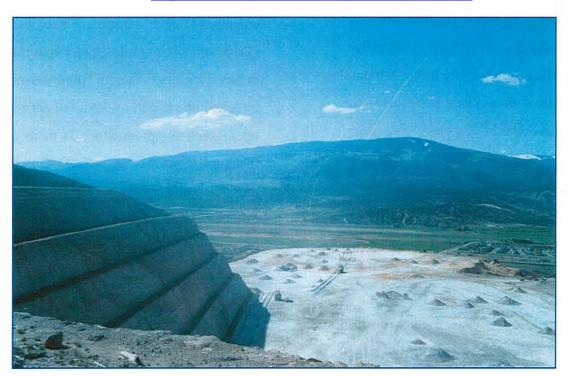


Information Series 68

Directory of Active and Permitted Mines in Colorado - 2002

Compiled by James R. Guilinger and John W. Keller

DOI: https://doi.org/10.58783/cgs.is68.gtnn2577



Eagle-Gypsum Mine, Eagle County

Colorado Geological Survey Denver, Colorado 2004

Colorado Geological Survey Information Series 68

Introduction

This directory lists the operating mines in the state of Colorado as well as mines that have valid, active permits from the Colorado Division of Minerals and Geology (DMG) but operate only sporadically or were otherwise shut-in at the time of this investigation. The information was derived from the DMG and by communication with individual mine operators and permit holders. The directory is current as of late November 2002. This Adobe® PDF file contains a text listing of the active mines and mine permits in the state, both private and governmentoperated, arranged by county. The Microsoft® Access file "Active Mines and Mine Permits 2002 database.mdb" contains the information in the form of a searchable database. A Microsoft® Excel file that matches the Access database table is also provided. The Adobe® PDF file "Map Active Permitted Mines CO-2002.pdf" is a cartographic-quality, printable map of the active mines and mine permit locations in Colorado. Numbers associated with mine locations on the map correspond to the number located in the upper left corner of each mine listing in the text of the directory. A GIS shapefile was created from the

database using ESRI® ArcView software. The shapefiles are also included on this CD.

As a starting point for this directory, the DMG database of permitted mines and quarries was downloaded from the internet at http://mining.state.co.us/operatordb/. The database was then manipulated to show only mines that hold what the DMG considers "active" permits. None of the mines listed by the DMG as having permits under "temporary cessation" are shown in this directory. "Active" mine permit holders were contacted by telephone to determine if the permitted mine is, in fact, operational and producing. In many cases, it was determined that a mine with an "active" DMG permit is actually not producing and closed, with no plans for future mineral production (for example, coal mines undergoing final reclamation). These permanently closed mines are not listed in this directory. Some non-producing mines are described in the Comments field in this directory as being "shut-in" if they are not presently operating but will possibly restart operations at some time in the future. Additional information was also requested from each operator contacted, such as estimated annual mine production (listed in tons unless otherwise noted), and any comments on the operation that the permittee was

willing to share with the public. In the few cases where mine permit holders were not contacted by telephone, permit files of the mines were examined in the offices of the DMG.

Basic geologic information is included with each mine listed in the directory. This information was gained by plotting the location of the mine as listed in the DMG permit records on the geologic map of Colorado (Tweto, 1979). In some cases, the geologic information was modified because more detailed information was provided by the permittee when contacted by telephone, or because of specific knowledge of the mineral deposits by the authors of this report. Other information in this directory that was not noted in previous editions includes the DMG permit ID number, the name of the 7.5-minute topographic quadrangle on which the mine is located, and any secondary commodities present at the mine. Also new in this directory is a listing of all government-owned mining operations, the majority of which are county sand and gravel or borrow pits. Mines operated by government entities are listed separately at the end of the directory (corresponding to the higher numbers on the map).

The map (Active and Permitted Mines Map_2002.pdf) accompanying the directory was produced using GIS methods. Township, range, and section information for each mine was gathered from the DMG database and converted to latitude-longitude format using a converter program. The mine locations could then be plotted on the base map using ArcView® GIS software. A county-by-county check was run to ensure that the data plotted as accurately as possible.

No software is provided on this CD. However, free and updated versions of Adobe Acrobat Reader (for pdf file access) and ArcExplorer (for GIS shapefile viewing) can be found at the following internet sites:

http://www.adobe.com/products/acrobat/readermain.html
http://www.esri.com/software/arcexplorer/

This directory is a best faith effort by the Colorado Geological Survey to provide an accurate directory of active and permitted mines in the state based on permit information and interviews with operators. If we have made an error of either omission or submission, we apologize to those affected. We welcome any corrections that you may wish to offer. You may call the Colorado Geological Survey at (303) 866-2611 and speak with

someone in the Minerals and Mineral Fuels Section regarding a correction.

Corrections can also be mailed to:

Colorado Geological Survey Minerals and Mineral Fuel Section 1313 Sherman Street, Room 715 Denver, CO 80203

For further information on Colorado geology and the Colorado Geological Survey, please visit our web site at:

https://coloradogeologicalsurvey.org/

Acknowledgements

We would like to thank the many mine operators and permit holders who generously contributed information about their mines for this directory. Special thanks is also given to Gina Guilinger who plotted mine locations on the geologic map of Colorado. Bruce Humphries and Dan Hernandez of the Colorado Division of Minerals and Geology (DMG) performed reviews of the map and text which improved the quality and the accuracy of the directory. The DMG, through their mine permit database that is available to the public on the internet, provided much of the information regarding mine permit locations, status, and operator contact information that is presented in this directory.

References

- Carroll, C.J., and Widmann, B.L., 2000, Colorado coal directory 2000, Colorado Geological Survey Information Series 55, 79 p.
- Colorado Division of Minerals and Geology, operator.mdb,
 Microsoft® Access database of mine permits in Colorado,
 downloaded November 19, 2002 from internet site
 http://mining.state.co.us/operatordb/.
- Keller, J.W., Cappa, J.A., Carroll, C.J., and Scott, P.K., 2002, Colorado mineral and mineral fuel activity - 2002, Colorado Geological Survey Information Series 67, 42 p.
- Tweto, Ogden, 1979, Geologic map of Colorado: U.S. Geological Survey in cooperation with the Colorado Geological Survey, scale 1:500,000.

NOTE: production information listed in this directory is given in tons, unless otherwise noted.

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16001 E 104th Pit County: Adams S R 66 W Section: 8 Qtr Sec: S Topo Map: Brighton Primary Product: Sand and gravel Permit ID: M1983051 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Buffalo Run Mesa, LLC Address: 222 Milwaukee St. # 209 CO Denver 80206-0000 William Contact: Klaess Telephone: (303) 355-7706 Formation Name: Alluvium Geologic Age: Ouaternary County: Adams Borrow Area A - Cat Section: 6 Qtr Sec: SE S R 66 W Topo Map: Brighton Primary Product: Borrow rock Permit ID: M2000136 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 60,000 Comments: Mining is job specific Operator: Ames Construction, Inc. Address: 18450 E. 28th Ave. CO Aurora 80011-0000 Contact: Isenberger Ken Telephone: (303) 363-1000 Formation Name: Eolian sand Geologic Age: Ouaternary County: Adams Bromley Lakes S R 67 Section: 13 Qtr Sec: N Topo Map: Brighton Primary Product: Sand and gravel Permit ID: M1987049 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 600,000 Comments: Operator: Ready Mixed Concrete Company Address: Ready Mixed Aggregates, Inc. 80641-0000 Brighton CO Contact: Bill Timmons Telephone: (303) 659-0630

Geologic Age: Ouaternary

County: Adams Bennett Sand & Gravel Pit #2 S R 63 W Section: 2 Qtr Sec: SE T 2 Topo Map: Bennett Primary Product: Sand Permit ID: M2001038 2nd Product: Borrow rock Commodity Type: Aggregate Mine Type: Surface 3rd Product: Estimated Annual Production: 81,000 Comments: Operator: David A. Lincoln Address: 5500 E. 56th Ave. Commerce City CO 80022-0000 Contact: Lincoln David Telephone: (303) 644-3030 Formation Name: Gravel Geologic Age: Quaternary County: Adams **Brighton Mine** w S R 67 Section: 23 Qtr Sec: S Topo Map: Brighton Primary Product: Sand and gravel Permit ID: M1977436 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 750,000 Comments: Operator: Aggregate Industries - WCR, Inc. Address: 3605 S. Teller St. 80235-0000 Lakewood CO Mike Contact: Refer Telephone: (303) 985-1070 Formation Name: Alluvium Geologic Age: Quaternary Cooley Reservoir & Fulton Wildlife A County: Adams W Section: 17 Qtr Sec: NE Topo Map: Eastlake Primary Product: Sand and gravel Permit ID: M1999034 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 2,000,000 Comments: Operator: Aggregate Industries - WCR, Inc. Address: 3605 S. Teller St. Lakewood CO 80235-0000 Contact: Refer Mike Telephone: (303) 985-1070 Formation Name: Alluvium Geologic Age: Ouaternary

Formation Name: Gravel

County: Adams **Dunes Pit** T 2 S R 67 W Section: 2 Qtr Sec: N Topo Map: Brighton Permit ID: M1999093 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: New mine Operator: Dunes Investment Partners, LLC Address: 7108-M S. Alton Wy. 80112-0000 Englewood CO Contact: Jim Telephone: (303) 793-0220 Marshall Formation Name: Gravel Geologic Age: Quaternary County: Adams Howe Pit | S | R | 67 | W T 2 Section: 9 Otr Sec: Topo Map: Eastlake Primary Product: Sand and gravel Permit ID: M1978052 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year Comments: Owned by Lafarge Operator: Mobile Premix, Inc. Address: 1590 W. 12th Ave. CO 80204-0000 Denver Eric Telephone: (303) 657-4330 Contact: Reckentine Formation Name: Alluvium Geologic Age: Ouaternary County: Adams Lowell Pit S R 68 W Section: 7 Qtr Sec: SE Topo Map: Arvada Primary Product: Sand and gravel Permit ID: M1983107 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year Comments: Owned by Lafarge Operator: Mobile Premix Concrete, Inc. Address: 1590 W. 12th Ave. Denver CO 80204-0000 Contact: Eric Telephone: (303) 657-4330 Reckentine

Geologic Age: Quaternary

County: Adams Erger's Pond Pit T 1 S R 67 W Section: 12 Qtr Sec: S Topo Map: Brighton Primary Product: Sand and gravel Permit ID: M1998036 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Ready Mixed Concrete Company Aggregates Division Address: 14585 Old Brighton Rd. 80641-0000 Brighton CO Telephone: (303) 659-0630 Contact: Timmons Bill Formation Name: Alluvium Geologic Age: Quaternary County: Adams 10 Kreitzer Farm Pit T 2 S R 65 W Section: 4 Qtr Sec: N Topo Map: Mile High Lakes Primary Product: Borrow rock Permit ID: M2001121 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Recently mined out Comments: Shut-in Operator: Interstate Highway Construction, Inc. Address: 7135 S. Tucson Wy 80112-0000 Englewood CO Contact: Ham Telephone: (303) 790-9100 Larry Formation Name: Alluvium Geologic Age: Quaternary County: Adams Mitchell Pit S R 63 W Section: 34 Qtr Sec: NE T 3 Topo Map: Bennett Primary Product: Sand and gravel Permit ID: M1987023 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Comments: Operator: Ricky W Mitchell Address: P.O. Box 10 Bennett CO 80102-0000 Contact: Mitchell Ricky Telephone: (303) 644-4102 Formation Name: Alluvium Geologic Age: Ouaternary

Formation Name: Alluvium

Mitchell Pit #2 County: Adams **Nyholt Pit** County: Adams 13 14 T 3 S R 63 W S R 67 W Topo Map: Strasburg NW Section: 34 Qtr Sec: NE Section: 34 Qtr Sec: NE Topo Map: Brighton Permit ID: M1990131 Primary Product: Gravel Primary Product: Sand and gravel Permit ID: M1982147 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year Comments: Comments: Owned by Lafarge Operator: Ricky W. Mitchell Operator: Mobile Premix Concrete, Inc. Address: P.O. Box 10 Address: 1590 W. 12th Ave. Bennett CO 80102-0000 Denver CO 80204-0000 Mitchell Ricky Contact: Telephone: (303) 644-4102 Contact: Reckentine Eric Telephone: (303) 657-4330 Formation Name: Alluvium Geologic Age: Ouaternary Formation Name: Alluvium Geologic Age: Ouaternary County: Adams Pit 29 Platval Pit County: Adams 15 16 S R 67 W Section: 35 Qtr Sec: NE S R 67 W Topo Map: Brighton Section: 8 Qtr Sec: SE Topo Map: Eastlake Primary Product: Sand and gravel Permit ID: M1980183 Primary Product: Sand and gravel Permit ID: M1974018 2nd Product: Commodity Type: Aggregate Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Estimated Annual Production: 475,000 Comments: Comments: Operator: Brannan Sand & Gravel Company Operator: Platte Valley Sand & Gravel Address: 4800 Brighton Blvd. Address: 6507 E. 104th Ave. Denver CO 80216-0000 Denver CO 80233-0000 Fred Telephone: (303) 452-8214 Contact: Marvel Telephone: (303) 534-1231 Contact: Miriam Bromley Formation Name: Gravel Geologic Age: Ouaternary Formation Name: Alluvium Geologic Age: Ouaternary Ready Mixed Pit No 1 County: Adams Road Runner Rest County: Adams T 1 S R 67 W Section: 14 Qtr Sec: Topo Map: Brighton S | R | 67 Section: 3 Qtr Sec: N Topo Map: Eastlake Primary Product: Sand and gravel Permit ID: M1985017 Primary Product: Sand and gravel Permit ID: M1979195 2nd Product: 2nd Product: Commodity Type: Aggregate Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: 550,000 Comments: Shut-in Comments: Operator: Suburban Sand & Gravel Co. Operator: Ready Mixed Concrete Company Address: 5400 Fenton St. Address: 14585 Old Brighton Rd. 80002-0000 80641-0000 Arvada CO Brighton CO Bill Timmons Contact: Craft Dean Telephone: (303) 421-0720 Contact: Telephone: (303) 659-0630 Formation Name: Alluvium Geologic Age: Ouaternary Formation Name: Alluvium Geologic Age: Ouaternary

County: Adams County: Adams Speer Mining Resource Sand Creek Mine T 3 S R 61 W Section: 3 Qtr Sec: Topo Map: Leader SW S R 67 W Section: 34 Qtr Sec: S Topo Map: Eastlake Permit ID: M1992038 Primary Product: Sand Primary Product: Sand and gravel Permit ID: M1983176 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Estimated Annual Production: 250,000 Comments: Comments: Operator: Sand Creek Farms, Inc. Operator: Asphalt Specialties Co., Inc. P.O. Box 404 Address: 7321 E 88th Ave. Ste. 100 Address: Henderson 80640-0000 Byers CO 80103-0000 Contact: Pipkin Wavne Telephone: (303) 622-9491 Contact: Lairds Robert Telephone: (303) 289-8555 Formation Name: Alluvium Geologic Age: Quaternary Formation Name: Alluvium Geologic Age: Quaternary County: Adams County: Adams Stagecoach Pit Tanabe Pit T 1 S R 67 W Section: 35 Qtr Sec: N S R 67 Section: 10 Qtr Sec: N Topo Map: Brighton Topo Map: Eastlake Primary Product: Sand and gravel Primary Product: Sand and gravel Permit ID: M1983067 Permit ID: M2000002 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year Comments: Owned by Lafarge Comments: Owned by Lafarge Operator: Mobile Premix Concrete, Inc. Operator: Mobile Premix Concrete, Inc. Address: 1590 W.12th Ave. Address: 1590 W. 12th Ave. Denver CO 80204-0000 Denver CO 80204-0000 John Contact: Hickman Telephone: (303) 657-4336 Contact: Hickman John Telephone: (303) 657-4330 Formation Name: Alluvium Geologic Age: Ouaternary Formation Name: Gravel Geologic Age: Quaternary Tani Pit County: Adams County: Adams Thornburg Pit IS IR 167 IW Section: 26 Qtr Sec: NE S R 63 W Topo Map: Brighton Section: 24 Qtr Sec: S Topo Map: Bennett Primary Product: Sand and gravel Permit ID: M1981163 Primary Product: Sand and gravel Permit ID: M1983060 Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year Estimated Annual Production: Not disclosed Comments: Owned by Lafarge Comments: Operator: Thornburg Family Limited Partnership Operator: Mobile Premix Concrete, Inc. Address: 1590 W. 12th Ave. Address: 50747 E. 38th Ave. CO Bennett CO 80102-0000 Denver 80204-0000 Contact: Eric Telephone: (303) 657-4330 Contact: Stanley Telephone: (303) 644-3424 Reckentine Thornburg Geologic Age: Quaternary Geologic Age: Quaternary Formation Name: Alluvium Formation Name: Alluvium

Tucson Resource Mine County: Adams West Bijou Creek Pit T 3 S R 61 W T 1 S R 67 W Section: 1 Qtr Sec: NE Section: 32 Qtr Sec: SE Topo Map: Byers Topo Map: Brighton Primary Product: Sand and gravel Permit ID: M1991140 Primary Product: Sand and gravel Permit ID: M1981005 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: 3rd Product: Mine Type: Surface Mine Type: Surface Estimated Annual Production: 1,000,000 Estimated Annual Production: None reported in 2002 Comments: Comments: Shut-in Operator: Aggregate Industries - WCR, Inc. Operator: Schmitt's Reddi Mix Address: 3605 S. Teller St. Address: 58801 E, Hwy, 36 80235-0000 Lakewood CO Strasburg CO 80136-0000 Contact: Refer Mike Telephone: (303) 716-5312 Telephone: (303) 622-4827 Contact: Schmitt Joseph Formation Name: Alluvium Geologic Age: Ouaternary Formation Name: Alluvium Geologic Age: Quaternary County: Adams Worthing Pit Wildlife Pit II 28 S R 68 W T 1 S R 67 W Section: 1 Qtr Sec: N Topo Map: Commerce City Section: 26 Qtr Sec: N Topo Map: Brighton Primary Product: Borrow rock Permit ID: M1999049 Primary Product: Sand and gravel Permit ID: M1977526 Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Estimated Annual Production: 625.000 Comments: Comments: Operator: Lawrence Construction Company, Inc. Operator: Albert Frei & Sons, Inc. 9002 N. Moore Rd. Address: Address: 11521 Brighton Rd. Littleton CO 80125-0000 Henderson 80640-0000 CO Bill Telephone: (303) 289-1837 Contact: Lawrence Telephone: (303) 791-5642 Contact: Frei Albert Formation Name: Alluvium Formation Name: Alluvium Geologic Age: Ouaternary Geologic Age: Ouaternary County: Adams York Street Mine Alamosa Pit No. 2 30 T 3 | S | R 68 | W Section: 1 Qtr Sec: NE Topo Map: Commerce City T 38 N R 10 E Section: 36 Qtr Sec: SE Topo Map: Alamosa East Primary Product: Gravel Permit ID: M1990031 Primary Product: Sand and gravel Permit ID: M1983175 2nd Product: 2nd Product: Commodity Type: Aggregate Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: 25,000 Comments: Future mining Comments: Operator: Southwest Ready-Mix, Inc. Operator: Cat Construction, Inc. Address: 117 White Pine Dr. Address: P.O. Box 257 80036-0000 CO 81101-0000 Westminster CO Alamosa Jim Kris Telephone: (719) 589-5103 Contact: Felix Telephone: (303) 428-9038 Contact: DeGolver Formation Name: Surficial deposits Geologic Age: Ouaternary-Tertiary Formation Name: Alluvium Geologic Age: Ouaternary

