 -110.884, T1N R14E Sec. 25
P O Box 4444, Claypool, AZ 85532
928-643-7001

Arizona is #1 in pumice
USGS 2005 figures

Fort McDowell Yavapai Materials
P O Box 19120, Fountain Hills, AZ 85269
480-789-8900 Fax: 480-789-8955
Supplies sand and gravel.
Employees: 200

Fort McDowell Yavapai Materials Pit __ Sand and Gravel
33.628 -114.123, T3N R18W Sec. 4
17600 E. Yavapai Coral Rd., Fort McDowell, AZ 85264
Production Foreman ..........................J. Loske

Granite Pit __ Stone, Dimension
34.640 -112.410, T15N R1W Sec. 31
17600 E. Yavapai Coral Rd., Fort McDowell, AZ 85264
Production Foreman ..........................J. Loske

Four Peaks Mining Company LLC
17 Abott Ave., Ocean Grove, NJ 07756
Mines quartz-variety amethyst - gem rough, carving rough, and crystal specimens.
Owner ..............................................K. Cavano

Four Peaks Amethyst __ Gemstones
33.673 -111.332, T4N R10E Sec. 21
32.846 -111.780, T7S R5E Sec. 1
Off Thornton Rd. 4 miles north of I-8.
Production Foreman ..........................J. Loske

Climax Molybdenum Company
One North Central Ave., Phoenix, AZ 85004
602-366-8100
President ........................................David Thornton

Ajo __ Copper
32.351 -112.866, T12S R6W Sec. 23, 26, 27
P O Drawer 9, Ajo, AZ 85321
520-387-7631
Open-pit copper mine on care and maintenance.
Employees: 18
Operations Manager ..............................R. Romero

Bagdad __ Copper
34.583 -113.206, T12S R6W Sec. 23, 26, 27
P O Box 4444, Bagdad, AZ 85532
928-633-2241
Open-pit copper and molybdenum mine - SX/EW plant, concentrate leach facility, concentrator - 2006 production: 165 million pounds of copper, 10.3 million pounds of by-product molybdenum.
Employees: 750
General Manager ...............................B. Clements
Manager, Mine ......................................C. Sircy
Manager, Mill .....................................P. Gelfi
Manager, HR & Community Services ......J. Roughton
Manager, Environment/Land ...............M. Middleton
Manager, Health & Safety .....................S. Andrade
Controller ........................................R. Hoffman

Copper Queen Branch __ Copper
31.431 -109.889, T23S R24E Sec. 15
36 W. Highway 92, Bisbee, AZ 85603
520-432-6200
Mine dump leaching - copper precipitation plant - Freeport-McMoRan and Bioteq operate this plant as Copreco LLC.
Employees: 17
Operations Manager ...........................M. Jaworski

Miami __ Copper
33.400 -110.884, T1N R14E Sec. 25
P O Box 4444, Claypool, AZ 85532
928-643-7001

Arizona is #1 in pumice
USGS 2005 figures

Fort McDowell Yavapai Materials
P O Box 19120, Fountain Hills, AZ 85269
480-789-8900 Fax: 480-789-8955
Supplies sand and gravel.
Employees: 200

Fort McDowell Yavapai Materials Pit __ Sand and Gravel
33.608 -111.671, T3N R7E Sec. 18
13106 N. Hiawatha Hood Road, Ft. McDowell, AZ 85264
Production Foreman ..........................S. Young

Granite Pit __ Stone, Dimension
34.640 -112.410, T15N R1W Sec. 31
17600 E. Yavapai Coral Rd., Fort McDowell, AZ 85264
Production Foreman ..........................J. Loske

Four Peaks Mining Company LLC
17 Abott Ave., Ocean Grove, NJ 07756
Mines quartz-variety amethyst - gem rough, carving rough, and crystal specimens.
Owner ..............................................K. Cavano

Four Peaks Amethyst __ Gemstones
33.673 -111.332, T4N R10E Sec. 21
602-643-5442
From AZ 87 right on FR 143, Four Peaks exit, follow 14 miles NE, right on FR 648, then hike 3 miles.
Employees: 2
Mine Manager .................................B. Jacobs
Superintendent, Mine Maintenance ....................... J. Farran
Manager, Organizational Services .................. Rebecca Whitaker
Manager, Hydrometallurgy .................................. M. Yarbo
Manager, Rod Plant ........................................ Dan Valenzuela
Coordinator Quality Assurance ......................... Jose Tobar
Superintendent, Smelter Maintenance .............. Wayne Spivey
Superintendent, Smelter Operations .................. P. Bogdan
Director Quality Assurance ............................... Jose Tobar
General Manager, Mining Organization ........... Peter M. Quinn
Vice President, Southeastern Arizona ............. R. Hunter White
Manager, Crush & Conveying .......................... D. D. Broderick
Manager, Resource Management ..................... K. D. Cramer
Manager, Maintenance Services ...................... J. A. Calderon
Manager, Fragmentation & Loading .................. John Stebbins
Manager, Support Services .............................. J. T. Mortimer
Manager, Human Resources, Employment & Adm. A. L. Sexton
Manager, Hydrometallurgical Operations .......... A. C. Stevens
Manager, Human Resources, Employee Relations. D. J. Ulibarri
Controller, Southeastern Arizona ...................... John Stebbins
Mine Manager ............................................... Dereck Cooke
Mgr. Human Resources, Employee Relations. A. L. Sexton
Mgr. Maintenance, Construction & Engineering H. E. Zewz
Manager, Health & Safety ................................ J. T. Mortimer
Manager, Hydrometallurgy ................................ M. Yarbo
Manager, Rod Plant ........................................ Dan Valenzuela
Coordinator Quality Assurance ........................ Jose Tobar
Superintendent, Smelter Operations .................. P. Bogdan
General Manager .......................................... John D. Brack
Controller ...................................................... R. M. Householder
Molybdenum Processing Manager ................. M. J. Ammon
Manager, Human Resources ......................... M. L. Stonehouse
Mine Manager ............................................... Derek Cooke
Copper Processing Manager ......................... T. J. Comi
SX-EW Superintendent ................................. C. P. Vicelli
Mgr. Maintenance, Construction & Engineering H. E. Zewz
Manager, Environmental/ Land ...................... C. D. Fretz
Manager, Health & Safety ................................ J. T. Mortimer

**Morenci __ Copper**
33.085 -109.368, T4S R29E Sec. 16
4521 State Hwy. 191, Morenci, AZ 85640
928-865-4521


Employees: 2800
Vice President, Southeastern Arizona ............. R. Hunter White
General Manager, Mining Organization ........ Peter M. Quinn
General Manager, Processing Organization. Jamie G. Davis
Manager, Leach Stockpiles ............................. A. Binegar
Manager, Health & Safety .............................. P. Boman
Manager, Crush & Conveying ......................... D. D. Broderick
Manager, Maintenance Services ..................... J. A. Calderon
Manager, Resource Management ..................... K. D. Cramer
Manager, Branch Human Resources ............... R. B. Ellison
Manager, Haulage ........................................... J. L. Gutierrez
Mgr. Global Supply SE AZ .............................. R. L. Henry
Manager, Concentrator ................................. D. L. Jensen
Manager, Fragmentation & Loading .............. J. M. Kriel
Manager, Support Services ............................ J. T. Saunders
Manager, Concentrate Leach Plant .................. R. J. Smith
Manager, Hydrometallurgical Operations .......... A. C. Stevens
Mgr. Human Resources, Employee Relations. D. J. Ulbarri
Controller, Southeastern Arizona ...................... A.D. Zerwas

**Safford __ Copper**
32.962 -109.673, T5S R26E Sec. 28
625 Main Street, Safford, AZ 85546
928-428-0205

Open-pit copper mine and SX/EW facilities under construction – first copper production planned by early 2008.

Employees: 500

**Sierrita __ Copper**
31.873 -111.126, T18S R12E Sec. 9
6200 Duval Mine Rd, Green Valley, AZ 85622
520-648-8500


Employees: 940

**G & S Gravel LLC**
11500 E. Finley Road, P O Box 531, Mayer, AZ 86333
928-632-9359

Aggregate materials and landscape.

Employees: 4
Owner ...................................................... James A. Miller

**Star Placer __ Sand and Gravel**
34.421 -112.260, T12N R1E Sec. 16

**Black Rock West __ Gypsum**
36.995 -113.656, T42N R13W Sec. 36
From Littlefield 18 miles northeast on I-15, turn left on Black Rock Rd, then 1 mile north to mine.

Employees: 25

**Gila Redi Mix Inc.**
201 W. Phoenix St., Payson, AZ 85541
928-474-3747

Redi mix, sand and gravel

Employees: 17
Manager ...................................................... Keith Heglie

**Punkin Center Pit __ Sand and Gravel**
33.935 -111.296, T7N R10E Sec. 23

**Gila River Sand & Gravel**
2126 E. Tanner Road, Sacaton, AZ 85247
520-418-2106

Construction sand and gravel.

Employees: 100
General Manager ......................................... Lyn Fulmer

**Bapchule (Sacaton area) __ Sand and Gravel**
33.147 -111.832, T3S R5E Sec. 22
AZ-587 & W. Tanner Rd., Bapchule, AZ 85221

**Maricopa Pit __ Sand and Gravel**
33.171 -111.990, T3S R4E Sec. 1B
2425 N. Power Road, Phoenix, AZ

**Gila Rock Products LLC**
P O Box 941, Coolidge, AZ 85228
520-709-1296

Decorative rock, boulders, riprap, road-base material and...
similar commercial rock products.

Employees: 7

Owner.................................................... Norman Montgomery

Reymert Mine __ Crushed Stone
33.245 -111.202, T2S R11E Sec.15

Glory Enterprises LLC
5600 N. Dodge Ave., Flagstaff, AZ 86004
928-526-3228
http://www.glorycinders.com

Volcanic cinders and dirty cinders/fill dirt.

