

OFFICE OF THE ARIZONA STATE MINE INSPECTOR

JOE HART



NINETY-NINTH
ANNUAL REPORT
for the
CALENDAR YEAR 2010

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ANNUAL MESSAGE FROM
JOE HART
ARIZONA STATE MINE INSPECTOR



The Mission of this agency is to ensure the health and safety of people working at mines, coordinate the closure of abandoned mines on state and private land posing a threat to public health and safety, and to ensure that lands used for mining are properly reclaimed for public use once mining is completed.

The State Mine Inspector is a statewide elected constitutional officer and the director of the Office of the State Mine Inspector. The Office of the State Mine Inspector was established by the Constitution of the State of Arizona, Article XIX. This agency enforces statutes, rules, and regulations applicable to mine safety, health, and land reclamation under ARS Title 27 Minerals, Oil and Gas and Arizona Administrative Code Title 11 - Mining.

The agency helps ensure miner safety by inspecting work conditions and practices at active mining operations; investigating mine accidents, employee and public complaints about mine safety; and by conducting federally certified miner and instructor safety training. To protect the public against the dangers of abandoned mines, the agency investigates and inventories abandoned mine sites, evaluates their threat to public health and safety, coordinates securing or closure of those that are found to be dangerous, and promotes public safety regarding abandoned mines by "Stay Out Stay Alive" promotions, presentations and publications; complaint investigations and mine owner ARS 27-318 compliance notifications. Finally, the agency administers reclamation plans and assurances by enforcing the Mined Land Reclamation laws, rules and regulations for the restoration of disturbed lands to a safe and stable environmental condition.

Program Summary

- The Arizona State Mine Inspector's (ASMI) Mine Safety Enforcement Program performed a total of 724 Health & Safety inspections of Mines and Contractors during 2010; 641 of the mining operations and 83 of the contractors were inspected which resulted in a 97% inspection rate for the mines and a 39% inspection rate for the contractors on the mine sites. The Arizona Revised Statutes 27-124 requires all active mines be inspected annually. The agencies goal is to have Zero Fatalities and Zero Accidents at Arizona Mines. In 2010, two fatal accidents to miners; one at Asarco Ray Mine and a construction worker was fatally injured while working on a project for Freeport McMoRan Copper, was reported and investigated by the Arizona State Mine Inspector. Arizona NFDL (non fatal days lost time) rate was 1.9 per 200,000 hours of work and the National NFDL rate was 1.9 per 200,000 hours of work. The Inspections department issued 678 notices of violations; no cessation orders were required during 2010. ASMI Inspector's investigated 12 employee and citizen complaints, issued 26 mine elevator operating permits and 46 underground diesel equipment operating permits. Mine operations under ASMI's jurisdiction include asphalt hot plants and concrete batch plants on mine properties, aggregate and decorative rock operations, quarries and processing plants; underground and open pit mines, mills, solvent extraction-electro winning plants, smelters, refineries, and rod plants. ASMI also inspects contractor's working at mine sites.
- The Education and Training Program certifies MSHA instructors, develops lesson plans, conducts classes, and organizes safety conferences for mine safety education and training. The emphasis is placed on miner's rights and current health and safety regulations in compliance with the Federal Mine Safety and Health Act of 1977, Title 30 CFR, Part 46, 47, 48, 49, 56, 57, 58 and 62.

In addition, mine company employees, contractors, vendors and others who are regularly exposed to mine hazards at mine properties are required to have various levels of training provided by the Education and Training division. During 2010, 4565 certificates were issued to mine workers and contractors for completion of safety courses. ASMI Mine instructors received ratings of 4.5 plus on a five point scale for the quality and content of the training program provided.

- The Abandoned Mines Safety Program efforts fall into two categories; the inventory of abandoned mine sites and the administration of the securing, remediation, and closure of abandoned mines. Field surveys locate mines within the 72,931,840 acres that comprise the State of Arizona. This survey records the exact location of abandoned mines using a global positioning satellite system. The inventory's objective is to produce an accurate count of abandoned mines, and describe the significant safety hazards and potential environmental hazards occurring with them. About 10,000 abandoned mines have been inventoried since the program was initiated in the early 1990's and over 3,725 of these have been evaluated and assessed for the risks they may pose. The database of surveyed abandoned mines is used to provide for the prioritization of significant public and environmental

hazards for remediation and reclamation planning. The inventory also allows the agency to accurately investigate public concerns and complaints, about abandoned mines in a timely manner. An abandoned mine might be a risk to public health and safety, but also may be used for criminal activities. The program assists law enforcement investigations of any known or suspected criminal activity. The administration of securing abandoned mines first prioritizes sites listed in the inventory based on the severity of the threat posed to public and environmental safety. Through this prioritization, structures are designed as necessary for abandoned mine closures on state lands. The cost of field construction work to secure these mines is provided the Abandoned Mine Safety Fund through mining industry donations, private citizen donations, and a matching appropriation from the legislature. The program performs regular monitoring to assure mine closures remain in good condition. The program coordinates identifying and securing abandoned mines with local, state, and federal agencies as well as other states and volunteer groups. Groups include the Yuma County Sheriff's Search and Rescue Group, the Maricopa County Sheriff's Office Mountain Search and Rescue Group, Arizona Department of Mines and Mineral Resources, Maricopa County Parks, Arizona State Land Department, Arizona Game and Fish, Arizona State Historic Preservation Office, Arizona Department of Environmental Quality, Department of Labor Mine Safety and Health Administration, Bureau of Land Management, Forest Service, Environmental Protection Agency, Western Governors Association, and the National Association of Abandoned Mined Land Programs, which is comprised of 27 states and three Indian Tribes.

- The Mined Land Reclamation Program approves or rejects mine reclamation plans and financial assurance mechanisms submitted by all metalliferous mining units, aggregate mine operations, and exploration operations with surface disturbances greater than five acres. Before January 2007, aggregate mining operators were required to submit reclamation plans for the first time, increasing the workload in this area by over 250 plans. Annual report submittals and reviews along with on-site inspections of the regulated mines are a part of the continual monitoring process to establish compliance to the Mined Land Reclamation laws, rules and regulations. These inspections will be coordinated with health and safety inspections to ensure an efficient and effective inspection program, working in cooperation with mining companies, consultants, and other state and federal governmental agencies,

Our team of experienced mine safety professionals strive to continually improve programs and services of the Agency so Arizona will be not only a leader in mining production, but in SAFE PRODUCTION as well.

MINE SAFETY ENFORCEMENT

During the calendar year of 2010, the inspection team performed 724 health and safety inspections, which identified 678 violations of the mining code for corrective actions by the mine operators. No Cessation Orders were issued to mine operators in 2010.

Types of Operations	No. of Inspections	No. of Violations	Average No. of Employees	No. of Mines (Operating Units)
Surface Metal Mines, Mills, SX-EW Plants, Smelters, and Refineries	114	238	7556	65
Rock Products, Sand & Gravel, Pits, Quarries, Batch and Hot Plants	507	388	2264	583
Underground Mines	20	26	170	11
Contractors	83	26	1441	212
TOTALS	724	678	11,431	871

In addition to mine safety and health inspections, ASMI investigated complaints related to safety and health issues in mines and performed inspections of underground diesel equipment, elevators, and new electrical equipment installed in mines where permits are required.

- Annual Elevator Inspections with Permits Issued 26
- Underground Diesel Equipment with Permits Issued 46
- Citizen Complaints Investigated 9
- Employee Complaints Investigated 3
- Interagency Complaints from referrals 1
- Electrical Equipment Installations 8
- Inspection Visits 19
- Cessation Orders Issued 0

Combined efforts of mine operators with the agency's mine safety enforcement, education, and training programs provide significant tools to reduce and control the accident frequency for Arizona's mining industry. Incident rates from U.S. Department of Labor reports for NFDL (non fatal days lost time) accidents for metal, non metal, sand and gravel mines, and mills are shown in the table below. Incident rate is the number of NFDL accidents per 200,000 employee-hours worked.

LTIR / NFDL	2006	2007	2008	2009	2010
National Accident Incidence Rate	2.5	2.4	2.3	2.0	1.9
Arizona Accident Incidence Rate	2.8	3.0	3.0	2.2	1.9

LOST TIME ACCIDENTS IN 2010

Type	Company	Mine	No. LT Accidents
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Overexertion

Asarco, Inc.	Hayden Concentrator	2
Asarco, Inc.	Hayden Smelter	3
Asarco, Inc	Ray	2
Asarco, Inc	Mission	4
Clarkdale Metals	Clarkdale	1
Freeport McMoran	Morenci	6
Harley Gray Stone	Various Quarries	1
Southwest Energy	Contractor	1

Struck By or Against

Asarco, Inc	Ray	3
Asarco, Inc	Mission	4
Asarco, Inc	Hayden Concentrator	1
Fletchers Tire	Contractor	1
Freeport McMoran	Bagdad	1
Mercator Mineral	Mineral Park	1
Quadra FNX Mining	Carlota	1

Contact With or By

Asarco, Inc.	Hayden Concentrator	1
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Asarco, Inc.	Hayden Smelter	4	Asarco,
Inc	Ray	3	
CalPortland APC	Rillito	1	
Clarkdale Metals	Clarkdale	1	
Drake Stone	Canyon Quarries	2	
Fann Contracting	Contractor	1	
Freeport McMoran	Miami	1	Freeport
McMoran	Morenci	1	
Mercator Mineral	Mineral Park	2	

Caught On or In or Between

Asarco, Inc.	Hayden Smelter	4
Asarco, Inc.	Ray	3
Freeport McMoran	Miami Smelter	1
Freeport McMoran	Morenci	4
Harley Gray Stone	Appletree Quarries	1
Mercator Mineral	Mineral Park	2

Fall from the Same Level or Below

Asarco, Inc.	Hayden Smelter	3
Asarco, Inc.	Ray	2
Asarco, Inc.	Mission	1
Freeport McMoran	Morenci	4

Exposure or Occupational Illness

Asarco, Inc.	Hayden Concentrator	2
Asarco, Inc.	Hayden Smelter	2
Asarco, Inc.	Ray	3
Asarco, Inc.	Mission	4
Clarkdale Metals	Clarkdale	1
Freeport McMoran	Morenci	5
Harley Gray Stone	Appletree Quarries	2
Southwest Energy	Contractor	1
Fann Contracting	Contractor	1

Fatal and Serious Accidents

In 2010, two fatal accidents to a miner at active mines were reported and investigated by the Arizona State Mine Inspector's Office.

On January 09, 2010 at approximately 9:17 a.m. Mr. Estevan Benavidez, a 20 year old single male from Miami-Globe area, was fatally injured while employed by Ames Construction Inc. a contractor working on a project for Freeport McMoran. Mr. Benavidez

was a laborer on the pipe crew with 21 weeks, one day of experience. The fatal accident occurred at the Miami construction project at the 27 PLS pond when Mr. Benavidez and four other employees using two track hoes were installing 380 feet of 24 inch HDPE driscoll pipe when the pipe struck Mr. Benavidez pinning him to the ground. First-Aid and Advance Life Support were administered on site. Mr. Benavidez was transported to the Miami Cobre Valley hospital and transported by helicopter to Maricopa County General hospital. Mr. Benavidez had surgery and passed away at approximately 1:30 p.m.

On June 20, 201 at approximately 10:00 am. Mr. Thomas Edward Benavidez, a 52 year old married male who resides in Florence, Arizona was fatally injured while employed at the Asarco Ray Open Pit Mine. Mr. Benavidez was a Diesel Mechanic at the Ray Mine site located approximately eight miles north of Kearny on Hwy 177. Mr. Benavidez had 31 years of mining experience and had been an Asarco employee for 4 years and 8 months. Mr. William Hyde a Diesel Mechanic at Asarco Ray was also involved in this accident and was air transported to Tucson University Medical Center. Mr. Hyde's is 40 years of age, married with a family. Mr. Hyde has 4 years, 4 months with Asarco. Mr. Benavidez and Mr. Hyde pulled up in a pick up truck in front of haul truck # 459, a 240 ton Dresser Haul Pak, at the South Dike Road ready line. The haul truck left the ready line, running over the pick up truck with Mr. Benavidez and Mr. Hyde inside. Mr. Hyde was transported to a hospital and Mr. Benavidez was pronounced dead on the scene.

2010 Operating Mines by County and Statewide

The following pages contain operating mines, plants, smelters and contractors considered active in 2010. These figures represent some 871 operating units with over 11,431 workers.