County: Adams

County: Adams

County: Alamosa

County: Alamosa County: Alamosa 32 **Butcher Pit** 31 **Bachus Pit** T 37 N R 10 E T 37 N R 10 E Section: 18 Qtr Sec: S Topo Map: Alamosa West Topo Map: Alamosa West Section: 8 Qtr Sec: N Primary Product: Borrow rock Permit ID: M1995034 Primary Product: Sand Permit ID: M1995060 Commodity Type: Aggregate 2nd Product: 2nd Product: Sand Commodity Type: Aggregate Mine Type: Surface 3rd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Estimated Annual Production: 2,500 Comments: Comments: Operator: Southway Construction Company, Inc. Operator: Daniel M Russell Address: 117 White Pine Dr. Address: 9042 S. 106 Rd. Alamosa CO 81101-0000 Alamosa CO 81101-0000 Russell Daniel₁ Telephone: (719) 589-3004 Kris Contact: Contact: DeGolver Telephone: (719) 589-5103 Formation Name: Surficial deposits Geologic Age: Quaternary-Tertiary Formation Name: Surficial deposits Geologic Age: Ouaternary-Tertiary County: Alamosa County: Alamosa King Pit 34 Peat Mine T 28 S R 73 W T 37 N R 12 Section: 31 Qtr Sec: N Topo Map: Twin Peaks Section: 17 Qtr Sec: N Topo Map: Baldy Primary Product: Sand and gravel Permit ID: M1987012 Primary Product: Peat Permit ID: M1994081 2nd Product: 2nd Product: Commodity Type: Aggregate Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 12.500 Estimated Annual Production: 49 Comments: Comments: Operator: Southway Construction Company, Inc. Operator: Ronald L Barrier Address: 117 White Pine Dr. Address: P.O. Box 3 Alamosa CO 81101-0000 Alamosa CO 81101-0000 Contact: Kris Contact: DeGolyer Telephone: (719) 589-5103 Barrior Ronald Telephone: (719) 589-6994 Formation Name: Surficial deposits Geologic Age: Ouaternary-Tertiary Formation Name: Surficial deposits Geologic Age: Quaternary-Tertiary County: Arapahoe Cherry Creek Pit County: Arapahoe Adrian Pit S R 62 W S R 67 W Section: 6 Qtr Sec: N Section: 28 Qtr Sec: SE Topo Map: Strasburg Topo Map: Englewood Primary Product: Borrow rock Permit ID: M2002051 Primary Product: Sand and gravel Permit ID: M1977013 Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Estimated Annual Production: Intermittent production Comments: Comments: Operator: T & W Construction Operator: Denver Campus for Jewish Education and Los Verdes III, L.L.C Address: 9200 E. Iliff Ave. Address: P.O. Box 404 **Byers** CO 80103-0000 Denver CO 80231-0000 Stacey Contact: Pitkin Wayne Telephone: (303) 622-9491 Contact: Hart Telephone: (303) 755-0711 Geologic Age: Quaternary Formation Name: Alluvium Formation Name: Alluvium Geologic Age: Ouaternary

Clark Pit County: Arapahoe 37 T 5 S R 69 W Section: 36 Qtr Sec: Topo Map: Littleton Primary Product: Granite Permit ID: M1974022 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 600,000 Comments: Operator: Peter Kiewit & Sons Company Address: 7926 S. Platte Canvon Rd. Littleton CO 80123-0000 Contact: Collins Telephone: (303) 979-9330 Tony Formation Name: Gravel Geologic Age: Ouaternary County: Arapahoe Deer Trail Pit | S | R | 60 | W | Section: 24 Qtr Sec: S Topo Map: Deer Trail Primary Product: Sand and gravel Permit ID: M1988090 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Comments: Operator: TWK Enterprizes Inc Address: P.O. Box 404 CO 80103-0000 Byers Telephone: (303) 622-9491 Contact: Wayne Pipkin Formation Name: Alluvium Geologic Age: Ouaternary Superior S & G Pit County: Arapahoe 41 S R 66 Section: 11 Qtr Sec: NE Topo Map: Coal Creek Permit ID: M1979189 Primary Product: Sand and gravel Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Comments: Operator: Superior S&G c/o Rio Grande Co Address: 201 Santa Fe Dr. Denver CO 80223-0000 Contact: Brent Telephone: (303) 825-2211 Broekemeier

Geologic Age: Quaternary

County: Arapahoe Coal Creek Resources 38 S R 65 W T 5 Section: 24 Qtr Sec: SE Topo Map: Watkins SE Primary Product: Sand Permit ID: M1988044 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 300,000 Comments: Operator: Schmidt Construction Company Address: 2635 Delta Dr. Colorado Spring CO 80910-0000 Telephone: (719) 392-4207 Contact: Scott Davis Formation Name: Alluvium Geologic Age: Ouaternary County: Arapahoe Pioneer Farm T 4 S R 64 W Section: 34 Qtr Sec: Topo Map: Watkins Permit ID: M2000080 Primary Product: Sand 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 30,000 Comments: Operator: Pioneer Sand Company, Inc. Address: 5000 Northpark Dr. Colorado Spring CO 80933-0000 Telephone: (303) 340-1440 Contact: Joe Kraig Geologic Age: Ouaternary Formation Name: Alluvium County: Archuleta 42 **Arrington Pit** T 35 N R W Topo Map: Jackson Mountain Section: 7 Qtr Sec: SE Permit ID: M1997049 Primary Product: Sand 2nd Product: Gravel Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 51,000 Comments: Pit mined in association with Pagosa Valley gravel pit Operator: Pagosa Valley Gravel Products Address: 37801 Hwy. 160 Bayfield CO 81122-0000 Carl Telephone: (970) 884-2509 Contact: Strohecker

Geologic Age: Ouaternary

Formation Name: Alluvium

Formation Name: Alluvium

Canvon Sand & Gravel 43

Section: 29 Qtr Sec: SE

T 35 N R 3 W Primary Product: Sand and gravel

Topo Map: Chris Mountain Permit ID: M1988057

County: Archuleta

2nd Product:

Commodity Type: Aggregate

3rd Product:

Mine Type: Surface

Estimated Annual Production: 26,000

Comments:

Operator: Canvon Sand & Gravel

Address: P.O. Box 4362

Pagosa Springs CO 81157-0000

Scott Contact:

Robert Telephone: (970) 731-4707

Formation Name: Alluvium

Geologic Age: Quaternary

Chromo Valley Ranch Pond 4

County: Archuleta

T 32 N R 1 E Primary Product: Sand and gravel

Section: 2 Otr Sec: S Topo Map: Chromo

Permit ID: M1998076

2nd Product:

Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: 52,000

Comments:

Operator: Donald H. English Address: P.O. Box 2159

> 81147-0000 Pagosa Springs CO

Contact: English Donald Telephone: (970) 264-4574

Formation Name: Alluvium Geologic Age: Quaternary

Drennan Gravel Pit

County: Archuleta

T 34 N R 5 W Primary Product: Sand and gravel

Section: 12 Qtr Sec: SE

Topo Map: Chimney Rock Permit ID: M2000013

2nd Product:

Commodity Type: Aggregate

Mine Type: Surface 3rd Product:

Estimated Annual Production: None reported in 2002

Comments: Shut-in

Operator: Commercial Rock Products, Inc.

Address: P.O. Box 99

Chimney Rock CO 81127-0000

Ron

Contact:

Hitti

Telephone: (970) 731-5663

Formation Name: Alluvium

Geologic Age: Ouaternary

Chavez Pit-Carracus

W

Section: 18 Qtr Sec: SE Topo Map: Pagosa Junction

Primary Product: Sand and gravel

Permit ID: M1978128

County: Archuleta

2nd Product:

T 32 N R 3

Commodity Type: Aggregate

3rd Product:

Mine Type: Surface

Estimated Annual Production: None reported in 2002

Comments: Shut-in Operator: Chris L. Chavez Address: P.O. Box 517

> Pagosa Springs CO 81147-0000

Contact: Chavez Chris Telephone: (970) 264-2916

Formation Name: Alluvium

County: Archileta

Geologic Age: Ouaternary

T 32 N R 6 w

Section: 24 Qtr Sec: SE

Topo Map: Allison Permit ID: M1990089

Primary Product: Gravel 2nd Product:

Commodity Type: Aggregate

3rd Product:

Mine Type: Surface

Estimated Annual Production: None reported in 2002

Comments: Shut-in Operator: Patrick J Conley Address: P.O. Box 38730

08093-7000 Colorado Spring CO

Contact: Richard Conley

Conley Gravel Pit

Telephone: (970) 883-2623

Formation Name: Alluvium Geologic Age: Ouaternary

Fitzgerald Gravel Pit

County: Archuleta

T 32 N R 2 Ε Primary Product: Sand and gravel

Section: 9 Qtr Sec: NE Topo Map: Chama Peak Permit ID: M1995085

2nd Product:

Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: 45.500

Comments:

Contact:

Operator: JE Sutherland Construction

Address: P.O. Box 4464

Pagosa Springs CO 81157-0000 Jim

Sutherland

Telephone: (970) 731-5952

Formation Name: Alluvium

Geologic Age: Quaternary

County: Archuleta Halverson Gravel 49 T 34 N R 5 w Section: 12 Qtr Sec: Topo Map: Chimney Rock Primary Product: Sand and gravel Permit ID: M1985005 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Unknown Comments: In start up Operator: Commercial Rock Products Address: P.O. Box 99 Chimney Rock CO 81127-0000 Contact: Kristy Telephone: (970) 731-5663 Hitti Formation Name: Alluvium Geologic Age: Ouaternary County: Archuleta Pagosa Valley Gravel- Arrington Pit T 35 N R 1 |w| Section: 7 Qtr Sec: SE Topo Map: Jackson Mountain Primary Product: Sand and gravel Permit ID: M2000003 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: See Pagosa Valley Pit No's

Estimated Annual Production: See Pagosa Valley Pit No's

Comments: Mined in Conjunction with the Pagosa Valley Pit

Operator: Carl E. Strohecker dba Pagosa Valley Gravel Products

Address: 37801 Hwy. 160

Bayfield CO 81122-0000

Contact: Strohucker Carl Telephone: (970) 884-2509

Formation Name: Alluvium Geologic Age: Quaternary

53 Triangle One Pit

T 35 N R 2 W Section: 5 Qtr Sec: S Topo Map: Pagosa Springs
Primary Product: Sand and gravel Permit ID: M1980228
2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: None reported in 2002

Comments: Shut-in

Operator: Four Corners Materials, Inc. dba Pagosa Materials

Address: P.O. Box 2707

Durango CO 81302-0000

Contact: Potter Monte Telephone: (970) 247-2172

Formation Name: Derived from Dakota Sandstone Geologic Age: Cretaceous

50 Hill Ranch Pit

T 32 N R 1 W Section: 23 Qtr Sec: NE Topo Map: Edith

Primary Product: Sand and gravel Pe

Permit ID: M1996039

Geologic Age: Ouaternary

County: Archuleta

County: Archuleta

County: Archuleta

2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: None reported in 2002

Comments: Shut-in
Operator: Hill Ranch

Address: 3794 C Hwy, 67W

Glen Rose TX 76043-0000

Contact: Hill Bob Telephone: (817) 897-7881

Formation Name: Alluvium

52 Perkins Pit

W Section: 23 Qtr Sec: SE Topo Map: Oakbrush Hill

Primary Product: Sand and gravel Permit ID: M1980119
2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: None reported in 2002

Comments: Shut-in

T 34 N R 2

Operator: Pagosa Cattle Company

Address: 452 Pagosa St.

Pagosa Springs CO 81157-4490

Contact: Ford James Telephone: (970) 264-5000

Formation Name: Alluvium Geologic Age: Quaternary

54 Turkey Creek Pit No. 1

W Section: 14 Qtr Sec: SE Topo Map: Jackson Mountain

Primary Product: Sand and gravel Permit ID: M1988066

2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: Not disclosed

Comments:

T 36 N R 1

County: Archuleta

Operator: Turkey Creek Ranch

Address: 1000 Central Parkway N., Ste. 100

San Antonio TX 78232-0000

Contact: Brown Jack Telephone: (210) 822-6807

Formation Name: Alluvium Geologic Age: Quaternary

County: Archuleta 55 Weber Pit #3 T 36 N R 1 \mathbb{I}_{W} Section: 22 Qtr Sec: SE Topo Map: Jackson Mountain Primary Product: Sand and gravel Permit iD: M2001109 Commodity Type: Aggregate 2nd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: 70,000 Comments: Mined out within a year Operator: Nielsons Skanska Inc. Address: 22419 C.R. 'G' 1 Cortez CO 81321-0000 Craig Telephone: (970) 565-8000 Contact: Wickstrom Formation Name: Alluvium Geologic Age: Ouaternary Weber Sand & Gravel County: Archuleta Section: 5 Qtr Sec: SE T 35 N R 1 w Topo Map: Jackson Mountain Primary Product: Sand and gravel Permit ID: M1993006 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Comments: Operator: Weber Sand & Gravel, Inc. Address: 2980 E. Hwy. 160 Pagosa Springs CO 81147-9741 Contact: Weber Kathy or A Telephone: (970) 264-2647 Formation Name: Alluvium Geologic Age: Quaternary County: Bent Hasty Pit T 22 S R 50 W Section: 13 Qtr Sec: NE Topo Map: Lubers Primary Product: Sand and gravel Permit ID: M1996013 Commodity Type: Aggregate 2nd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: None reported in 2002 Comments: Future mining

Operator: Carder, Inc. Address: P.O. Box 721

> CO 81052-0000 Lamar

Contact: Peterson Ron Telephone: (719) 336-3479

Formation Name: Gravel Geologic Age: Ouaternary

Weber Pit No 2 56

T 35 N R I W Section: 5 Qtr Sec: N Topo Map: Jackson Mountain

Primary Product: Sand and gravel Permit ID: M1995056

County: Archuleta

2nd Product:

Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: 100,000

Comments:

Operator: Weber Sand & Gravel, Inc.

Address: 2980 E. Hwy. 160

Pagosa Springs CO 81147-9741

Contact: Weber Kathy or A Telephone: (970) 264-4568

Formation Name: Alluvium

Primary Product: Sand and gravel

Direzza Pit County: Rent

T 22 S R 53 W Section: 33 Qtr Sec:

Topo Map: Cornelia Permit ID: M1984028

Geologic Age: Quaternary

2nd Product:

Commodity Type: Aggregate Mine Type: Surface

3rd Product:

Estimated Annual Production: None reported in 2002

Comments: Shut-in Operator: Dave Direzza Address: 4815 Hwy 194

> 81054-9411 La Animas CO

Contact: DiRezza Dolores Telephone: (719) 456-2266

Formation Name: Alluvium Geologic Age: Quaternary

Martin Sand & Gravel

Section: 6 Qtr Sec: Topo Map: Cornelia

T 23 S R 52 W Primary Product: Sand and gravel

Permit ID: M1980153

County: Bent

2nd Product: 3rd Product:

Commodity Type: Aggregate Mine Type: Surface

Estimated Annual Production: None reported in 2002

Comments: Shut-in

Operator: Martin Sand & Gravel Address: 7056 Hwy. 194

> 81054-0000 Las Animas CO

Contact: Martin Telephone: (719) 456-1773 Linda or

Formation Name: Alluvium

Geologic Age: Ouaternary

Tamarack Pit County: Bent 61 T 23 S R 49 W Section: 1 Qtr Sec: Topo Map: Prowers Primary Product: Sand and gravel Permit ID: M2001066 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Future mining Operator: Carder, Inc. Address: P.O. Box 721 CO 81052-0000 Lamar Contact: Peterson Ron Telephone: (719) 336-3479 Formation Name: Alluvium Geologic Age: Ouaternary County: Boulder Barnard Ouarry N R 71 W Section: 1 Qtr Sec: Topo Map: Pinewood Lake Primary Product: Sandstone Permit ID: M1996079 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: N/A Comments: Operator: Barnard Ouarries Address: 245 Evans St. CO 80540-0000 Lyons Contact: Barnard Chester Telephone: (303) 823-6977 Formation Name: Lyons Sandstone Geologic Age: Triassic-Permian County: Boulder Beech Hill Quarries N R 70 W Section: 6 Qtr Sec: N Topo Map: Pinewood Lake Primary Product: Sandstone Permit ID: M1981277 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Comments: Operator: Loukonen Brothers Stone Address: 12993 N. Foothills Hwy. 80503-0000 Longmont CO Contact: Loukonen Leonard a Telephone: (303) 823-6268 Formation Name: Lyons Sandstone Geologic Age: Triassic-Permian

Thomeczek Pit County: Bent T 22 S R 52 W Section: 8 Qtr Sec: SE Topo Map: McIntosh Ranch Primary Product: Sand and gravel Permit ID: M1995007 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 150 Comments: Operator: Bent County Ready Mix Address: P.O. Box 387 81054-0000 Las Animas CO Telephone: (719) 456-1320 Contact: Thomeczek Joe Formation Name: Gravel Geologic Age: Quaternary BCI Quarry County: Boulder 64 N R 70 W Section: 6 Qtr Sec: NE Topo Map: Pinewood Lake T 3 Permit ID: M1999031 Primary Product: Sandstone 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: In start up Operator: BCI Landscape Contractors, Inc. Address: 4415 Eldridge St. Golden CO 80403-0000 Contact: Cowhey Kendra Telephone: (303) 279-4821 Formation Name: Lyons Sandstone Geologic Age: Triassic-Permian County: Boulder Boulder Valley Farms 66 W Section: 16 Qtr Sec: SE Topo Map: Erie Primary Product: Sand and gravel Permit ID: M1978126 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year Comments: Owned by Lafarge Operator: Western Mobile Boulder, Inc. Address: 1590 W 12th Avenue Denver CO 80221-0000 Contact: Reckentine Eric Telephone: (303) 657-4330 Formation Name: Alluvium Geologic Age: Ouaternary

County: Boulder 67 Hygiene Pit N R 70 W T 3 Section: 26 Qtr Sec: Topo Map: Hygiene Permit ID: M1976058 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: Estimated Annual Production: None reported in 2002 Comments: Operator: Golden Gravel Company Address: 2020 Terry St. Ste A CO 80501-0000 Longmont Contact: Golden Reggie Telephone: (303) 702-0708 Formation Name: Alluvium Geologic Age: Ouaternary County: Roulder Lykins Gulch т 2 N R 71 w Otr Sec: SE Topo Map: Lyons Section: 1 Permit ID: M2000090 Primary Product: Sand 2nd Product: Dolomite Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Comments: Operator: Loukonen Bros. Stone Address: 12993 N. Foothills Hwy. CO 80503-0000 Longmont Contact: Loukonen Michael Telephone: (303) 823-6268 Formation Name: Lyons Sandstone Geologic Age: Triassic-Permian County: Boulder Lyons Quarry N |R |71 lw Section: 26 Qtr Sec: Topo Map: Lyons Primary Product: Andesite Permit ID: M1977141 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 400.000 Comments: Operator: Aggregate Industries - WCR, Inc. Address: 3605 S. Teller St. CO 80235-0000 Lakewood Contact: Refer Mike Telephone: (303) 716-5327

Geologic Age: Tertiary-Cretaceous

County: Boulder Lafavette Reservoirs Nos. 1 & 3 N R 69 W Section: 15 Qtr Sec: S Topo Map: Erie Primary Product: Sand and gravel Permit ID: M1985158 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Goose Haven Sand & Gravel Address: P.O. Box 17130 CO 80308-0000 Boulder Doug Contact: Tiefel Telephone: (303) 665-9390 Formation Name: Alluvium Geologic Age: Quaternary County: Boulder Lyons Pit Т 3 N R 70 w Section: 22 Qtr Sec: Topo Map: Hygiene Primary Product: Sand and gravel Permit ID: M1974015 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year Comments: Owned by Lafarge Operator: Western Mobile Boulder, Inc. Address: 1590 W. 12th Ave. Denver CO 80200-0000 Contact: Eric Reckentine Telephone: (303) 657-4330 Formation Name: Alluvium Geologic Age: Ouaternary County: Boulder Lyons Quarry N R 70 W Section: 28 Qtr Sec: Topo Map: Hygiene Primary Product: Limestone Permit ID: M1977208 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 5.000 Comments: Operator: CEMEX, Inc. Address: P.O. Box 529 Lyons CO 80540-0000 Contact: John Telephone: (303) 823-2100 Lohr Formation Name: Colorado Group Limestone Geologic Age: Cretaceous

Formation Name: Laramide intrusive

Miller Pit County: Boulder T 3 N R 70 W Section: 27 Qtr Sec: SF Topo Map: Hygiene Primary Product: Sand and gravel Permit ID: M1982034 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year Comments: Owned by Lafarge Operator: Western Mobile Boulder, Inc. Address: 1590 W 12th Ave Denver CO 80204-0000 Contact: Reckentine Eric Telephone: (303) 657-4330 Formation Name: Alluvium Geologic Age: Ouaternary County: Boulder Nolan Quarry N R 70 W Section: 5 Qtr Sec: S Topo Map: Pinewood Lake Primary Product: Sandstone Permit ID: M1981075 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: Estimated Annual Production: Variable Comments: Operator: Phillips Stone Company Address: 7850 Ute Hwy. Longmont CO 80503-0000 Contact: **Phillips** Robert Telephone: (303) 823-6395 Formation Name: Lyons Sandstone Geologic Age: Triassic-Permian County: Boulder Sprague-Red Lyons N R 70 W Section: 7 Qtr Sec: N Topo Map: Lyons Primary Product: Sandstone Permit ID: M1981057 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Comments: Operator: Arkins Park Stone Corp. Address: 5975 NCR 27 80538-0000 Loveland CO Tanya Contact: Geiser Telephone: (970) 663-1920 Formation Name: Lyons Sandstone Geologic Age: Triassic-Permian