Employees: 4

Owner......................................................... Bonnie and Jim Crick

Sheep Hill Plant __ Cinders
35.236 -111.563, T21N R8E Sec. 5

Granite Construction Company
4115 E. Illinois St., P O Box 27557, Tucson, AZ 85726
520-748-8000
http://www.graniteconstruction.com

Sand, gravel, road materials, soil, ready mix concrete, and asphaltic concrete.

Employees: 57

Business Manager.......................... Scott Steehler
Branch Manager.............................. Dave Richards

Swan Road Pit __ Sand and Gravel
32.082 -110.892, T15S R14E Sec. 34
9301 S. Swan Road, Tucson, AZ 85706
520-574-0609

Tangerine Pit __ Sand and Gravel
32.422 -111.180, T12S R11E Sec. 1
10000 West Tangerine Road, Marana, AZ 85653
520-682-2994

Granite Express LLC
5332 E. Main Street, Mesa, AZ 85205
480-354-6809

Crushed granite.

Employees: 10

Manager......................................................... Paul Kerr

Barkley Pit __ Crushed Stone
33.884 -112.546, T6N R3W Sec. 11
Hwy 74 and Castle Hot Springs Road.

Mineral Mountain __ Crushed Stone
33.181 -111.248, T3S R11E Sec. 8
5 miles south of Florence Junction on 79, Cottonwood Road.

Granite Mountain Materials
560 EZ Street, P O Box 3520, Prescott, AZ 86302
928-778-5553

Crushed and decomposed granite.

Employees: 8

Owner.......................................................... Rachelle Sult

Operations Manager................................. Steve Sliger

Docie Pit __ Crushed Stone
34.552 -112.460, T14N R2W Sec. 34

H & S Developers Inc.
12486 S. Foothills Blvd., Yuma, AZ 85367
928-342-3344

Construction sand and gravel.

Employees: 8

Fortuna Wash Pit __ Sand and Gravel
32.534 -114.591, T10S R23W Sec. 26

Hanson Aggregates of Arizona Inc.
4127 E. Van Buren Street, Phoenix, AZ 85008
602-685-4800
http://www.hansonplc.com

Sand, rock, ABC, ready mix concrete.

Employees: 275

President.................................................. Pat Kuelner
Operations Manager................................. Jim Green

51st Ave Plant #35 __ Sand and Gravel
33.408 -112.171, T1N R2E Sec. 20
4002 S. 51st Ave., Phoenix, AZ 85045
602-352-1210

Sand, rock, ABC, ready mix concrete.

59th Avenue Plant __ Sand and Gravel
33.409 -112.173, T1N R2E Sec. 29
5901 W. Broadway Rd., Phoenix, AZ

Agua Frias Pit-River Ranch Plant __ Sand and Gravel
33.514 -112.324, T2N R1W Sec. 12
5159 N. El Mirage Rd., Litchfield Park, AZ 85219
480-983-4111

Sand, rock, ABC, ready mix concrete.

Apache Junction Plant __ Sand and Gravel
33.381 -111.577, T1N R8E Sec. 31
2941 W. 37th Ave., Apache Junction, AZ 85220
480-671-9702

Ready mix concrete.

Clarkdale Plant __ Sand and Gravel
34.779 -112.083, T16N R2E Sec. 12
2500 W. Cement Plant Rd., P O Box 634, Clarkdale, AZ
86324
520-634-4250

General Manager................................. Tim Cox

Dear Valley Plant __ Sand and Gravel
33.686 -112.044, T4N R3E Sec. 15
21829 N. 16 St., Phoenix, AZ 85022
602-492-9063

Ready mix concrete.

Hassayampa Plant #46 __ Sand and Gravel
Company Listing

Hatch Construction & Paving Inc.
127 S. Main Street, Taylor, AZ 85939
928-536-7213
Sand, gravel, road materials, ready mix concrete, and asphaltic concrete.
Employees: 18
President ................................................. Jerrold L. Hatch
Vice President ........................................... Lenn B. Hatch
Secretary/Treasurer............................................ Lynn R. Hatch

Chapman Pit __ Sand and Gravel
34.094 -110.933, T9 N R14 E Sec. 29
Cherry Creek Road, Young, AZ 85554
Elsworth Pit __ Sand and Gravel
34.220 -110.015, T10N R22E Sec. 33
Penrod Road, Show Low, AZ 85901
Four Mile Pit __ Sand and Gravel
34.464 -110.141, T12N R21E Sec. 5
P O Box127, Taylor, AZ 85939

Horner Stone
Stone Yard & Fabrication Shop
398 Quarry Road, Ash Fork, AZ 86320
Quarries sandstone; and produces Rosa, Classic Oak, Peach, Buckskin, Walapaia, Chocolate, Sierra Moss and Blush sandstone - Flagstone, patio stone, standup stone work, and hand cut shapes.
Employees: 20

Horner Stone Office
PO Box 476, Ashfork, AZ
928-637-2271 Fax: 928-637-2271
President .................................................... James Horner
Sales and Marketing................................. David King

Bacon and Beans Quarry __ Stone, Dimension
35.331 -112.433, T23N R1W Sec. 31
Cucamunga Quarry __ Stone, Dimension
35.304 -112.412, T22N R1W Sec. 8
Ash Fork, AZ
SR66 to Double A Ranch Road, then 9 miles, right on 39b, .5 miles to pit.

Mary Ann Quarry __ Stone, Dimension
35.337 -112.439, T23N R1W Sec. 31
SR66 to Double A Ranch Rd, then 7 miles, turn right at RR siding.

Huachuca Concrete Inc.
423 S. Schrader Road, Sierra Vista, AZ 85635
520-456-1600
Sand, gravel, aggregate products, ABC, leach rock, riprap, and ready mix concrete.
Employees: 60
General Manager................................. Kevin Thompson

Dake Rd. __ Sand and Gravel
31.565 -110.208, T21S R21E Sec. 33
5800 E. Dake Road, Sierra Vista, AZ 85635
Huachuca Concrete Plant __ Sand and Gravel
31.648 -110.353, T20S R19E Sec. 36
293 W. Rail Road Drive, Huachuca City, AZ 85616
Ocotillo Road __ Sand and Gravel
32.044 -110.330, T16S R20E Sec. 17

Imerys
P O Box 759, Sahuarita, AZ 85629
520-625-6040 Fax: 520-625-0388 800-952-2769
http://www.imerys.com
Marble quarry crushing and grinding plant - Calcium feed additive, decorative stone, plaster roofing material and mineral fillers.
Company Listing

Employers: 14
Production Manager.............................. Javier Blanco
Office Manager..................................Diana Lee
Sales ...............................................Carl Cuthbertson
Santa Rita Quarry __ Limestone / Marble
31.875 -110.779, T18S R15E Sec. 14
Marble quarry located 15 miles southeast of Sahuarita.
Marble quarry - Raymond roller mill - Sizing and bagging plant.

Imix Group LLC
7225 N 110th Ave, Ste. 6, Glendale, AZ 85307
623-889-0362
Sand, gravel - concrete.
Operations Manager..............................Ron Hagger
Coolidge Plant #4 __ Sand and Gravel
33.020 -111.508, T5S R8E Sec. 2
Employees: 5
Tolleson Plant __ Sand and Gravel
33.391 -112.323, T1N R1W Sec. 35
6004 S. El Mirage Rd., Tolleson, AZ 85353
Concrete batch plant.

J.C. Rock LLC
6860 S. Nogales Highway, Tucson, AZ 85706
520-573-9948
Sorting, crushing, and screening, of metal mine overburden
for landscape materials and riprap.
Employees: 5
Partner/Operator .................................James L. Rodman
Johnson Camp __ Sand and Gravel
32.101 -110.072, T15S R22E Sec. 26

Jakes Granite Supplies LLC
3655 W. Anthem Way, PMB #366, Anthem, AZ 85086
602-629-1000
Supplies crushed granite for desert landscaping.
Employees: 9
Manager .............................................Shannon Everett
Congress Pit __ Crushed Stone
34.238 -112.884, T10N R6W Sec. 4

JDI Ent LLC
Thunderbird Materials
2674 N. Roundup Ave., Kingman, AZ 86401
928-718-1130
Sand and gravel.
Owner ..............................................Ben Overson
Sawmill Wash Pit __ Sand and Gravel
35.174 -114.013, T24N R16W Sec. 30
Employees: 17

Jim Bush Sand & Gravel
1015 N. Cameron Avenue, Ajo, AZ 85321
520-387-6250
Sand, gravel, and landscaping material.
Employees: 3
President ...........................................Patti Bush
Consultant .........................................Jim Bush
Safety Supervisor...............................Roy Chaney
Jim Bush Aggregate Plant __ Sand and Gravel
32.477 -112.855, T11S R6W Sec. 11
1015 N. Cameron Avenue, Ajo, AZ 85321
Mead road east of Hwy 85, 1 mile, cross tracks turn left, go
1 mile north, then left, .5 mile.

Kalamazoo Materials Inc.
6975 N. Oracle Rd., Tucson, AZ 85704
520-575-9601 Fax: 520-575-9604
http://www.kalamazoomaterials.com
Crushed granite and other decorative landscape rock.
Employees: 30
President ...........................................Paul D'Alessio
General Manager .................................Steven Somoski
Bonito Quarry __ Crushed Stone
32.564 -111.609, T10S R16E Sec. 15

Broccoli Raab __ Crushed Stone
32.750 -111.175, T24N R18W Sec. 33
Off US-93, 32 miles north of Kingman.

New Superior __ Crushed Stone
33.205 -111.060, T3S R21E Sec. 6
6.5 Miles South of Superior on Highway 177.

Old Superior Quarry __ Crushed Stone
32.256 -110.84, T2S R12E Sec. 14
3.5 miles south of Superior on AZ-177.

Valentine Quarry __ Crushed Stone
35.485 -113.541, T24N R12W Sec. 11

White Hills Pit __ Crushed Stone
35.794 -114.502, T28N R21W Sec. 23
Senator Rd. via White Hills Rd., 63 miles north of Kingman,
White Hills Mountains.