Registered Mining Companies by County and Type

Apache	Company	Mine / Plant Name	Type	Product
	Arizona Silica Sand Co.	Houck Operations	Open Pit Mine	Sand, Industrial
	White Mountain Rock Products	Barth Pit	Aggregate Plant	Aggregates
	White Mountain Rock Products	Richville Pit	Aggregate Plant	Aggregates
	Town of Eager	Eager Cinder Pit	Cinders	Cinders
	Apache County Engineering	Concho Gravel Pit	Aggregate Plant	Aggregates
	Apache County Engineering	Stanford Pit	Cinders	Cinders
Cochise	Company	Mine / Plant Name	Type	Product
	Apache County Engineering	Davis Pit	Open Pit Mine	Aggregates
	Hall n Aggregate Trucking & Materials	Hall Pit	Aggregate Plant	Sand & Gravel
	Highland Trucking & Excavation	Highland Pit	Aggregate Plant	Aggregates
	C & C Cinders	C & C Cinders	Cinders	Cinders
	Sug Rogers Construction LLC	Dump Pit # 2	Surface	Aggregates

American Rock Products LLC DBA JC Rock\ Formerly JC Rock, LLC Cemex USA	Johnson CAMP MINE	Open Pit Mine	Rip/Rap
Cemex USA	Plant 229 Sierra Vista	Batch Plant	Concrete
Chemical Lime Company City of Bisbee	Plant 229 Sierra Vista	Aggregate Plant	Aggregates
Combs Materials, LLC/ Oldcastle Architectural Products dba Young Block Coproco LLC.	Douglas Plant Copper Queen Mine Tour	Quarry Mine Tour	Lime
Cross Spear Marble, Inc. Empire Homes, Inc. Freeport McMoran Copper & Gold Bisbee Golder Fame (USA) Inc.	SierraVista Sand Pit	Aggregate Plant	Aggregates
Granite Construction Company	Copreco LLC.	Bio Sulfide Plant	Copper
Granite Construction Company	Cross Spear Pit Maya Pit Copper Queen	Quarry Surface Reclamation	Marble Sand & Gravel Copper
Huachuca Concrete, Inc dba AzConAgg Huachuca Concrete, Inc. dba AzConAgg Huachuca Concrete, Inc. dba AzConAgg Huachuca Concrete, Inc. dba AzConAgg Klump Ranches LLC / Formerly St. Cloud Mining Co. Maddux & Sons, Inc.	Gold Ridge (Gold Prince) Babocomari Pit	Exploration	Gold
Maddux & Sons, Inc.	Babocamari Asphalt Plant	Aggregate Plant	Sand & Gravel
Maddux & Sons, Inc.	Ocotillo Batch Plant	Asphalt Plant	Asphalt
Maddux & Sons, Inc.	Ocotillo Pit	Batch Plant	Concrete
Maddux & Sons, Inc.	Kino Pit	Aggregate Plant	Aggregates
Maddux & Sons, Inc.	Kino Batch Plant	Aggregate Plant	Sand & Gravel
Maddux & Sons, Inc.	Luzena Quarry	Batch Plant	Concrete
Maddux & Sons, Inc.	Leslie Canyon Plant	Aggregate Plant	Aggregates
Maddux & Sons, Inc.	Snure Pit	Aggregate Plant	Aggregates
Maddux & Sons, Inc.	Leslie Canyon Batch Plant	Aggregate Plant	Aggregates
Maddux & Sons, Inc.	Bingham Pit	Aggregate Plant	Aggregates
Nord Resources Corp.	Johnson Camp Mine	SX-EW Plant	Copper
Prospectors 3 LLC Sierra Materials LLC. aka Vista Materials Strong Hold Redi-Mix Strong Hold Redi-Mix Texas Canyon Rock & Sand	Prospector 3 Sierra / Vista Pit	Surface Aggregate Plant	Gold & Silver
Tombstone Materials Inc.	Grim Grim Texas Canyon Rock & Sand Emerald Pit	Wash Plant Batch Plant Aggregate Plant	Sand & Gravel Concrete Aggregates
UOP Molecular Sieve	Bowie Operation	Aggregate Plant Open Pit	Aggregates Chabazite Clay

Coconino	Company	Mine / Plant Name	Type	Product
	Willcox Rock & Sand	Riggs Pit	Mine Aggregate Plant	Sand & Gravel
	Willcox Rock & Sand	Riggs Pit	Batch Plant	Concrete
	A-Rock	Grey Mountain Pit	Aggregate Plant	Sand & Gravel
	Alberto Ayala Company	Ayala Blue Bird	Quarry	Flagstone
	Allen Grantham	Grantham Pit	Cinders	Cinders
	Arizona Tufflite, Inc.	White Vulcan & More Sand Mines	Open Pit Mine	Pumice
	Ayala Company	John Brown	Quarry	Flagstone
	Blaser Corp. dba American Sandstone aka Cornerstone Materials LLC	Golden Buckskin-Drake		Sandstone
	Canipe Trucking	Blue Bird	Surface	Flagstone
	Cemex FKA-(Rinker Materials)	Sheep Hill	Open Pit Mine	Cinders
	Cemex USA	Plant # 337 / Gray Mountain	Aggregate Plant	Aggregates
	Cemex USA	UM Plant # 336 Sunset Crater-McCormick	Aggregate Plant	Sand & Gravel
	Coconino Cinders Sales	Sheep Hill	Open Pit Mine	Cinders
	Coconino County Public Works	Mills Quarry	Open Pit Mine	Cinders
	Cornerstone Materials LLC	Diamond 7 Red	Quarry	
	Drake Stone	Diamond 7 Oak	Quarry	Flagstone
	Drake Stone	Roeder Quarry / Redbird Quarry / Billy 1&2	Quarry	Flagstone
	Dunbar Stone	Armstrong Rose	Quarry	Flagstone
	Dunbar Stone	Yellow Buck Quarry-Ash Fork	Quarry	Flagstone
	Dunbar Stone	Antolini Red Quarry-Ash Fork	Quarry	Flagstone
	Dunbar Stone	Blue Moon/Mattahorn	Quarry	Flagstone
	Dunbar Stone	Corva Canyon		Flagstone
	Dunbar Stone	Straight Arrow	Sandstone	Flagstone
	Dunbar Stone	Yellow Wasp	Sandstone	Flagstone
	Espee Cinder Pit	Perrin Pit	Quarry	Cinders
	Flagstaff Concrete Products, LLC.	Fisher Pit 1A & A1	Open Pit Mine	Sand & Gravel
	Hammond Wholesale	Fitzgerald Quarry-Ash Fork	Quarry	Flagstone
	Hammond Wholesale Flagstone	Hammond Oak / Buff	Quarry	Flagstone
	Hammond Wholesale Flagstone	Hammond Stone Mountain Quarry	Quarry	Flagstone
	Harley Gray Stone	Appletree Quarries-Drake	Quarry	Flagstone

Harley Gray Stone	Oak Quarry	Quarry	Flagstone
Howard Gray Stone	Rosa Quarry-Drake	Quarry	Flagstone
Howard Gray Stone	Million \$ Buff formerly Peach Quarry	Quarry	Flagstone
Levin Stone Co., Inc.	Buckskin II	Quarry	Flagstone
Levin Stone Company, Inc.	Ferno Quarry	Quarry	Flagstone
Levin Stone Company, Inc.	John Brown Quarry	Quarry	Flagstone
Levin Stone Company, Inc.	Paradise	Quarry	Flagstone
Levin Stone Company, Inc.	Quarry Tank	Quarry	Flagstone
Levin Stone Company, Inc.	Hillside Red	Quarry	Flagstone
Levin Stone Company, Inc.	Ash Fork Draw	Quarry	Flagstone
Levin Stone Company, Inc.	Oaky	Quarry	Flagstone
Levin Stone Inc.	Stone Mountain	Quarry	Flagstone
LP's Excavating formerly Olson Brothers / Williams Cinders Miller Mining	LP's Cinders Miller Pit	Quarry Open Pit Mine	Cinders Cinders
Northern Arizona Materials (formerly Az. Pacific Materials) Pryor Clinger Properties, LLC (Flagstaff Concrete Products, LLC) Q-Max Co.	Brothers Mine Kincanon One Pit Red Lake Quarry	Open Pit Mine Open Pit Mine Aggregate Plant	Cinders Sand & Gravel Sand & Gravel
Recyclable Resources Inc. Red Pit Inc. Formerly known as Flagstaff Landscape Products Schuck Development	Monterola Quarry Red Pit Ruin Pit	Surface Open Pit Mine Aggregate Plant	Aggregates Cinders Sand & Gravel
Star Stone Quarries aka American Stone Stoneworld	Crookton / Stone Mountain Classic Oak Quarry-Ash Fork	Quarry Quarry	Flagstone Flagstone
Stoneworld Stoneworld	Lizard Group JR Rosa Quarry- Ash Fork	Quarry Quarry	Flagstone Flagstone
Superlite Block	Darling/Winona	Open Pit Mine	Cinders

Gila	Company	Mine / Plant Name	Type	Product
	ASARCO, Inc	ASARCO Mine Hayden	Surface	Sand & Gravel
	ASARCO, Inc.	Hayden Concentrator	Mill	Copper
	ASARCO, Inc.	Hayden Smelter	Smelter	Copper
	BHP Copper, Inc.	Pinto Valley / Miami Operations	SX-EW Plant	Copper
	Cemex	Globe Plant 601	Aggregate Plant	Aggregates
	Cemex	Globe Plant # 601 / Nugget Pit	Aggregate Plant	Sand & Gravel
	Cemex	Globe Batch Plant 601	Batch Plant	Concrete
	Cemex	Globe Hot Plant 601	Hot Plant	Asphalt

Freeport McMoran Copper & Gold Miami	Rod Plant	Rod Plant	Copper
Freeport McMoran Copper & Gold Miami	Smelter	Smelter	Copper
Freeport McMoran Miami, Inc.	Mine, SX/Tankhouse/Administration	SX-EW Plant	Copper
Gila Redi-Mix,	Slate Creek Plant	Aggregate Plant	Granite/Decorative Stone
Goat Creek Mining	Goat Creek Star Valley	Aggregate Plant	Granite/Decorative Stone
Hunt Materials	Hunt Pit	Aggregate Plant	Aggregates
Hunt Materials	Young Batch Plant	Batch Plant	Concrete
Payson Concrete & Materials	Red Select Quarry aka Pine Quarry	Aggregate Plant	Aggregates
Payson Concrete & Materials	Payson Plant	Aggregate Plant	Aggregates
Payson Concrete & Materials	Tonto Basin Pit	Aggregate Plant	Aggregates
Payson Concrete & Materials	Tonto Basin Batch Plant	Batch Plant	Concrete
Payson Concrete & Materials	Payson Batch Plant	Batch Plant	Concrete
Payson Concrete & Materials	Payson Hot Plant	Hot Plant	Asphalt
Quadra FNX Mining LTD. formerly Carlota Copper Company. R & H Boulders	Carlota Copper Company R & H Mine	Surface	Copper
Star Valley Granite	Star Valley Granite	Screening Plant	Granite/Decorative Stone
Yellow Hair Trading & Mining	Sleeping Beauty on the BHP Copper Cities Operation	Aggregate Plant	Granite/Decorative Stone
		Open Pit Mine	Gemstones
Graham	Company	Mine / Plant Name	Type
	CKC Construction	Airport Pit	Aggregate Plant
	CKC Construction	Airport Batch Plant	Batch Plant
	Tri County Materials	Morris Pit # 1	Aggregate Plant
	Tri County Materials	Morris Pit #1 Safford	Hot Plant
	Tri County Materials	Safford Batch Plant	Batch Plant
	Smith & Bell Construction	Graham Pit	Aggregate Plant
	CKC Construction	Airport Hot Plant	Hot Plant
	Smith & Bell Construction	Graham Batch Plant	Batch Plant
	J. T. S.Construction, Inc.	Daley Pit	Aggregate Plant
	Korwin Inc.	ONE TRACK	Open Pit Mine
	Roadrunner Ready Mix, Inc.		Concrete & Gravel