County: Boulder Neighbors Pit N R 69 W T 2 Section: 5 Qtr Sec: Topo Map: Hygiene Primary Product: Sand and gravel Permit ID: M1984014 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 400,000 Comments: Operator: Aggregate Industries - WCR, Inc. Address: 3605 S. Teller St. Lakewood CO 80235-0000 Contact: Refer Mike Telephone: (303) 985-1070 Formation Name: Alluvium Geologic Age: Ouaternary County: Boulder Silica Quarry 76 N R 70 W T 3 Section: 20 Qtr Sec: S Topo Map: Lyons Permit ID: M1977361 Primary Product: Sandstone Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: <5,000 Comments: Operator: CEMEX, Inc. Address: P.O. Box 529 80540-0000 Lyons CO Contact: Lohr John Telephone: (303) 823-2100 Formation Name: Lyons Sandstone Geologic Age: Triassic-Permian County: Boulder Stelter Pit 78 N R 70 W Topo Map: Niwot Section: 23 Qtr Sec: N Primary Product: Sand and gravel Permit ID: M1978328 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year Comments: Owned by Lafarge Operator: Western Mobile Boulder, Inc. Address: 1590 W, 12th Ave. Denver CO 80204-0000 Contact: Reckentine Eric Telephone: (303) 657-4330 Formation Name: Alluvium Geologic Age: Ouaternary

County: Boulder Dowe Flats Mine N R 70 W Т 3 Section: 9 Qtr Sec: Topo Map: Hygiene Permit ID: M1993041 Primary Product: Limestone Commodity Type: Cement 2nd Product: Shale 3rd Product: Mine Type: Surface Estimated Annual Production: 800,000 Comments: Operator: CEMEX, Inc. Address: P.O. Box 529 CO 80540-0000 Lyons Telephone: (303) 823-2100 Contact: Lohr John Formation Name: Colorado Group (Niobrara Fm) Geologic Age: Cretaceous County: Boulder Brodie Quarry N R 70 Section: 18 Qtr Sec: N Topo Map: Lyons Primary Product: Sandstone, dimension Stone Permit ID: M1992110 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Comments: Operator: William D. Boone Address: P. O. Box 1157 CO 80540-0000 Lyons Contact: Boone William Telephone: (303) 823-6591 Formation Name: Lyons Sandstone Geologic Age: Triassic-Permian County: Boulder Vasquez Quarry No 2 N | R | 70 | W Section: 6 Qtr Sec: N Topo Map: Pinewood Lake Primary Product: Sandstone Permit ID: M1994121 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: 1,800 Comments: Operator: Lucio Vasquez

County: Boulder **Bad Boy Stone** N R 71 T 3 W Section: 1 Qtr Sec: NE Topo Map: Pinewood Lake Primary Product: Sandstone, dimension Stone Permit ID: M1992108 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: Several hundred Comments: Operator: Bad Boy Stone Address: 11493 WCR 20 Ft. Lupton CO 80621-0000 Contact: Vasquez Pablo Telephone: (303) 857-4544 Formation Name: Lyons Sandstone Geologic Age: Triassic-Permian County: Boulder Lucio Vasquez Quarry Т 3 N R 70 Topo Map: Pinewood Lake Section: 6 Qtr Sec: NE Primary Product: Sandstone Permit ID: M1994091 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: 1,800 Comments: Operator: Lucio Vasquez Address: P.O. Box 938 Lyons CO 80540-0000 Contact: Vasquez Lucio Telephone: (303) 825-5464 Formation Name: Lyons Sandstone Geologic Age: Triassic-Permian Cash & Who Do Mines County: Boulder N R 72 W Section: 12 Qtr Sec: SE Topo Map: Gold Hill Permit ID: M1983141 Primary Product: Gold 2nd Product: Silver Commodity Type: Metal 3rd Product: Mine Type: underground Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: ITEC Environmental Colorado, Inc. Address: 591 Grand Cascade Way Grand Junction CO 81501-6882 Contact: Steen Mark Telephone: (303) 651-2985

Geologic Age: Tertiary Cretaceous

Formation Name: Ouartz veins

Contact:

Address: 2425 I-25 W. Frontage Rd.

Vasquez

Formation Name: Lyons Sandstone

CO

Lucio

80516-0000

Telephone: (303) 828-5464

Geologic Age: Triassic-Permian

Erie

Cross Gold Mine County: Boulder T 1 S R 73 W Section: 9 Qtr Sec: N Topo Map: Nederland Permit ID: M1977410 Primary Product: Gold 2nd Product: Copper Commodity Type: Metal 3rd Product: Silver Mine Type: underground Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Calais Resources Colorado, Inc. Address: Cross Mine Road Nederland CO 80466-0000 Contact: Hendricks Thomas Telephone: (303) 258-3806 Formation Name: Ouartz veins Geologic Age: Tertiary-Cretaceous County: Boulder Oxbow Placers N R 72 W Section: 19 Qtr Sec: Topo Map: Gold Hill Primary Product: Gold (placer) Permit ID: M1981063 2nd Product: Commodity Type: Metal 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut in; gold placer mine Operator: Oxbow Mining Corp Address: 2101 S. 324th #332 Federalway WA 98003-0000 Contact: Tyler Dave Telephone: (253) 431-7680 Formation Name: Alluvium Geologic Age: Ouaternary County: Chaffee Arnold Gulch T 15 S R 78 W Section: 2 Qtr Sec: SE Topo Map: Nathrop Primary Product: Sand and gravel Permit ID: M1998091 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 11,050 Comments: Operator: Joseph L. and Arlene Cogan 24899 U.S. Hwy, 285 Address: CO 81236-0000 Nathrop Contact: Cogan Joseph Telephone: (719) 395-2339 Formation Name: Gravel Geologic Age: Ouaternary

Gold Hill Mill County: Boulder 86 T 1 N R 72 W Section: 12 Qtr Sec: NE Topo Map: Gold Hill Primary Product: Gold Permit ID: M1994117 2nd Product: Silver Commodity Type: Metal 3rd Product: Mine Type: In-situ Estimated Annual Production: None reported in 2002 Comments: Shut-in; Operator: ITEC Environmental Colorado, Inc. Address: P.O. Box 1523 CO 80502-0000 Longmont Contact: Stewart Maxine Telephone: (303) 651-2985 Formation Name: Ouartz veins Geologic Age: Tertiary-Cretaceous Phil Sheridan Lode County: Boulder N R 71 W Section: 8 Qtr Sec: S Topo Map: Boulder Primary Product: Gold Permit ID: M1988081 Commodity Type: Metal 2nd Product: Silver 3rd Product: Mine Type: underground Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Comstock Mining & Refining Address: 999 Pinion Hills Dr. Carson City 89701-0000 NV Contact: Conner Raymond Telephone: (775) 224-3386 Formation Name: Ouartz veins Geologic Age: Tertiary-Cretaceous County: Chaffee Avery Const Pit T 14 S R 78 W Section: 17 Qtr Sec: S Topo Map: Buena Vista West Primary Product: Sand and gravel Permit ID: M1979010 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: N/A Comments: Operator: ACA Products, Inc. Address: P.O. Box 1887 81211-0000 Buena Vista CO Contact: Murphy Chuck Telephone: (719) 395-3790 Formation Name: Gravel Geologic Age: Quaternary

County: Chaffee Buena Vista Pit T 14 S R 78 W Topo Map: Buena Vista West Section: 5 Qtr Sec: NE Permit ID: M1977196 Primary Product: Sand and gravel Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Comments: Operator: Hard Rock Paving & Redi-Mix, Inc. Address: P.O. Box 1720 CO 81215-1720 Canon City Contact: Tug Telephone: (719) 275-1280 Martin Formation Name: Gravel Geologic Age: Quaternary County: Chaffee Butala Pit T 50 N R 6 Ε Section: 14 Qtr Sec: S Topo Map: Garfield Permit ID: M1987127 Primary Product: Limestone Commodity Type: Aggregate 2nd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: 84,000 Comments: Operator: Butala Construction Company Address: 7625 Hwy. 50 81201-0000 Salida CO Contact: Butala Frank Telephone: (719) 539-2521 Formation Name: Leadville Limestone Geologic Age: Ordovician County: Chaffee Main Pit T 49 N R 9 Ε Section: 7 Qtr Sec: SE Topo Map: Salida West Primary Product: Sand and gravel Permit ID: M1977197 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Comments: Operator: Hard Rock Paving & Redi-Mix, Inc. Address: P.O. Box 1720 Canon City CO 81215-1720 Martin Tug Telephone: (719) 275-1280 Contact:

Geologic Age: Ouaternary

County: Chaffee **Butala Gravel Pit** 92 T 50 N R 8 ΤE Section: 25 Qtr Sec: SE Topo Map: Salida West Primary Product: Sand and gravel Permit ID: M1977170 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 30,000 Comments: Operator: Butala Construction Company Address: P.O. Box 907 Salida CO 81201-0000 Contact: Butala Frank Telephone: (719) 539-2521 Formation Name: Gravel Geologic Age: Quaternary County: Chaffee 94 Hard Rock 291 Pit T 50 N R 9 Section: 30 Qtr Sec: S Topo Map: Salida West Primary Product: Sand and gravel Permit ID: M1977195 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Comments: Operator: Hard Rock Paving & Redi-Mix Address: P.O. Box 1720 Canon City 81215-0000 CO Contact: Martin Tug Telephone: (719) 275-1280 Formation Name: Gravel Geologic Age: Ouaternary 96 Newett Ouarry County: Chaffee T 14 S R 77 W Section: 3 Qtr Sec: S Topo Map: Castle Rock Gulch Primary Product: Limestone Permit ID: M1978093 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Minimal Comments: Operator: Colorado Lien Company Address: P.O. Box 767 Rapid City SD 57709-0000 Contact: Craft Lecia Telephone: (605) 342-7224 Geologic Age: Mississippian Formation Name: Leadville Limestone

Formation Name: Gravel

County: Chaffee Pit No 3 97 T 50 N R 8 E Section: 36 Qtr Sec: NE Topo Map: Salida West Primary Product: Sand and gravel Permit ID: M1978193 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Comments: Operator: Kaess Contracting, Inc. Address: 8315 CR 160 Salida CO 81201-0000 Telephone: (719) 539-3519 Contact: Kaess Karen Formation Name: Gravel Geologic Age: Ouaternary Rock Gulch Gravel Pit County: Chaffee T 49 N R 9 E Section: 8 Qtr Sec: N Topo Map: Salida West Primary Product: Sand and gravel Permit ID: M1980041 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 1.200 Comments: Operator: James L. Treat Address: 225 "G" St. Salida 81201-0000 CO Contact: Treat James Telephone: (719) 539-2215 Formation Name: Gravel Geologic Age: Ouaternary Lilv Mines County: Chaffee 101 T 50 N R 6 Section: 22 Qtr Sec: SE Topo Map: Garfield Primary Product: Marble Permit ID: M1987028 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: Comments: Mine is at 12,000 ft Operator: Colorado Marble, L.L.C. Address: 270 S. 15th St. 81212-0000 Canon City CO Bill Contact: Tezak Telephone: (770) 607-3345

County: Chaffee Pit Number One T 14 S R 78 W Section: 5 Qtr Sec: SE Topo Map: Buena Vista East Primary Product: Sand and gravel Permit ID: M2000099 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Marilyn E. Vazquez, Bruce A. Diamond Address: 26520 CR 301 Buena Vista CO 81211-0000 Marilyn Telephone: (719) 395-8631 Contact: Diamond Formation Name: Gravel Geologic Age: Ouaternary County: Chaffee Trout Creek Pit 100 W T 14 S R 78 Section: 27 Qtr Sec: NE Topo Map: Buena Vista East Primary Product: Borrow rock Permit ID: M2001035 Commodity Type: Aggregate 2nd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: N/A Comments: Operator: ACA Products, Inc. Address: P. O. Box 1887 Buena Vista CO 81211-0000 Contact: Murphy Charles Telephone: (719) 395-3790 Formation Name: Gravel Geologic Age: Ouaternary County: Chaffee 102 Monarch - Dolomite T 50 N R 6 Ε Section: 33 Qtr Sec: Topo Map: Garfield Primary Product: Dolomite Permit ID: M1996071 2nd Product: Limestone Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: N/A Comments: Operator: Colorado Lime Company Address: 13800 Montfort Dr., Ste. 330 Dallas TX 75240-4330

Telephone: (972) 991-8400

Geologic Age: Mississippian

Contact:

Geologic Age: Mississippian

Bowers

Formation Name: Leadville Limestone

Johnney

Formation Name: Leadville Limestone

County: Chaffee Monarch - Limestone 103 E T 50 N R 6 Section: 33 Qtr Sec: Topo Map: Garfield Permit ID: M1996070 Primary Product: Limestone 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: N/A Comments: Operator: Colorado Lime Company Address: 13800 Montfort Dr., Ste. 330 Dallas TX 75240-4330 Contact: **Bowers** Johnney Telephone: (972) 991-8400 Formation Name: Leadville Limestone Geologic Age: Mississippian County: Chaffee Gold Basin Mine 105 T 12 S R 80 W Section: 5 Topo Map: Mount Harvard Qtr Sec: NF Permit ID: M1992045 Primary Product: Gold (placer) 2nd Product: Commodity Type: Metal 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: shut in; gold occurs in soil at bedrock contact Operator: James VanElla Address: 180 Ln. 200 Bass Lake ΙN 46703-0000 Angola Telephone: (260) 665-7060 Contact: VanElla James Formation Name: Biotite gneiss/schist (weathered) Geologic Age: Precambrian Chevenne Wells Pit County: Chevenne T 14 S R 43 W Section: 9 Qtr Sec: S Topo Map: Arapahoe Primary Product: Borrow rock Permit ID: M2002065 Commodity Type: Aggregate 2nd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: None reported in 2002 Comments: New mine

County: Chaffee Monarch - Stockpile 104 T 50 N R 6 Е Section: 33 Qtr Sec: Topo Map: Garfield Primary Product: Limestone Permit ID: M1996068 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: 27,000 Comments: Operator: Colorado Lime Company Address: 13800 Montfort Dr., Ste. 330 Dallas TX 75240-4330 Contact: Bowers Johnney Telephone: (972) 991-8400 Formation Name: Leadville Limestone Geologic Age: Mississippian County: Chaffee Jesse Lee 106 T 14 S R 78 W Topo Map: Buena Vista East Section: 33 Qtr Sec: N Primary Product: Gold (placer) Permit ID: M1984043 2nd Product: Commodity Type: Metal 3rd Product: Mine Type: Surface Estimated Annual Production: Minimal Comments: Gold occurs in gravels associated with Arkansas River drainage. Operator: Kerr & Son Trucking Address: P.O. Box 1496 Buena Vista CO 81211-0000 Donald Contact: Kerr Telephone: (719) 395-2910 Formation Name: Gravel Geologic Age: Quaternary Empire Pit County: Clear Creek 108 S R 74 W T 3 Section: 29 Qtr Sec: S Topo Map: Empire Primary Product: Sand and gravel Permit ID: M1977534 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Comments: Operator: Mountain Aggregates, Inc. Address: P.O. Box 535 Castle Rock CO 80104-0000 LeRoy Contact: Telephone: (303) 688-4890 Marquez Geologic Age: Quaternary Formation Name: Glacial drift

Contact:

Operator: Lafarge West, Inc.

Address: 1800 N. Taft Hill Rd.

Formation Name: Eolian sand

Fort Collins

CO

Goettemoeller Julie

80522-0000

Telephone: (970) 407-3669

Geologic Age: Quaternary

Walstrum Mine County: Clear Creek 109 T 3 S R 72 W Section: 34 Qtr Sec: SE Topo Map: Squaw Pass Primary Product: Granite Permit ID: M1983033 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 2,200,000 - 2,500,000 Comments: Operator: Albert Frei & Sons. Inc. Address: 11521 Brighton Rd. Henderson CO 80640-0000 Contact: Frei Albert Telephone: (303) 289-1837 Formation Name: Laramide intrusive Geologic Age: Tertiary-Cretaceous County: Clear Creek Grace Mine 111 Т 3 S R 74 W Section: 21 Qtr Sec: SE Topo Map: Empire Primary Product: Gold Permit ID: M1982050 2nd Product: Silver Commodity Type: Metal 3rd Product: Copper Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Care & maintenance Operator: Consolidated Empire Gold Inc. Address: P.O. Box 1470 Golden 80402-0000 CO Contact: Heon Telephone: (303) 679-1617 Raymond Formation Name: Ouartz veins Geologic Age: Tertiary-Cretaceous County: Clear Creek Mendota Properties S R 75 w Section: 14 Qtr Sec: S Topo Map: Grays Peak Primary Product: Silver Permit ID: M1990147 2nd Product: Commodity Type: Metal 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Jack Pine Mining Company Address: P.O. Box 66 80452-0066 Idaho Springs CO Contact: Watrous Fabyan Telephone: (303) 567-2350

Geologic Age: Tertiary-Cretaceous

110 Franklin Mine and Mill County: Clear Creek T 3 S R 73 W Section: 25 Qtr Sec: Topo Map: Central City Permit ID: M1983083 Primary Product: Gold 2nd Product: Vanadium Commodity Type: Metal 3rd Product: Silver Mine Type: underground Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Franklin Consolidated Mining Co, Inc. Address: 76 Beaver St., Ste. 500 New York 10005-0000 NY Contact: Robert Telephone: (212) 344-2848 Levin Formation Name: Ouartz veins Geologic Age: Tertiary-Cretaceous County: Clear Creek Henderson Mine 112 W S R 77 Section: 22 Qtr Sec: Topo Map: Ute Peak Primary Product: Molybdenum Permit ID: M1977342 Commodity Type: Metal 2nd Product: Mine Type: underground 3rd Product: Estimated Annual Production: 20-25 million pounds of molybdenum metal in concentrates Comments: Operator: Climax Molybdenum Company Address: P.O. Box 68 CO 80438-0000 Empire Telephone: (303) 569-3221 Contact: Lucero Tony Geologic Age: Tertiary Formation Name: Rhyolite porphyry County: Clear Creek Phoenix Mine 114 S R 73 W Section: 33 Qtr Sec: N Topo Map: Central City Primary Product: Gold Permit ID: M1982075 2nd Product: Silver Commodity Type: Metal 3rd Product: Mine Type: underground Estimated Annual Production: None Comments: Tourist mine Operator: Alvin Mosch - Patricia Mosch Address: Box 3236 80452-0000 Idaho Springs CO Contact: Mosch Alvin Telephone: (303) 567-0422

Geologic Age: Tertiary-Cretaceous

Formation Name: Ouartz veins

Formation Name: Ouartz veins

County: Clear Creek 115 Poorman Mine T 3 S R 74 W Section: 36 Qtr Sec: SE Topo Map: Empire Primary Product: Gold Permit ID: M1982058 Commodity Type: Metal 2nd Product: Silver 3rd Product: Mine Type: underground Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Rocky West Mining Corp. Box 3236 Address: CO 80452-0000 Idaho Springs Contact: Mosch Alvin Telephone: (303) 567-4565 Formation Name: Ouartz veins Geologic Age: Tertiary-Cretaceous County: Conejos 117 Garrett Pit Section: 9 Otr Sec: NE Topo Map: Waverly T 36 N R 8 Primary Product: Sand and gravel Permit ID: M1978271 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 5.000 Comments: Operator: Asphalt Gravel Products, Inc. Address: 117 White Pine Dr. 81101-0000 Alamosa CO Contact: Southway Rock Telephone: (719) 589-5103 Formation Name: Gravel and sand Geologic Age: Ouaternary-Tertiary County: Coneios 119 Robins Pit No. 1 T 32 N R 7 E Section: 3 Qtr Sec: NE Topo Map: Fox Creek Permit ID: M2002014 Primary Product: Gravel Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: New mine Operator: Robins Construction Co. LLLP Address: P.O. Box 212 Antonito CO 81120-0000

Telephone: (719) 376-2351

Geologic Age: Ouaternary

Gallegos Pit County: Conejos 116 T 34 N R 6 Е Section: 28 Qtr Sec: S Topo Map: La Jara Canvon Primary Product: Sand and gravel Permit ID: M1983164 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 7,500 Comments: Operator: George F. Gallegos Address: P.O. Box 575 Romeo CO 81148-0000 Contact: Gallegos George Telephone: (719) 843-5113 Formation Name: Gravel and sand Geologic Age: Quaternary-Tertiary County: Conejos Malouff Pit 118 T 36 N R 8 Qtr Sec: NE Section: 4 Topo Map: Waverly Primary Product: Sand and gravel Permit ID: M1982033 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 25,000 Comments: Operator: Malouff Construction Inc. Address: 6496 Malouff Rd. Alamosa CO 81101-0000 Contact: Malouff Stephen Telephone: (719) 589-4198 Formation Name: Gravel and sand Geologic Age: Ouaternary-Tertiary Valdez Gravel Mine County: Coneios 120 T 33 N R 9 Ε Section: 32 Qtr Sec: N Topo Map: Antonito Primary Product: Gravel Permit ID: M1991133 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Comments: Operator: Valle Escondido Address: P.O. Box 84 Conejos CO 81129-0000 Contact: Telephone: (719) 376-5873 Valdez Demetrio Formation Name: Gravel and sand Geologic Age: Ouaternary

Contact:

Robins

Formation Name: Alluvium

Randy

County: Coneios County: Costilla Rio Grande Bentonite 122 Costilla Pit T 32 N R 11 E Section: 8 Qtr Sec: N T 1 N R 73 W Section: 35 Qtr Sec: N Topo Map: Garcia Topo Map: Kiowa Hill Primary Product: Bentonite Permit ID: M2002106 Primary Product: Sand and gravel Permit ID: M1987040 2nd Product: 2nd Product: Commodity Type: Aggregate Commodity Type: Industrial mineral Mine Type: Surface 3rd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: Unknown Estimated Annual Production: Minimal Comments: Comments: Operator: Larry Mondragon Operator: Southway Construction Company, Inc. Address: 9451 US Hwy 285 Address: 117 White Pine Dr. CO 81101-0000 CO 81101-0000 Alamosa Alamosa Contact: Mondragon Larry Telephone: (719) 589-2607 Contact: DeGolyer Kris Telephone: (719) 589-5103 Formation Name: Clay zone in gravels and Geologic Age: Ouaternary Formation Name: Gravel Geologic Age: Ouaternary alluvium County: Costilla Pit 1 County: Costilla Lvle Smith Pit 124 T 30 S R 72 W N R 72 W Section: 20 Qtr Sec: NF. Topo Map: Fort Garland Section: 34 Qtr Sec: S Topo Map: Sanchez Reservoir Primary Product: Sand and gravel Permit ID: M1977053 Primary Product: Sand Permit ID: M1999073 Commodity Type: Aggregate Commodity Type: Aggregate 2nd Product: 2nd Product: 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 60,000 Estimated Annual Production: Steady Comments: Comments: Operator: Asphalt Constructors, Inc. Operator: Evan L. Melby, Inc. Address: P.O. Box 449 Address: P.O. Box 4159 Alamosa CO 81101-0000 Ventura CA 93007-0000 Contact: Todd Telephone: (719) 589-6671 Evan Telephone: (800) 858-8565 Stockebrand Contact: Melby Formation Name: Gravel Formation Name: Gravel and sand Geologic Age: Quaternary-Tertiary Geologic Age: Ouaternary County: Costilla County: Crowley 125 | Southway Pit Caldwell-Nesselhuf Pit No. 1 T 30 S R 72 W T 22 S R 58 W Section: 21 Qtr Sec: S Topo Map: Fort Garland Section: 24 Qtr Sec: Topo Map: Manzanola Primary Product: Sand and gravel Permit ID: M1997071 Permit ID: M1981153 Primary Product: Sand 2nd Product: Commodity Type: Aggregate 2nd Product: Gravel Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 7,500 Estimated Annual Production: Intermittent production Comments: Comments: Operator: So. Way Co. Operator: William & Beverly Caldwell and Albert & Lola Nesselhuf Address: 117 White Pine Dr. Address: 31160 CR 14 CO 81101-0000 81058-0000 Alamosa Manzanola CO Contact: Kris Telephone: (719) 254-3231 DeGolyer Telephone: (719) 589-5103 Contact: Nesselhuf, Jr. Albert Formation Name: Gravel Geologic Age: Ouaternary Formation Name: Alluvium Geologic Age: Ouaternary

Korinek S & G Pit County: Crowley 127 T 22 S R 57 W Section: 20 Qtr Sec: SE Topo Map: Manzanola Permit ID: M1979131 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: Estimated Annual Production: Intermittent production Comments: Operator: Fred L Korinek Address: 550 Lane 15 CO 81058-0000 Manzanola Contact: Korinek Fred Telephone: (719) 254-7271 Formation Name: Alluvium Geologic Age: Ouaternary County: Custer Geroux Gravel T 22 S R 72 W Section: 19 Qtr Sec: SE Topo Map: Aldrich Gulch Primary Product: Sand and gravel Permit ID: M2000059 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: Estimated Annual Production: Not disclosed Comments: Operator: Geroux Gravel Address: 1100 CR 160 Westcliffe 81252-0000 CO Contact:

Geroux Darrell Telephone: (719) 783-2709 Formation Name: Gravel Geologic Age: Quaternary

County: Custer 131 Nordvke Pit No 2 T 24 S R 71 W Section: 5 Qtr Sec: S Topo Map: Devils Gulch Primary Product: Gravel Permit ID: M1994114 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface

Estimated Annual Production: None reported in 2002

Comments: Shut-in

Operator: Nordyke Construction, Inc.

Address: 5798 Hwy. 69 S.

CO 81252-0000 Westcliffe

Contact: Nordyke Arthur **Telephone:** (719) 783-2761

Formation Name: Gravel Geologic Age: Ouaternary 128 Walter Pit

T 22 S R 58 W Section: 14 Qtr Sec: SE Topo Map: Ordway Permit ID: M1986014

Primary Product: Sand and gravel

Commodity Type: Aggregate

County: Crowley

County: Custer

3rd Product: Mine Type: Surface

Estimated Annual Production: Minimal

Comments:

2nd Product:

Operator: Clifford G Walter Address: 12019 CR B

> Manzanola CO 81058-0000

Contact: Walter Clifford Telephone: (719) 462-5211

Formation Name: Alluvium Geologic Age: Ouaternary

McGuire Gravel Pit 130

T 22 S R 72 w Section: 29 Qtr Sec: N Topo Map: Aldrich Gulch Permit ID: M1984004

Primary Product: Sand and gravel 2nd Product:

Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: Not disclosed

Comments:

Operator: Ruth P McGuire Address: 43 O Glenroyal Dr.

Pueblo

CO 81005-0000

Contact: Mcguire Ruth Telephone: (719) 564-2590

Formation Name: Gravel

Primary Product: Gravel

Geologic Age: Quaternary

132 Schoolfield Pit

T 23 S R 72 W Section: 2 Qtr Sec: N

Topo Map: Aldrich Gulch Permit ID: M1993027

Geologic Age: Quaternary

County: Custer

2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: 2.000

Comments:

Operator: Seifert Construction Address: 198 Range View Loop

> Westcliffe CO 81252-0000

Contact: Seifert Mary

Telephone: (719) 783-2757

Formation Name: Gravel

County: Custer County: Custer 134 ||Shangri La Pit Seifert Pit 133 T 24 S R 71 W T 22 S R 72 W Section: 5 Qtr Sec: NE Topo Map: Devils Gulch Section: 30 Qtr Sec: N Topo Map: Aldrich Gulch Primary Product: Sand and gravel Permit ID: M1985040 Primary Product: Gravel Permit ID: M1989024 Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 3,000 Estimated Annual Production: N/A Comments: Comments: Operator: Seifert Construction Operator: Edward M. Yaklich Address: P.O. Box 305 Address: 112 Cottage Ln Westcliffe 81212-0000 CO 81252-0000 Canon City CO Contact: Seifert Mary Telephone: (719) 783-2757 Contact: Yaklich Edward Telephone: Formation Name: Alluvium Formation Name: Gravel Geologic Age: Ouaternary Geologic Age: Quaternary County: Custer County: Custer 135 Ula Pit Black Obsidian 136 T 22 S R 72 W T 22 S R 73 W Section: 16 Qtr Sec: S Topo Map: Beckwith Mountain Section: 16 Qtr Sec: N Topo Map: Westcliffe Primary Product: Gravel Permit ID: M1991083 Primary Product: Obsidian Permit ID: M1987026 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Industrial mineral Mine Type: Surface 3rd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: 12,000 Estimated Annual Production: Intermittent production Comments: Comments: Operator: Seifert Construction Operator: Colorado Quarries, Inc. Address: 270 S. 15th St. Address: P.O. Box 305 Westcliffe Canon City 81212-0000 CO 81252-0000 CO Bill Telephone: (719) 275-6894 Contact: Seifert Mary Telephone: (719) 783-2757 Contact: Tezak Geologic Age: Quaternary Geologic Age: Oligocene Formation Name: Gravel Formation Name: Quartz latite County: Custer Siskin County: Custer Hardship Lode Quarry 138 T 22 S R 72 W Section: 8 Qtr Sec: T 22 S R 72 W Section: 26 Qtr Sec: NF. Topo Map: Aldrich Gulch Topo Map: Westcliffe Primary Product: Rhvolite Permit ID: M1987027 Primary Product: Rhvolite Permit ID: M1987116 2nd Product: 2nd Product: Commodity Type: Industrial mineral Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Estimated Annual Production: Intermittent production Comments: Comments: Operator: Colorado Quarries, Inc. Operator: Colorado Quarries, Inc. Address: 270 S. 15th St. Address: 270 S. 15th St. 81212-0000 CO 81212-0000 CO Canon City Canon City Bill Bill Telephone: (719) 275-6894 Contact: Tezak Contact: Tezak Telephone: (719) 275-6894 Formation Name: Quartz latite Formation Name: Ouartz latite Geologic Age: Oligocene Geologic Age: Oligocene

County: Delfa Bennett's Gravel Pit T 15 S R 96 W Section: 11 Qtr Sec: SE Topo Map: North Delta Primary Product: Sand and gravel Permit ID: M1979166 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Comments: Operator: Elam Construction, Inc. 1225 S. 7th St. Address: Grand Junction CO 81501-0000 Contact: Cates Jason Telephone: (970) 242-5370 Formation Name: Alluvium Geologic Age: Ouaternary Benton Dawson Gravel County: Delta T 15 S R 96 W Topo Map: Delta Section: 15 Qtr Sec: S Primary Product: Sand and gravel Permit ID: M1983209 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 6,500 Comments: Operator: Western Slope Construction Co

Address: 1221 Hwy. 50

Delta CO

Contact: Hawkins Jack Telephone: (970) 874-9880

Formation Name: Alluvium Geologic Age: Ouaternary

81416-0000

143 Campbell Cravel County: Delta

| 143 | Campbell Gravel | T | 14 | S | R | 92 | W | Sectio

Section: 11 Qtr Sec: N

Topo Map: Hotchkiss Permit ID: M1997051

Primary Product: Sand and gravel 2nd Product:

Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: None reported in 2002

Comments: Shut-in

Operator: Oldcastie SW Group, Inc. dba United Companies of Mesa County

Address: P.O. Box 3609

Grand Junction CO 81502-0000

Contact: Johnson Richard Telephone: (970) 243-4900

Formation Name: Alluvium Geologic Age: Quaternary

140 Benson Bro Shale Pit

T 13 S R 95 W Section: 13 Qtr Sec: NE Topo Map: Cedaredge

Primary Product: Shale

Permit ID: M1991120

County: Delta

County: Delta

2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: 40,000

Comments:

Operator: Benson Brothers
Address: 2134 J-50 Rd.

Austin CO

Contact: Benson Ed Telephone: (970) 835-3128

Formation Name: Mesaverde Group Geologic Age: Cretaceous

81410-0000

142 Brandstadt Rock Pit

T 15 S R 95 W Section: 15 Qtr Sec: S Topo Map: Delta

Primary Product: Sand and gravel Permit ID: M1986004
2nd Product: Commodity Type: Aggregate

2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: Intermittent production

Comments:

Operator: Harold Brandstadt

Address: 2040 G Rd.

Delta CO 81416-0000

Contact: Brandsstadt Harold Telephone: (970) 874-4159

Formation Name: Alluvium Geologic Age: Quaternary

144 Delta Paving Gravel Pit

T 15 S R 95 W Section: 10 Qtr Sec: N T

Topo Map: Delta
Permit ID: M1998105

County: Delta

2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: None reported in 2002

Comments: Shut-in

Primary Product: Gravel

Operator: Grand Junction Pipe & Supply Co.

Address: P.O. Box 1849

Grand Junction CO 81502-0000

Contact: Settle Edward Telephone: (970) 243-4604

Formation Name: Alluvium Geologic Age: Quaternary

County: Delta 145 Dominguez Pit T 14 S R 98 W Section: 35 Qtr Sec: N Topo Map: Dominguez Primary Product: Sand and gravel Permit ID: M2001118 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 100,000 Comments: Operator: Oldcastle SW Group, Inc. dba United Companies of Mesa County Address: 2273 River Rd. Grand Junction CO 81502-0000 Contact: Pete Telephone: (970) 243-4900 Siegmund Formation Name: Alluvium Geologic Age: Ouaternary County: Delta 147 Farnsworth Gr Pit 2 |T | 14 | S | R | 92 | W | Section: 1 Qtr Sec: SE Topo Map: Paonia Primary Product: Sand and gravel Permit ID: M1982154 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Minimal Comments: Operator: Farnsworth Construction Co. Address: 1494 Hwy. 33 Paonia CO 81428-0000 Contact: Telephone: (970) 527-4434 Farnsworth Patricia Formation Name: Alluvium Geologic Age: Ouaternary County: Delta Hallenbeck Pit No 1 T 14 S R 95 W Section: 36 Qtr Sec: S Topo Map: Orchard City Primary Product: Sand and gravel Permit ID: M1977062 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 40,000 Comments: Operator: Benson Brothers Address: 2134 J-50 Rd. Austin CO 81410-0000 Contact: Benson Ed Telephone: (970) 835-3128

Geologic Age: Ouaternary

County: Delta Drysdale Pit 146 T 15 S R 94 W Section: 6 Qtr Sec: N Topo Map: Orchard City Primary Product: Sand and gravel Permit ID: M2000021 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: New mine Operator: Grand Junction Pipe & Supply Co. Address: P.O. Box 1849 Grand Junction CO 81502-0000 Telephone: (970) 243-4604 Contact: Settle Edward Formation Name: Alluvium Geologic Age: Ouaternary County: Delta Four D Pit 148 T | 13 | S | R | 91 | W | Section: 32 Qtr Sec: SE Topo Map: Bowie Permit ID: M1998112 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 60,000 Comments: Operator: Oldcastle SW Group, Inc. dba United Companies of Mesa County Address: P.O. Box 3609 Grand Junction CO 81502-0000 Telephone: (970) 243-4900 Contact: Johnson Richard Geologic Age: Quaternary Formation Name: Alluvium County: Delta High Mesa Gravel Pit T 15 S R 94 w Section: 4 Qtr Sec: N Topo Map: Orchard City Primary Product: Sand and gravel Permit ID: M2000067 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 5,000 Comments: Operator: Beavers Construction Co./High Mesa Gravel L.L.C. Address: 1091A Hwy, 133 Paonia CO 81428-0000 Contact: Beavers Art Telephone: (970) 872-2323 Formation Name: Alluvium Geologic Age: Ouaternary

Formation Name: Gravel

County: Delta 151 Moonscape Pit T 15 S R 96 W Section: 28 Qtr Sec: SE Topo Map: Delta Primary Product: Sand and gravel Permit ID: M1997027 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: N/A Comments: Operator: A.J. Botti Construction & Gravel Address: 454 1250 Dr. Delta CO 81416-9107 Contact: Andv Telephone: (970) 874-8141 Botti Formation Name: Alluvium Geologic Age: Quaternary County: Delta North Delta Pit 153 T 15 S R 95 W Section: 7 Qtr Sec: S Topo Map: North Delta Primary Product: Sand and gravel Permit ID: M1979002 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year Comments: Owned by Lafarge Operator: Western Mobile, Inc. Address: 1590 W. 12th Ave. Denver 80204-0000 CO Contact: Tuttle Gary Telephone: (303) 657-4123 Geologic Age: Quaternary Formation Name: Alluvium Red Canvon Rock No 1 County: Delta T 13 S R 95 W Section: 14 Qtr Sec: NE Topo Map: Cedaredge Permit ID: M1986151 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Comments:

Operator: Red Canyon Rock
Address: 1909 2085 Ln.

Cedaredge CO 81314-9680

Contact: Belden Joe Telephone: (970) 856-3281

Formation Name: Gravel Geologic Age: Quaternary

152 North D-22 Pit

T 15 S R 94 W Section: 7 Qtr Sec: N Topo Map: Orchard City Primary Product: Sand and gravel Permit ID: M1999014

2nd Product: Sand and graves

Commodity Type: Aggregate

Geologic Age: Quaternary

Commodity Type: Aggregate

County: Delta

County: Delta

3rd Product: Mine Type: Surface

Estimated Annual Production: 15,000

Comments:

Operator: Western Gravel, Inc.
Address: 3001 N. Townsend Ave.

Montrose CO 81401-0000

Contact: DeVincentis Judy Telephone: (970) 249-2431

Formation Name: Alluvium

Pit No 1 County: Delta

T 15 S R 95 W Section: 18 Qtr Sec: N Topo Map: North Delta
Primary Product: Sand and gravel Permit ID: M1977020

3rd Product: Mine Type: Surface

Estimated Annual Production: 275,000

Comments:

2nd Product:

154

Operator: Oldcastle SW Group, Inc. dba United Companies of Mesa County

Address: P.O. Box 3609

Grand Junction CO 81502-0000

Contact: Johnson Richard Telephone: (970) 243-4900

Formation Name: Alluvium Geologic Age: Quaternary

156 River Bottom Land Gravel

T 14 S R 92 W Section: 1 Qtr Sec: NE Topo Map: Paonia

Primary Product: Gravel Permit ID: M1992100

2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: Minimal

Comments:

Operator: River Bottom Land Corporation

Address: 1494 Hwy, 133

Paonia CO 81428-0000

Contact: Farnsworth Patricia Telephone: (970) 527-4434

Formation Name: Alluvium Geologic Age: Quaternary

County: Delta Tri-County Gravel T 14 S R 92 W Section: 29 Qtr Sec: N Topo Map: Hotchkiss Primary Product: Sand and gravel Permit ID: M1977205 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Comments: Operator: Richard E. Curry Marilyn L. Curry dba Tri-County Gravel Address: P.O. Box 566 Hotchkiss CO 81419-0000 Contact: Richard Telephone: (970) 872-3545 Curry Formation Name: Alluvium Geologic Age: Quaternary County: Dolores H & H Ouarry #1 160 T 39 N R 18 W Section: 6 Qtr Sec: N Topo Map: Champagne Spring Primary Product: Sandstone Permit ID: M1998005 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: H & H Stone Address: P.O. Box 162 Dove Creek CO 81324-0000 Contact: Holley Fred Telephone: (970) 677-2767 Formation Name: Dakota Sandstone Geologic Age: Cretaceous

162 Larimore-Funk Pit

T 41 N R 19 W Section: 2 Qtr Sec: N Topo Map: Dove Creek
Primary Product: Sandstone Permit ID: M1996035
2nd Product: Commodity Type: Aggregate
3rd Product: Mine Type: Surface

Estimated Annual Production: Intermittent production

Comments:

Operator: Richard Knuckles
Address: P.O. Box 303

ress: P.O. Box 303

Dove Creek CO 81324-0000

Contact: Knuckles Richard Telephone: (970) 677-2317

Formation Name: Dakota Sandstone Geologic Age: Cretaceous

158 Bowie No. 2 Mine

T 13 S R 91 W Section: 10 Qtr Sec: S Topo Map: Electric Mountain

Primary Product: Coal

Permit ID: C1996083

County: Delta

County: Dolores

County: Dolores

2nd Product: Commodity Type: Coal
3rd Product: Mine Type: underground

Estimated Annual Production: 5,388,947

Comments:

Operator: Bowie Resources Limited

Address: P.O. Box 483

Paonia CO 81428-0000

Contact: Bear W.A. Telephone: (970) 527-4135

Formation Name: Mesaverde Group Geologic Age: Cretaceous

161 H & H Quarry #2

T 39 N R 18 W Section: 6 Qtr Sec: N Topo Map: Champagne Spring

Primary Product: Sandstone Permit ID: M1998080
2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: 400

Comments:

Operator: H & H Stone Address: P.O. Box 162

Dove Creek CO 81324-0000

Contact: Holley Fred Telephone: (970) 677-2767

Formation Name: Dakota Sandstone Geologic Age: Cretaceous

163 Emma Mine

T 41 N R 11 W Section: 32 Qtr Sec: SE Topo Map: Dolores Peak Primary Product: Gold Permit ID: M1982226

2nd Product: Silver Commodity Type: Metal 3rd Product: Mine Type: underground

Estimated Annual Production: None reported in 2002

Comments: Shut-in

Operator: Specie Ridge Holding Company, Inc.