Kessen and Kessen
P O Box 174, Globe, AZ 85502
928-425-0123
Silica flux for Phelps Dodge’s Miami copper smelter - Mine
located northwest of Globe.
Employees: 5
Owner ........................................Steward Kessen
Copper Hill __ Silica Smelter Flux
33.425 -112.772, T1N R15.5E Sec. 15

Kilauea Crushers Inc.
21940 N. 75th Ave., Peoria, AZ 85383
602-843-1888 Fax: 623-561-1528
Crushing and screening plants - Crushed stone for desert
landscaping.
Employees: 40
President ..........................................Bill Nichols
Buckeye Hills Quarry __ Crushed Stone
33.283 -112.624, T2S R4W Sec. 1

Estrella Quarry __ Crushed Stone
33.289 -112.509, T2S R2W Sec. 6

Jomax Quarry __ Crushed Stone
33.736 -112.349, T5N R1W Sec. 35
131st Ave. & Jomax

Picacho Quarry __ Crushed Stone
33.913 -112.470, T7N R2W Sec. 33

Kinder Custom Farm Work
packing Plant Road, P O Box 45, Willcox, AZ 85644
520-384-4474
Gypsum crushing and screening plant - Agricultural
gypsum.
Employees: 5
President/Operator ..............................Tommy A. Kinder, Jr.
Company Listing

White Eagle Gypsum __ Gypsum
31.358 -109.465, T24S R28E Sec. 11

Kingman Turquoise Mining Co.
3471 Chea Dr., Kingman, AZ 86413
928-565-4650
Recovers turquoise for gemstones and jewelry from active copper mine operated by Mercator Minerals.
Employees: 13
Owner....................................................... Monty P. Nichols

Mineral Park __ Gemstones
35.367 -114.141, T23N R17W Sec. 19

L A Downey & Sons Inc.
11600 E. Poorman Rd., Tucson, AZ 85747
520-886-2315
http://ladowneyandsuns.uswestdex.com
Washed, uncrunched sand and gravel.
Employees: 8
President……………………………….. Dennis C. Downey
Vice President & Manager.................... Darrell Downey
Secretary/Treasurer......................... David Downey
Office Manager............................ Doris DeSmitt
Downey Sand and Gravel Pit __ Sand and Gravel
32.131 -110.748, T15S R16E Sec. 18

La Farge
Arizona Regional Office
11500 W. Beardsley, Sun City, AZ 85363
623-566-3000
http://www.lafarge.com
Sand and gravel, redimix.
Employees: 100
General Manager ........................................C.R. Herro

Cave Creek Plant 3 __ Sand and Gravel
33.664 -112.041, T4N R3E Sec. 27
19636 N. 20th St., Phoenix, AZ 85024

Happy Valley Plant 6 __ Sand and Gravel
33.704 -112.076, T4N R3E Sec. 8
23742 N. Central, Phoenix, AZ 85027

LaFarge Plant 7 __ Sand and Gravel
33.681 -112.706, T4N R4W Sec. 19 NW1/4
At Hassayampa River approximately 18 miles due west of intersection of US-60 and Loop 303.

Sun City __ Sand and Gravel
33.669 -112.307, T4N R1W Sec. 24
115th Ave. & Beardsley, Sun City, AZ 85345

Levin Stone Company Inc.
P O Box 95, Double A Ranch Road, Ash Fork, AZ 86320
520-637-2288 Fax: 520-637-2290
http://www.levinstoneco.com
Quarries and processes sandstone from several deposits - Purchases sandstone from independent quarries - Specializes in hand cut hearths, table tops, and dimensional cuts.
Employees: 60
President................................................. Phil Levin
Manager......................................................Lyle Levin
Transportation & Maint. Supt................Van Falls
Office Manager............................... Tammy Bannister

Fenno/Oaky Quarry __ Stone, Dimension
35.353 -112.646, T23N R3W Sec. 19

Levin Stone Plant __ Stone, Dimension
35.244 -112.487, T22N R2W Sec. 34
Processing plant located on Double A Ranch Road 2 miles north of Ashfork.

Linden Pearce Constr. Inc.
1020 Pearce Road, Show Low, AZ 85901
928-537-7454
Rock, sand, cinders, ready mix concrete, and asphaltic concrete.
Employees: 28
Owner/President.................................Joy T. Pearce, Jr
Owner......................................................Lavar Merrill
Secretary.......................... Kim Pearce
Portable Plant #3 __ Sand and Gravel
34.287 -110.121, T10N R21E Sec. 4
Show Low, AZ

Maddux & Sons Inc.
4000 N. Leslie Canyon Road, Douglas, AZ 85607
520-364-7564
Sand, gravel, ready mix, and rock products.
Employees: 35
President....................................................Leonard Maddux
Highway 191 Pit __ Sand and Gravel
31.386 -109.600, T23S R27E Sec. 33

Highway 80 Pit __ Sand and Gravel
31.353 -109.633, T24S R27E Sec. 7

Leslie Canyon Road __ Sand and Gravel
31.381 -109.546, T23S R16E Sec. 18

Material Delivery Inc.
dafl MDI Rock
P O Box 26055, Prescott Valley, AZ 86312
928-632-5320
http://www.mdirock.com
Decorative boulders and multi-colored crushed and screened material.
Employees: 35
Pit Manager.............................................Mike Denny

MDI Pit (El Paso Pit) __ Crushed Stone
34.548 -112.166, T14N R2E Sec. 33
14900 E. Highway 169, Dewey, AZ 86327

Matthewsville Excavating
10251 W. US Highway 70, Pima, AZ 85543
928-485-0420
Supplies sand and gravel.
Owner...................................................... Allen Matthews

Material Delivery Inc.
dafl MDI Rock
P O Box 26055, Prescott Valley, AZ 86312
928-632-5320
http://www.mdirock.com
Decorative boulders and multi-colored crushed and screened material.
Employees: 35
Pit Manager.............................................Mike Denny

MDI Pit (El Paso Pit) __ Crushed Stone
34.548 -112.166, T14N R2E Sec. 33
14900 E. Highway 169, Dewey, AZ 86327

Madison Granite Supply Inc.
7050 NW Grand Avenue, Glendale, AZ 85301
623-931-7760 Fax: 623-939-7722
Crushed granite produces Desert Madison Gold® for desert landscaping.
Employees: 12
President.....................................................Stan Novak
Madison Granite Pit __ Crushed Stone
33.759 -112.104, T5N R2E Sec. 24
I-17 to Happy Valley Rd. East to Norterra Rd. turn north, then 3 miles to mine.

Material Delivery Inc.
dafl MDI Rock
P O Box 26055, Prescott Valley, AZ 86312
928-632-5320
http://www.mdirock.com
Decorative boulders and multi-colored crushed and screened material.
Employees: 35
Pit Manager.............................................Mike Denny

MDI Pit (El Paso Pit) __ Crushed Stone
34.548 -112.166, T14N R2E Sec. 33
14900 E. Highway 169, Dewey, AZ 86327

Madison Granite Supply Inc.
7050 NW Grand Avenue, Glendale, AZ 85301
623-931-7760 Fax: 623-939-7722
Crushed granite produces Desert Madison Gold® for desert landscaping.
Employees: 12
President.....................................................Stan Novak
Madison Granite Pit __ Crushed Stone
33.759 -112.104, T5N R2E Sec. 24
I-17 to Happy Valley Rd. East to Norterra Rd. turn north, then 3 miles to mine.
Company Listing

McCall Construction
3201 Fort Beale Rd., Golden Valley, AZ
928-753-2705
Crushed, broken, traprock.
Owner..............................................................Larry McCall
McCall Pit __ Crushed Stone
35.220 -114.073, T21N R17W Sec. 11
Employees: 5

McCormick Construction Company
1941 Richardo Ave., P O Box 545, Bullhead City, AZ 86430
928-763-2272
Sand, gravel, rock products, and asphaltic concrete.
Employees: 38
President..........................................................Scott Merrill
McKusick Mosaic
9025 S. Kellner Canyon Rd., Globe, AZ 85501
928-425-5051 Fax: 928-425-7471
Mines clay for tile, cosmetic additives, sealants, horticultural mixes, and slip glaze and wind chimes.
Employees: 4
Owners..........................................................Robert & Charmion McKusick
Weary Lode Mine __ Clay
33.325 -110.800, T1S R15E Sec. 22
5 miles south of Globe.
Quarries clay for tile, sealants, horticulture mixes, and slip glazing material.

Meadow Valley Contractors Inc.
4602 E. Thomas Rd., Phoenix, AZ 85082
602-437-5400
www.meadowvalley.com
Redi Mix Detrital Pit __ Crushed Stone
35.794 -114.502, T28N R21W Sec. 23
3430 E Flamingo Rd., Las Vegas, NV 89121
702-433-2090
Employees: 2
Manager.......................................................... Larry Pastor

Mercator Minerals LTD
HC37 Box 500, Kingman, AZ 86413
928-565-2226 Fax: 928-565-9239
http://www.mercatorminerals.com/
Open-pit copper mine, SX-EW operation - Current plant capacity is 15 million lbs. of copper per year - Cu-Mo concentrator under construction.
Mineral Park __ Copper
35.367 -114.141, T23N R17W Sec. 19
Dump and bench leach copper mine - SX-EW plant.
Employees: 78
President and CEO .............................................Mike Surratt
Chief Financial Officer..........................................Ray Lee
Mine Manager.................................................. Jim Thompkins
Environmental Coordinator..............................Bob Spengler
Secretary.........................................................Myra Brock