	Freeport McMoran Copper & Gold Safford	FMI Safford Operations	Surface	Copper
	Matthewsville Sand & Gravel	Rowley Lone	Aggregate Plant	Aggregates
Greenlee	Company	Mine / Plant Name	Type	Product
	Freeport McMoran Copper & Gold Morenci	Morenci Hydro-Met SXEW	Open Pit Mine	Copper
	Freeport McMoran Copper & Gold Morenci	Morenci Mine	Open Pit Mine	Copper
	Oakcreek Sand & Gravel	Old Virden Highway Pit	Aggregate Plant	Aggregates
	Greenlee County	Virden Pit	Aggregate Plant	Sand & Gravel
La Paz	Company	Mine / Plant Name	Type	Product
	American Bonanza Gold Corp	Copperstone Mine	Underground Mine	Gold
	Dobbins & Dobbins	Dobbins	Open Pit Mine	Aggregates
	Double J Sand and Rock, L L C	Double J	Aggregate Plant	Aggregates
	Double J Sand and Rock, L L C	Double J Batch Plant	Batch Plant	Concrete
	Golconda Mine, LLC	Golconda Mine	Underground Mine	Gold
	La Paz County Public Works	Vicksburg Pit - ADEQ 100981	Aggregate Plant	Aggregates
	La Paz County Public Works	Cibola Pit	Aggregate Plant	Aggregates
	Mineral Aggregate Recycling Service	Ehrenberg Wash Pit	Aggregate Plant	Aggregates
	Murphy Landscaping dba Rio Del Monte Mine	Rio Del Monte Mine	Aggregate Plant	Decorative Stone
	Pioneer Landscaping Materials, Inc.dba Pioneer Sand Co.	Quartzsite Pit	Aggregate Plant	Decorative Stone
	Plomosa Placers LLC	Gold Rock	Placer	Gold
	Q Mountain Rock & Sand	Q-Mountain	Aggregate Plant	Sand & Gravel
	Sunset Marble Company, LLC.	Copper Chief Mine	Aggregate Plant	Decorative Stone
Maricopa	Company	Mine / Plant Name	Type	Product
	ABC Sand & Rock	Camelback Road Pit	Aggregate Plant	Sand & Gravel
	ABC Sand & Rock Co., Inc.	ABC Plant #2	Surface	Sand & Gravel
	American Materials Group LLC	Glendale Plant	Batch Plant	Concrete
	American Sand & Rock	Cat Claw Mine	Aggregate Plant	Decorative Stone
	Arizona Materials LLC.	Plant # 7 Glendale	Cement Plant	Concrete
	Arizona Materials LLC.	Plant #5 Val Vista	Batch Plant	Concrete
	Arizona Materials LLC. formerly Rockland Materials	Plant #6 Hatfield	Batch Plant	Concrete
	Arizona Materials, LLC.	Batch plant # 1 - 43rd Ave. & Lower Buckeye	Batch Plant	Concrete
	Arizona Materials, LLC.	Plant # 1 - 43rd	Aggregate	Aggregates

	Ave. & Lower Buckeye	Plant	
Arizona Metro Mix	Plant 2- Glendale	Batch Plant	Concrete
Arizona Natural Gold Excavation and Reclamation Inc.	Apache Gold Boulder Mine	Quarry	Aggregates
Aztec Mining	Anchor Bay Pit	Aggregate Plant	Aggregates
Bob Bassett			Gold
Calportland Company	Tolleson Batch Plant	Batch Plant	Concrete
Calportland Company formerly Imix	Deer Valley Batch Plant	Batch Plant	Concrete
CalPortland Company formerly Imix formerly Arizona Portland Cement Company	Bullard Mine	Aggregate Plant	Sand & Gravel
CalPortland Company formerly Imix formerly Arizona Portland Cement Company	Bullard Batch Plant	Batch Plant	Concrete
Cemex	Plant 111 / 19th Ave. Batch Plant	Batch Plant	Concrete
Cemex	Plant 111 / 19th Ave Pit	Aggregate Plant	Aggregates
Cemex	West Valley Plant #1371	Aggregate Plant	Sand & Gravel
Cemex	Bard Ranch Batch Plant #4107	Batch Plant	Concrete
Cemex	El Mirage Plant	Batch Plant	Concrete
Cemex	59th Avenue	Aggregate Plant	Sand & Gravel
Cemex	107th ave/Plant 146	Aggregate Plant	
Cemex	El Mirage Plant	Aggregate Plant	Aggregates
Cemex	107th Ave. Asphalt Plant	Hot Plant	Asphalt
Cemex	Bard Ranch	Aggregate Plant	Sand & Gravel
Cemex	Table Mesa Plant	Decorative Stone	
Cemex	Bard Ranch Batch Plant #1995	Batch Plant	Concrete
Cemex Construction Materials	Sun City Batch Plant	Batch Plant	Concrete
CEMEX (Rinker Materials)	Plant 110 Batch Plant	Batch Plant	Concrete
Cemex Construction Materials	Sun City Plant, #4118	Aggregate Plant	Sand & Gravel
Cemex Construction Materials	Glendale Pit #112	Aggregate Plant	Sand & Gravel
Cemex Construction Materials	Glendale Batch Plant #112	Batch Plant	Concrete
Cemex Construction Materials	Glendale Asphalt Plant #112	Batch Plant	Asphalt
Cemex Construction Materials L.P.	Buckeye Batch Plant # 127	Batch Plant	Concrete

Cemex USA	West Plant # 40311	Aggregate Plant	Sand & Gravel
Cemex USA	Jomax Plant	Aggregate Plant	Aggregates
Cemex USA	West Plant # 4108	Batch Plant	Concrete
Cemex USA	Batch Plant		
Cemex USA	Lehi Plant # 76	Aggregate Plant	Sand & Gravel
Cemex USA	Mesa Plant #61/	Batch Plant	Concrete
Cemex USA	Batch plants A & B		
Cemex USA	EI Mirage	Aggregate Plant	Aggregates
Cemex USA	Mesa Plant #71	Aggregate Plant	Aggregates
Circle H Sand and Rock	EI Mirage	Aggregate Plant	Sand & Gravel
Custom Landscape Materials LLC	Bighorn Pit	Aggregate Plant	Decorative Stone
Custom Landscape Materials LLC	Belmont Pit	Aggregate Plant	Decorative Stone
Damavand Trading LLC dba Rio Grande Materials West (FORMERLY T. R. P. LLC AKA Raven Rock)	Rio Grande Material West	Aggregate Plant	Sand & Gravel
Damavand Trading LLC. dba Rio Grande Material Formerly Ajax Sand & Rock	51st Avenue	Aggregate Plant	Aggregates
Dean Wade Custom Builders LLC dba Dean Wade Excavation	Ceton	Aggregate Plant	
Fisher Sand & Gravel Co.	28th Street Plant	Aggregate Plant	Aggregates
Fisher Sand & Gravel, Inc	15th Ave Pit	Surface	Sand & Gravel
Fort McDowell Yavapai Materials	FMYM Plant #70	Batch Plant	Concrete
Fort McDowell Yavapai Materials	FMYM Plant #50	Batch Plant	Concrete
Granite Express	Berkley Pit/Pit #2	Aggregate Plant	Decorative Stone
Hanson Aggregates	51 st Ave Pit / Plant #35	Aggregate Plant	Aggregates
Hanson Aggregates	Agua Fria Plant / River Ranch, #40	Aggregate Plant	Sand & Gravel
Hanson Aggregates	Plant # 46	Aggregate Plant	Aggregates
Hanson Aggregates	Hasayampa		
Hanson Aggregates	51 st Ave Pit / Batch Plant #35	Batch Plant	Concrete
Hanson Aggregates	Agua Fria Plant / River Ranch, #40	Batch Plant	Concrete
Hanson Aggregates	51 st Ave Pit / Hot Plant #35	Hot Plant	Asphalt
Hanson Aggregates of Arizona	San Domingo Pit / Wickenburg	Aggregate Plant	Aggregates
Hanson Aggregates of Arizona	San Domingo Batch Plant / Wickenburg	Batch Plant	Concrete
Hanson Aggregates	Sun City Batch Plant #33	Batch Plant	

iMix Group LLC Jakes Granite Supplies, LLC.	Sun Valley New River	Batch Plant Decorative Stone	
Kilauea Crushers	Plant 2 / Jomax Plant	Aggregate Plant	Decorative Stone
Kilauea Crushers Inc.	Estrella North & South	Aggregate Plant	Aggregates
Kilauea Crushers, INC.	Picacho Mine	Aggregate Plant	Granite/Decorative Stone
Kilauea Crushers, Inc.	Buckeye Hills	Surface	
Lafarge N. America formally Sun State Rock & Materials	Sun City	Surface	Sand & Gravel
Lafarge N. America formally Sun State Rock & Materials	Cave Creek	Surface	Aggregates
Lafarge North America, Inc.	Jack Rabbit	Surface	Sand & Gravel
Lafarge North America, Inc.	Jack Rabbit	Surface	Asphalt
M.R. Tanner Mining, Inc.	West Side Pit Mine	Crush & Screen	Aggregates
Madison Granite Supply	Madison Granite Pit	Aggregate Plant	Granite/Decorative Stone
Maricopa Ready Mix	Sun City Plant # 1	Batch Plant	Concrete
Maricopa Readymix Concrete Company	Litchfield Plant - Plant # 3	Batch Plant	Concrete
Mesa Materials, Inc.	Mesa Plant	Aggregate Plant	Aggregates
Mesa Materials, Inc.	Sun Plant # 2	Aggregate Plant	Aggregates
Mesa Materials, Inc.	Mesa Plant	Hot Plant	Asphalt
Mesa Materials, Inc.	Sun Materials Plant # 2	Hot Plant	Asphalt
Minex LLC Formally Azco Mining	Aguila Plant		
Mission Materials Company	Sun City Asphalt Plant 05	Hot Plant	Asphaltic Concrete
Mission Materials Company fka FNF Construction	Gillespie #02	Aggregate Plant	Sand & Gravel
Mission Materials Company fka FNF Construction	Gillespie Hot Plant	Hot Plant	Asphalt
Mission Materials, a Kiewit Company	Sun City Plant # 01	Aggregate Plant	Sand & Gravel
Morton Salt, A Rohm & Haas Company	Glendale	In-Situ	Salt
Paloma Ready Mix and Materials LLC.	Old 80 Main Plant	Surface	Sand & Gravel
Phoenix Brick Yard	Tolleson Clay Pit	Open Pit Mine	Clay
Phoenix San Man	Litchfield / Goodyear Plant # 13	Aggregate Plant	Aggregates
Phoenix San Man	Sun City Plant # 12 & 15	Aggregate Plant	Aggregates
Phoenix San Man	Phoenix San Man Plant # 10	Aggregate Plant	
Phoenix San Man fka Buckeye Sand & Gravel	Buckeye Plant #24	Aggregate Plant	Sand & Gravel
Pioneer Landscaping Materials, Inc	ABC Pit	Aggregate	Sand & Gravel

dba Pioneer Sand Company		Plant	
Pioneer Sand Company	Pioneer Hasayampa	Aggregate Plant	Sand & Gravel
Pioneer Sand Company	Navajo Pit / Castle Hot Springs	Aggregate Plant	Decorative Stone
Red Mountain Mining	Red Mountain Quarry	Aggregate Plant	Decorative Stone
Rinker Materials	Plant 112	Aggregate Plant	Aggregates
Rinker Materials	Plant 112 Batch Plant	Batch Plant	Concrete
Rinker Materials	Plant 112 Hot Plant	Hot Plant	Asphalt
Rinker Materials	Plant 111 / 19th Ave. Hot Plant	Hot Plant	Asphalt
Rinker Materials	Buckeye Plant	Aggregate Plant	
Rinker Materials Western Inc. (CEMEX)	Hassayampa	Aggregate Plant	Sand & Gravel
Rinker Materials, Inc.	UM Plant 108 / 115th & Beardsley	Batch Plant	Concrete
Rinker Materials, Inc.	Avondale Batch Plant # 104	Batch Plant	Concrete
RMI Ready Mix	Sun City Plant	Batch Plant	Concrete
RMI Ready Mix, Inc Mix, Inc	Buckeye #76	Batch Plant	Concrete
Rock Biter Crushing, LLC	Various Locatins	Aggregate Plant	
Rock Production Technologies LLC	Rock Production Technologies LLC.	Surface	Silica Smelter Flux
Rock Solid, Inc	Peoria Plant	Batch Plant	Concrete
Rowley Mine	Graham	Underground Mine	Wulfenite Crystals
Salt River Material Group	Buckeye Plant	Aggregate Plant	Sand & Gravel
Salt River Materials Group	67th Ave Plant	Aggregate Plant	Sand & Gravel
Salt River Materials Group /dba Salt River Sand & rock	Olive Ave	Aggregate Plant	Sand & Gravel
South West Sand & Gravel, Inc.	South West Sand & Gravel Pit	Aggregate Plant	Aggregates
Southland Well Drilling	Desert Crystal	Screening Plant	Aggregates
Sun Land Materials LLC.	Laveen	Aggregate Plant	Sand & Gravel
Superstition Crushing		Aggregate Plant	Aggregates
Superstition Mountain Stone, Inc.	Superstition Mountain Granite Pit	Aggregate Plant	Granite/Decorative Stone
Trio Aggregate Haulers LLC.	Western Aggregates	Surface	Aggregates
United Metro Materials Inc DBA Rinker Materials	Arlington	Aggregate Plant	
Vulcan Materials	Plant 24-- Litchfield	Aggregate Plant	Aggregates
Vulcan Materials	Val Vista- Citrus	Aggregate	Aggregates