Address: P.O. Box 818

Dolores CO 81323-0000

Contact: Henkel Christoph Telephone: (970) 882-4800

Formation Name: Quartz veins Geologic Age: Tertiary-Cretaceous

County: Douglas 164 Braley S&G Pit No 1 T 6 S R 68 W Section: 19 Qtr Sec: NE Topo Map: Littleton Primary Product: Sand and gravel Permit ID: M1980020 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: 20.188 Comments: Operator: ARS Sand & Gravel Co., LLC Address: 8505 W. Mtn. View Ln. 08012-5000 Littleton CO Contact: Cottam John Telephone: (303) 791-7404 Formation Name: Alluvium Geologic Age: Quaternary County: Douglas 166 Lawrence Pit T 6 S R 68 Section: 29 Qtr Sec: SE Topo Map: Kassler Primary Product: Sand and gravel Permit ID: M1974041 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Comments: Operator: Lawrence Construction Company Address: 9002 N. Moore Rd. Littleton CO 80125-0000 Contact: Bill Telephone: (303) 791-5642 Lawrence Formation Name: Alluvium Geologic Age: Ouaternary 168 Oaklands Ranch County: Douglas T 8 S R 67 W Topo Map: Castle Rock North Section: 1 Qtr Sec: NE Primary Product: Gravel Permit ID: M1989092 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: 28,360 Comments: Operator: Oaklands Ranch Address: 1613 N. Perry Park Rd. Sedalia CO 80135-8511

County: Douglas 165 Douglas County Sand & Gravel S R 67 W T 9 Section: 4 Qtr Sec: SE Topo Map: Dawson Butte Primary Product: Sand and gravel Permit ID: M1983089 Commodity Type: Aggregate 2nd Product: Stone 3rd Product: Mine Type: Surface Estimated Annual Production: 300,000 Comments: Operator: Douglas County Sand & Gravel, LLC Address: 5360 Sunset Dr. Littleton CO 80133-0000 Contact: Misken Jim Telephone: (303) 797-6013 Formation Name: Gravel Geologic Age: Quaternary County: Douglas 167 McLain Pit S R 66 w Section: 3 Topo Map: Castle Rock North Qtr Sec: SE Primary Product: Sand and gravel Permit ID: M1977117 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 200 000 Comments: Operator: Schmidt Construction Company Address: 2635 Delta Dr. Colorado Spring CO 80910-0000 Contact: Davis Scott Telephone: (719) 392-4207 Formation Name: Alluvium Geologic Age: Quaternary Plum Creek Pit County: Douglas T 7 S R 68 W Section: 10 Qtr Sec: SE Topo Map: Sedalia Primary Product: Sand and gravel Permit ID: M1981129 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year Comments: Owned by Lafarge Operator: Mobile Premix Concrete, Inc. Address: 1590 W. 12th Ave. Denver CO 80204-0000 Contact: Telephone: (303) 657-4425 Formation Name: Gravel Geologic Age: Quaternary

Contact:

Curtis

Formation Name: Gravel

David

Telephone: (303) 688-4285

Geologic Age: Quaternary

County: Douglas Castle Rock Ouarry T 8 S R 67 W Section: 23 Qtr Sec: Topo Map: Castle Rock South Primary Product: Rhyolite Permit ID: M1985062 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: Minimal Comments: Operator: Ames Construction, Inc. Address: 18450 E. 28th Ave. CO 80011-0000 Aurora Contact: Ames Larry Telephone: (303) 363-1000 Formation Name: Ash flow tuff Geologic Age: Eocene Pioneer Mine County: Douglas S R 66 W Section: 35 Qtr Sec: S Topo Map: Castle Rock North Primary Product: Clay Permit ID: M1977252 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Comments: Operator: Robinson Brick Company Address: 1845 W. Dartmouth Ave. Englewood 80110-0000 Contact: Leidich Michael Telephone: (303) 783-3047 Formation Name: Upper Dawson Fm Geologic Age: Tertiary-Cretaceous Stevens Clay Lease County: Douglas T 7 S R 66 W Section: 8 Qtr Sec: Topo Map: Castle Rock North Primary Product: Clay Permit ID: M1996064 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Comments: Operator: The Denver Brick Company Address: 401 Prairie Hawk Dr. Castle Rock CO 80104-0000 Contact: Vines Gary Telephone: (303) 688-6951 Formation Name: Upper Dawson Fm Geologic Age: Tertiary-Cretaceous

Hogback Mine T 6 S R 69 W Section: 35 Qtr Sec: S Topo Map: Kassler Primary Product: Clay Permit ID: M1980245 2nd Product: Commodity Type: Industrial mineral Mine Type: Surface 3rd Product: Estimated Annual Production: Not disclosed Comments: Operator: Robinson Brick Company Address: 1845 W. Dartmouth Ave. Denver CO 80110-1308 Contact: Leidich Michael Telephone: (303) 783-3047 Formation Name: Dakota Geologic Age: Cretaceous County: Douglas Ouinn Ouarry 173 T 10 S R 69 W Section: 34 Qtr Sec: NE Topo Map: Dakan Mountain Permit ID: M1991147 Primary Product: Limestone 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: 350 Comments: Operator: Stone Forge Address: 620 W Henrietta Ave. Woodland Park CO 80866-0000 Telephone: (719) 687-9718 Contact: Ouinn Jack Formation Name: Maniton Limestone Geologic Age: Ordovician Ute Mine County: Douglas 175 S R 68 W Section: 11 Qtr Sec: NE Topo Map: Sedalia Primary Product: Clay Permit ID: M1979221 2nd Product: Commodity Type: Industrial mineral Mine Type: Surface 3rd Product: Estimated Annual Production: Not disclosed Comments: Operator: Robinson Brick Company Address: 1845 W. Dartmouth Ave. 80110-1308 CO Denver Contact: Michael Telephone: (303) 783-3047 Leidich Geologic Age: Tertiary-Cretaceous Formation Name: Upper Dawson Fm

County: Douglas

County: Eagle 176 | Calhoun-Eaton Pit T 5 S R 82 W Section: 5 Qtr Sec: N Topo Map: Edwards Permit ID: M1981029 Primary Product: Sand and gravel Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: 250,000 Comments: Operator: B & B Excavating, Inc. Address: P.O. Drawer 1729 Edwards CO 81632-1729 Contact: Burkey Jason Telephone: (970) 926-3311 Formation Name: Gravel Geologic Age: Ouaternary County: Eagle Chambers Pit T 4 S R 84 W Section: 31 Qtr Sec: Topo Map: Eagle Primary Product: Sand and gravel Permit ID: M1980136 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year Comments: Owned by Lafarge Operator: Western Mobile Northern, Inc. Address: 1590 W. 12th Ave. Denver CO 80204-0000 Contact: Tuttle Gary Telephone: (303) 657-4123 Formation Name: Gravel Geologic Age: Ouaternary County: Eagle 180 Dotsero Quarry T 4 S R 86 W Section: 34 Qtr Sec: N Topo Map: Dotsero Primary Product: Basalt Permit ID: M1987074 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: 9.100 Comments: Operator: Robert V Mayne Address: P.O. Box 175 CO 81637-0000 Gypsum Contact: Mayne Robert Telephone: (970) 524-7733 Formation Name: Basalt flows Geologic Age: Ouaternary

County: Eagle Carol Ann Pit 177 S R 85 W T 5 Section: 4 Qtr Sec: N Topo Map: Gypsum Permit ID: M1997026 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: B & B Excavating, Inc. Address: P.O. Box 1729 Edwards CO 81632-0000 Contact: Burkey Jason Telephone: (970) 926-3311 Formation Name: Gravel Geologic Age: Ouaternary County: Eagle Colorado River Pit 179 Section: 34 Qtr Sec: NE Topo Map: Dotsero Primary Product: Sand and gravel Permit ID: M1979098 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: B & B Excavating, Inc. Address: P.O. Box 1729 Edwards CO 81632-1729 Contact: Burkey Jason Telephone: (970) 926-3311 Formation Name: Alluvium Geologic Age: Quaternary County: Eagle 181 Eagle County Gravel Pit S R 83 W Section: 5 Qtr Sec: Q Topo Map: McCoy Primary Product: Sand and gravel Permit ID: M1977046 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: James I . Matlock Address: 20285 Hwy. 131 Bond CO 80423-0000 Contact: Matlock James Telephone: (970) 653-4340 Formation Name: Alluvium Geologic Age: Ouaternary

County: Eagle County: Eagle Gypsum Ranch Sand & Gravel Pit 183 Gypsum Schmidt Pit 182 T 5 S R 85 W S R 85 W Section: 3 Qtr Sec: Topo Map: Gypsum T 5 Section: 4 Qtr Sec: SE Topo Map: Gypsum Primary Product: Gravel Permit ID: M1998014 Primary Product: Sand and gravel Permit ID: M1983097 Commodity Type: Aggregate 2nd Product: 2nd Product: Commodity Type: Aggregate 3rd Product: 3rd Product: Mine Type: Surface Mine Type: Surface Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year Estimated Annual Production: 1,300 Comments: Owned by Lafarge Comments: Operator: Western Mobile, Inc. Operator: Ernst Lehmann 1590 W. 12th Ave. Address: P.O. Box 150 Address: 08163-2000 Denver CO 80204-0000 Edwards CO Fritz Telephone: (970) 926-3777 Contact: Tuttle Telephone: (303) 657-4123 Contact: Schmidt Gary Formation Name: Gravel Geologic Age: Ouaternary Formation Name: Gravel Geologic Age: Quaternary County: Eagle County: Eagle 185 McNulty Cinder Pit Hidden Valley Gravel Pit S R 87 W S R 86 W Section: 30 Qtr Sec: SE Topo Map: Dotsero Section: 9 Qtr Sec: NE Topo Map: Leon Primary Product: Sand Permit ID: M1998024 Permit ID: M1980003 Primary Product: Basalt 2nd Product: Gravel 2nd Product: Commodity Type: Aggregate Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: 13.000 Comments: Shut-in Comments: Operator: Gary K. and Sarah L. McNulty Operator: B & B Excavating, Inc. Address: P.O. Drawer 523 Address: 7747 CR 100 CO 81623-0000 81632-0000 Carbondale Edwards CO Contact: Sarah Telephone: (970) 963-4829 Contact: Burkey Jason Telephone: (970) 926-3311 McNulty Geologic Age: Pliocene-Miocene Formation Name: Basalt flows Formation Name: Alluvium Geologic Age: Ouaternary County: Eagle County: Eagle Montgomery Pit 186 | Minturn Pit T 5 S R 81 W Section: 35 Qtr Sec: NE Topo Map: Minturn T 5 S R 85 W Section: 1 Qtr Sec: NE Topo Map: Eagle Primary Product: Sand and gravel Permit ID: M1996010 Primary Product: Sand and gravel Permit ID: M1986104 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 15.000 Estimated Annual Production: None reported in 2002 Comments: Comments: Shut-in Operator: Chadwick Construction Operator: B & B Excavating, Inc. Address: 375 Pine St. Address: P.O. Box 1729 81645-0000 Minturn CO Edwards CO 81632-0000 Contact: Chadwick Lawrence Telephone: (970) 827-5877 Contact: Telephone: (970) 926-3311 Burkey Jason

Formation Name: Gravel

Geologic Age: Ouaternary

Geologic Age: Ouaternary

Formation Name: Gravel

County: Eagle County: Eagle New Borrow Pit 189 Lehmann Pit Staging Area No. 2 188 S R 85 W T 6 S R 81 W Section: 2 Qtr Sec: NE Topo Map: Minturn T 5 Section: 4 Qtr Sec: NE Topo Map: Gypsum Permit ID: M1994010 Primary Product: Borrow rock Primary Product: Sand and gravel Permit ID: M1998050 2nd Product: 2nd Product: Commodity Type: Aggregate Commodity Type: Aggregates 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Estimated Annual Production: Not disclosed Comments: Comments: Operator: Paramount Communications, Inc. Operator: Elam Construction, Inc. Address: c/o URS Corporation Address: 1225 S 7th St Denver CO 80237-0000 Grand Junction CO 81501-0000 Contact: Killingsworth Terrell Telephone: (303) 740-3882 Contact: Cates Jason Telephone: (970) 242-5370 Formation Name: Alluvium Geologic Age: Quaternary Formation Name: Gravel Geologic Age: Ouaternary County: Eagle County: Eagle Eagle-Gypsum Mine 191 Lazier Placer Mine S R 84 T 4 S R 85 W Section: 32 Qtr Sec: T 2 Section: 1 Topo Map: Gypsum Qtr Sec: S Topo Map: Castle Peak Permit ID: M1982165 Primary Product: Gypsum Primary Product: Gold Permit ID: M1984041 2nd Product: 2nd Product: Commodity Type: Industrial mineral Commodity Type: Metal 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 560,000 Estimated Annual Production: None reported in 2002 Comments: shut in; gold placer mine Comments: Operator: Centex Eagle Gypsum Company, L.L.C. Operator: Robert T. Lazier Address: P.O. Box 980 Address: 386 Hanson Ranch Rd. CO 81637-0000 Vail CO 81657-0000 Gypsum Stephen Lazier Contact: Onorofskie Telephone: (970) 524-9700 Contact: Robert Telephone: (970) 476-5610 Formation Name: Eagle Valley Evaporite Geologic Age: Middle Pennsylvanian Formation Name: Alluvium Geologic Age: Ouaternary County: El Paso County: El Paso "B" Street Project - Middle Pit "B" Street Project - North Pit T 15 S R 66 W Section: 4 Qtr Sec: SE T 15 S R 66 W Section: 4 Qtr Sec: SE Topo Map: Chevenne Mountain Topo Map: Chevenne Mountain Primary Product: Sand and gravel Permit ID: M1999071 Permit ID: M1999072 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: None reported in 2002 Comments: Shut-in Comments: Shut-in Operator: Pulpit Rock Investments, LLC Operator: Pulpit Rock Investments, LLC Address: 6385 Corporate Dr., Ste. 200 Address: 6385 Corporate Dr., Ste. 200 Colorado Spring CO 80919-0000 Colorado Spring CO 80919-0000

Novak

Formation Name: Alluvium

Jerry

Telephone: (719) 785-3239

Geologic Age: Quaternary

Contact:

Contact:

Novak

Formation Name: Alluvium

Јеггу

Telephone: (719) 785-3239

Geologic Age: Quaternary

County: El Paso "B" Street Project - South Pit T 15 S R 66 W Section: 4 Qtr Sec: SE Topo Map: Chevenne Mountain Primary Product: Sand and gravel Permit ID: M1999070 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Pulpit Rock Investments, LLC Address: 6385 Corporate Dr., Ste. 200 Colorado Spring CO 80919-0000 Contact: Novak Telephone: (719) 785-3239 Jerry Formation Name: Alluvium Geologic Age: Ouaternary County: El Paso Dellacroce Pit T 11 S R 67 W Section: 34 Qtr Sec: NE Topo Map: Monument Primary Product: Gravel Permit ID: M1993050 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: 75.000 Comments: Operator: Raymond F. & Robert W. Dellacroc Address: 2210 W. Baptist Rd. Colorado Spring CO 80921-0000 Contact: Dellacroce Robert Telephone: (719) 481-2452 Geologic Age: Quaternary Formation Name: Gravel County: El Paso Fountain Colony Pit T 16 S R 65 W Section: 18 Qtr Sec: Topo Map: Fountain Primary Product: Sand and gravel Permit ID: M1987171 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 350,000 (planned) Comments: Operator: Kiewit Western Co. 7926 S. Platte Canyon Rd. Address:

195 Daniels Sand Pit 2 T 15 S R 66 W Section: 3 Qtr Sec: Topo Map: Colorado Springs Primary Product: Sand and gravel Permit ID: M1973007SG 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 850,000 Comments: Operator: Transit Mix Concrete Address: 444 E. Costilla Colorado Spring CO 80903-1030 Contact: Fuller B.J. Telephone: (719) 475-0700 Formation Name: Alluvium Geologic Age: Ouaternary County: El Paso Falcon Site T 13 S R 63 W Section: 16 Qtr Sec: NE Topo Map: Haegler Ranch Primary Product: Sand and gravel Permit ID: M1986053 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: R E Monks Construction Co. Address: P.O. Box 25579 Colorado Spring CO 80936-0000 Contact: Good Dennis Telephone: (719) 495-3621 Formation Name: Alluvium Geologic Age: Ouaternary County: El Paso Fountain Pit T 16 S R 66 W Section: 13 Qtr Sec: N Topo Map: Fountain Primary Product: Sand and gravel Permit ID: M1982155 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: Estimated Annual Production: 950,000 Comments: Operator: Schmidt Construction Company Address: 2635 Delta Dr. Colorado Spring CO 80910-0000 Contact: Davis Scott Telephone: (719) 392-4207 Formation Name: Alluvium Geologic Age: Quaternary

County: El Paso

Contact:

Littleton

Formation Name: Alluvium

Collins

CO

Tony

80128-0000

Telephone: (303) 979-9330

Geologic Age: Ouaternary

County: El Paso Fountain Pit 199 T 16 S R 65 W Section: 18 Qtr Sec: S Topo Map: Fountain Primary Product: Sand and gravel Permit ID: M1981307 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year Comments: Owned by Lafarge Operator: Western Mobile Southern, Inc. Address: 1590 W. 12th Ave. 80204-0000 Denver CO Contact: Reckentine Eric Telephone: (303) 657-4330 Formation Name: Alluvium Geologic Age: Ouaternary County: El Paso 202 Goss Sand & Gravel T 13 S R 62 W Section: 7 Qtr Sec: S Topo Map: Haegler Ranch Permit ID: M1985140 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: New mine Operator: David Goss Address: Rt. 2, 6759 Ellicott Hwy. 80808-0000 Calhan CO Contact: Goss David Telephone: (719) 683-2415 Geologic Age: Ouaternary Formation Name: Alluvium County: El Paso 204 Houchin Gravel Pit T 13 S R 68 W Section: 15 Qtr Sec: Topo Map: Cascade Primary Product: Sand and gravel Permit ID: M1980249 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: Variable

80819-0000

Telephone: (719) 684-9285

Geologic Age: Ouaternary

Charles

Freeman Mine No 1 County: El Paso T 11 S R 61 W Section: 28 Qtr Sec: S Topo Map: Ramah South Primary Product: Sand and gravel Permit ID: M1986026 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: R E Monks Construction Co. Address: P.O. Box 25579 Colorado Spring CO 80936-0000 Contact: Good Dennis Telephone: (719) 495-3621 Formation Name: Alluvium . Geologic Age: Quaternary Hale Pit aka Earl's Pit County: El Paso T 12 S R 63 W Section: 24 Qtr Sec: S Topo Map: Haegler Ranch Primary Product: Sand and gravel Permit ID: M1981121 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Minimal Comments: Operator: Billy Hale and Bonnie Solberg Address: 7595 California Dr. Colorado Spring CO 80922-0000 Contact: Hale Billy Hale Telephone: (719) 495-2592 Formation Name: Alluvium Geologic Age: Ouaternary 205 Menzer Quarry County: El Paso T 16 S R 67 W Section: 32 Qtr Sec: N Topo Map: Mount Pittsburg Primary Product: Granite Permit ID: M1976009HR 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 880,000 Comments: Operator: Schmidt Construction Company Address: 2635 Delta Dr. Colorado Spring CO 80910-0000 Contact: Davis Scott Telephone: (719) 392-4207 Formation Name: Granite Geologic Age: Precambrian

Comments:

Contact:

Operator: Charles W Houchin

Formation Name: Glacial drift

Green Mountain CO

Houchin

Address: P.O. Box 162

County: El Paso Midway Pit 206 T 17 S R 65 W Section: 22 Qtr Sec: Topo Map: Buttes Primary Product: Sand and gravel Permit ID: M1988018 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Comments: Operator: Midway Aggregates, RLLP Address: P.O. Box 580 Rve CO 81069-0000 Telephone: (719) 489-3385 Contact: Baxter Joe Formation Name: Alluvium Geologic Age: Ouaternary Monks Plant No 1 County: El Paso T 13 S R 65 W Section: 5 Qtr Sec: NE Topo Map: Falcon NW Primary Product: Sand Permit ID: M1983193 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: R E Monks Construction Co. Address: P.O. Box 25579 Colorado Spring CO 80936-0000 Contact: Good Dennis Telephone: (719) 495-3621 Formation Name: Alluvium Geologic Age: Ouaternary County: El Paso Red Rock Canyon Pit 210 T 14 S R 67 W Section: 10 Qtr Sec: Topo Map: Manitou Springs Primary Product: Sand and gravel Permit ID: M1983122 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002

Comments: Shut in: temporary cessation Operator: Red Rock Canyon Corp. Address: P.O. Box 6539 Colorado Spring CO 80934-0000

Telephone: (719) 633-9041

Geologic Age: Ouaternary

Contact:

Magill

Formation Name: Alluvium

Donald

Telephone: (719) 635-0055

Geologic Age: Ouaternary

Mitchell Mine No 1 County: El Paso 207 T 12 S R 61 W Section: 5 Qtr Sec: NE Topo Map: Truckton Primary Product: Sand and gravel Permit ID: M1986025 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: R E Monks Construction Co. Address: P.O. Box 25579 Colorado Spring CO 80936-0000 Dennis Telephone: (719) 495-3621 Contact: Good Formation Name: Alluvium Geologic Age: Ouaternary County: El Paso Pikeview Ouarry T 13 S R 67 W Section: 9 Otr Sec: NE Topo Map: Cascade Primary Product: Limestone Permit ID: M1977211 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 1,000,000 Comments: Operator: Castle Concrete Company Address: P.O. Box 2379 80901-0000 Colorado Spring CO Telephone: (719) 598-0215 Contact: Paraday Rick Formation Name: Manitou Limestone Geologic Age: Cambrian County: El Paso Sand Creek Detention Pond 211 T 13 S R 65 W Section: 31 Qtr Sec: S Topo Map: Elsmere Primary Product: Sand and gravel Permit ID: M1998025 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: New mine Operator: BRE/Springs Ranch, LLC Address: 2 W. Cascade Ave. Ste. 1100 Colorado Spring CO 80907-0000

Contact:

Bock

Formation Name: Gravel

John

County: El Paso 212 Snyder Quarry T 13 S R 67 W Section: 32 Qtr Sec: N Topo Map: Cascade Primary Product: Limestone Permit ID: M1977210 Commodity Type: Aggregate 2nd Product: Mine Type: Surface and underground 3rd Product: Estimated Annual Production: 80,000 Comments: Operator: Castle Concrete Company Address: P.O. Box 2379 Colorado Spring CO 80901-0000 Paraday Telephone: (719) 598-0215 Contact: Rick Formation Name: Manitou Limestone Geologic Age: Cambrian County: El Paso Vollmer Road Pit T 13 S R 65 W Section: 5 Qtr Sec: Topo Map: Falcon NW Primary Product: Sand and gravel Permit ID: M1977174 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 125,000 Comments: Operator: Pioneer Sand Company, Inc. Address: P.O. Box 7650 Colorado Spring CO 80933-0000 Joe Contact: Kraig Telephone: (719) 599-8100 Formation Name: Alluvium Geologic Age: Quaternary County: El Paso 216 Calhan Clay Pit T 12 S R 62 W Section: 8 Qtr Sec: SE Topo Map: Calhan Permit ID: M1993080 Primary Product: Clay 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Comments:

Operator: Summit Pressed Brick & Tile Co. Address: P.O. Box 533 Pueblo CO 81002-0533 Contact: Welte Joseph Telephone: (719) 542-8278

Geologic Age: Tertiary-Cretaceous

County: El Paso Solberg Pit 213 T 13 S R 64 W Section: 21 Qtr Sec: NE Topo Map: Falcon Primary Product: Sand and gravel Permit ID: M1981044 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 95,000 Comments: Operator: Solberg Gravel LLC Address: 13745 Garrett Rd. Falcon CO 80831-0000 Contact: Solberg Bob Telephone: (719) 683-3198 Formation Name: Gravel Geologic Age: Quaternary County: El Paso 215 Apache 9 T 12 S R 62 W Section: 16 Qtr Sec: Topo Map: Calhan Primary Product: Clay Permit ID: M1978009 2nd Product: Sand and gravel Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Comments: Operator: Robinson Brick Company Address: 1845 W. Dartmouth Ave. Englewood CO 80110-0000 Contact: Leidich Michael Telephone: (303) 783-3047 Formation Name: Upper Dawson Fm Geologic Age: Tertiary-Cretaceous Andrews Pit #3 -- Mock Pit County: Elbert 217 T |9 S R 57 W Section: 29 Qtr Sec: NE Topo Map: Matheson NE Primary Product: Sand Permit ID: M1998075 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year Comments: Owned by Lafarge Operator: Western Mobile Southern, Inc. Address: 1590 W. 12th Ave. Denver CO 80204-0000 Telephone: (303) 657-4330 Contact: Reckentine Eric Formation Name: Gravel Geologic Age: Ouaternary

Formation Name: Upper Dawson Fm

County: Elbert 218 Big R Pit T 6 S R 64 W Section: 28 Qtr Sec: SE Topo Map: Cabin Gulch Primary Product: Sand and gravel Permit ID: M1988052 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Minimal Comments: Operator: Big R Construction Company Address: 43160 CR 17-21 Elizabeth CO 80107-0000 Contact: Thomas Gregory Telephone: (303) 841-3970 Formation Name: Alluvium Geologic Age: Ouaternary County: Elbert 220 Miller Gravel Pit S R 64 W Section: 28 Qtr Sec: NE Topo Map: Watkins SE Primary Product: Sand and gravel Permit ID: M1982112 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 100,000 Comments: Operator: Rick Hunt Address: 43160 CR 17-21 Elizabeth CO 80107-0000 Telephone: (303) 841-3970 Contact: Thomas Gregory Formation Name: Alluvium Geologic Age: Quaternary County: Elbert Pisel Gravel Pit 222 T 6 S R 59 W Section: 6 Qtr Sec: N Topo Map: Deer Trail Primary Product: Gravel Permit ID: M1991068 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Shirley A Pisel Address: 875 2nd Ave. 80105-0000 Deer Trail CO Contact: Pisel Shirley Telephone: (303) 769-4614

Geologic Age: Ouaternary

County: Elbert Freund Pit T 6 S R 64 W Section: 22 Qtr Sec: N Topo Map: Watkins SE Primary Product: Sand and gravel Permit ID: M1985003 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: 1,170 Comments: Operator: Running Creek Ranch Address: 15460 E. Batavia Dr. 80011-0000 Aurora CO Contact: Telephone: (303) 341-9310 Freund Joseph Formation Name: Alluvium Geologic Age: Ouaternary County: Elbert Patty's Pit 221 S R 57 W Section: 29 Qtr Sec: SE Topo Map: Matheson NE Primary Product: Sand and gravel Permit ID: M1998103 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Comments: Operator: Homer Monks Construction, Inc. Address: P.O. Box 1207 Limon 80828-0000 CO Patty Telephone: (719) 775-2328 Contact: Monks Formation Name: Gravel Geologic Age: Quaternary Bijou Clay Mine County: Elbert 223 S R 62 Topo Map: Kiowa NE Section: 11 Qtr Sec: N Primary Product: Clay Permit ID: M1997007 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Comments: Operator: The Denver Brick Company Address: 401 Prairie Hawk Dr. Castle Rock CO 80104-0000 Contact: Vines Gary Telephone: (303) 688-6951 Formation Name: Upper Dawson Fm Geologic Age: Tertiary-Cretaceous

Formation Name: Alluvium

County: Elbert **Buffalo No 1** 224 S R 62 W T 18 Section: 3 Qtr Sec: N Topo Map: Kiowa NE Primary Product: Clay Permit ID: M1978011 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Comments: Operator: Robinson Brick Company Address: 1845 W. Dartmouth Ave. Englewood CO 80110-0000 Contact: Leidich Michael Telephone: (303) 783-3047 Formation Name: Upper Dawson Fm Geologic Age: Tertiary-Cretaceous County: Elbert 226 DDD S | R 64 W Topo Map: Watkins SE Т 6 Section: 2 Qtr Sec: NE Primary Product: Clay Permit ID: M1984076 2nd Product: Commodity Type: Industrial mineral Mine Type: Surface 3rd Product: Estimated Annual Production: Not disclosed Comments: Operator: Robinson Brick Company Address: 1845 W. Dartmouth Ave. CO 80110-0000 Englewood Telephone: (303) 783-3047 Contact: Leidich Michael Geologic Age: Tertiary-Cretaceous Formation Name: Upper Dawson Fm County: Fremont 8 Mile Gravel Pit 228 T 18 S R 69 W Section: 34 Qtr Sec: SE Topo Map: Florence Primary Product: Sand and gravel Permit ID: M1987003 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: Estimated Annual Production: Not disclosed Comments: Operator: Rocky Mountain Materials & Asphalt, Inc. Address: 1910 Rand Ave. Colorado Spring CO 80906-0000

Telephone: (719) 473-3100

Geologic Age: Ouaternary

Dawson Mine County: Elbert 225 S R 62 W T 8 Section: 10 Qtr Sec: Topo Map: Big Gulch Primary Product: Clay Permit ID: M1977392 Commodity Type: Industrial mineral 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Comments: Operator: The Denver Brick Company Address: 401 Prairie Hawk Dr. Castle Rock CO 80104-0000 Contact: Spence Wayne Telephone: (303) 688-6951 Formation Name: Upper Dawson Fm Geologic Age: Tertiary-Cretaceous County: Elbert 227 Navaio Clay Pit S R 63 w T 6 Section: 31 Qtr Sec: N Topo Map: Kiowa NW Primary Product: Clay Permit ID: M1993004 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Comments: Operator: Robinson Brick Company Address: 1845 W. Dartmouth Ave. Denver CO 80110-1308 Contact: Michael Leidich Telephone: (303) 783-3047 Formation Name: Upper Dawson Fm Geologic Age: Tertiary-Cretaceous County: Fremont Ary Airport Pit T 18 S R 69 W Topo Map: Florence Section: 34 Qtr Sec: SE Primary Product: Sand and gravel Permit ID: M1991118 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Comments: Operator: J & J Materials Address: 1867 W. Costilla Plaza Pueblo West CO 81007-2209 Contact: Palider Telephone: (719) 547-2860 John Formation Name: Gravel Geologic Age: Quaternary

Contact:

Smith

Formation Name: Gravel

Tom

County: Fremont **Browns Pit** 230 T 19 S R 69 W Section: 21 Qtr Sec: N Topo Map: Florence Primary Product: Gravel Permit ID: M2001098 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 60,000 Comments: Operator: Custom Gravel Products Inc. Address: 6260 S. Vivian St. Littleton CO 80127-0000 Contact: Kimmick Anthony Telephone: (303) 933-9657 Formation Name: Alluvium Geologic Age: Ouaternary County: Fremont Canvon Dolomite Ouarry T 18 S R 70 W Section: 30 Qtr Sec: S Topo Map: Royal Gorge Primary Product: Dolomite Permit ID: M1977376 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Future mining Operator: Castle Concrete Company Address: P O Box 2379 Colorado Spring CO 80901-0000 B. J. Contact: Fuller Telephone: (719) 475-0700 Formation Name: Manitou Limestone Geologic Age: Cambrian County: Fremont Florence Pit T 19 S R 69 W Section: 16 Qtr Sec: NF Topo Map: Florence Primary Product: Sand and gravel Permit ID: M1995008 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Comments:

Operator: Fremont Paving & Redi-Mix, Inc.

Address: P.O. Box 841

Canon City CO 81215-0841

Contact: Ary John Telephone: (719) 275-3264

Formation Name: Alluvium Geologic Age: Quaternary

Canon City East Pit 231

T 19 S R 70 W Section: 1 Qtr Sec: S Topo Map: Canyon City

Primary Product: Sand and gravel

Permit ID: M1977559

Geologic Age: Ouaternary

County: Fremont

County: Fremont

County: Fremont

Commodity Type: Aggregate 2nd Product:

Mine Type: Surface 3rd Product:

Estimated Annual Production: Not disclosed

Comments:

Operator: Valco Canon City Concrete Div.

Address: P.O. Box 669

CO 81215-0669 Canon City

Contact: Randy Telephone: (719) 275-7441 Symons

Formation Name: Alluvium

Covote Ridge

R 69 W T 20 S Section: 2 Qtr Sec: Topo Map: Florence SE

Permit ID: M2000052 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate

Mine Type: Surface 3rd Product:

Estimated Annual Production: Not disclosed

Comments:

233

Operator: Rocky Mountain Materials & Asphalt, Inc.

Address: 1910 Rand Ave.

Colorado Spring CO 80906-0000

Contact: Smith Telephone: (719) 473-3100 Tom

Formation Name: Gravel Geologic Age: Ouaternary

Florence Sand & Gravel Pit

W Section: 21 Qtr Sec: N Topo Map: Florence Permit ID: M1992051

Primary Product: Sand and gravel

2nd Product: Commodity Type: Aggregate

Mine Type: Surface 3rd Product:

Estimated Annual Production: Not disclosed

Comments:

Operator: Florence Sand & Gravel

799 5th St. Address:

> Penrose CO 81240-0000

Del Contact: Rodarmel Telephone: (719) 372-6025

Formation Name: Alluvium Geologic Age: Quaternary

Page 39 of 214

County: Fremont 236 Fremont Paving & Redi-Mix Pit T 19 S R 69 W Section: 17 Qtr Sec: N Topo Map: Canyon City Permit ID: M1988093 Primary Product: Sand and gravel Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Fremont Paving & Redi-Mix, Inc. Address: P.O. Box 841 Canon City CO 81215-0841 Rellantoni Telephone: (719) 275-1280 Contact: Angela Formation Name: Gravel Geologic Age: Quaternary County: Fremont Grisenti Farms Gravel Pit 238 T 19 S R 69 Section: 13 Qtr Sec: NE Topo Map: Florence Primary Product: Sand and gravel Permit ID: M2001005 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Future mining Operator: Castle Concrete Company Address: P.O. Box 1030 Colorado Spring CO 80901-1030 Gerald Telephone: (719) 475-0700 Contact: Hermans Formation Name: Alluvium Geologic Age: Quaternary County: Fremont Holnam Gravel Pit 240 T 19 S R 69 W Section: 17 Qtr Sec: Topo Map: Canvon City

Permit ID: M1999035 Primary Product: Sand and gravel Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: 250,000 Comments: Operator: Castle Concrete Company

Address: P.O. Box 1030

80901-0000 Colorado Spring CO

Gerald Telephone: (719) 475-0700 Contact: Hermans

Geologic Age: Ouaternary Formation Name: Alluvium

G & V Gravel Pit

T 19 S R 68 w Section: 19 Qtr Sec: NF Topo Map: Florence

Primary Product: Gravel Permit ID: M1991144

County: Fremont

County: Fremont

County: Fremont

2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: Not disclosed

Comments:

Operator: Rocky Mountain Materials and Asphalt Inc.

Address: 1910 Rand Ave.

Colorado Spring CO 80906-0000

Contact: Mangone Rob Telephone: (719) 473-3100 Geologic Age: Quaternary Formation Name: Alluvium

Hardscrabble Pit

T 19 S R 68 Section: 19 Qtr Sec: NE Topo Map: Florence Primary Product: Sand and gravel Permit ID: M2000138

2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: 75,000

Comments:

Operator: Pioneer Sand Company, Inc.

Address: 5000 Northpark Dr.

Colorado Spring CO 80933-0000

Contact: Craig Joe Telephone: (719) 599-8100

Formation Name: Gravel Geologic Age: Quaternary

J&J Stone Pit No. 1

T 18 S R 70 W Section: 2 Qtr Sec: Topo Map: Cooper Mountain Permit ID: M1998030 Primary Product: Sandstone

2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: 12

Comments:

Operator: Double "S" Enterprises Address: 1608 Reservoir Rd.

> Canon City CO 81212-0000

Telephone: (719) 275-6091 Contact: Stock Joe

Formation Name: Dakota Sandstone Geologic Age: Cretaceous

McCumber Hill Pit County: Fremont 242 T 19 S R 70 W Section: 12 Qtr Sec: S Topo Map: Canyon City Primary Product: Sand and gravel Permit ID: M2000151 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Comments: Operator: Fremont Paving & Redi Mix, Inc. Address: P.O. Box 841 Canon City CO 81215-0841 Contact: Tug Telephone: (719) 275-3264 Martin Formation Name: Alluvium Geologic Age: Ouaternary County: Fremont 244 Penrose Ranch's T 19 S R 68 W Section: 19 Qtr Sec: NE Topo Map: Florence Primary Product: Sand and gravel Permit ID: M1992016 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Comments: Operator: Rocky Mountain Materials & Asphalt, Inc. Address: 1910 Rand Ave. Colorado Spring CO 80906-0000 Contact: Tom Telephone: (719) 473-3100 Smith Formation Name: Alluvium Geologic Age: Ouaternary County: Fremont Phillips Ranch Property Gravel Pit #2 T 20 S R 69 W Section: 1 Qtr Sec: N Topo Map: Florence SE Primary Product: Sand and gravel Permit ID: M2000046 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production

Comments:

Operator: Pioneer Sand Company, Inc.

Address: P.O. Box 7650

Colorado Spring CO 80933-0000

Contact: Mike Ausburn Telephone: (719) 599-8100

Formation Name: Gravel Geologic Age: Ouaternary 243 McKenzie Pit

T 19 S R 70 W Section: 2 Qtr Sec: SE Topo Map: Canvon City

Primary Product: Sand and gravel

Permit ID: M1980224

Geologic Age: Ouaternary

County: Fremont

Commodity Type: Aggregate 2nd Product:

3rd Product: Mine Type: Surface

Estimated Annual Production: Not disclosed

Comments:

Operator: Fremont Paving & Redi-Mix, Inc.

Address: P.O. Box 1720

Canon City CO 81215-0000

Telephone: (719) 275-1280 Contact: Bellantoni Angela

Formation Name: Alluvium

County: Fremont Phillips Ranch Property Gravel Pit

T 20 S R 69 W Section: 1 Qtr Sec: N Topo Map: Florence SE Primary Product: Gravel Permit ID: M1997097 2nd Product: Commodity Type: Aggregate

Mine Type: Surface 3rd Product:

Estimated Annual Production: Intermittent production

Comments:

245

Operator: Pioneer Sand Company, Inc.

Address: P.O. Box 7650

Colorado Spring CO 80933-0000

Telephone: (719) 599-8100 Contact: Kraig Joe

Formation Name: Gravel Geologic Age: Quaternary

Red Canyon Quarry

T 17 S R 68 Section: 1 Qtr Sec: NE Topo Map: Mount Pittsburg Permit ID: M1985043

Primary Product: Dolomite and granite

Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: Not disclosed

Comments:

2nd Product:

Operator: Red Canyon, LLC Address: 3131 Barrett Rd.

> 80926-0000 Colorado Spring CO

Contact: Stack Bob Telephone: (719) 576-0563

Geologic Age: Ordovician Formation Name: Limestone, granite

Precambrian

County: Fremont

County: Fremont South 40 Quarry T 17 S R 68 W Section: 14 Qtr Sec: NE Topo Map: Mount Pittsburg Primary Product: Sandstone Permit ID: M1990016 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: Estimated Annual Production: Intermittent production Comments: Moss rock mining Operator: High Plains Stone Company Address: P.O. Box 100 CO 80104-0000 Castle Rock Telephone: (303) 791-1862 Contact: Wagner Scott Formation Name: Dakota Sandstone Geologic Age: Cretaceous County: Fremont 250 T.H.E. Aggregate Source T 18 S R 70 W Section: 31 Qtr Sec: SE Topo Map: Royal Gorge Primary Product: Granite Permit ID: M1977193 2nd Product: Sand and gravel Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 286,500 Comments: Operator: Tezak Heavy Equipment Co., Inc. Address: 201 Tunnel Dr. 81212-3660 Canon City CO Contact: Tezak Daniel Telephone: (719) 269-1173 Formation Name: Granite Geologic Age: Precambrian 252 Tallahassee Pit County: Fremont T 16 S R 72 W Section: 30 Qtr Sec: N Topo Map: Cover Mountain Primary Product: Sand and gravel Permit ID: M1999003 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 3,000

Comments:

Operator: Jerald Seifert and Fred Lowry

Address: P.O. Box 305

Westcliffe CO 81252-0000

Telephone: (719) 783-2757 Contact: Seifert Mary

Formation Name: Gravel Geologic Age: Ouaternary Spotted Burro Pit

T 18 S R 69 W Section: 27 Qtr Sec: N Topo Map: Florence Primary Product: Sand and gravel Permit ID: M1979192

2nd Product:

Commodity Type: Aggregate

Geologic Age: Quaternary

County: Fremont

County: Fremont

County: Fremont

3rd Product: Mine Type: Surface

Estimated Annual Production: Minimal

Comments:

Operator: Pete Lien and Sons. Inc. dba Trans Colorado Concrete

Address: P.O. Box 767

Rapid City 57709-0440 SD

Contact: Craft Lecia Telephone: (605) 939-2693

Formation Name: Gravel

Table Mountain Quarry

T 17 S R 68 Section: 22 Qtr Sec: NE Topo Map: Mount Pittsburg Primary Product: Quartzite Permit ID: M1999004

2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: 150,000

Comments:

Operator: Castle Concrete Company

Address: P.O. Box 2379

Colorado Spring CO 80901-0000

Contact: Rick Paraday Telephone: (719) 598-0215

Formation Name: Ouartzite Geologic Age: Ordovician

253 Tezak No 2 Pit

T 48 N R 12 E Section: 22 Qtr Sec: S Topo Map: Arkansas Mountain

Primary Product: Sand and gravel Permit ID: M1981080 2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: 11.000

Comments:

Operator: Tezak Stone & Aggr Supply, Inc.

Address: 6200 CR 37

Texas Creek CO 81223-0000

Contact: Mike Telephone: (719) 275-1146 Tezak

Formation Name: Alluvium Geologic Age: Quaternary

Union Mill Hill Pit County: Fremont 254 T 19 S R 69 W Section: 16 Qtr Sec: NF Topo Map: Florence Primary Product: Sand and gravel Permit ID: M1981009 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Fremont Paving & Redi-Mix, Inc. Address: P.O. Box 1720 Canon City CO 81215-0841 Contact: Telephone: (719) 275-1280 Bellantoni Angela Formation Name: Alluvium Geologic Age: Quaternary County: Fremont Portland Limestone T 19 S R 68 W Section: 17 Qtr Sec: Topo Map: Florence Primary Product: Limestone Permit ID: M1977344 2nd Product: Commodity Type: Cement 3rd Product: Mine Type: Surface Estimated Annual Production: 8,000,000 Comments: Operator: Holcim (US) Inc. Address: 3500 SH 120 Florence CO 81226-0000 Wendi Telephone: (719) 784-6325 Contact: Abbott Formation Name: Niobrara Fm Geologic Age: Cretaceous County: Fremont Beaver Crk Clay Mine T 17 S R 69 W Section: 35 Qtr Sec: NE Topo Map: Phantom Canyon Primary Product: Clay Permit ID: M1977322 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Comments: Operator: Summit Brick & Tile Co.