Mesa Materials Inc.
3410 N. Higley Rd., P O Box 20040, Mesa, AZ 85215
480-830-1521 Fax: 480-981-9255
Sand, gravel, and asphaltic concrete.
Employees: 38
Owner............................................................ Edward C. Levy
Vice President .................................................. Wayne Stamper
Office Manager............................................... Bruce Erickson
Operations Manager, West Side.................... Dan Woodhead
Safety Manager............................................... Frank Vallie
Operations Manager, East Side.................. Ron Ernst
Coolidge Sand and Gravel
33.008 -111.474, T5S R9E Sec. 7
14152 N. Attaway Rd, Coolidge, AZ
Mesa Plant __ Sand and Gravel
33.475 -111.723, T2N R6E Sec. 34
3410 N. Higley Rd, Mesa, AZ
Sun Plant __ Sand and Gravel
33.401 -112.144, T1N R2E Sec. 27
Miller Mining
7011 N. Highway 89, Flagstaff, AZ 86001
928-526-5700
President.......................... Robert Miller
Miller Pit __ Cinders
35.323 -111.281, T22N R10E Sec. 1
Mineral Aggregate Recycling Services Inc.
49945 Ehrenberg Parker Hwy., Ehrenberg, AZ 85334
928-923-8650
Vice President.......................... Chester Scott
Ehrenberg Wash Pit __ Sand and Gravel
33.599 -114.486, T3N R22W Sec. 13
Employees: 9
Mineral Park Decorative Rock
Mineral Park Division
8275 N. Mineral Park Rd., HC 30 Box 266, Kingman, AZ 86401
928-565-9455
Employees: 18
General Manager.......................... Mark Adams
Cedar Hills Division __ Sand and Gravel
35.185 -113.779, T21N R14W Sec. 21
13 miles east of Kingman on I-40, exit Blake Ranch Road.
Mineral Park Pit __ Crushed Stone
35.364 -114.158, T23N R18W Sec. 24
Mineral Research & Recovery
Tucson Office and Plant
4620 S. Coach, Tucson, AZ 85714
520-748-9362 Fax: 520-748-9364 800-875-0776
http://www.mrrinc.com
Processes copper smelter slag for roofing granules and abrasives.
Employees: 35
President.......................... Michael Vick
Vice President Sales.......................... Steve Mehltman
Plant Superintendent.......................... Pat Synder
Ajo Plant and Slag Stockpile __ Sand, Industrial
32.375 -112.856, T12S R6W Sec. 14
520-387-7681
Highway 85, just south of Ajo.
Crushing plant and slag stockpile.
**Company Listing**

**Mortimer Inc.**
3166 Willow Creek Road, Prescott, AZ 86305
928-776-8000 Fax: 928-776-1618
http://www.mortimernursery.com
Produces Sedona Red, Rosa, and Classic Oak sandstone flagging and facing stone.
Employees: 20
President: Gary Mortimer

**Switchback Quarry __ Stone, Dimension**
34.829 -112.424, T17N R2W Sec.25
From Hwy 89 milepost 333, .5 miles south, then east about 2 miles.

**Morton Salt**
A Rohm Haas Company
13000 W. Glendale Ave., Glendale, AZ 85307
623-247-3000
http://www.mortonsalt.com
Solution mining via wells - Solar evaporation of salt brines.
Employees: 31
Safety Manager: Lonnie Hansen
Coordinator: Michele Jones

**Luke Salt __ Salt**
33.545 -112.332, T2N R1W Sec. 2
Solution salt mine.

**Murphy Landscaping & Excavating LLC**
38898 Harquahala, P O Box 1504, Salome, AZ 85348
928-916-7029
Owner/Operator: Steve and Cherie Murphy

**Rio Del Monte Mine __ Crushed Stone**
33.710 -113.598, T4N R13W Sec. 9
7 mi north of exit 53 (Hovatter Rd.) I-10 or 4 mi south of Salome on Harquahala Rd. - Quartz boulders for landscaping, screened material, crushed rock and riprap.
Employees: 2

**Nano Clays LLC**
Subsidiary of Zeox Corp.
1401 W. Glenn, Tucson 85705, P O Box 509, Cortaro, AZ 85652
520-744-8845
http://www.nanoclaysllc.com
Employees: 8
Managing Director: Daniel T. Eyde
VP Technology Development: Dave Chioko
Office Manager: Linda Bureau
MIS Manager: Barbara Caroll

**Burro Creek Clay __ Clay**
34.569 -113.351, T14N R10W Sec. 7
8 miles southwest of Bagdad.
Open-pit clay mine - Saponite clay shipped out of state for manufacture into viscosifiers for detergents and drainage aid for fine white paper made from recycled paper fibers.
Employees: 2

**WhiteCliffs __ Sand, Industrial**
32.642 -110.558, T9S R17E Sec 24
6 miles east of San Manuel on White Cliffs Road. Diatomite quarry and plant - Plant also processes zeolites from Arizona and Nevada.

**National Gypsum**
Gold Bond Building Products Division
1414 E. Hadley St., Phoenix, AZ 85304
602-258-9321 Fax: 602-257-8250
http://www.nationalgypsum.com
Gypsum mining and processing - Gypsum shipped to Phoenix plant for manufacture of plaster board.
Employees: 48
Production Manager: Robert Piercy
Office Manager: Wendy Self
Plant Manager: Doug Bareshich
Quarry Superintendent: Robert Foster

**Feldman Quarry __ Gypsum**
32.878 -110.689, T6S R16E Sec. 27
1103 S. Highway 77, Winkelman, AZ 85292
520-357-7180
Mine located 12 miles south of Winkelman east of Highway 77. Quarry expanding to supply new wallboard plant at Eloy.
Employees: 4
Quarry Superintendent: Robert Foster

**Nord Resources Corporation**
3048 Seven Dash Road, Dragoon, AZ 85609
520-586-2241
http://www.nordresources.com
Open-pit copper mine - Mine on care and maintenance.
Operations Manager: Erland Anderson
Superintendent: Matt Williams

**Johnson Camp __ Copper**
32.100 -110.062, T15S R22E Sec. 26
I10 E of Tucson, exit 322, turn left go .25 miles, take first road right and follow to Johnson Camp. Heap leach – Solvent extraction-electrowinning plant – Capacity 45,000 lb per day - On standby - Copper recovery planned from existing heaps.
Employees: 2

**North American Industries**
P O Box 218, Humboldt, AZ 85329
928-632-7214 Fax: 928-632-5747
Agricultural soil supplements.
Employees: 4

**Iron King Tailings __ Fertilizer Minerals**
34.500 -112.252, T13N R1E Sec. 22
Iron King Road Hwy. 69 North, Humboldt, AZ 86329
Highway 69 to Humboldt, Iron King Road. Reclaims zinc mine tailings - Formerly Ironite - Converting to liquid product - Produces fertilizer soil supplement with zinc, iron, trace elements, and nitrogen.
President: Stephan Schuchardt

**Oak Creek Contracting Inc.**
133 Madison, P O Box 738, Duncan, AZ 928-359-2722
Construction sand and gravel.
Owner: Gerald T. White

**Oak Creek Pit __ Sand and Gravel**
32.714 -109.065, T8S R32E Sec. 27
133 Madison, P O Box 738, Duncan, AZ 85534
Employees: 2

**Old Pueblo Adobe**
9353 N. Casa Grande Hwy., Tucson, AZ 85743
520-744-9328
http://www.oldpuebloadobe.com
Manufactures adobe.
Employees: 4
Owner: Robert Barnes

**Old Pueblo Adobe Pit #1 __ Clay**
32.371 -111.105, T12S R1E Sec. 23

Directory of Active Mines in Arizona - 2007 24
Company Listing

Omya Arizona Inc.
P O Box 188, 6 N. Mesquite, Superior, AZ 85273
520-689-2500
Plant is located west of Superior on Highway 60.
Produces powdered calcium carbonate for chemical and functional fillers in pharmaceutical, food, industrial, and construction industries.
Employees: 28
Plant Manager................................. Rod Wilton

Queen Creek Limestone __ Limestone / Marble
33.343 -111.069, T1S R13E Sec. 17
Quarry is 4 miles northeast of Superior.
Crushed and screened marble for feed to captive plant and for Superior Marble.

Oz Rock
921 S. Verde, Golden Valley, AZ 86413
928-565-3038
Sand and gravel.
Owner................................. Pat O’Neill
Employees: 3

Oz Rock Quarry __ Sand and Gravel
35.217 -114.135, T21N R17W Sec. 7
Pit just south of Hwy. 68 at Golden Valley.

Payson Concrete and Materials Inc.
1900 E. Hwy. 260, Payson, AZ 85541
928-474-2231 Fax: 928-474-0956
Aggregate, sand, gravel, rock products, ready mix concrete, and asphaltic concrete.
Employees: 40
Plant Manager................................. George Randall
Asphalt Manager................................. Clayton Randall
Sales Representative............................ Tim Hughes

Tonto Pit __ Sand and Gravel
33.964 -111.319, T7N R10E Sec. 10
SR-188 to milepost 267.5 take Slate Creek Trail east 0.3 miles to pit.

Phoenix Energy Corp.
701 Market Street, St Louis, MO 63101
314-342-3400
http://www.peabodyenergy.com

Peabody Western Coal Co.
P O Box 650, Kayenta, AZ 86033
928-677-3201
Operations Manager............................. C. Scott Williams
Mine Engineering & Service Manager........ Randy Leh
Tribal and Government Relations Manager... Walter Begay
Continuous Improvement Manager............. Chris Irwin
Environmental Services Manager ......... Vernorn R. Pfannenstiel

Kayenta Mine __ Coal
36.533 -110.392, T36N R18E Sec. 15
P O Box 650, Kayenta, AZ 86033
928-677-3201
Located 30 miles southwest of Kayenta. Surface coal mine - Supplies Navajo electric power plant 78 miles distant, via unit trains - Produced over 8 millions tons in 2006.
Employees: 375
Mine Manager................................. Buck Woodward
Production Manager.......................... Barry Grass
D&S Manager................................. Randall Hendrix
Preparation Manager.......................... Art Kirby
Heavy Equipment Manager................... Jeff Shifflett
Mobile Equipment Manager................ Ed Hitehair
Warehouse Manager........................... Patrice Sims
Safety Manager............................. Daniel Ashike

Perkins Cinders Inc.
1950 E. Adams, Suite C, Show Low, AZ 85901-5228
928-537-2008
Produces cinders scoria.
Owner.............................................. Kay Perkins

Owens Pit __ Cinders
34.255 -109.974, T10N R22E Sec. 23
Hwy 60 east of Show Low at milepost 344.
Employees: 12

Turly Pit Crushing Plant __ Sand and Gravel
34.536 -110.410, T13N R18E Sec. 11
Milepost 7 on Hwy 377, near Heber.
Employees: 2

Phoenix Cement Company
dba Salt River Materials Group

Bulk Cement Terminal
1941 W. Lower Buckeye Road, Phoenix, AZ 85009
602-258-7798
Main Office
8800 E. Chaparral Rd, Suite 155, Scottsdale, AZ 85250
480-850-5757 Fax: 480-850-5758
http://www.srmaterials.com

Produces Portland Cement Types I, II, and masonry cement used in the construction industry.
Employees: 22
President................................. Roger Smith, Jr.