	Vulcan Materials	Grove Peoria	Plant Aggregate Plant	Aggregates
	Vulcan Materials	Avondale Plant	Aggregate Plant	Aggregates
	Vulcan Materials	Avondale Hot Plant	Hot Plant	Asphalt
	Vulcan Materials	Peoria	Hot Plant	Asphalt
	Vulcan Materials	Plant 24-- Litchfield Batch Plant	Batch Plant	Concrete
	Vulcan Materials	University Plant	Aggregate Plant	
	Vulcan Materials	Plant 24-- Litchfield Aggregate	Aggregate Plant	Sand & Gravel
	Vulcan Materials	West Plant	Aggregate Plant	Sand & Gravel
	Vulcan Materials	West Plant / Batch	Batch Plant	Concrete
	Vulcan Materials	West Plant / Hot Plant	Hot Plant	Asphalt
	Vulcan Materials, dba Calmat Co.	Plant 12 - Sun City	Aggregate Plant	Aggregates
	Vulcan Materials, dba Calmat Co.	Plant 12 - Sun City	Batch Plant	Concrete
	Vulcan Materials, dba Calmat Co.	Plant 12 - Sun City	Hot Plant	Asphalt
	Vulture Mining Company	New Vulture	Placer	Gold
	Wesco Minerals LLC.	Rainbow Valley	Open Pit Mine	Feldspathic Sand
	Western Aggregates LLC.	Plant 41	Aggregate Plant	
	Weston Concrete & Materials, Inc	Hanks Pit	Surface	Aggregates
	Wickenburg Holding Group Corp.	Red Sand Silica	Surface	Sand & Gravel
Mohave	Company	Mine / Plant Name	Type	Product
	Addwest Minerals, Inc.	Gold Road Mine	Underground Mine	Gold
	C.S. McCrossan	Lake Havasu Pit	Aggregate Plant	Aggregates
	Cemex USA	Bullhead City Pit, #1473	Aggregate Plant	Aggregates
	Cemex USA	Bullhead City Batch Plant, 1981	Batch Plant	Concrete
	Chase Crushing aka Vista	White Hills	Aggregate Plant	Decorative Stone
	Chase Crushing aka Vista	Regal Mist	Aggregate Plant	Decorative Stone
	Chemical Lime Company	Nelson Plant	Quarry	Lime
	Chris Blythe's Aggregate Company	Havasu Hights	Screening Plant	Aggregates
	City of Bullhead	Portable Powerscreen	Aggregate Plant	
	Continental Golf & Construction aka Continental Materials	Beaver Dam Plant	Aggregate Plant	Sand & Gravel
	D & R Excavating	D & R Ecavating Materials Pit	Aggregate Plant	Aggregates
	D. L. Campbell Company, Inc.	Sand Pit Road	Aggregate Plant	Aggregates
	D. S. Mine & Development	Excelisor	Mill	Gold & Silver

D.L. Campbell Company	Chemehuevi Pit	Aggregate Plant	Sand & Gravel
D.L. Campbell Company	Hackberry	Aggregate Plant	Sand & Gravel
Dayton Lundy Rock	Dayton Lundy Rock Pit # 1	Aggregate Plant	Decorative Stone
Dayton Lundy Rock	Dayton Lundy Rock Pit # 2	Aggregate Plant	Decorative Stone
Denison Mines USA Az. Strip District	Arizona # 1	Underground Mine	Uranium
Denison Mines USA Az. Strip District	Pinenut	Underground Mine	Uranium
Desert Construction, Inc.	Hualapai Pit - Rosslynn Rd. Pit	Aggregate Plant	Aggregates
Desert Construction, Inc.	Hualapai Hot Plant	Hot Plant	Asphalt
Desert Construction, Inc.	Wash & Screen Plant	Aggregate Plant	Aggregates
Desert Construction, Inc.	Batch Plant	Batch Plant	Concrete
Dunbar Stone	Hualapai Chocolate	Quarry	Flagstone
Eureka Mining	Havasus Rose	Aggregate Plant	Decorative Stone
Fraser Gold Inc.	Tantalos Mine		Gold
Freiday Construction, Inc.	Rattlesnake Wash Pit	Aggregate Plant	Aggregates
Georgia Pacific Gypsum LLC. FORMALLY G-P Gypsum Corp.	Black Rock Quarry	Quarry	Gypsum
Grand Wash Excavating, Inc.	Meadview Portable # 1	Aggregate Plant	Sand & Gravel
JDI Enterprises LLC., aka Thunderbird Materials	DW Ranch Road Pit	Aggregate Plant	Sand & Gravel
JDM Sand & Rock, Inc.	Little Cedar	Aggregate Plant	Aggregates
Kalamazoo Materials, Inc. aka Able Earth	Chloride Pit	Aggregate Plant	Granite/Decorative Stone
Kalamazoo Materials, Inc. aka Able Earth	White Hills Mine	Aggregate Plant	Decorative Stone
Kalamazoo Materials, Inc. aka Able Earth	New Valentine Pit	Aggregate Plant	Decorative Stone
Keiwi Western Co.	Rinker Bullhead Pit	Hot Plant	Asphalt
Kingman Turquoise Mining Co.	Kingman Turquoise @ Mineral Park	Crush & Screen	Turquoise
McCall Construction	McCall Pit	Aggregate Plant	Aggregates
McCormick Construction	LakeHavasus Hot Plant	Hot Plant	Asphalt
McCormick Construction	McCormick Pit / Rio Lomas III	Aggregate Plant	Sand & Gravel
McCormick Construction	Lake Havasu Pit	Aggregate Plant	Aggregates
Mercator Mineral Park	Mercator Mineral Park	Open Pit Mine	Copper
Mineral Park Materials	Cedar Hills Division	Aggregate Plant	Granite/Decorative Stone
Mohave County Road Department	Hualapai Pit,	Open Pit	Aggregates

		#HP919991	Mine	
	OZ Rock	OZ Rock	Aggregate Plant	
	Precision Aggregate Products LLC	Little Cedar Knoll Pit	Sand & Gravel	Aggregates
	Red Mountain Mining dba as Mineral Park Decorative Rock Reserve Bank	Mineral Park Rock	Aggregate Plant	Decorative Stone
	Resized Rock, Inc.	Reserve Bank Mine	Underground Mine	Copper Jewelry
	Rock it Rock Products	White Hills	Aggregate Plant	Decorative Stone
	S & S Concrete and Materials LLC.	Sacramento Pit	Aggregate Plant	
	S & S Concrete Materials LLC.	Pass Canyon Batch Plant	Batch Plant	Concrete
	S-2 Contractors, Inc	Pass Canyon	Aggregate Plant	Sand & Gravel
	SGV Resources Inc.	Sand Pit	Cement Plant	Asphalt
	Statewide Excavation, Inc. aka Southwest Sand & Gravel	Emerald Isle Mine	Open Pit Mine	Copper
	SunCon fka Sunshine Concrete & Materials, Inc	London Bridge Road Pit	Aggregate Plant	Aggregates
	SunCon fka Sunshine Concrete & Materials, Inc	Airport Pit	Aggregate Plant	Aggregates
	SunRoc Materials	Airport Batch Plant	Batch Plant	Concrete
	Sunshine Concrete & Materials, Inc	Beaver Dam	Aggregate Plant	Sand & Gravel
	Sunshine Concrete & Materials, Inc	Mc Connico Pit / Kingman Plant	Aggregate Plant	Aggregates
	Sunshine Concrete & Materials, Inc	Kingman Batch Plant	Batch Plant	Concrete
	Thunderbird Materials aka JDI Enterprises LLC.	Sawmill Wash Pit	Aggregate Plant	Aggregates
	Tonto Supply	Colorado City	Screening Plant	Aggregates
	Western Mining and Minerals	Black Rock	Quarry	Gypsum
Navajo	Company	Mine / Plant Name	Type	Product
	Brimhall Sand Rock & Building Materials	Winslow Pit	Aggregate Plant	Aggregates
	Brimhall Sand, Rock & Building Materials	Geronimo Sand Pit	Surface	Aggregates
	Brimhall Sand, Rock & Building Materials	Hardluck	Aggregate Plant	Aggregates
	Brimhall Sand, Rock & Building Materials	Joe's Pit	Surface	Aggregates
	Brimhall Sand, Rock & Building Materials	Cooley Knoll Cinder Pit	Surface	Cinders
	Brimhall Sand, Rock & Building Materials, Inc.	Cottonwood Wash / Rim Rock	Aggregate Plant	Sand & Gravel
	Brimhall Sand, Rock & Building Materials, Inc.	Decker Plant	Aggregate Plant	Sand & Gravel
	Brimhall Sand, Rock & Building Materials, Inc.	Decker Hot Plant	Hot Plant	Asphalt
	Cholla Ready Mix	Perkins Valley Pit	Aggregate	Aggregates

Cholla Ready Mix, Inc.	Woodruff Butte	Plant Aggregate Plant	Aggregates
Hatch Construction & Paving Inc	Flake Pit	Open Pit Mine	
Hatch Construction & Paving, Inc.	Four Mile Pit	Aggregate Plant	Aggregates
Hatch Construction & Paving, Inc.	Four Mile Batch Plant	Batch Plant	Concrete
Hatch Construction & Paving, Inc. McCauley's Dyna Rock & Sand	Four Mile Hot Plant Minnetonka	Hot Plant Aggregate Plant	Asphalt Aggregates
McCauley's Dyna Rock & Sand	Chevelon	Aggregate Plant	Aggregates
Navajo County	First Knoll Cinder Pit	Cinders	Cinders
Perkins Cinder Company	Owens Pit	Open Pit Mine	Cinders
Perkins Cinder Company	Turly Pit	Open Pit Mine	Aggregates
Perkins Cinders fka Linden Pearce Construction	Linden Pit	Aggregate Plant	Sand & Gravel
Perkins Cinders fka Linden Pearce Construction	Linden Batch Plant	Batch Plant	Concrete
Perkins Cinders fka Linden Pearce Construction	Linden Hot Plant	Hot Plant	Asphalt
Quality Ready Mix aka Cemex	Brimhall Cottonwood Operation	Batch Plant	Concrete
Red Rock Cinder Co.	Duke Peak	Cinders	Cinders
Reidhead Sand & Rock, Inc.	Reidhead Sand & Rock	Aggregate Plant	Aggregates
Reidhead Sand & Rock, Inc.	Reidhead Sand & Rock Batch Plant	Batch Plant	Concrete
Southwestern Stone Company	Gold Quarry	Quarry	Flagstone
Surface Contracting, Inc.	Brimhall Hardluck Operation	Hot Plant	Asphalt
Thirsty Stone Resources	HTH1 Quarry	Quarry	Sandstone
Western Materials, LLC	Western Materials Site #1 at cooley knob	Surface	Cinders

Pima	Company	Mine / Plant Name	Type	Product
	Asarco Silver Bell Mining LLC.	Silver Bell Mine	Open Pit Mine	Copper
	ASARCO, Inc.	Mission Unit Pit Mission San Xavier	Open Pit Mine	Copper
	Cal Portland dba Twin Peaks Rock & Stone	Twin Peaks Rock & Stone	Aggregate Plant	Sand & Gravel
	California Portland Cement dba CPC SouthWest Materials	Granite/Tangerine Plant	Batch Plant	Concrete
	California Portland Cement dba CPC SouthWest Materials Inc,	Orange Grove Plant	Aggregate Plant	Sand & Gravel
	California Portland Cement dba CPC SouthWest Materials Inc, formerly Tucson Ready Mix	Orange Grove Plant	Batch Plant	Concrete