T 48 N R 11 E Section: 20 Qtr Sec: NE Topo Map: Howard Primary Product: Sand and gravel Permit ID: M1978331 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: Estimated Annual Production: 5.200 Comments: Operator: Vallie Gravel, Inc. Address: 0365 Heather Ln. Howard CO 81233-0000 Contact: Dennis Giese Ed Zabrisk Telephone: (719) 942-3570 Formation Name: Gravel Geologic Age: Ouaternary 257 8-Mile Clay Mine T 18 S R 71 W Topo Map: Rice Mountain Section: 4 Qtr Sec: S Primary Product: Clay Permit ID: M1977320 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Comments: Operator: Summit Brick & Tile Co. Address: P.O. Box 533 Pueblo 81002-0533 CO Contact: Welte Joseph Telephone: (719) 542-8278 Geologic Age: Cretaceous-Jurassic Formation Name: Dakota Group Cherokee Clay Mine T 20 S R 70 W Section: 1 Qtr Sec: S Topo Map: Rockvale Primary Product: Clay Permit ID: M1977325 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Comments: Operator: Summit Pressed Brick & Tile Co. Address: P.O. Box 533 81002-0533 Pueblo CO Telephone: (719) 542-8278 Contact: Welte Joseph Telephone: (719) 542-8278 Formation Name: Vermejo Fm Geologic Age: Cretaceous-Jurassic Geologic Age: Cretaceous

255 Vallie Gravel Co.

County: Fremont

County: Fremont

County: Fremont

Contact:

Address: P.O. Box 533

Pueblo

Welte

Formation Name: Dakota Group

CO

Joseph

81002-0533

County: Fremont LBC Bentonite Pit 260 T 48 N R 11 E Section: 18 Qtr Sec: S Topo Map: Howard Primary Product: Bentonite Permit ID: M1977231 Commodity Type: Industrial mineral 2nd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: 1.000 Comments: Operator: First Bentonite Company Colorado Address: 215 Teller St. Salida CO 81201-0000 Contact: Wedige Paula **Telephone:** (719) 539-4693 Formation Name: Pierre Shale Geologic Age: Cretaceous County: Fremont 262 Maverick Placer T 49 N R 10 E Section: 7 Qtr Sec: SE Topo Map: Salida East Primary Product: Gypsum Permit ID: M1979206 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: 1,500 Comments: Operator: U S Soil Conditioning Company Address: P.O. Box 926 Salida CO 81201-0000 Contact: Telephone: (719) 539-3535 Lionelle Joseph Formation Name: Minturn Evaporite Geologic Age: Pennsylvanian County: Fremont 264 Mica White T 48 N R 11 E Section: 6 Qtr Sec: NE Topo Map: Howard Primary Product: Ouartzite Permit ID: M1992058 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production

Comments: Mine near intrusive contact, probably metamorphosed sandstone Operator: Colorado Quarries, Inc. Address: 270 S. 15th St. Canon City CO 81212-0000 Telephone: (719) 275-6894 Bill Contact: Tezak Formation Name: Sandstone Geologic Age: Permian-Pennsylvanian

County: Fremont Marrs Memorials 261 T 47 N R 12 E Section: 3 Qtr Sec: N Topo Map: Cotopaxi Primary Product: Granite Permit ID: M1977168 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Comments: Operator: Colorado Quarries, Inc. Address: 270 S. 15th St. Canon City CO 81212-0000 Contact: Tezak Bill Telephone: (719) 275-6894 Formation Name: Granite Geologic Age: Precambrian County: Fremont 263 Mica Lode T 18 S R 71 Section: 14 Qtr Sec: SE Topo Map: Royal Gorge Primary Product: Quartz monzonite Permit ID: M1977144 2nd Product: Mica Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Comments: Operator: Colorado Ouarries, Inc. Address: 270 S. 15th St. Canon City CO 81212-0000 Bill Contact: Tezak Telephone: (719) 275-6894 Formation Name: Quartz monzonite? Geologic Age: Precambrian County: Fremont Parkdale Project T 18 S R 72 W Section: 12 Qtr Sec: SE Topo Map: McIntyre Hills Primary Product: Granite Permit ID: M1997054 2nd Product: Gravel Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: N/A Comments: Operator: Agile Stone Systems, Inc. Address: P.O. Box 1026 Canon City CO 81215-0000 Telephone: (719) 276-2042 Contact: Harken Larry

Geologic Age: Precambrian

Formation Name: Granite

County: Fremont 266 | Patton Clay Mine T 17 S R 71 W Section: 25 Qtr Sec: Topo Map: Rice Mountain Primary Product: Clay Permit ID: M1998067 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Comments: Operator: Summit Brick & Tile Co. Address: P.O. Box 533 Pueblo CO 81002-0533 Contact: Welte Telephone: (719) 542-8278 Joseph Formation Name: Dakota Group Geologic Age: Cretaceous-Jurassic County: Fremont 268 Thorsen Mine T 18 S R 69 W Section: 8 Qtr Sec: S Topo Map: Canyon City Permit ID: M1981020 Primary Product: Gypsum 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Indian Springs Mining Address: 3257 CR 67 81240-0000 Penrose CO Contact: Henry Carlina Telephone: (719) 372-3907 Formation Name: Dakota Group Geologic Age: Cretaceous-Jurassic County: Garfield Blue Pit 270 |T |7 |S ||R |88 |W | Section: 25 Qtr Sec: SE Topo Map: Carbondale Primary Product: Sand and gravel Permit ID: M1981207 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: 338,000 Comments: Operator: Western Slope Aggregates

Stocks Clay Mine T 18 S R 70 W Section: 4 Qtr Sec: SE Topo Map: Copper Mountain Primary Product: Clay Permit ID: M1977324 Commodity Type: Industrial mineral 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Comments: Operator: Summit Brick & Tile Co. Address: P.O. Box 533 Pueblo CO 81002-0533 Contact: Welte Telephone: (719) 542-8278 Joseph Formation Name: Dakota Group Geologic Age: Cretaceous-Jurassic County: Fremont 269 Serc Surface Mine T 20 S R 70 W Section: 8 Qtr Sec: SE Topo Map: Rockvale Primary Product: Tungsten (scheelite) Permit ID: M1977294 2nd Product: Commodity Type: Metal Mine Type: Surface 3rd Product: Estimated Annual Production: None reported in 2002 Comments: Shut in: scheelite disseminated (3% WO3) in wall rock of structure in granite "several miles long 800' deep" Operator: Rocky Mountain Minerals Address: 1618 Willow St. Canon City CO 81212-0000 Contact: Knislev Edward Telephone: (719) 275-2507 Formation Name: Granitic rocks Geologic Age: Precambrian County: Garfield 271 Dere Pit S R 95 W Section: 35 Qtr Sec: S Topo Map: Rulison Primary Product: Sand and gravel Permit ID: M1980207 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: New mine Operator: Lafarge West, Inc. Address: P.O. Box 1149 Address: P.O. Box 2187 Carbondale CO 81623-0000 Ft. Collins CO 80522-0000 Contact: Roberts William Telephone: (970) 963-2296 Contact: Goettemoeller Julie Telephone: (970) 407-3669 Formation Name: Alluvium Geologic Age: Quaternary Formation Name: Gravel Geologic Age: Ouaternary

267

County: Fremont

County: Garfield 272 Dick Casev Concr Pit T 6 S R 93 W Section: 14 Qtr Sec: N Topo Map: Silt Permit ID: M1978349 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Dick Casey Concrete, Inc. Address: P.O. Box 1815 Rifle CO 81650-0000 Shawn Telephone: (970) 625-1464 Contact: Vondette Formation Name: Alluvium Geologic Age: Ouaternary County: Garfield 274 Loesch Pit T 6 S R 92 W Topo Map: Silt Section: 7 Qtr Sec: SE Primary Product: Sand and gravel Permit ID: M1981068 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 95,000 Comments: Operator: Grant Bros Const Ltd Address: P.O. Box 1027 Basalt CO 81621-0000 Contact: Grant Dan or Do Telephone: (970) 927-3201 Formation Name: Alluvium Geologic Age: Ouaternary County: Garfield 276 Mamm Creek Sand & Gravel T 6 S R 93 W Section: 11 Qtr Sec: SE Topo Map: Silt Primary Product: Sand Permit ID: M2000113 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface

Estimated Annual Production: None reported in 2002 Comments: New mine Operator: Roaring Fork Resources, Inc. Address: 14156 B Hwy. 82 Carbondale CO 81623-0000 Contact: Dick **Telephone:** (970) 963-0110 Stephenson Formation Name: Alluvium Geologic Age: Ouaternary

County: Garfield 273 Goldman Gravel Pit T 6 S R 92 W Section: 12 Qtr Sec: SE Topo Map: New Castle Primary Product: Gravel Permit ID: M1978279 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: 27,500 Comments: Operator: Flag Resources, Inc. Address: 1412 CR 311 New Castle CO 81641-0000 Contact: Frei Fred Telephone: (970) 876-2397 Formation Name: Alluvium Geologic Age: Quaternary County: Garfield Mahaffey Pit S R 95 т 6 w Section: 25 Qtr Sec: S Topo Map: Rulison Primary Product: Sand and gravel Permit ID: M1975037 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year Comments: Owned by Lafarge Operator: Lafarge West, Inc. Address: P.O. Box 2187 Ft. Collins CO 80522-0000 Contact: Goettemoeller Julie Telephone: (970) 407-3669 Formation Name: Gravel Geologic Age: Ouaternary Marblehead Lst Quarry County: Garfield T 6 |S | R | 89 w Section: 2 Qtr Sec: N Topo Map: Glenwood Springs Primary Product: Limestone Permit ID: M1977420 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Mid-Continent Resources, Inc. Address: P.O. Box 2115 Glenwood Sprin CO 81602-0000 Contact: Telephone: (970) 945-7148 Delaney Diane

Geologic Age: Mississippian

Formation Name: Leadville Limestone

Mid-Continent LST 278

County: Garfield

T 5 S R 89 W Primary Product: Limestone

Section: 36 Qtr Sec: SE

Topo Map: Glenwood Springs Permit ID: M1982121

2nd Product:

Commodity Type: Aggregate

3rd Product:

Mine Type: Surface

Estimated Annual Production: None reported in 2002

Comments: Shut-in

Operator: Pitkin Iron Corporation Address: 0755 Airport Rd.

> Glenwood Sprin CO 81601-0000

Contact:

Delaney

Robert

Telephone: (970) 945-0703

Formation Name: Leadville Limestone

Geologic Age: Mississippian

MMM/Chambers Pit

County: Garfield

IS | R | 93 | W |

Section: 11 Qtr Sec: S

Topo Map: Silt

Primary Product: Sand and gravel

Permit ID: M1979205

2nd Product:

Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: 175,000

Comments:

Operator: Oldcastle SW Group, Inc. dba United Companies of Mesa County

Address: P.O. Box 3609

81502-0000 Grand Junction CO

Contact: Johnson Richard

Telephone: (970) 243-4900

Formation Name: Alluvium

Geologic Age: Ouaternary

282 Powers Pit

Section: 26 Qtr Sec: S

County: Garfield

|S | R | 88 | W | Primary Product: Sand and gravel

Topo Map: Carbondale Permit ID: M1979134

2nd Product:

Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year

Comments: Owned by Lafarge Operator: Western Mobile, Inc. Address: 1590 W. 12th Ave.

Denver

CO 80204-0000

Contact:

Tuttle Garv Telephone: (303) 657-4123

Formation Name: Gravel

Geologic Age: Ouaternary

Mile Pond Gravel Pit

S R 93 W

Section: 15 Qtr Sec: N

Topo Map: Rifle

Primary Product: Sand and gravel

Permit ID: M1981109

County: Garfield

2nd Product:

Commodity Type: Aggregate

3rd Product:

т 6

Mine Type: Surface

Estimated Annual Production: None reported in 2002

Comments: Shut-in

Operator: William F Clough Address: P.O. Box 686

Rifle

CO 81650-0000

Contact:

Clough

W

Telephone: (970) 625-1625

Formation Name: Alluvium

Geologic Age: Ouaternary

Ortiz Gravel Pit 281

IS IR 95 W

Section: 35 Qtr Sec:

Topo Map: Rulison

County: Garfield

Primary Product: Sand and gravel

Permit ID: M1981205R Commodity Type: Aggregate

2nd Product: 3rd Product:

Mine Type: Surface

Estimated Annual Production: None reported in 2002

Comments: Shut-in

Operator: J.W. Earthmoving, Inc.

Address: 5454 CR 346

Silt

CO 81652-0000

Contact: Weinreis Joseph

Telephone: (970) 876-2524

Geologic Age: Ouaternary

Formation Name: Gravel

County: Garfield

S R 92 W Primary Product: Limestone

Rifle Ouarry

Section: 15 Qtr Sec: S

Topo Map: Rifle Falls Permit ID: M1985038

2nd Product: 3rd Product:

Commodity Type: Aggregate Mine Type: Surface

Estimated Annual Production: Minimal

Comments:

Operator: Colorado Lien Company

Address: P.O. Box 767

Rapid City Craft

57709-0000 SD

Contact:

Lecia

Telephone: (605) 342-7224

Formation Name: Leadville Limestone

Geologic Age: Mississippian

County: Garfield Sievers Pit 284 S R 88 W Т 7 Section: 18 Qtr Sec: Topo Map: Castle Creek Primary Product: Sand and gravel Permit ID: M1977098 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year Comments: Owned by Lafarge Operator: Western Mobile Northern, Inc. Address: 1590 W. 12th Ave. Denver CO 80204-0000 Tuffle Gary Telephone: (303) 657-4123 Contact: Formation Name: Gravel Geologic Age: Ouaternary County: Garfield 286 Snyder Pit T 6 S R 93 Topo Map: Rifle Section: 14 Qtr Sec: S Primary Product: Sand and gravel Permit ID: M2002008 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 5,000 (projected) Comments: Operator: Flag Resources, Inc. Address: 1412 311 Rd New Castle CO 81647-0000 Frei Fred Telephone: (970) 876-2397 Contact: Formation Name: Alluvium Geologic Age: Ouaternary County: Garfield 289 West Rifle Pit S R 93 W T 6 Section: 17 Qtr Sec: S Topo Map: Rifle Permit ID: M1995018 Primary Product: Gravel Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: 10,000; combined with West Rifle pit.

Comments: Operator: Central Aggregates, Inc. Address: P.O. Box 1877 Rifle CO 81650-0000

Telephone: (970) 625-3598

Geologic Age: Ouaternary

Gilbert

Silt Pit County: Garfield 285 S R 92 W т 16 Section: 11 Qtr Sec: Topo Map: Silt Primary Product: Sand and gravel Permit ID: M1981202SG 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 200,000 Comments: Operator: Flag Resources, Inc. Address: 1412 CR 311 New Castle CO 81641-0000 Contact: Frei Fred Telephone: (970) 876-2397 Formation Name: Alluvium Geologic Age: Quaternary County: Garfield Una Pit 287 S R 96 W Topo Map: Grand Valley Section: 34 Qtr Sec: N Primary Product: Sand and gravel Permit ID: M1980080 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Grand Junction Concrete Pipe Co. Address: P.O. Box 1849 Grand Junction CO 81502-0000 Contact: Settle Edward Telephone: (970) 243-4604 Formation Name: Alluvium Geologic Age: Ouaternary West Rifle Pit County: Garfield 288 l⊤l6 İSİİRİ93 İWİ Section: 17 Qtr Sec: NE Topo Map: Rifle Permit ID: M1981006 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: See other West Rifle Pit Data Comments: Operator: Central Aggregates, Inc.

Address: P.O. Box 1877

Rifle CO 81650-0000

Contact: Gilbert Telephone: (970) 625-3598 Lee

Formation Name: Alluvium Geologic Age: Ouaternary

Contact:

Lee

Formation Name: Alluvium

290 | McClane Canyon Mine County: Garfield T 7 S R 102 W Section: 21 Qtr Sec: NF. Topo Map: Howard Canyon Primary Product: Coal Permit ID: C1980004 2nd Product: Commodity Type: Coal 3rd Product: Mine Type: underground Estimated Annual Production: 323.011 Comments: Operator: Lodestar Energy, Inc. Address: 333 West Vine Street, Suite 1700 KY 40507-0000 Lexington Contact: Telephone: (606) 255-4006 Davis R. Eberly Formation Name: Mesaverde Group Geologic Age: Cretaceous Logan Wash County: Garfield S R 97 W Section: 25 Qtr Sec: NE Topo Map: Long Point Primary Product: Oil shale Permit ID: M1977424 Commodity Type: Energy mineral 2nd Product: 3rd Product: Mine Type: underground Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Occidental Oil Shale, Inc. Address: c/o Glenn Springs Holdings, Inc. 40509-0000 Lexington KY Contact: Miller Franklin Telephone: (859) 543-2100 Formation Name: Green River Fm Geologic Age: Eocene County: Gilpin Bates-Hunter Mine S R 73 W Section: 12 Qtr Sec: SE Topo Map: Central City Primary Product: Gold Permit ID: M1990041 2nd Product: Commodity Type: Metal 3rd Product: Mine Type: underground Estimated Annual Production: None reported in 2002

Comments: Shut-in Operator: Central City Consolidated Mng Address: c/o Hunter Gold Mining Corp Fort Lupton CO 80621-0000 Contact: Otten George Telephone: (970) 785-2538

County: Garfield 291 | Colony Shale Oil Pro S R 95 W T 7 Section: 6 Qtr Sec: S Topo Map: Parachute Permit ID: M1980047 Primary Product: Oil shale 2nd Product: Commodity Type: Energy mineral 3rd Product: Mine Type: underground Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Exxon Company, U.S.A. Address: C/O Exxon Mobil Corporation Houston TX 77252-2567 Contact: Patterson Brent Telephone: (281) 423-6248 Formation Name: Green River Fm Geologic Age: Eocene County: Garfield Long Ridge Shale Oil S R 95 W Section: 31 Qtr Sec: Topo Map: Forked Gulch Permit ID: M1978263UG Primary Product: Oil shale 2nd Product: Commodity Type: Energy mineral Mine Type: underground 3rd Product: Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Union Oil of California Address: 546 Main St. Ste. 404 Grand Junction CO 81501-0000 Contact: Brammer Richard Telephone: (970) 241-7632 Formation Name: Green River Fm Geologic Age: Eocene County: Gilpin 295 Lee No 2 Placer S R 72 W Section: 20 Qtr Sec: N Topo Map: Central City Permit ID: M1987072 Primary Product: Gold (placer) 2nd Product: Commodity Type: Metal 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut in; gold placer mine Operator: Stanley J Conner Address: P.O. Box 102073 Denver CO 80250-2073

Stanley

Contact:

Geologic Age: Tertiary Cretaceous

Conner

Formation Name: Alluvium

Telephone: (303) 722-9095

Geologic Age: Ouaternary

Formation Name: Quartz veins

County: Gilpin 296 Mackey Mine T 2 S | R | 73 | W | Section: 20 Qtr Sec: Topo Map: Central City Primary Product: Gold Permit ID: M1984013 Commodity Type: Metal 2nd Product: Silver 3rd Product: Copper Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: George E. Otten Address: 11438 CR 19 Fort Lupton CO 80621-0000 Otten Telephone: (970) 785-2538 Contact: George Geologic Age: Tertiary Cretaceous Formation Name: Ouartz veins County: Grand Colorado River Ranch Gravel Pit T 1 N R 80 W Section: 11 Qtr Sec: Topo Map: Junction Butte Primary Product: Sand and gravel Permit ID: M1981236 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: 27,500 Comments: Operator: Raymond C. Petersen Address: P.O. Box 832 Kremmling CO 80459-0000 Contact: Petersen Raymond Telephone: (970) 724-9327 Formation Name: Gravel Geologic Age: Ouaternary County: Grand 300 | Murphy Pit No 1 N R 76 W T 2 Section: 28 Qtr Sec: S Topo Map: Granby Primary Product: Sand and gravel Permit ID: M1980100 Commodity Type: Aggregate 2nd Product: 3rd Product:

Mine Type: Surface Estimated Annual Production: Not disclosed Comments: Operator: Cautrell & Sons Excavation Address: 637 CR 609 CO 80446-0000 Granby Contact: Dave Telephone: (970) 887-3826 Cautrell Formation Name: Gravel Geologic Age: Quaternary

County: Grand Brig Pit T 1 N R 80 W Section: 11 Qtr Sec: NE Topo Map: Junction Butte Permit ID: M1980027 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Bumgarner Ranches Address: P.O. Box 186 Kremmling CO 80459-0000 Contact: Telephone: (970) 724-9224 Bumgarner Gary Formation Name: Gravel Geologic Age: Quaternary County: Grand Morrow/Murphy Gravel Pit R 76 W Section: 12 Qtr Sec: SE Topo Map: Fraser Primary Product: Sand and gravel Permit ID: M1979187 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 250,000 Comments: Operator: Morrow & Sons, Inc. Address: P.O. Box 37 Fraser CO 80442-0000 Contact: Morrow Steven Telephone: (970) 726-5624 Formation Name: Gravel Geologic Age: Ouaternary Parshal Pit County: Grand 301 T 1 N R 78 W Section: 31 Qtr Sec: N Topo Map: Parshall Primary Product: Sand and gravel Permit ID: M1998034 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Comments: Operator: Mountain Park Concrete, Inc. Address: P.O. Box 856 Granby CO 80446-0000 Docheff, III Telephone: (970) 887-3444 Contact: M. Joe