Clarkdale Quarry & Plant __ Cement
34.781 -112.106, T16N R2E Sec. 11
P O Box 428, Clarkdale, AZ 86324
928-634-2261
Located two miles northwest of Clarkdale. - Capacity 1.1 million tpy cement.
Employees: 148

Environmental Engineer.......................... Brett Lidsay
Purchasing/Stores................................. Bill Ayers
Director Human Resources..................... Kathy Hanson
Production Manager............................. Mark Simmons
Controller................................. Stepahney Osborn
V.P. Operations/Plant Manager............... Greg St.Clair

Verde Gypsum Quarry __ Gypsum
34.533 -111.791, T13N R5E Sec. 11
P O Box 786, Camp Verde, AZ 86322
928-567-3854
Gypsum and clay quarry five miles east of Camp Verde on State Highway 260. Supplies gypsum to cement plant in Clarkdale - also agricultural and horticultural uses.
Employees: 3

Phoenix San-Man
1498 W. Melody, Gilbert, AZ 85233
480-998-7414
Produces sand and gravel.
President............................................. Craig Hills

Coolidge Plant __ Sand and Gravel
33.009 -111.474, T5S R9E Sec. 7
Employees: 15

Hassayampa Plant 10 __ Sand and Gravel
33.516 -112.740, T2N R5W Sec. 14
Employees: 6

Litchfield/Goodyear Plant __ Sand and Gravel
33.408 -112.357, T1N R1W Sec. 27
4405 S. Litchfield Road, Avondale, AZ 85323
623-882-0277
Employees: 14

Sun City Plant 12 __ Sand and Gravel
33.678 -112.310, T4N R1W Sec. 24
Company Listing

Pinal Gypsum
Pinal Harvest Inc.
P O Box 99, Coolidge, AZ 85228
520-723-3131 Fax: 520-723-3131
Gypsum mining - Processes, sells, delivers and applies
gypsum to crop land and golf courses.
Employees: 5
President and General Manager ............ James Bechtel
Orders and Transportation .................... Lee Skiles
Office Manager .................................. Zora Bechtel

White Cross Mine __ Gypsum
32.781 -110.645, T7S R17E Sec. 31
From Highway 77 at mile post 177.5 just north of Mammoth
1/2 mile east to pit.

Pioneer Sand Company
1404 W. San Pedro, Gilbert, AZ 85233
480-926-1700 Fax: 480-926-9091
http://www.pioneersand.com
Sand, natural river rock, crushed and decorative rock.
Employees: 145
Owner.................................................... Gary Schnurr
Vice President ....................................... Dave Sawyers
Office Manager ........................................ Tammie Mixdorf

Casa Grande Quarry __ Crushed Stone
32.619 -111.912, T9S R4E Sec. 25
35 miles south on Hwy. 15 from Casa Grande, then 1 mile west.

Glendale __ Sand and Gravel
33.555 -112.308, T3N R1W Sec. 36
11550 W. Northern Avenue, Glendale, AZ 85307

Green Valley __ Sand and Gravel
33.122 -111.575, T3S R8E Sec. 31
15605 S. Mission Road, Green Valley, AZ 85614

Navajo Quarry __ Crushed Stone
33.941 -112.521, T7N R3W Sec. 24

Picacho Quarry __ Crushed Stone
32.359 -111.191, T12S R11E Sec. 26
East of Picacho Peak.

Pioneer Sand Hassayampa __ Sand and Gravel
33.515 -112.740, T2N R5W Sec. 14
San Tan __ Sand and Gravel
33.122 -111.575, T3S R8E Sec. 31
Queen Creek, AZ

Valencia Road, Tucson __ Sand and Gravel
32.129 -110.990, T15S R13E Sec. 14
1011 W. Valencia Road, Tucson, AZ 85706

Prescott Dirt
P O Box 3660, Chino Valley, AZ 86323
928-636-5844
Sand and gravel.
Employees: 8
Owner.................................................... Steve Leigh

Chino Valley Pit __ Sand and Gravel
34.606 -112.451, T14N R2W Sec. 10
Willow Lake Road, Chino Valley, AZ 86301
Hwy. 89 to Pioneer Parkway to Willow Creek Rd. to Willow Creek Reservoir.

Prescott Valley Granite
HC 61, Box 1188, Dewey, AZ 86327
928-632-8204
Decomposed and crushed granite for desert landscaping.

Employees: 2
Owner Operator................................. Ed Respondek
Partner............................................. Joe Raleigh

Prescott Valley Granite Pit __ Crushed Stone
34.548 -112.165, T14N R2E Sec. 33
5 mi NE of Dewey, north of SR-169.

Red Hills Mining LLC
P O Box 1169, Florence, AZ 85232
602-722-0861
Owner............................................... Clark Heisler

Red Hills Quarry __ Crushed Stone
33.035 -111.216, T4S R11E Sec. 33
From AZ 79 take Florence-Kelvin Hwy east 9 miles to
Whitlow Ranch Road, then north 3.5 miles.
Crushed granite for landscaping - Marketed as Desert Sunset.
Employees: 2

Red Mountain Mining Inc.
4520 N. Bush Highway, Mesa, AZ 85215
480-932-3390
Crushed, broken granite.
Employees: 38
President ............................................ Dale Longbreak

Red Mountain Quarry __ Crushed Stone
33.498 -111.690, T2N R6E Sec. 24

Arizona is #2 in gemstones
USGS 2005 figures

Red Rock Cinder Company
P O Box 1262, Taylor, AZ 85937
928-537-8268
Supplies cinders.
Owner.................................................. Patrick Reidhead

Dukes Peak __ Cinders
34.327 -109.964, T11N R22E Sec. 25
Bourdon Ranch Road, Show Low, AZ 85901
Dukes Peak aka Cooley Knoll on USGS topo.
Employees: 3

Reidhead Sand & Rock Inc.
2095 Papermill Rd., Box 7, Taylor, AZ 85939
928-536-4519 Fax: 928-536-2124
Sand, gravel, and ready mix concrete.
Employees: 35
Manager.............................................. Jack Zellner

Taylor Pit __ Sand and Gravel
34.468 -110.126, T12N R21E Sec. 4
Quarry located 2 miles west of Arizona 77 on Paper Mill Road.

Resolution Copper Mining LLC
JV Rio Tinto (55%) and BHP Billiton (45%)
Resolution Copper Mining LLC Phoenix Office
2525 E. Arizona Biltmore Way, Phoenix, AZ 85016
602-956-0223 Fax: 602-956-0332
President................................. John Rickus
Vice President, HSE and Construction ...... Bill Williams
Vice President, Pre-Feasibility................ Rich Heig
HR Manager.............................. Richard Stilgenbauer
Financial Operations Officer................. Dave Hofeling
Company Listing

IT Manager: Joe Gar
Director, Corporate Communications: Jennifer Russo

Resolution Copper __ Copper
33.304 - 111.067, T1S R13E Sec. 32
102 Magma Heights, P O Box 1944, Superior, AZ 85273
520-689-9374 Fax: 520-689-2471
Pre-feasibility infrastructure development for a large underground block cave copper mine - Projected production level 7000 feet below the surface - Production of 100,000 tpd is envisioned.
Employees: 1581

Employees: 71

Rinker Materials
701 N. 44th St., Phoenix, AZ 85008-6504
602-220-5000
http://www.rinker.com
Supplies aggregate, ready mix concrete and asphaltic concrete - Also operates one gypsum mine.
Employees: 1581

President: Karl Watson Jr
Vice President: Doug Augeri
Vice President Readymix: Graham Hardwick
CFO: Steve Hullett
Environmental Manager: Joel Nickel

107th Ave. Sand & Gravel __ Sand and Gravel
33.701 - 112.291, T4N R1E Sec. 7
24004 N. 107th Ave., Peoria, AZ 85382
928-425-5775

19th Ave Sand & Gravel __ Sand and Gravel
33.413 - 112.100, T1N R2E Sec. 24
3640 S. 19th Ave., Phoenix, AZ 85009
602-262-1465 Fax: 602-262-1244

59th Avenue Sand & Gravel __ Sand and Gravel
33.397 - 112.186, T1N R2E Sec. 29
5605 S. 59th Ave., Laveen, AZ 85339
602-809-4122

7th Street Readymix __ Sand and Gravel
33.679 - 112.067, T4N R3E Sec. 20
2100 N. 7th Street, Phoenix, AZ 85020
623-582-1503 Fax: 623-581-5245

Agua Fria Pit __ Sand and Gravel
33.554 - 112.307, T2N R1W Sec. 1
11550 W. Northern Avenue, Glendale, AZ 85307
623-974-9027
Manager: Jim Eastmoore

Apache Junction Readymix __ Sand and Gravel
33.381 - 111.578, T1N R8E Sec. 31
2854 W. Baseline Rd, Apache Junction, AZ 85219
480-982-0854 Fax: 480-982-0987

Avra Valley Readymix __ Sand and Gravel
32.403 - 111.165, T12S R12E Sec. 7
10100 W. Avra Valley Road, Marana, AZ 85653
520-572-5779 Fax: 520-572-5796

Beeline Sand & Gravel __ Sand and Gravel
33.469 - 111.840, T2N R5E Sec. 34
2830 N. Beeline Hwy, Mesa, AZ 85256
480-990-0847 Fax: 480-990-0955