California Portland Cement dba CPC SouthWest Materials Inc, formerly Tucson Ready Mix	Orange Grove Plant	Hot Plant	Asphalt
California Portland Cement dba CPC SouthWest Materials Inc, formerly Tucson Ready Mix	Swan Batch Plant	Batch Plant	Concrete
CalPortland Company formerly Arizona Portland Cement Company	Rillito Mill	Cement Plant	Cement/Lime
CalPortland Company formerly Arizona Portland Cement Company	Rillito Quarry	Quarry	Limestone
Cemex	Plant 1457/223 Cortaro Plant	Aggregate Plant	Aggregates
Cemex	Cortaro Batch Plant I	Batch Plant	Concrete
Cemex	Cortaro Hot Plant	Hot Plant	Asphalt
Cemex	Avra Valley	Batch Plant	Concrete
Cemex USA	Apex Plant # 22	Aggregate Plant	Sand & Gravel
Cemex USA	Pima Plant # 17	Aggregate Plant	Sand & Gravel
Cemex USA	Pima Mine Plant # 121	Batch Plant	Concrete
Cemex USA	Apex Plant # 12	Batch Plant	Concrete
Churchman Sand & Gravel / Aggregate Materials	River Road	Aggregate Plant	Sand & Gravel
Clay Mine Adobe Inc.	Avra Road Plant	Surface	Adobe brick mortar plaster
Clay Mine Adobe, Inc.	Clay Mine Adobe	Open Pit Mine	Clay
CM Mine	14620 W. Hardscrabble Road	Surface	Gold
Downey, LA & Sons	Downey Sand & Gravel Pit	Aggregate Plant	Sand & Gravel
Freeport McMoran Copper & Gold Ajo	New Cornelia Branch	Open Pit Mine	Copper
Freeport McMoran Copper & Gold Sierrita	Sierrita Open Pit	Open Pit Mine	Copper
Freeport McMoran Copper & Gold Sierrita	Phelps Dodge Sierrita Mill	Mill	Copper
Granite Construction Company	Swan Road Pit	Aggregate Plant	Aggregates
Granite Construction Company	Tangerine Pit	Aggregate Plant	Aggregates
Granite Construction Company	Swan Road Pit	Hot Plant	Asphalt
Granite Construction Company	Tangerine Pit	Hot Plant	Asphalt
Huachuca Concrete, Inc. dba AzConAgg	Wilmot Plant	Aggregate Plant	Sand & Gravel
Imerys Marble	Santa Rita Mine	Quarry	Limestone
Jim Bush Sand & Gravel	Jim Bush	Aggregate Plant	Aggregates
Kalamazoo Materials, Inc. aka Able Earth	Silverbell	Aggregate Plant	Decorative Stone
Lamb Rock (Lamb Excavation Inc. DBA)	Lamb Rock- Wentworth	Reclamation	Rip/Rap
Lamb Rock aka Lamb Excavation,	Sahuarita / Twin	Aggregate	Decorative Stone

Inc.	Buttes Minesite	Plant	
Minerals Research & Recovery, Inc.	Ajo Plant	Aggregate Plant	Slag
Oremus Material Inc.	Avra Valley	Batch Plant	Concrete
Park Corporation aka Twin Buttes Properties	Twin Buttes Mine	No Activity	Industrial Supplies
Phoenix Brick Yard	Pantano, North and South Clay Pits	Open Pit Mine	Clay
Pioneer Landscaping Materials, Inc.dba Pioneer Sand Co.	Sierra Gold Pit	Aggregate Plant	Aggregates
Pioneer Landscaping Materials, Inc.dba Pioneer Sand Co.	Waterman Pit	Aggregate Plant	Decorative Stone
Rosemont Copper Company	Rosemont Copper Project	Surface	Copper
Sahuarita Mining 1986, Ltd.	Blue Jay	Underground Mine	Gold
Sandstorm Materials	Sandstorm Materials	Surface	Sand & Gravel
Sierra Mining & Crushing LLC.	Hughes Sand & Gravel Pit	Aggregate Plant	Sand & Gravel
SKM Mining & Materials, Inc. aka MEMCO	Pantano Plant	Open Pit Mine	Aggregates
Sonora Environmental LLC. dba B & R Materials, Corp	Harrison Escalante Plant	Aggregate Plant	Sand & Gravel
Staker Parson Companies	INA Pit	Surface	Sand & Gravel
Staker Parson Companies	Poor Man Rd. Batch Plant	Batch Plant	Concrete
Staker Parson Companies	Green Valley Batch Plant	Batch Plant	Concrete
Staker Parson Companies	INA Batch Plant	Batch Plant	Concrete
Staker Parson Companies	Green Valley Aggregate Plant	Batch Plant	Concrete
University of Arizona	San Xavier Mining Laboratory	Miner Training Lab	Training
Valley Rock & Sand Company	McCann Pit	Aggregate Plant	Aggregates
Vulcan Materials	Black Angus Hot Plant (Pantano Plant)	Hot Plant	Asphalt
Vulcan Materials	Black Angus Pit	Aggregate Plant	Aggregates
Vulcan Materials	Marana	Aggregate Plant	Aggregates
Vulcan Materials	Marana BKW 950 Hot Plant	Hot Plant	Asphalt
Pinal	Company	Mine / Plant Name	Type
	Albo Guzman Trucking	Albo Guzman Sand & Gravel	Aggregate Plant
	Alpha Exploration LLC.	Alpha Exploration	Exploration
	Arizona Materials LLC.	Plant #2 Queen Creek	Batch Plant
	Arizona Materials, L.L.C.	Plant #8 Florence	Batch Plant
	Arizona Metro Mix	Arizona Metro Mix # 1	Batch Plant
			Concrete
			Concrete
			Concrete

ASARCO, Inc.	Ray Operations	Open Pit Mine	Copper
ASARCO, Inc.	Ray Complex	SX-EW Plant	Copper
ASARCO, Inc.	Ray Operations Mill and Concentrator	Mill	Copper
CalPortland Company formerly Imix formerly Arizona Portland Cement Company	Coolidge Batch Plant	Batch Plant	Concrete
CalPortland Company formerly Imix formerly Arizona Portland Cement Company	15931 N Christensen Rd. Coolidge Az.	Surface	Sand & Gravel
Cemex	Winkleman / Superior Plant 546	Aggregate Plant	Aggregates
Cemex USA	UM Plant 449 / 2305 S. Rooftile Road Casa Grande	Batch Plant	Concrete
Cemex USA	UM Plant 449 / 2305 S. Rooftile	Aggregate Plant	Aggregates
Cemex USA	UM Plant 449 / 2305 S. Rooftile Rd. Casa Grande	Hot Plant	Asphalt
Cemex USA	Plant # 142, Queen Creek	Aggregate Plant	Aggregates
Cemex USA	Queen Creek Plant 75	Aggregate Plant	Sand & Gravel
Cemex USA	Queen Creek Plant 65	Batch Plant	Concrete
Cemex USA	Coolidge Plant	Aggregate Plant	Sand & Gravel
Cemex USA	Plant # 142, Queen Creek	Batch Plant	Concrete
Cemex USA	Coolidge Plant	Batch Plant	Concrete
Chandler Rock, Inc.	Big Nob	Aggregate Plant	Granite/Decorative Stone
Decorative Rock Sales	Little Hill Mine	Decorative Stone	Granite/Decorative Stone
Diablo Sand & Gravel	Diablo	Aggregate Plant	Sand & Gravel
Fisher Sand & Gravel, Inc.	Florence Pit	Surface	Sand & Gravel
Fisher Sand & Gravel, Inc.	Florence Pit	Hot Plant	Asphalt
Fort McDowell Yavapai Materials	Plant Sixty	Batch Plant	Concrete
Gila Rock Products, LLC	Reymert - Superior	Aggregate Plant	Decorative Stone
Hanson Aggregates	Queen Creek Plant 42	Aggregate Plant	Sand & Gravel
Hanson Aggregates	Queen Creek Batch Plant 42	Batch Plant	Concrete
Hanson Aggregates of Arizona, Inc.	Coolidge Plant # 65	Aggregate Plant	Sand & Gravel
Hanson Aggregates of Arizona, Inc.	Coolidge	Batch Plant	Concrete
Harborlite Corp.	Harborlite Mine/Mill	Open Pit Mine	Perlite
JALAG Enterprises	Jalag Pit	Aggregate Plant	Sand & Gravel

Kalamazoo Materials	Durham Hills Quarry	Aggregate Plant	Aggregates
Kalamazoo Materials aka Able Earth	Bonito	Aggregate Plant	Granite/Decorative Stone
Kalamazoo Materials Inc. aka Able Earth	Amber/ desert gold	Aggregate Plant	Decorative Stone
Kalamazoo Materials, Inc. aka Able Earth	New Superior Pit	Aggregate Plant	Aggregates
Kalamazoo Materials, Inc. aka Able Earth	Old Superior Pit	Aggregate Plant	Aggregates
KJC Rock and Materials Inc.	KJC Rock and Materials Inc.	Surface	Decorative Stone
M.R. Tanner Mining Inc.	Queen Creek Pit Mine	Aggregate Plant	
M.R. Tanner Mining, Inc.	Rankin Pit Mine	Crush & Screen	Aggregates
Maricopa Ready Mix	Coolidge Plant 4	Batch Plant	Concrete
Mesa Materials	Coolidge Plant	Hot Plant	Asphalt
Mission Materials Company	Casa Grande Plant 07	Surface	Sand & Gravel
Mission Materials Company	Florence Plant #3	Aggregate Plant	
Mission Materials Company	Florence Plant #3	Hot Plant	Asphalt
National Gypsum aka New NGC, Inc.	Feldman	Open Pit Mine	Gypsum
Old Wasp Mine	Old Wasp Mine	Surface	Gold & Silver
OMYA CA, Inc. Pluess-Staufer CA, Inc.	Omya Az.	Quarry	Marble
P & P Materials LLC	P & P Materials	Aggregate Plant	Aggregates
Phoenix San Man	Coolidge Plant # 11	Aggregate Plant	Sand & Gravel
Pinal Gypsum	White Cross Mine	Open Pit Mine	Gypsum
Pioneer Sand	Picacho Peak Pit	Aggregate Plant	Aggregates
Pioneer Sand	Casa Grande Pit aka grande rose pit	Aggregate Plant	Granite/Decorative Stone
Pioneer Sand	San Tan Pit	Aggregate Plant	Aggregates
Red Hills Mining LLC	Red Hills Quarry	Aggregate Plant	Decorative Stone
Resolution Copper Mining, LLC	Superior Magma Mine	Underground Mine	Copper
Rinker Materials, Inc.	UM Plant 1975	Batch Plant	Concrete
Rinker Materials, Inc.	UM Plant 46 17685	Aggregate Plant	Sand & Gravel
RMI Ready Mix	N. Tanner Road	Batch Plant	Concrete
Rock Solid, Inc.	Queen Creek Plant	Batch Plant	Concrete
Silver King Mining, LLC	Silver King Mine	Underground Mine	Silver
Smithco Enterprises, Inc.	Bobbit Pit	Open Pit Mine	Aggregates
Sonora Environmental fka Coolidge	Sonora	Aggregate	Sand & Gravel

	Sand & Rock	Environmental formely Coolidge sand & Rock	Plant	
	Sonora Environmental fka Coolidge Sand & Rock	Sonora Environmental formely Coolidge sand & Rock	Batch Plant	Concrete
	Southwest Rock Products	Queen Creek / Plant 1	Aggregate Plant	Aggregates
	Southwest Rock Products (Landscape)	Coolidge Plant	Aggregate Plant	Sand & Gravel
	St. Cloud Mining Co. (DBA) White Cliffs Mining, Inc.	White Cliffs	Open Pit Mine	Diatomite
	T D Martin Group LLC	Pit # 525	Wash Plant	Sand, Industrial
	Tee Pee Sand & Gravel	Tee Pee	Aggregate Plant	Sand & Gravel
	Treasure Chest Mining	Treasure Chest Pit	Aggregate Plant	Granite/Decorative Stone
	Vulcan Materials Co. Walker Butte Granite	Queen Creek Walker Butte Granite	Hot Plant Aggregate Plant	Asphalt Decorative Stone
Santa Cruz	Company	Mine / Plant Name	Type	Product
	California Portland Cement dba CPC SouthWest Materials Inc, Cemex USA.	Rio Rico Plant	Aggregate Plant	Aggregates
		Plant 228 Nogales	Aggregate Plant	Aggregates
	Cemex USA.	Plant 228 Nogales Batch Plant	Batch Plant	Concrete
	California Portland Cement dba CPC SouthWest Materials GRG Construction Inc.	Rio Rico Batch Plant	Batch Plant	Concrete
		GRG Santa Cruz # 1	Aggregate Plant	Aggregates
	Collins Excavating dba Rio Rico Rock & Sand	Rio Rico Plant	Aggregate Plant	Aggregates
Yavapai	Company	Mine / Plant Name	Type	Product
	A.R.A Materials	A.R.A Plant	Aggregate Plant	Sand & Gravel
	Alvarado Holdings, LLC	Alvarado Mine	Surface	Gold & Silver
	APS Asphalt Paving and Supply dba Arrowhead Materials	Prescott Valley Pit	Aggregate Plant	Aggregates
	APS Asphalt Paving and Supply dba Arrowhead Materials	Prescott Valley Batch Plant	Batch Plant	Concrete
	APS Asphalt Paving and Supply dba Arrowhead Materials	Prescott Valley Hot Plant	Hot Plant	Asphalt
	APS dba Arrowhead Materials	Chino Valley Pit	Aggregate Plant	Sand & Gravel
	Bedrock Landscape Materials	Bedrock Portable Plant #1	Aggregate Plant	Aggregates
	Boss Technologies LLC. AKA USAR	Congress	Aggregate Plant	Sand & Gravel
	Brinkley Mining Inc.	Brinkley Mine	Mill	Gold
	Cemex fka Rinker Materials	Plant 556 CampVerde-Cherry	Aggregate Plant	Aggregates