Bullhead City Sand and Gravel __ Sand and Gravel
35.115 - 114.550, T20N R21W Sec. 18
1950 Bullhead Pkwy., Bullhead City, AZ 86403
928-763-2355 Fax: 928-763-1942
Area Manager: Eric Richardson
Crusher Superintendent: Marcus McClure

Camp Verde Sand & Gravel __ Sand and Gravel
34.616 - 111.917, T14N R4E Sec. 10
3600 Old Hwy. 279, Camp Verde, AZ 86322
928-567-2244 Fax: 928-567-0897

Casa Grande Sand & Gravel __ Sand and Gravel
32.859 - 111.802, T6S R5E Sec. 34, 35
2305 S. Roof Tile Road, Casa Grande, AZ 85222
602-220-5431 Fax: 520-836-4899

Central Avenue Aggregates __ Sand and Gravel
33.417 - 112.082, T1N R3E Sec. 20
2875 S. 7th Avenue, Phoenix, AZ 85041
602-243-7899 Fax: 602-243-7882

Coolidge Sand & Gravel __ Sand and Gravel
33.002 - 111.469, T5S R9E Sec. 18
9253 E. Highway 287, Coolidge, AZ 85228
602-220-5454

Cortaro Sand & Gravel __ Sand and Gravel
32.359 - 111.099, T12S R12E Sec. 26, 27
9021 N. Casa Grande Hwy, Cortaro, AZ 85652
520-572-5775 Fax: 520-572-8895

County 19th Street Plnt __ Sand and Gravel
32.535 - 114.589, T10S R23W Sec. 26
Yuma, AZ 85365
928-941-1743

El Mirage Sand & Gravel __ Sand and Gravel
33.561 - 112.321, T3N R1W Sec. 35
8635 N. El Mirage Rd, El Mirage, AZ 85335
623-535-7836 Fax: 623-535-5209

Florence Plant __ Sand and Gravel
33.027 - 111.466, T5S R9E Sec. 6
17685 N. Tanner Rd., Florence, AZ 85232
602-809-2545

Glenendale Sand & Gravel __ Sand and Gravel
33.560 - 112.318, T1N R2E Sec. 1, 12
11920 W. Glendale Road, Glendale, AZ 85307
602-809-7657 Fax: 620-220-5629

Globe Aggregates __ Sand and Gravel
33.448 - 110.827, T1N R15E Sec. 10
401 Hoops Rd., Globe, AZ 85501
928-425-5775 Fax: 928-425-0114

Globe-Bixby Pit __ Sand and Gravel
33.470 - 110.841, T2N R15E Sec. 32, 33
Bixby Road, P O Box 3100, Globe, AZ 85502
928-425-5775

Gomez Sand & Gravel __ Sand and Gravel
33.401 - 112.118, T1N R2E Sec. 24
5150 S. 27th Ave., Phoenix, AZ 85041
602-304-9082

Green Valley Readymix S & G __ Sand and Gravel
31.911 - 110.956, T17S R14E Sec. 31
18701 S. Old Nogales Highway, Sahuarita, AZ 85614
520-625-5899

Grey Mountain Pit __ Sand and Gravel
35.692 - 111.465, T27N R9E Sec. 39
Hwy 89 13 miles east of Yuma at milepost 37.
Yuma, AZ 85365
928-941-1743

Higley Readymix __ Sand and Gravel
33.417 - 112.082, T8S R5E Sec. 34
2305 S. 7th Avenue, Phoenix, AZ 85041
602-220-5454

Highway 95 Sand & Gravel __ Sand and Gravel
32.840 - 111.236, T15N R1E Sec. 23
Prescott Valley, AZ 86341

Highway 95 Sand & Gravel __ Sand and Gravel
32.741 - 114.421, T8S R21W Sec. 9
Yuma, AZ 85365
928-343-4180 Fax: 928-726-1364
SR-95 13 miles east of Yuma at milepost 37.
<table>
<thead>
<tr>
<th>Company Name</th>
<th>Address</th>
<th>Contact Numbers</th>
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<tbody>
<tr>
<td><strong>Jomax Sand &amp; Gravel</strong></td>
<td>33.478 -111.723, T2N R6E Sec. 34</td>
<td>623-809-830</td>
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<tr>
<td><strong>Maricopa Sand &amp; Gravel</strong></td>
<td>33.465 -111.858, T1N R5E Sec. 5</td>
<td>480-396-6595 Fax: 480-396-1030</td>
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<tr>
<td>**McDowell Road Plant **</td>
<td>33.465 -111.858, T1N R5E Sec. 5</td>
<td>480-396-6595 Fax: 480-396-1030</td>
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<tr>
<td>**McKellips Plant 115 **</td>
<td>33.442 -111.876, T1N R5E Sec. 7</td>
<td>480-396-6595 Fax: 480-396-1030</td>
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<tr>
<td><strong>Mohave Sand &amp; Gravel</strong></td>
<td>35.020 -114.619, T19N R22W Sec. 21</td>
<td>928-330-3330 Fax: 928-330-3332</td>
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<td><strong>Nogales Sand &amp; Gravel</strong></td>
<td>31.415 -110.985, T23S R13E Sec. 23</td>
<td>520-281-9669</td>
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<tr>
<td>**Old Highway 80 Pit **</td>
<td>33.214 -112.748, T2S R5W Sec. 35</td>
<td>520-281-9669</td>
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<td>**Prescott Asphalt **</td>
<td>34.640 -112.409, T15N R1W Sec. 31</td>
<td>928-899-0216</td>
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<tr>
<td>**Prescott Ready Mix **</td>
<td>34.564 -112.442, T14N R2W Sec. 26</td>
<td>928-443-9207 Fax: 928-541-0633</td>
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<tr>
<td><strong>Queen Creek Sand &amp; Gravel</strong></td>
<td>33.232 -111.528, T2S R8E Sec. 22, 27</td>
<td>480-888-0428 Fax: 480-888-0178</td>
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<td><strong>Sacaton Sand and Gravel</strong></td>
<td>33.146 -111.832, T3S R5E Sec. 22</td>
<td>602-220-5552 Fax: 602-220-5553</td>
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<tr>
<td><strong>Schieble Pit Sand &amp; Gravel</strong></td>
<td>33.770 -112.388, T16N R1W Sec. 17</td>
<td>928-899-1903</td>
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<tr>
<td>**Second Mesa #1 Pit **</td>
<td>35.793 -110.505, T28N R17E Sec. 34</td>
<td>623-780-0333 Fax: 623-780-0336</td>
</tr>
</tbody>
</table>

**Company Listing**

Directory of Active Mines in Arizona - 2007  28
Directory of Active Mines in Arizona - 2007

Employees: 45
Congress Quarry __ Crushed Stone
34.238 -112.884, T10N R6W Sec. 4
Quarry Operation Manager ......................... Paul Mooney

S & S Concrete & Materials LLC
3000 Pass Canyon Road, Bullhead City, AZ 86429
928-754-1999
Mines sand and gravel, produces concrete.
Employees: 10
Manager ................................................... Bob Swartzman

Pass Canyon Plant __ Sand and Gravel
35.131 -114.557, T20N R21W Sec. 7

Salt River Sand & Rock
Salt River Materials Group
N. Dobson and E. McKellips Roads, P O Box 728, Mesa, AZ 85211
480-990-1987 Fax: 480-941-7159
http://www.srmaterials.com
Operates one of the largest sand and gravel mines in the United States.
Employees: 150
Owner ...................... Salt River Pima Maricopa Indian Community
Manager ................................................. Gary Mackey
Sales Manager ........................................ Denny Willcox

67th Ave. and Southern __ Sand and Gravel
33.403 -112.189, T1N R2E Sec. 30

Beeline Highway __ Sand and Gravel
33.492 -111.807, T2N R5E Sec. 26

Dobson __ Sand and Gravel
33.444 -111.874, T1N R5E Sec. 7

Higley Road __ Sand and Gravel
33.490 -111.731, T2N R6E Sec. 27

Olive Ave. __ Sand and Gravel
33.603 -112.259, T3N R1E Sec. 16

Sun City __ Sand and Gravel
33.682 -112.308, T4N R1W Sec. 24

Silver Arrow Stone
H.C. 64, Box 152, 2555 N. Hwy. 89A, Fredonia, AZ 86022
928-643-7321 Fax: 928-643-7328
Quarries and processes sandstone, flagstone, and limestone - Products include snap cut veneer, hearths, benches, patio tiles, and landscape boulders.
Employees: 10
President .................................................... Roger Smith
Vice President ........................................ Lawrence L. Casebolt

Stone Yard and Plant __ Stone, Dimension
36.993 -112.532, T42N R2W Sec. 32

Sweet Thing 1 and 2 __ Stone, Dimension
36.736 -112.843, T38N R5W Sec. 33

Sleeping Beauty Turquoise
P O Box 1245, Glendale, AZ 85318
623-566-2020 Fax: 480-585-3959
Produces sand and gravel.
Employees: 5
President/CEO ........................................... Roger A. Vancamp
107th Avenue & W. Jomax Rd. __ Sand and Gravel
33.730 -112.294, T5N R1E Sec. 32
27212 N. 107 Ave., Peoria, AZ 85345

Star Stone Quarries Inc.
4040 South 300 West, Salt Lake City, UT 84107
801-262-4300
http://www.american-stone.com/
Quarries sandstone - process and sells flagstone.