Cemex fka Rinker Materials	Pit Plant 556 Camp Verde-Batch Plant	Batch Plant	Concrete
Cemex fka Rinker Materials	UM Plant 556/Camp Verde- Hot Plant	Hot Plant	Asphalt
Cemex formerly Rinker Materials, Inc.	Prescott Valley Hot Plant 551	Hot Plant	Asphalt
Cemex formerly Rinker Materials, Inc.	Prescott Valley Plant 551	Aggregate Plant	Aggregates
Cemex formerly Rinker Materials, Inc.	Chino Valley	Batch Plant	Concrete
Cemex formerly Rinker Materials, Inc.	Prescott Valley Batch Plant 551	Batch Plant	Concrete
Charter Materials, LLC.	Plant 100	Aggregate Plant	Aggregates
Chino Valley Materials	Schiabie / Granite Creek Pit	Aggregate Plant	Aggregates
Clarkdale Metals Corp	Clarkdale Slag Project	Surface	Gold
Dick Merritt	Last Chance Mine aka Blackhat	Surface	Gold
Drake Cement, LLC.	Drake Cement Plant	Cement Plant	Cement/Lime
Drake Stone	M.C. Canyon Quarries	Quarry	Flagstone
Drake Stone	Rock House Quarries	Quarry	Flagstone
Drake Stone Products Inc.	Far North Oak	Surface	Flagstone
Freeport McMoran Copper & Gold Bagdad Operations	Bagdad Mine	Open Pit Mine	Copper
Freeport McMoran Copper & Gold United Verde	United Verde	Underground Mine	Rehab
G & S Gravel Incorporated	Star Placer	Aggregate Plant	Sand & Gravel
Gimel Arizona Inc.	Buckhorn	Placer	Gold
Granite Mountain Materials	Dosie Pit	Aggregate Plant	Granite/Decorative Stone
Hanson Aggregates	Yavapai Airport Pit	Aggregate Plant	Sand & Gravel
Hanson Aggregates	Clarkdale Hot Plant	Hot Plant	Asphalt
Hanson Aggregates	Yavapai Airport Batch Plant	Batch Plant	Concrete
Hanson Aggregates	Clarkdale Plant	Aggregate Plant	Aggregates
Hanson Aggregates	Clarkdale Batch Plant	Batch Plant	Concrete
Harley Gray Stone	Partridge & Red Quarries	Quarry	Flagstone
J.W. Mining L.L.C.	Rich Hill Mine	Surface Placer	Gold
Jakes Granite Supplies, LLC.	Date Creek Quarry	Decorative	Aggregates

Material Delivery Inc. (M D I)	Dewey Pit	Stone Aggregate Plant	Decorative Stone	
Mendoza Quarry	Mendoza Quarry	Surface	Flagstone	
Mike Mulcair Excavating Inc.	Midpoint	Aggregate Plant	Sand & Gravel	
North Amaerican Industries aka Ironite Products	Ironite Products	Mine Tailings	Fertilizer minerals	
Paterno Stone Co. aka Triple R Stone	Copper Qween	Quarry	Decorative Stone	
Paterno Stone Co. aka Triple R Stone formerly Roy Anderson Stone	Bluebell Quarry	Quarry	Flagstone	
Paterno Stone Co. aka Triple R Stone formerly Roy Anderson Stone	Apache	Quarry	Flagstone	
Reay Brothers Excavation, LLC		Surface	Sand & Gravel	
Rock Ridge Quarries Inc. aka 3 Wins Quarries	Rock Ridge Quarries	Quarry	Flagstone	
Salt River Materials Group, dba Phoenix Cement	Phoenix Cement Gypsum Mine	Open Pit Mine	Gypsum	
Salt River Materials Group, dba Phoenix Cement	Phoenix Cement Plant	Cement Plant	Cement/Lime	
Schuck Sand & Rock	Schuck Pit	Aggregate Plant	Sand & Gravel	
Stoneworld	Onyx Quarry	Quarry	Stone, Dimension	
Stoneworld	Rattlesnake Canyon	Quarry	Flagstone	
Sunshine Concrete & Materials dba Suncon	Paulden Pit	Aggregate Plant	Aggregates	
Sunshine Concrete & Materials dba Suncon	Drake Batch Plant	Batch Plant	Concrete	
Superstition Crushing LLC	Black Canyon City	Sand & Gravel	Rip/Rap	
Swallow Mining LLC	Swallow Mine	Exploration	Copper	
United Verde Inc. AKA United Verde Materials	United Verde Pit	Aggregate Plant	Aggregates	
Vanderbilt Minerals Corp.	Lyle Mine	Open Pit Mine	Clay	
Weston Concrete & Materials, Inc.	Wash Plant & Batch Plant	Batch Plant	Aggregates	
Yavapai County Public Works Dept.	Yavapai County	Aggregate Plant	Sand & Gravel	
Yuma	Company	Mine / Plant Name	Type	Product
	Aztec Excavating & Materials LLC	Dateland Pit	Surface	Sand & Gravel
	BLT Companies, LLC	BLT Materials Pit	Aggregate Plant	Sand & Gravel
	BLT Companies, LLC	BLT Batch Plant	Batch Plant	Concrete
	BLT Companies, LLC	BLT Hot Plant	Hot Plant	Asphalt
	BTZ dba Zellers Excavating & Paving	Black Hill Mine	Aggregate Plant	Sand & Gravel
	BTZ dba Zellers Excavating & Paving	Black Hill Hot Plant	Hot Plant	Asphalt
	BTZ dba Zellers Excavating & Paving	Black Hill Batch Plant	Batch Plant	Concrete
	Cemex	County 19	Aggregate	Aggregates

	Cemex	Hwy - 95 Plant	Plant Aggregate Plant	Sand & Gravel
	Cemex	Hwy - 95 Plant	Hot Plant	Sand & Gravel
	Desert Road Builders, Inc.	Blaisedale Pit Yuma Pit # 1	Aggregate Plant	Sand & Gravel
	Desert Road Builders, Inc.	County 19 Hot Plant	Hot Plant	Asphalt
	Desert Road Builders, Inc.	County 19 Plant	Aggregate Plant	Sand & Gravel
	H & S Developers, Inc.	Fortuna Pit 1	Aggregate Plant	Asphalt
	Luxcor Gold L.P.	Francher Project	Exploration	Sand & Gravel
	Saguaro Concrete	Rock in Roll	Aggregate Plant	Sand & Gravel
	Tacna Sand & Gravel, LLC.	Roll Plant	Aggregate Plant	Gold
	Wellton-Mohawk Irrigation & Drainage District	Viper Portable Screen	Aggregate Plant	
	Yuma County Department of Public Works	Yuma Portable	Aggregate Plant	Sand & Gravel
Portable	Company	Mine / Plant Name	Type	Product
	Arizona General Engineering / A.G.E. Contracting Inc.	CPC Rio Rico	Contractor	Aggregates
	Ashton Company, Inc.	Various Mine Sites	Portable Aggregate Plant	Sand & Gravel
	Ashton Company, Inc.	Various Mine Sites	Aggregate Plant	Sand & Gravel
	Ashton Company, Inc. The AZ BEST Formally known as Woody's Landscaping, LLC C S & W Contractors Inc.	Various Locations Walker Butte Granite Pit Various Mine Sites	Asphalt Plant Portable Screen Plant Custom Crushing	Asphalt Construction
	C. S. McCrossan, Inc.	Portable Mining Equipment	Portable Aggregate Plant	Sand & Gravel
	C. S. McCrossan, Inc. Cemex Construction Materials	Portable Hot Plant	Hot Plant Crush & Screen	Asphalt
	Coconino County Public Works	County Wide Portable Screen Plant	Crush & Screen	Cinders
	CS McCrossan, Inc	PE500	Crush & Screen	
	Dalmolin Excavating		Custom Crushing	Aggregates
	Empire Excavation, Inc.	(CM-2248 ADOT Pit #)	Surface	
	Environmental Response, Inc.	Portable	Aggregate Plant	Aggregates
	F N F Construction Inc.	Portable 87-00	Hot Plant	Asphaltic Concrete
	F N F Mining Co., A division of F N F Construction	71-14 Portable Various Sites	Aggregate Plant	Aggregates

F N F Mining Co., A division of F N F Construction	71-21	Aggregate Plant	Aggregates
F N F Mining Co., A division of F N F Construction	RE 5958	Aggregate Plant	
Fann Contracting	Various Mine Sites	Custom Crushing	Construction
Fann Contracting	Hot Plant 1 & 2	Hot Plant	Construction
Fisher Industries, Southwest Industries	Various Mine Sites	Custom Crushing	Aggregates
Fisher Industries, Southwest Industries	Various Mine Sites	Hot Plant	Asphalt
Fisher Sand & Gravel dba Arizona Drilling and Blasting	Various Mine Sites	Custom Crushing	Aggregates
Fort McDowell Yavapai Materials	Various Mine Site	Aggregate Plant	Decorative Stone
Granite Construction Company	Various Mine Sites	Custom Crushing	Rip/Rap
Granite Construction Company	Various	Hot Plant	Asphalt
GRG Construction Inc.	GRG Portable Screen # 1201	Screening Plant	Aggregates
Hanson Aggregates of Arizona	Portable PC 54	Aggregate Plant	Aggregates
Hatch Construction & Paving Inc.	Various Mine Sites	Aggregate Plant	Aggregates
Interstate Rock Products, Inc	Indigo Ridge Project	Custom Crushing	
Kessen & Kessen, Inc.	Copper Hills Mine	Custom Crushing	Revert Crushing
Kiewit Western Co.	Various Sites / Portable	Aggregate Plant	
Kiewit Western Co.	Various Sites / Portable	Hot Plant	Asphalt
M.R. Tanner Mining, Inc.	Portable #1 & #2	Crush & Screen	Aggregates
Material's Delivery Inc. (M.D.I.)	Various	Custom Crushing	Sand & Gravel
McCormick Construction	McCormick Portable Hot Plant	Hot Plant	Asphalt
Meadow Valley Contractors, Inc.	Statewide Hot Plant	Hot Plant	Asphalt
Meadow Valley Contractors, Inc.	Portable Plant	Custom Crushing	Aggregates
Mercury Constructors, Inc.	Various Mine Sites	Surface	Aggregates
Mohave County Road Department	Kolman Portable	Open Pit Mine	Aggregates
Payson Concrete & Materials	Portable Plant	Portable Aggregate Plant	Aggregates
Perkins Cinders Inc.	Hall Pit	Custom Crushing	Sand & Gravel
Phoenix San Man	PC Plant 15 / Various Mine Sites	Aggregate Plant	Aggregates
Robson Ranch Construction Co. Land Development		Custom Crushing	Aggregates
S & M Construction, Inc.	FMI Morenci	Custom	Construction

	Smithco Enterprises, Inc.	Various Mine Sites	Crushing Custom Crushing	Silica/Slag
	Southwest Rock Products	Various Mine Sites	Aggregate Plant	Sand & Gravel
	Sun Valley Mining Company aka Superstition Crushing	Various Locations	Aggregate Plant	Sand & Gravel
	Sundt Construction Inc.	Portable Soil Cement Plant	Batch Plant	Soil Cement
	Sundt Construction Inc.	Soil Cement Plant	Aggregate Plant	Soil Cement
	Superstition Crushing	all portable equipment	Aggregate Plant	Aggregates
	Texas Canyon Rock & Sand	Various Location	Custom Crushing	Aggregates
	Tonto Supply	Custom Crusher	Custom Crushing	Aggregates
	Town of Eagar	Various Mine Sites	Aggregate Plant	
	Tri County Materials / AKA Morris Sand & Gravel	Various Mine Sites	Portable Aggregate Plant	Aggregates
	Wheeler Construction aka WCI Mining LLC.	Various Locations	Portable Aggregate Plant	Aggregates
	White Mountain Cinders		Cinders	Cinders
Contractor	Company	Mine / Plant Name	Type	Product
	A & H Contracting Services, Inc	Carlotta Copper Mine	Contractor	Maintenance
	A Team Electrical Service Inc.	Various Mine Locations	Contractor	Electrical
	A-O Painting, Inc.	Various Mine Sites	Contractor	Maintenance
	Accurate Steel LLC	Various Plants	Contractor	
	Ace Pipe Cleaning	Various Mine Sites	Contractor	Maintenance
	Acme Lift Company	Various Locations	Contractor	
	Adams Contracting and Excavating, LLC (formerly)Blasting Contractors	Various Locations	Contractor	Drilling & Blasting
	Advantage Field Services Inc	Various Mine Sites	Contractor	
	Advanced Lining Solutions,Inc. / AKA M & C Plastech, Inc.	Various Mine Sites	Contractor	Construction
	Agate Inc.	Various Location	Contractor	
	AIMS Construction		Contractor	Construction
	Air Conditioning Maintenance	Various Mine Sites	Contractor	Maintenance
	Air Liquide	Various Mine Sites	Contractor	O2 Manufacturing
	Aker Kvaerner Industrial Constructors, Inc.	Various Mine Sites	Contractor	Construction
	All-City/Tri-City Sweeping Inc.	Asarco Ray Mine	Contractor	
	Allen Pumps, Inc.	Various Locations	Contractor	
	Allied Industrial Maintenance dba W. Lay Inc.	Various Mine Sites	Contractor	Mechanical Services
	AMEC	ASARCO Ray Mine	Contractor	Engineering
	Amec E & C Services, Inc	Contractor	Contractor	Engineering
	American Fire Equipment Sales and	Various Minesites	Contractor	

Service Corporation			
American Welding LLC	Various Locations	Contractor	Welding
Ames Construction	Various Mine Sites	Contractor	Construction
Applied Diving Services, Inc.	Various Mine Sites	Contractor	
Aricon 3, Inc.	Various Locations	Contractor	Maintenance
Arizona Equipment Fabrication LLC	Various Mine Sites	Contractor	Maintenance
B & W Commercial	Freeport-McMoran Morenci	Contractor	Maintenance
Baker Construction, LLC	ASARCO Ray Mine	Contractor	
Bar T Equipment	Various Mine Sites	Contractor	
Barcon Corporation	Various Mine Sites	Contractor	Construction
Boart Longyear Coring	Statewide Locations	Contractor	Exploration Drilling
Bonita Steel Builders, Inc.	Various Mine Sites	Contractor	Construction
Bowen Machine & Fabricating, Inc.	Various Mine Sites	Contractor	Construction Maintenance
Brown Tank & Steel Fabricators & Erectors, Inc.	Various Mine Sites	Contractor	Equipment Service
Bud's Electric	Various Mine Sites	Contractor	Construction
Burks Valley Sanitation, LLC. aka Burks Environmental	Freeport Morenci Mine	Contractor	Maintenance
Cactus Welding Inc.	Mesa Materials	Contractor	
Caid Industries, Inc	Various Mine Sites	Contractor	
California Drilling & Blasting	Kalamazoo Materials	Contractor	Drilling & Blasting
Canyon Country Contracting Company	Various Mine Sites	Contractor	Construction
Carboline Company Formerly Known as Plasite Protective Coatings	Various Mine Sites	Contractor	Maintenance
Caribou Inc.	Various Mine Sites	Contractor	Elect. Maintenance
Caterpillar, Inc.	Tucson Proving Grounds & Various Mine Sites	Contractor	Industrial Supplies
Cementation U.S.A.	Resolution Copper Project	Contractor	Shaft Development
Centimark Corp.	Various Mine Site	Contractor	
Ch2m Hill Engineers Inc	Various Mine Site	Contractor	Engineering
Cham Hill Contractors, Inc	Resolution Copper	Contractor	
Chapman Electrical Contracting, Inc.	Various Mine Sites	Contractor	Construction
Chapoom Inc.		Contractor	
Chemical Transportation, Inc.	Various Mine Sites	Contractor	
Cimetta Engineering & Construction Co., Inc.	Various Mine Sites	Contractor	Maintenance
Circle JMR Corporation	Various Mine Sites	Contractor	Maintenance
Classic Lightning Protection, Inc	Various Mine sites	Contractor	
Commercial Steel Systems	Contractor	Engineering	
Con-Wear Products, Inc.	Various Locations	Contractor	Maintenance
Concrete Restoration System, Inc	ASARCO Hayden Operations	Contractor	
Concrete Restoration Systems, Inc. (CRSI)*	Various Mine Sites	Contractor	Construction

Concrete Sawing & Coring Inc..	Various Mine sites	Contractor	
Copperstate Industrial Inst. Inc.	Various Mine Sites	Contractor	Maintenance
Copperstate Industrial Services Inc.	Sierrita Open Pit - Client is PD Sierrita	Contractor	Maintenance
Cornell Metro Phoenix	Various Mine Sites	Contractor	
CTI Leasing	Various Mine Sites	Contractor	Materials Transport
Cummins Southwest, Inc.	Various Mine Sites	Contractor	Maintenance
Dakota Fabricating, Inc.	Various Mine Sites	Contractor	02 Manufacturing
Dalmolin Excavating, Inc.	Resolution West Plant	Contractor	
DBR Electric Inc.	Various Mine Sites	Contractor	Mechanical Services
DC Cattle Company	Various Mine Sites	Contractor	Reclamation
Desert View Electric, Inc	Various Mine sites	Contractor	
Desert West Electrical Enterprises Inc.	Various Mine Sites	Contractor	Mechanical Services
Diversified Drilling Inc.	Various Mine Sites	Contractor	Exploration Drilling
DJ's Companies, Inc	Carlota	Contractor	
DOLS Investments Inc.	Various Mine Sites	Contractor	
Dynamic Rock Solutions LLC.	Various	Contractor	Blasting Contractor
Eagle Steel Erectors, Inc	Carlota Copper Company	Contractor	
Earth Quest Plumbing, LLC	Various Mine Sites	Contractor	
Eco-Edge Co. formerly Emmissions Products International	Various Locations	Contractor	
Empire Southwest, LLC	Various Mine Sites	Contractor	Maintenance
Envirosure Solutions LLC	Various	Contractor	
F. L. Schmidt, Inc.	Phoenix Cement Company	Contractor	Construction
Far West Insulation Contractors / AKA Thorpe Insulation Company	Various Mine Sites	Contractor	Maintenance
Field Lining Systems Inc.	Various Mine Sites	Contractor	Construction
Fletchers Tire & Auto Service, Inc.	Various Minesites	Contractor	Fleet Maintenance
FLUOR	Various Mine Sites	Contractor	
GCR Tire Centers	Various Mine Sites	Contractor	Tire Maintenance
General Electric International, Inc.	Various Mine Sites	Contractor	Maintenance
GeoTemp Inc.	Various Mine Sites	Contractor	Contract Labor
Gila Geological Consultants LLC.	Various Locations	Contractor	
Gilbert Electric Company, Inc.	Various Mine Sites	Contractor	Maintenance
Gold Canyon Mining & Construction aka American Asphalt and Grading Co.	Various Mine Sites	Contractor	Excavation
Golder Associates, Inc.	Various Locations	Contractor	Construction
Gooch Welding	Various Mine Sites	Contractor	Construction
Granite Construction Company	Various Mine Sites	Contractor	Construction
GroundProbe NA LLC	Various Mine Sites	Contractor	
H & S Field Services, Inc.	Various Mine Sites	Contractor	Mechanical Services
Hagemeyer North America	Various Mine Sites	Contractor	Safety Supplies
Hamon Custodis	Various Mine Sites	Contractor	Maintenance
Hansen Land Surveying Inc.	Various Mine Sites	Contractor	Maintenance
Haralsons Auto Parts	FMI Morenci	Contractor	Maintenance

HCS	Various Mine Sites	Contractor	Labor
Heritage Trucking Inc.	Various Mine Sites	Contractor	Materials Transport
Howard Air	Carlota Copper Mine	Contractor	
Howe Precast Concrete Barrier, Inc.	Various	Contractor	Concrete
Hunter Contracting Co.	Various Mine Sites	Contractor	Construction
Industrial Tool and Supply	Various	Contractor	Industrial Supplies
Interclean Equipment, Inc	Carlotta Copper Mine	Contractor	
International Lining Technology	Various	Contractor	Construction
Ironco Enterprises, LLC	Various Mine Sites	Contractor	
J & D Excavators	Various Mine Sites	Contractor	Drilling & Blasting
J.S. Redpath Corp.	Various Mine Sites	Contractor	UG Mine Development
JaLin Enterprises, Inc.	Various	Contractor	Labor
James Hamilton Construction Co.	Various Mine Sites	Contractor	Construction
Jays Construction	Morenci Mine	Contractor	Construction
Jonovich Companies, Inc.	Various Mine Sites	Contractor	Maintenance
Kaltech International LLC.	ASARCO RAY	Contractor	
Kitchell Contractors aka Kitchell Environmental	Freeport-McMoran/Various Mine Sites	Contractor	
Klondyke, LLC General Contractors	Various Mines	Contractor	Electrical Construction
Kone Cranes, Inc	Various Mine Sites	Contractor	
L.P.R Construction Co.	Various Mine Sites	Contractor	
Lamb Excavation, Inc.	Various Mine Sites	Contractor	Excavation
Lang Exploratory Drilling	Various Mine Sites	Contractor	Exploration Drilling
Lang Wyatt Construction	Various Minesites	Contractor	Construction
Laron Inc. / Industrial Motor Control	Varies	Contractor	
Layne Christensen Company	Various Mine Sites	Contractor	Exploration Drilling
Les Industries Blais Inc.	Resolutions Copper #9 and #10 Site	Contractor	
Liebherr Mining Equipment Co	Various Mine Sites	Contractor	Manufacturing
M.C. Donegan L.L.C.	Various Mine Sites	Contractor	Drilling & Blasting
M.W.H. Americas	Various Mine sites	Contractor	
Major Drilling America	Various Locations	Contractor	Exploration Drilling
Marcanti Electric, Inc.	State Wide	Contractor	Maintenance
Marco Crane & Rigging	Various Mine Sites	Contractor	Crane Service
Massie Electric	Various Mine sites	Contractor	
Maxim Crane Works	Various Mine Sites	Contractor	Crane Service
Meridian Engineering Company	Various Mine Sites	Contractor	Maintenance
Metal Management Arizona,LLC	Various Locations	Contractor	
Milling Machinery Inc.	Asarco Hayden	Contractor	
Millwork By Design, Inc.	Various Mine Sites	Contractor	Maintenance
MMI Tank, LLC.	Various Mine Plants	Contractor	Tank Fabrication
Morris Material Handling	Various Mine Sites	Contractor	Maintenance
Mountain Power Electrical Contractor, Inc.	Various Mine Sites	Contractor	Maintenance
N.A. Degerstrom Inc.	Statewide Contractor	Contractor	Copper