Crookton Quarry __ Stone, Dimension
35.318 -112.636, T22N R3W Sec. 5
Employees: 5
Owner ......................................................... Ron Thomas

Star Valley Granite & Materials
22 Cornerstone Way, Payson, AZ 85541
928-474-9396
Supplies crushed, broken, granite.
Owner/Operator ........................................ Roy Haught

Star Valley Granite Quarry __ Crushed Stone
34.256 -111.259, T11N R11E Sec. 31
Employees: 2

Stone World
Old Nevada Corporation
15979 N. 76th Street, Suite D, Scottsdale, AZ 85260
480-951-4418 Fax: 480-951-0933
Company Listing

http://www.stoneworldcompany.com

Quarries sandstone - Also operates 6 travertine quarries in New Mexico.
Employees: 60
Owner..............................................................Ray Bosiljcic
Owner....................................................... Lilianna Hardisty
Office/Business Manager .....................................Jan Hugo

Fabrication Plant and Wholesale Yard
921 Old Route 66, Ash Fork, AZ 86304
928-637-1111
Fabrication plant and wholesale yard - Produces flagstone, snap cut bricks, and ledge stones.
Quarry Foreman.................................... Leonardo Ramirez
Quarry Foreman...........................................Luna Alhandro

Champagne Quarry __ Stone, Dimension
35.349 -112.447, T23N R2W Sec. 25

Classic Oak __ Stone, Dimension
35.372 -112.464, T23N R2W Sec. 14

Lizard Group Quarries __ Stone, Dimension
35.085 -112.307, T20N R1E Sec. 29

Mayer Onyx __ Stone, Dimension
34.404 -112.239, T12N R1E Sec. 22

Rattlesnake Canyon __ Stone, Dimension
35.093 -112.327, T20N R1E Sec. 19

Sedona Red __ Stone, Dimension
35.258 -112.416, T22N R1W Sec. 29

Sud-Chemie Performance Packaging-Div/Sud-Chemie
United States Corporate Headquarters
P O Box 32370, Louisville, KY 40232
502-634-7200 Fax: 502-637-3732
http://www.sud-chemie.com

Processing Plant
101 Christine Drive, Belen, NM 87002
505-864-6691
Site Manager ..............................................Claude Dardant

Cheto Mine 1 __ Clay
35.207 -109.248, T21N R29E Sec. 23
Strip bentonite mine - Seasonal operation by mining contractors - Low swelling bentonite is shipped to Belen, New Mexico for the production of desiccants.
Employees: 6

Sun Land Materials LLC
6950 W. Southern Ave., Laveen, AZ 85339-2913
602-237-3210
Construction sand and gravel.
Manager..................................................................Erman Christofferson

Laveen Plant __ Sand and Gravel
33.392 -112.209, T1N R1E Sec. 36
Employees: 6

Suncrete Acquisition Corp.
dba Sunshine Concrete
2162 Price Dr., Lake Havasu, AZ 86404
928-764-4000
Supplies concrete, sand and gravel.
President/CEO .................................................. John Stoss

Airport Pit and Plant __ Sand and Gravel
34.550 -114.341, T14N R20W SEC 15
Employees: 5

McConnico/Kingman Plant and Quarry __ Sand and Gravel
35.160 -114.084, T21N R17W Sec. 34
Employees: 6

SunRoc
1000 Bias Ranch Rd., Littlefield, AZ 86432
928-347-5512
www.sunroc.net
Produces sand and gravel.
Employees: 6
Plant Manager ..................................................Brant Humphrys

Beaver Dam Plant __ Sand and Gravel
36.899 -113.925, T40N R15W Sec. 5

Sunset Marble Company LLC
31105 Boyer Gap Rd., Quartzsite, AZ 85359
928-853-0497
http://64.146.54.138
Produces crushed, decorative marble for landscaping.
Administrative Manager...............................Leo Crowley
Production Manager ........................................... Val Peavy

Copper Chief __ Crushed Stone
33.734 -114.325, T5N R20W Sec. 34
Employees: 3

Superior Marble LLC
Jokake Construction
2 N. Mesquite Drive, P O Box 1905, Superior, AZ 85373
520-689-8000 Fax: 520-689-5555
http://www.superiormarble.com
Marble crushing and screening plant - Landscape, plaster, feed supplements, texture sand for EIFS wall systems, and specialty aggregate.
Employees: 35
President (Jokake Const.) ......................... Mike Smith
President Superior Marble ......................... Roz Lizpy
Vice President (Jokake Const.) .................. Gary Smith
Plant Manager ............................................... Rick Erman
Administrative ............................................... Lori Stevens

Superior Marble __ Limestone / Marble
33.287 -111.120, T1S R12E Sec. 35
Marble quarry is located 4 miles northeast of Superior.
Plant is west of Superior on Hwy. 60.
Plant processes marble from Omya's Queen Creek Marble quarry.

Superlite Block
An Oldcastle Company
4150 W. Turney, Box 23163, Phoenix, AZ 85063
602-269-3561
http://www.suprliteblock.com
Volcanic cinders used to make building block at the Phoenix and Mesa plants.
President (Old Castle) ....................... Doug Ward
President (Superlite Block) ..................... Ted Kozikowski
Mine Superintendent ............................... Terry Mitchell

Darling Cinder Pit __ Cinders
35.226 -111.411, T21N R9E Sec. 2
P O Box 30956, Flagstaff, AZ 86003-0956
928-526-5499
I-40 east of Flagstaff to Winona exit 211. Turn left for 0.5 miles, turn right on Jobe Rd. to plant.
Employees: 5
Mine Superintendent ............................... Terry Mitchell

Superstition Crushing LLC
3914 E. Presidio St., Mesa, AZ 85215
480-833-8933
Supplies aggregate.

Alameda Pit __ Sand and Gravel
33.702 -112.056, T4N R3E Sec. 9
Employees: 7
Manager: Butch Allred

Superstition Mountain Stone Inc.
8008 N. Highway 88, Apache Junction, AZ 85219
480-983-6647
Supplies crushed granite.
Employees: 4
Owner: Paul Helmick
Manager: John McDaniel

Superstition Mountain Granite Pit __ Crushed Stone
33.468 -111.482, T2N R8E Sec. 36

Tacna Sand & Gravel LLC
928-785-4584
Washed sand, cement sand, well rock, blasting sand, and pea gravel.
Employees: 9
Manager: Bill Gritt

W ellton __ Sand and Gravel
32.775 -113.980, T7S R17W Sec. 35

Tee Pee Sand & Gravel
4970 S. Trekell Rd., Casa Grande, AZ 85222
520-836-3879
Sand and gravel supplier.
Owner: Tim Tate

Texas Canyon Rock & Sand
627 E. 4th St., Benson, AZ 85602
520-586-2463
Sand and gravel.
President: Archie Smith

Texas Canyon Pit __ Sand and Gravel
32.088 -110.078, T15S R22E Sec. 35

Tombstone Sand & Rock LLC
520-457-9360
Produces sand and gravel.
Manager: Dale Turner

Emerald Mine __ Sand and Gravel
31.708 -110.057, T20S R22E Sec. 12
Employees: 7

Treasure Chest Granite Pit Inc.
2775 E. Canyon St., Apache Junction, AZ 85220
480-983-1606
Produces screened granite and granite fines - Marketed as Rainbow Mist and Desert Rose.
President/CEO: Douglas Konshur

Treasure Chest Granite Quarry __ Crushed Stone
33.460 -111.515, T1N R8E Sec. 3

TriCounty Materials
3125 Hwy. 191 South, P O Box 789, Safford, AZ 85548
928-428-1371
Sand, gravel, rock products, ABC, ready mix concrete, and asphaltic concrete.
Employees: 40
Owner: Jack Gilbert
Plant Superintendent: Rick Claridge

Morris Pit #1 __ Sand and Gravel
32.798 -109.701, T7S R26E Sec. 29

Triple R Stone
10580 S. State Route 69, Mayer, AZ 86333
928-632-4667
Markets schist for stone veneer.
Owner: Robert Paterno

Copper Queen __ Stone, Dimension
34.403 -112.191, T12N R2E Sec. 19
About 3 miles from Mayer off Hwy 69.
Employees: 8

Tucson Ready Mix Inc.
CPC Southwest Materials
6601 N. Casa Grande Hwy., Tucson, AZ 85743
520-744-3222 Fax: 520-744-4394
http://www.calportland.com
Sand, gravel, rock products, ready mix concrete, ABC, and asphaltic concrete.
Employees: 150
Arizona Director: Mike Smith

Orange Grove Rd. __ Sand and Gravel
32.324 -111.057, T13S R13E Sec. 6
6601 N. Casa Grande Hwy., Tucson, AZ 85743

Valencia Rd. __ Sand and Gravel
32.117 -110.740, T15S R16E Sec. 19
11800 E. Valencia Rd., Tucson, AZ 85747

Tufflite Inc.
7206 N. 55th Ave., Ste. 100, Glendale, AZ 85301
623-931-3681
Pozzolanic pumice used in making lightweight ready mix and block, cultured decorative stone and for horticultural preparations.
Employees: 6
President: C.T. Morgan
Vice President/Mine Manager: Ed Morgan
Secretary/Treasurer: Clay Morgan
Orders and Transportation: Kinda Bush

White Vulcan __ Pumice
35.361 -111.587, T23N R8E Sec. 19
Mine and reclamation site located 12 miles north of Flagstaff.

Twin Peaks Rock and Stone
P O Box 803, Rillito, AZ 85654
520-682-7058
Operates at Arizona Portland Cement’s Twin Peaks limestone quarry - Gravel, rock products, and ABC.
Employees: 3
Plant Manager: David Bittel

Twin Peaks Rock and Stone __ Sand and Gravel
32.359 -111.191, T12S R11E Sec. 26

UOP
701 Wingedfoot Dr., Carlsbad, NM 88220
505-885-8367
http://www.uop.com
Open pit zeolite mines operated by contract mining company.
Employees: 7
Sr. Mining Engineer: Morris Worley
Bowie Chabazite __ Zeolites
32.450 -109.378, T11S R29E Sec. 27
Chabazite used for specialty adsorbents.
Union Pass Mordenite __ Zeolites
35.221 -114.397, T21N R20W Sec. 11
Mordenite used for specialty adsorbents.

Vulcan Materials Company
Western Division Corporate Office
3200 San Fernando Road, Los Angeles, CA 90065
323-258-2777
http://www.vulcanmaterials.com
Sand, gravel, rock products, ready mix concrete, ABC, and asphaltic concrete.