North Houston Pole Line	Various Locations	Contractor	Construction
O'Brien Concrete Pumping	Various Mine Sites	Contractor	Concrete
O'Keefe Drilling	Various Mine Sites	Contractor	Exploration Drilling
Oddonetto Construction	Various Location	Contractor	Construction
OPTCO Industrial Coatings	Various Mine Sites	Contractor	Maintenance
Oracle Environmental, LLC	Various Mine Sites	Contractor	
OTTO Trucking Inc.	Various Mine Sites	Contractor	Materials Transport
P & H Mine Pro Services	Various Mine Sites	Contractor	Maintenance
Parelectrical Contractors	Various Locations	Contractor	
Parsons Steel Erectors, Inc.	Various Mine Sites	Contractor	Construction
Pelto Enterprises	FMI Morenci	Contractor	Reclamation
Phillips Kiln Services	Various Mine Sites	Contractor	Maintenance
Plastic Industries	Various Mines	Contractor	
Precision Bursting Services, Inc.	Nord Resources	Contractor	
Purcell's Western State Tire	Various Mine Sites	Contractor	Maintenance
R. E. Lee Mechanical Contracting, INC.	Contractor	Maintenance	
R. E. Monks Construction	Various Mine Sites	Contractor	Construction
RAM Enterprise Inc.	Various Locations	Contractor	Engineering
RAM Painting	Various Mine Sites	Contractor	Maintenance
REB Industrial Maintenance, LLC	Various Mine Sites	Contractor	Maintenance
Recon Refractory Construction, Inc.	Various Mine Sites	Contractor	Maintenance
Reliable Plant Maintenance	Mobil	Contractor	Sand & Gravel
Revegetation Services	San Manuel Mine	Contractor	Fertilizer minerals
Riley Industrial Services, Inc.	Asarco Ray Mine	Contractor	Blasting
Rincon LLC	Various Mine Sites	Contractor	Equipment Service
Road Machinery Company	Various Mine Sites	Contractor	Maintenance
Rock Breakers Construction Inc.	Various Mines	Contractor	Drilling & Blasting
Rodeo Welding, Inc.	Vrious Mine Sites	Contractor	Welding
Rural AZ Maintenance Specialist dba RAM Specialist	Various Mine Sites	Contractor	Materials Transport
S H Engineering & Mfg. LLC.	Various Mine Sites	Contractor	
S. A. S. Industrial Maintenance Corp.	Various Mine Sites	Contractor	Maintenance
Sako, Inc.	Various Mine Sites	Contractor	Maintenance
Samdex Inc.	Various Mine site	Contractor	
Sanders Western States Drilling & Blasting, Inc.	Black Rock Mine	Contractor	Drilling & Blasting
Saulsbury Electric Co., Ltd	Various Mine Sites	Contractor	
Schmueser and Associates, Inc.	Contractor		
Schnabel Foundation Company	Asarco Ray Mine	Contractor	Concrete
Service Insulation Systems, Inc	Various Mine Sites	Contractor	Maintenance
Sierra Electric Inc.	Various Mines	Contractor	
SOS Staffing	Various Sites	Contractor	Contract Labor
Southern Power Systems, Inc.	Various	Contractor	Construction
Southwest Energy Systems	Contractor	Contractor	Equipment Service
Southwest Energy, LLC	Various Mine Sites	Contractor	Drilling & Blasting
Southwest Hazard Control, Inc.	Various Mines	Contractor	
Southwest Industrial Rigging	Contractor	Construction	
Stanley Security Solutions	Various Mine Sites	Contractor	Maintenance
Stewart & Stewart Industrial Electric	Various Locations	Contractor	

Stewart Brothers Drilling	Various Mine Sites	Contractor	Exploration Drilling
Sturgeon Electric	Various Mine Sites	Contractor	Maintenance
Sundt Corporation, Inc.	Various Mine Sites	Contractor	Construction
Sustainable Contracting Group, Inc.	Hayden	Contractor	Construction
Switchgear Solutions Inc.	Contractor	Maintenance	
TB Contractors, Inc.	BHP Copper - Superior Mine	Contractor	Construction
The Industrial Company aka TIC	Various Mine Sites	Contractor	Maintenance
Thomason's Welding	Various Sites	Contractor	Welding
Thyssenkrupp Bobins, Inc	Various Mines	Contractor	Elevator Maintenance
Triad Lubrication LLC.	Various Mine Locations	Contractor	Maintenance
Vance International, Inc.	Various Locations	Contractor	
Versa-Tech Coatings, LLC	Various Locations	Contractor	
Vezer's Precision Industrial Constructors International	Various Mine Sites	Contractor	Maintenance
VIP International	Various Mine Sites	Contractor	Maintenance
Volts DC Automation LLC	Various Mine Sites	Contractor	Mechanical Services
Vroom Engineering & Mfg	Various Mine Sites	Contractor	Maintenance
Weatherguard Metal Construction, Inc	ASARCO Hayden Operations	Contractor	
Western Explosives Systems (WESCO), Inc.	Various Mine Sites	Contractor	Drilling & Blasting
Western Industrial Mechanical	Various Mine Sites	Contractor	Maintenance
Western States Drilling and Blasting, Inc.	Various Mine Sites	Contractor	Drilling & Blasting
Western Technologies	Various Mine Sites	Contractor	
WW Williams / AKA Williams Detroit Diesel-Allison	Various Southern AZ Mine Sites	Contractor	Maintenance
Yellow Jacket Drilling	Various Mine Sites	Contractor	

Education and Training

The Education and Training department of the Arizona State Mine Inspector provides the mandatory federal mine safety training classes to the Arizona mining community. Requests for this safety training from Arizona's mine operators, contractors and workers is in great demand. Federal MSHA (Mine Safety and Health Administration) guidelines require that all miners under MSHA jurisdiction must have initial and yearly safety training classes. This includes all mine employees, contractors, vendors or individuals who enter a mine property on a scheduled or consistent basis; all of which are designated as MINERS. All of these individuals must have mandatory MSHA training. Mine properties under MSHA jurisdiction include all surface and underground coal, metal or non-metal mines such as gold, silver, copper, and uranium mines. Aggregate mines include sand and gravel, limestone, flagstone, decorative rock and cinder. By law, thousands of Arizona and other United States miners must be trained and retrained yearly. Without this training, mines could not operate!

In 2010 the Arizona State Mine Inspector's training staff had the ability to provide this training to the Arizona mining community because of federal MSHA grants, State

allocations and with the implementation of nominal fees. On January 1st, 2010 the Arizona State Mine Inspector (ASMI) Education and Training department implemented an approved “Class Enrollment Fee Program” to give the department the continuing ability of assisting the mining community in a professional and consistent manner. Federal MSHA and State Legislative approvals were given to ASMI to initiate the fee program. The Arizona State Mine Inspector Office was given authority with the Forty-ninth legislative, first regular session, and chapter 63 Senate bills 1256. Title 27, chapter 1, article 2, Arizona revised statutes is amended by adding section 27-123, to read:

A. The State Mine Inspector may adopt and collect education and training fees for the purpose of training miners in the state.

B. The State Mine Inspector shall credit monies received for education and training purposes to the federal education and training fund, designated as the Arizona State Mine Inspector’s account, to be used according to the Federal state grant rules, as appropriated.

These grants, allocations and fees gave the department the ability to staff and to travel throughout Arizona with updated materials and equipment to provide quality training. It is recorded that on average, the department trains 6,000 miners yearly. The trainers issue out certificates for CFR Parts 48 and 46: Annual Refresher (AR) Surface Coal, Metal or Non-Metal, AR Underground – all 8 hour class. New Miner Inexperienced (NMI) Surface Coal, Metal or Non-Metal - 16 hour class (2 days) and FA/CPR/BBP - 6 to 8 hour class. These classes are also conducted in Spanish.

Subject matter covered in these classes include: The Federal Mine Safety and Health Act – 1977. Code of Federal Regulation CFR Title 30: Parts - 46, 47, 48, 50, 56, 57, 62 and 70. The Mining Code of the State of Arizona which contains the Arizona Revised Statutes, Rules & Regulations. Other topics covered include: Mandatory Health & Safety Standards - Statutory Rights and Responsibilities of Miners - Authority & Responsibility of Supervisors & Miners Representatives - Drug & Alcohol Free Workplace Issues & Programs - Transportation and Communication Controls - Noise and Respiratory Health Standards - Mine Hazard Recognition - Prevention of Accidents - Ground Control Issues – Fall of Ground – Explosives - Electrical Hazards – Lock Out Tag Out - Hazard Communication – The Miners Right to Know - MSDS (Chemical Hazards) - Emergency and Escape Procedures – Fire Prevention - Underground Hazards and Issues – Mine Gases – Basic First Aid, CPR, BBP, AED, Shock, Control of Bleeding, & Body Injuries - Abandoned Mines Safety Awareness.

Students completing safety training in 2010

Miners, Contractors, Others.....	3,670
First Aid / CPR / BBP.....	331
Total Participants Trained.....	4,103

Total Certificates Issued..... 4,565
(Some participants received multiple certifications CFR Part 48 & 46)

In 2011 the ASMI Training department received federal approval of their revised Part 48 Training Plan. Contents of the plan gave the training staff the ability to conduct separate and more concise 8 hour (1) day Annual Refresher and 24 hour (3) day New Miner Inexperienced sessions. Also in 2011 requests for training has not decreased and there is continued appreciation from mine operators and others of the quality and consistency of the training. Providing this service allows some miners the needed training to continue working and others a step into the door of a potential mining job. The Arizona State Mine Inspector's E&T Department is dedicated to quality and professional training. Its staff's priority is to relay and remind in an honest, understanding and forceful manner to all miners of our greatest responsibility. That greatest responsibility is the goal of beginning and completing a good safe day of work, then returning home to your family and friends.

Abandoned Mines Inventory and Remediation

The abandoned mine program responsibilities are to inventory abandoned mine sites throughout the 72, 931,840 acres that comprise the state of Arizona and to coordinate the closure of these mines. There have been 9,901 inventoried and 3,725 evaluated to date. This inventory and evaluation is critical, since abandoned mines may pose a serious threat to public's health and safety. While many sites are shallow prospects, others have dangerous shafts and tunnels. During fiscal year 2010 ASMI inventoried and evaluated 270 mine features; 19 of which were permanently backfilled; 94 were fenced and signed and; 7 foamed. 106 Notice of Violations were issued; 40 Corrective Actions have been submitted to ASMI; ASMI has received no response on the remaining 66 Notice of Violations which were issued to private land owners or mining claims.

Complaints are investigated as soon as possible following their receipt. If the mine is in an area previously inventoried the file is consulted to determine the conditions. A field crew is then detached to investigate the site, making a photographic record of the site and detailing the conditions found. The State Land Department, Bureau of Land Management and county is contacted for determination of the owner or claimant. A Notice of Violation is issued informing the owner of his legal responsibilities under the law. The owner must respond with corrective actions or plans within 60 days of notification. In the rare case of the owner not responding, the matter may be turned over to the county prosecutor for further follow-up. Ownership or responsibility for abandoned mines is difficult or impossible to determine in some instances. When no responsible party can be found, the state must take responsibility for mine closure.

Abandoned Mine Accidents

During fiscal year 2010 no serious accidents or fatalities were reported.

Mined Land Reclamation

Arizona's Mined Land Reclamation Act and Rules requires all metalliferous mines with five or more acres of disturbance on private land to submit reclamation plans and financial assurance mechanisms to the State Mine Inspector for review and approval. Recently all aggregate mines, on private land, were required to submit annual reports along with financial assurance mechanism confirmation for approximately 200 aggregate mine sites with approved plans. Statistics are currently being compiled from the annual reports for future reporting with regards to the aggregate mined lands. The annual status updates (received in 2010), reported an approximate total of zero acres of mined lands were reclaimed for 2010, and 327 acres of new disturbance were reported during this yearly reporting period. According to the reportable mine sites for the metalliferous (hard rock) mining industry, the Arizona State Mine Inspector estimates approximately 76,517 acres have been disturbed through all reportable years, with an approximate estimate of 4578 acres of private mined lands having been reclaimed.

Company	Mine Site	Acres Reclaimed	Acres Disturbed
Addwest Minerals	Gold Road	0	0
ASARCO	Hayden	0	9
ASARCO	Mission	0	3
ASARCO	Ray	0	72
ASARCO	Santa Cruz	0	0
Silver Bell LLC (Asarco)	Silver Bell	0	75
BHP Billiton	Miami Unit	0	0
BHP Billiton	Pinto Valley	0	0
BHP Billiton	San Manuel	0	0
Resolution Copper (BHP)	Superior	0	0
Merrill Mining (BHP Copper)	Florence	0	0
BHP Copper	McCabe	----	----
Carlota Copper Co.	Carlota	0	0
Mercator Mineral Park, Inc.	Mineral Park	0	17
Nord Resources	Johnson Camp	----	--
Freeport-McMoRan Mining	Ajo mine	----	----
Freeport-McMoRan Mining	Bagdad	0	47
Freeport-McMoRan Mining	Miami	0	0
Freeport-McMoRan Mining	Morenci	0	78
Freeport-McMoRan Mining	Sierrita	0	26

Freeport-McMoRan Mining	Twin Buttes	0	0
Freeport-McMoRan Mining	Safford	0	0
Total		0	327