Arizona New Mexico Regional Office
2526 E. University Dr., Phoenix, AZ 85034
602-254-8465 Fax: 602-253-1026
Employees: 50
VP/General Manager: Rick Vickery
VP Business Dev./Regional Council: Mark Reardon
Phoenix Operations Manager: Mark Pachura

Tucson District Office
1100 E. Ajo Way, Suite 209, Tucson, AZ 85713
520-806-0500 Fax: 520-806-0501
Tucson/Albuquerque Operations Mgr: Rick Gray
Sales Manager: Ron Green
Avondale Plant __ Sand and Gravel
33.398 -112.341, T1N R1W Sec. 27
5300 S. Dysart Rd., Avondale, AZ 85323
623-932-4100 Fax: 623-932-5944
Employees: 27
Plant Manager: Richard McDonald

West Plant __ Sand and Gravel
33.398 -112.157, T1N R2E Sec. 28
4830 S. 43rd Avenue, Phoenix, AZ 85041
602-237-3871 Fax: 602-237-9722
Employees: 119
Plant Manager: Norm Buckner

Wesco Minerals LLC
Wesco Sales Office
5934 E. Sandra Terrace, Scottsdale, AZ 85254
602-996-4845 Fax: 602-996-7967
http://www.wescominerals.com
High purity crushed feldspathic sand - Also silica sand for stucco and plaster.

Fan Quarry __ Sand, Industrial
33.222 -112.586, T2S R3W Sec. 29
South of Buckeye, east of Highway 85, off pipeline road.

Western Mining and Minerals Inc.
subsidiary of Saint Gobain Corporation
BPB Gypsum Plant
HCR 89033, Box 2900, Las Vegas, NV 89124
702-875-4001
Gypsum mining - Supplies the cement, plaster products, wallboard, and...
fertilizer industries.

Mine Superintendent...............................Kenny Thompson

**Western Mining and Minerals**

225 N. Bluff Street, Suite 5, St. George, UT 84770
435-628-3916 Fax: 435-628-4441
http://www.westernminingandminerals.com

Employees: 26

**Black Rock Mine __ Gypsum**
36.768 -113.594, T39N R12W Sec. 21

**Gypsum City Mine __ Gypsum**
36.943 -113.635, T41N R12W Sec. 19

Open pit mine - aka Snowflake Gypsum Mine - Primary and secondary crushing and screening plant - 300 tpd Raymond roller mill fine grinding plant and loading terminal at Apex, Nevada.

**Weston Concrete & Materials Inc.**

510 N. Tegner St. Suite 3, Wickenburg, AZ 85390
928-684-5112

Supplies concrete, sand and gravel.

Employees: 25

Owner........................................................Kevi n R. Schuck

**Tegner Plant __ Sand and Gravel**
33.986 -112.740, T7N R5W Sec. 1

**Wheeler Construction Inc.**

W C I Mining LLC

1310 N. 24th Street, Phoenix, AZ 85008
602-254-3179

Sand, gravel, rock products, and ABC.

Employees: 25

Manager......................................................John Seibert

**Gila River __ Sand and Gravel**
33.020 -111.507, T5S R8E Sec. 2

Hwy. 287 east to Christensen Road, one mile north to Gila River.

**White Mountain Rock Products**

3561 E. Deuce of Clubs, Show Low, Az 85901
928-537-1770

Supplies sand and gravel.

Employees: 25

Owner..........................................................Chris Reinesch

**Barth Pit __ Sand and Gravel**
34.752 -109.242, T16N R29E Sec. 35

**White Mountain Sandstone Corp.**

18 S. Main, P O Box 454, Taylor, AZ 85939
928-536-4912

Quarries sandstone - Supplies building and patio stone - Saws tiles and decorative objects.

Employees: 25

Owner...........................................................Monte Nichols

General Manager............................................Leverm Sumpter

**Arizona Gold __ Stone, Dimension**
34.584 -110.074, T14N R21E Sec. 25

**Buckskin Quarry __ Stone, Dimension**
34.838 -110.149, T17N R21E Sec. 30

**Chocolate __ Stone, Dimension**
34.653 -110.373, T15N R19E Sec. 31

**Shiraz __ Stone, Dimension**
34.370 -110.835, T11N R14E Sec. 3

**Sierra Quarry __ Stone, Dimension**
34.423 -110.243, T12N R 20E Sec. 20

**Willcox Rock & Sand Inc.**

1540 E. Maley St., Box 156, Willcox, AZ 85644
520-384-2181

Sand, gravel, rock products, ABC, and ready mix concrete.

Employees: 12

Owner..........................................................Keith Robert

Owner......................................................William Gallagher

**Riggs Pit __ Crushed Stone**
32.182 -109.653, T14S R26E Sec. 36

From Willcox take Hwy. 186 south to East Rocky Road.

**Yavapai Apache Sand & Rock**

P O Box 249, Camp Verde, AZ 86322
928-567-3109

Supplies sand and gravel.

Employees: 30

Production Manager ......................................Matt Brogden

**Cloverleaf Ranch __ Sand and Gravel**
34.640 -111.933, T14N R4E Sec. 4

At Cloverleaf Ranch Road and SR 260.

**Zellers**

240 Wellington St., Yuma, AZ 85364
928-539-5165

Paving, sand and gravel.

Owner...............................................................Brice Zeller

Owner......................................................Rebecca Lynn Zeller

**Black Hills Pit __ Sand and Gravel**
32.711 -114.618, T8S R23W Sec. 28

Northeast corner of 10th St. and 1st Ave. in Yuma.

Employees: 10

**Zeox Mineral Materials Corp.**

P O Box 1905, Cortaro, AZ 85652
520-744-6667 Fax: 520-744-7770

Zeolite

President/CEO.................................Daniel T. Eyde

Manager Operations.................................Glenn Holley

**Grace Chabazite __ Zeolites**
32.423 -109.357, T12S R29E Sec. 2

Located 13 miles north of Bowie.

Open-pit zeolite mine includes Cholla pit - Chabazite used for cation exchange media, specialty adsorbents, deodorizers and RAD waste treatment for adsorbing Cs and Sr.

Employees: 8
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| Salt                | Luke Salt Morton Salt                           |

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35 Directory of Active Mines in Arizona - 2007
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Commodity Listing

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## Commodity Listing

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| Uranium                     |                                   |                   |
| Arizona 1                   | Denison Mines Corp.               |                   |
| Canyon                     | Denison Mines Corp.               |                   |
| Pinenut                    | Denison Mines Corp.               |                   |

| Zeolites                    |                                   |                   |
| Bowie Chabazite             | UOP                               |                   |
| Grace Chabazite             | Zeox Mineral Materials Corp.       |                   |
| Union Pass Mordenite        | UOP                               |                   |

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### Donations of Data Solicited

It is one of the Department's statutory duties to serve as a source of minerals information for Arizona. The library currently houses over 20,000 mine files, reference books, reports, maps, photographs, journals, and periodicals pertaining to mining, with special emphasis on Arizona’s minerals.

The Department relies on donations to maintain and increase the value and usefulness of its archives. The need to preserve the life-efforts of Arizona geologists and mining engineers is great. The Department is actively seeking maps, reports, drill logs, photographs, and other materials relating to Arizona’s mineral resources. Donations are tax deductible. In the event original documents, photos, or other materials cannot be donated, the Department would be pleased to make reproducible copies.
MINE LISTING AND MAP KEY

Locate mines on the accompanying map using Latitude and Longitude. The map contains 1 degree “ticks.”

* West longitude degrees is reported here as a negative value following GIS convention.

Visit www.mines.az.gov for a Google Earth KML file of these locations.

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<th>Map #</th>
<th>Mine Name</th>
<th>Company Name</th>
<th>County</th>
<th>Latitude</th>
<th>Longitude*</th>
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</table>
Arizona State Agencies
Arizona Geological Survey
416 West Congress, Tucson, AZ 85701
520-770-3500
www.azgs.az.gov

Arizona Mines and Mineral Resources
1502 West Washington, Phoenix, AZ 85007
602-771-1600 Fax: 602-771-1616
www.mines.az.gov

Land Department - Minerals Section
1616 West Adams, Phoenix, AZ 85007
602-542-4628
www.land.state.az.us

Mine Inspector
State Capital, West Wing, Room 403, Phoenix, AZ 85007
602-542-5971
www.asmi.state.az.us

Federal Agencies
Bureau of Land Management
Arizona State Office, 1 North Central, #800, Phoenix, AZ 85004-4427
602-417-9200
www.blm.gov/az/

Forest Service
Arizona Zone Office - Minerals, 2324 East McDowell Rd., Phoenix, AZ 85006
602-225-5262
www.fs.fed.us

Mine Safety and Health Administration (MSHA)
63 East Main #303, Mesa, AZ 85201
602-649-5452 Fax: 602-649-5662
www.msha.gov

U.S. Geological Survey
Minerals Information, 520 North Park Ave. Suite 355, Tucson, AZ 85719
520-670-5544
www.usgs.gov
For minerals information
http://minerals.er.usgs.gov/minerals

Industry Associations
Arizona Foundation for Resource Education
141 East Palm Lane, #100, Phoenix, AZ 85004-1554
602-266-4417 Fax: 602-266-4418
www.afre.org
Executive Director.............................. Larry McBiles
Education Programs Manager ............... Karen Schedler

Arizona Mining Association
5150 North 16 St. #B134, Phoenix, AZ 85016
602-266-4416 Fax: 602-230-8413
www.azcu.org
President........................................... Sydney Hay
Administrative Assistant...................... June Castelhano

AMIGOS (Arizona's Mining & Industry Get Our Support)
P.O. Box 25187, Phoenix, AZ 85002
602-279-3199  800-7AMIGOS  Fax: 602-230-8413
http://miningamigos.com
Executive Director.............................. Sydney Hay

Arizona Rock Products Association
916 West Adams, Phoenix, AZ 85007
602-271-0346 Fax: 602-255-0363
www.azrockproducts.org
President.......................................... Rusty Bowers

Society For Mining, Metallurgy, and Exploration, Inc. - National Headquarters
P. O. Box 625002, Littleton, CO 80162-5002
303-973-9550  800-763-3132 Fax: 303-973-3845
www.smenet.org
Executive Director............................ David Kanagy
Manager Member Services..................... Tara Davis
Editor - Mining Engineering.................. Steve Kral

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For more information or assistance contact the Department.