Geologic Age: Ouaternary

Formation Name: Gravel

County: Grand Parshall Pit 302 N R 79 W Section: 11 Qtr Sec: NE Topo Map: Parshall Primary Product: Sand and gravel Permit ID: M1986019 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Hutton Contracting Co., Inc. Address: 3803 Headlight Mile Rd. Strasburg CO 80136-0000 Contact: Hutton Mark Telephone: (303) 622-4200 Formation Name: Gravel Geologic Age: Ouaternary County: Grand Yust Ranch Gravel Pit N | R | 80 | W | Section: 19 Qtr Sec: S Topo Map: Kremmling Primary Product: Sand and gravel Permit ID: M2000014 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Variable Comments: Operator: Yust Ranch Address: Box 246 881 Grand County 1 Kremmling CO 80459-0000 Contact: Yust Jim Telephone: (970) 724-3578 Formation Name: Alluvium Geologic Age: Quaternary County: Gunnison Conger Harvesting Area T 11 S R 88 W Section: 28 Qtr Sec: NE Topo Map: Marble Primary Product: Dimension stone Permit ID: M1998022 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 300 Comments: Operator: The Gallegos Corporation

81658-0000

Telephone: (970) 926-3737

Geologic Age: Pennsylvanian-

Mississippian

CO

Robert

Permit ID: M1983102 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Comments: Operator: Thompson Properties Address: P.O. Box 3 Granby CO 80446-0000 Telephone: (970) 887-2731 Contact: Thompson Ron Formation Name: Gravel Geologic Age: Ouaternary County: Gunnison August Nicolas Pit N R 6 w Section: 2 Qtr Sec: NE Topo Map: Washboard Rock Permit ID: M2002061 Primary Product: Borrow rock 2nd Product: Sand Commodity Type: Aggregate 3rd Product: Gravel Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Kirkland Construction LLLP Address: P.O. Box 580 Rve CO 81069-0000 Kirkland Telephone: (719) 489-3385 Contact: James Formation Name: Gravel Geologic Age: Ouaternary County: Gunnison Davenport Ranch Pit T 14 S R 89 W Section: 11 Qtr Sec: S Topo Map: West Beckwith Mtn Primary Product: Sand and gravel Permit ID: M1979023 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Permit in place, but no production for the past 10 years Operator: CCR & Associates, LLC Address: P O Box 10261 Greenville SC 29603-0000 Contact: Ronald Telephone: (864) 233-6225 Clement Formation Name: Alluvium Geologic Age: Quaternary

Section: 31 Qtr Sec: N

Thompson Resource

N R 78 W

303

County: Grand

Topo Map: Hot Sulphur Springs

Contact:

Address: P.O. Box 821

Vail

Gallegos, Jr.

Formation Name: Marble fragments from

Leadville LS

County: Gunnison 308 Dickerson Pit T 49 N R 2 lw l Section: 24 Qtr Sec: NE Topo Map: Big Mesa Permit ID: M1978305 Primary Product: Granite Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: 40,000 Comments: Operator: Warren & Sally Wilcox dba Gunnison Gravel & Earthmoving Address: P.O. Box 42 Gunnison CO 81230-0000 Contact: Wilcox Warren Telephone: (970) 641-3088 Geologic Age: Precambrian Formation Name: Granite County: Gunnison Raymond Pit T 11 S R 88 W Topo Map: Marble Section: 27 Qtr Sec: N Primary Product: Granite Permit ID: M1998023 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Robert V. Raymond Address: 4711 CR 3 81623-0000 Marble CO Contact: Robert Telephone: (970) 963-0833 Raymond Formation Name: Intermediate-Felsic Intrusive Geologic Age: Mid-Tertiary 312 Riverland Pit County: Gunnison T 14 S R 86 W Section: 12 Qtr Sec: Topo Map: Crested Butte Primary Product: Sand and gravel Permit ID: M1986028 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: Unknown Comments:

Hollenbeck Pit T 49 N R I E Section: 11 Qtr Sec: SE Topo Map: Signal Peak Permit ID: M1985023 Primary Product: Sand and gravel Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Comments: Operator: Hollenbeck, Inc. Address: P.O. Box 902. Gunnison CO 81230-0000 Contact: Hollenbeck Gene Telephone: (970) 641-0556 Formation Name: Alluvium Geologic Age: Ouaternary County: Gunnison 311 Ready Mix Pit T 49 N R 1 Section: 11 Qtr Sec: Topo Map: Gunnison Primary Product: Sand and gravel Permit ID: M1977023 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Comments: Operator: Valco Gunnison Concrete Division Address: P.O. Box 837 Gunnison CO 81230-0000 Contact: Ed Stewart Telephone: (970) 641-0951 Formation Name: Alluvium Geologic Age: Quaternary Rozman Pit County: Gunnison 313 T 14 S R 85 W Section: 13 Qtr Sec: NE Topo Map: Cement Mountain Primary Product: Sand and gravel Permit ID: M1981014 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Comments: Operator: Valco Gunnison Concrete Division Address: P.O. Box 837 Gunnison CO 81230-0000 Ed Contact: Stewart Telephone: (970) 641-0951 Formation Name: Glacial drift Geologic Age: Ouaternary

309

County: Gunnison

Address:

Contact:

Operator: Bingo Investment Co., LLC

Dallas

Hunt Formation Name: Glacial drift

5357 Vickery Blvd.

TX

Robert

75206-0000

Telephone: (214) 752-7100

Geologic Age: Ouaternary

Rudibaugh Pit County: Gunnison 314 T 49 N R 3 E Section: 4 Qtr Sec: NF. Topo Map: Parlin Primary Product: Sand and gravel Permit ID: M1995057 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Comments: Operator: Rudy Rudibaugh Address: 711 Ranch Parlin CO 81239-0000 Telephone: (970) 641-0666 Contact: Rudibaugh Rudy Formation Name: Alluvium Geologic Age: Ouaternary County: Gunnison Sea Horse Ranch West Grave Pit T 49 N R 1 E Section: 3 Qtr Sec: S Topo Map: Signal Peak Primary Product: Sand and gravel Permit ID: M2001113 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: N/A Comments: Operator: American Concrete and Gravel, LLC Address: 200 Industrial Park Rd. Gunnison CO 81230-0000 Telephone: (970) 641-2966 Contact: Gydesen Robert Formation Name: Gravel Geologic Age: Quaternary County: Gunnison 318 Vader Pit T 49 N R 1 Topo Map: Signal Peak Section: 3 Qtr Sec: SE Primary Product: Sand and gravel Permit ID: M1978287 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Comments: Operator: Valco Gunnison Concrete Division Address: P.O. Box 837 Gunnison CO 81230-0000

Ed

Telephone: (970) 641-0951

Geologic Age: Quaternary

Stewart

Formation Name: Alluvium

County: Gunnison Schmalz Const Pit 315 T 49 N R 1 W Section: 34 Qtr Sec: N Topo Map: Iris NW Permit ID: M1984069 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 10,000 Comments: Operator: Schmalz Construction Ltd. Address: 720 S. 8th St. Gunnison CO 81230-0000 Fred Telephone: (970) 641-2014 Contact: Schmalz Formation Name: Alluvium Geologic Age: Quaternary County: Gunnison Seahorse Pond E T 49 N R 1 Section: 10 Qtr Sec: N Topo Map: Signal Peak Permit ID: M1996044 Primary Product: Sand and gravel Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: N/A Comments: Operator: American Concrete & Gravel LLC Address: 200 Industrial Park Rd. Gunnison CO 81230-0000 Contact: Melvin Telephone: (970) 641-2966 Gydesen Formation Name: Alluvium Geologic Age: Quaternary County: Gunnison Whinnery Pit T 46 N R 4 W Section: 35 Qtr Sec: SE Topo Map: Lake City Permit ID: M1998055 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Helen Whinnery Address: 2557 State Hwy, 149 81243-0000 Powderhorn CO

Contact:

Whinnery

Formation Name: Alluvium

Helen

Telephone: (970) 641-1678

Geologic Age: Quaternary

Contact:

Wilcox 110 Site County: Gunnison 320 T 49 N R 1 E Section: 14 Qtr Sec: NF. Topo Map: Signal Peak Primary Product: Dirt and soil Permit ID: M1996028 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 2.600 Comments: Operator: Warren & Sally Wilcox dba Gunnison Gravel & Earthmoving Address: POBox 42 Gunnison CO 81230-0000 Warren Contact: Wilcox Telephone: (970) 641-3088 Formation Name: Alluvium Geologic Age: Ouaternary County: Gunnison 159 Sanborn Creek and Elk Creek mines T 13 S R 90 W Section: 7 Qtr Sec: NE Topo Map: Somerset Primary Product: Coal Permit ID: C1981022 2nd Product: Commodity Type: Coal Mine Type: underground 3rd Product: Estimated Annual Production: 2,859,560 **Comments:** Sanborn Creek closing 2003, Elk Creek opening 2004 (same permit) Operator: Oxbow Mining, LLC Address: 3737 Hwy 133 Somerset CO 81434-0000 Contact: Welt Kathy Telephone: (970) 929-5122 Formation Name: Mesaverde Group Geologic Age: Cretaceous Brown Derby Mine County: Gunnison Section: 3 Qtr Sec: NE T 49 N R 3 E Topo Map: Pitkin Permit ID: M1999074 Primary Product: Lepidolite, quartz, gemstones 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: underground Estimated Annual Production: Minimal Comments: Operator: Precious Offerings Minerals Exchange, Inc. Address: 1044 St. Hwy. 325 Rifle CO 81650-0000

Glvnda

Telephone: (970) 625-1188

Geologic Age: Tertiary

County: Gunnison Young Place 321 T 14 S R 85 W Section: 7 Qtr Sec: 9 Topo Map: Crested Butte Primary Product: Sand and gravel Permit ID: M1984191 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Comments: Operator: Robert T Allen Address: 1899 Rd. 8 Gunnison CO81230-0000 Contact: Allen Robert Telephone: (970) 641-0924 Formation Name: Gravel Geologic Age: Quaternary County: Gunnison West Elk Mine T 13 S R 90 Section: 16 Qtr Sec: NF. Topo Map: Somerset Primary Product: Coal Permit ID: C1980007 2nd Product: Commodity Type: Coal 3rd Product: Mine Type: underground Estimated Annual Production: 5.024.442 Comments: Operator: Mountain Coal Company, LLC Address: P.O. Box 591 Somerset CO 81434-0000 Contact: DiClaudio Eugene Telephone: (970) 929-5015 Formation Name: Mesaverde Group Geologic Age: Cretaceous 324 ||Yule Quarry County: Gunnison T 12 S R 88 W Section: 1 Qtr Sec: SE Topo Map: Marble Primary Product: Dimension stone marble Permit ID: M1999058 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: 4,000 Comments: Operator: Sierra Minerals Corporation Address: 6164 S. Newport St. Englewood CO 80111-0000 Rex Contact: Loesby Telephone: (303) 771-9610 Formation Name: Leadville Limestone Geologic Age: Mississippian

Contact:

Yoder

Formation Name: Andesitic lavas, breccias and

tuffs

Enterprise Mine County: Gunnison 325 T 12 S R 83 W Section: 14 Qtr Sec: S Topo Map: Pieplant Primary Product: Gold Permit ID: M1983068 2nd Product: Silver Commodity Type: Metal 3rd Product: Mine Type: underground Estimated Annual Production: None reported in 2002 Comments: Shut in: quartz veins in granite Operator: Roy F. Carpenter, MD Address: 123 Valley Dr. WA 99324-0000 College Place Contact: Telephone: (509) 525-2626 Carpenter Maurine Formation Name: Quartz veins Geologic Age: Mid-Tertiary County: Gunnison 327 ||Levicy Mine T 12 S R 83 W Section: 5 Qtr Sec: SE Topo Map: Italian Creek Primary Product: Silver Permit ID: M1978197 2nd Product: Lead Commodity Type: Metal Mine Type: Surface and underground 3rd Product: Estimated Annual Production: None reported in 2002 Comments: shut in-quartz veins in andesite Operator: Roy F. Carpenter, MD Address: 3456 F 3/4 Rd. Clifton 81520-8423 CO Contact: Hines Alex Telephone: (970) 464-0365 Formation Name: Quartz veins Geologic Age: Mid-Tertiary County: Hinsdale Martin - Poma Ranch T 38 N R 4 Section: 36 Qtr Sec: NE Topo Map: Oakbrush Ridge Primary Product: Sand and gravel Permit ID: M1981041 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface

Estimated Annual Production: 520

Comments:

Operator: Mathew Poma Address: P.O. Box 5796

> 81147-0000 Pagosa Springs CO

Contact: Poma Matt Telephone: (970) 731-5746

Formation Name: Gravel Geologic Age: Ouaternary

Gold Links Mine 326

T 51 N R 3.5 E Section: 36 Qtr Sec: S Topo Map: Fairview Peak

Primary Product: Silver Permit ID: M1987143

2nd Product: Gold Commodity Type: Metal 3rd Product: Mine Type: underground

County: Gunnison

County: Gunnison

County: Hinsdale

Estimated Annual Production: None reported in 2002

Comments: Shut in; quartz veins in granite Operator: Joel Fennem & M R Gydesen

Address: 229 CR 11

> Gunnison CO 81230-0000

Melvin Telephone: (970) 641-2399 Contact: Gydesen

Formation Name: Ouartz veins Geologic Age: Mid-Tertiary

Lucky Strike Lode 328

E T 48 N R 1 Section: 10 Qtr Sec: S Topo Map: Iris NW

Primary Product: Gold Permit ID: M1982020

Commodity Type: Metal 2nd Product: Silver Mine Type: underground 3rd Product:

Estimated Annual Production: None reported in 2002

Comments: Shut-in Operator: Melvin T Gydesen Address: 229 CR 11, Space No. 21

81230-0000 Gunnison CO

Contact: Melvin Telephone: (970) 641-2399 Gydesen

Formation Name: Ouartz veins Geologic Age: Mid-Tertiary

Golden Wonder Mine 330

T 43 N R 4 W Section: 10 Qtr Sec: N Topo Map: Lake San Cristobal Permit ID: M1978091UG

Primary Product: Gold

2nd Product: Commodity Type: Metal 3rd Product: Mine Type: underground

Estimated Annual Production: None reported in 2002

Comments: Shut-in

Operator: LKA International Inc.

Address: P. O. Box 821

Lake City CO 81235-0000

Contact: Barker Lance

Telephone: (970) 944-0155

Formation Name: Ouartz veins Geologic Age: Mid-Tertiary

County: Hinsdale Ute Mine 331 T 44 N R 5 lw l Section: 36 Qtr Sec: NF. Topo Map: Uncompandere Mine Permit ID: M1978092 Primary Product: Lead Commodity Type: Metal 2nd Product: Zinc 3rd Product: Silver Mine Type: underground Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: LKA International Inc. Address: P. O. Box 821 Lake City CO 81235-0000 Barker Lance Telephone: (206) 851-7486 Contact: Formation Name: Ouartz veins Geologic Age: Mid-Tertiary (veins) County: Huerfano 333 Leone-Gardner Gravel T 26 S R 69 w Section: 19 Qtr Sec: S Topo Map: Gardner Permit ID: M1985008 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Orlando & Rose Marie Martinez Address: I Kiowa Pueblo CO 81006-0000 Orlando Telephone: (719) 544-3237 Contact: Martinez Formation Name: Alluvium Geologic Age: Quaternary County: Huerfano 335 McKenna Limestone Quarry T 27 S R 64 W Section: 31 Qtr Sec: N Topo Map: Cucharas Reservoir Permit ID: M2000039 Primary Product: Limestone

Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002

Comments: Shut-in

Operator: Del Hur Industries, Inc.

Address: P.O. Box 883

Hermiston OR 97838-0000

Rick Telephone: (541) 567-8693 Contact: Hurworth

Formation Name: Niobrara Fm Geologic Age: Cretaceous 332 Ferrero Pit

T 30 S R 66 W Section: 6 Qtr Sec: S Primary Product: Sand and gravel

Topo Map: Santa Clara Permit ID: M2000028

County: Huerfano

County: Huerfano

County: Huerfano

2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: Minimal

Comments: In process of upgrading equipment

Operator: Mike A Ferrero Address: 34259 Hwv. 12

> Trinidad CO 81082-0000

Contact: Mike Ferrero Telephone: (719) 846-2176 Formation Name: Alluvium Geologic Age: Ouaternary

334 Marchiori Pit

T 28 S R 66 Section: 4 Topo Map: Walsenburg North Qtr Sec: NE Primary Product: Sand and gravel Permit ID: M1983059

2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: Intermittent production

Comments:

Operator: Walsenburg Sand & Gravel Co., Inc.

Address: P.O. Drawer 352

81089-0000 Walsenburg CO

Contact: Vezzani Evelyn Telephone: (719) 738-1883

Formation Name: Alluvium Geologic Age: Ouaternary

336 Pino Pit

T 27 S R 68 W Section: I Qtr Sec: NE Topo Map: Black Hills

Primary Product: Sand and gravel Permit ID: M2000118 Commodity Type: Aggregate 2nd Product:

3rd Product: Mine Type: Surface

Estimated Annual Production: 80,000

Comments:

Operator: DG Huskin Construction Company

Address: P.O. Box 61

Westmore CO 81253-0000

Contact: **Pounds** Richard Telephone: (719) 784-0415

Geologic Age: Quaternary Formation Name: Alluvium

County: Huerfano Rocky Flat Gravel T 29 S R 68 W Section: 32 Qtr Sec: SF Topo Map: Cucharo Primary Product: Sand and gravel Permit ID: M1982129 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Comments: Operator: L. Otto Goemmer Address: P.O. Box 165 La Veta CO 81055-0000 Telephone: (719) 742-3561 Contact: Goemmer Jacque Formation Name: Alluvium Geologic Age: Ouaternary Smith Gravel Pit County: Huerfano T 29 S R 68 W Section: 17 Qtr Sec: SE Topo Map: La Veta Primary Product: Sand and gravel Permit ID: M1982124 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: N/A Comments: Operator: Elk Valley Land and Trading Co., Ltd. Address: 5535 Hwy. 12 La Veta CO 81055-0000 Contact: Miller Anthony Telephone: (719) 742-5533 Formation Name: Alluvium Geologic Age: Ouaternary County: Huerfano Willis Pit |T |29 |S ||R |69 |W | Section: 2 Qtr Sec: NE Topo Map: La Veta Primary Product: Sand and gravel Permit ID: M1992003 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Comments: Ranch use only Operator: Silver Mountain Preserve, Inc. Address: 11850 CR 520 La Veta CO 81055-0000

Travis

Telephone: (719) 337-0791

Geologic Age: Quaternary

Crawford

Formation Name: Alluvium

County: Huerfano Sand Arroyo 338 T 28 S R 67 W Section: 27 Qtr Sec: N Topo Map: Ritter Arroyo Primary Product: Sand and gravel Permit ID: M1978283 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 20,000 Comments: Operator: Walsenburg Sand & Gravel, Inc. Address: Hwy. 10 CO 81089-0000 Walsenburg Contact: Vezzani Louis Telephone: (719) 738-1883 Formation Name: Alluvium Geologic Age: Ouaternary County: Huerfano 340 Vezzani T 28 S R 66 W Section: 3 Qtr Sec: N Topo Map: Walsenburg North Primary Product: Sand and gravel Permit ID: M1983021 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Walsenburg Sand & Gravel, Inc. Address: P.O. Drawer 352 Walsenburg CO 81089-0000 Telephone: (719) 738-1883 Contact: Vezzani Evelvn Formation Name: Alluvium Geologic Age: Ouaternary County: Jackson 342 Fairbanks Pit Topo Map: Gould Section: 33 Qtr Sec: SE Primary Product: Sand Permit ID: M2001050 2nd Product: Borrow rock Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Minimal; specific to highway job Comments: Operator: Western Mobile Northern, Inc. Address: P.O. Box 2187 80522-0000 Fort Collins CO

Telephone: (970) 407-3669

Geologic Age: Ouaternary

Goettemoeller Julie

Contact:

Formation Name: Gravel

Contact:

County: Jackson Holsinger Gravel Pit 343 N R 79 W Section: 3 Qtr Sec: T 8 Topo Map: Gould NW Permit ID: M1980052 Primary Product: Sand and gravel Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: F and K Holsinger Address: P.O. Box 37 CO 80480-0000 Walden Holsinger Keith Telephone: (970) 723-4587 Contact: Geologic Age: Ouaternary Formation Name: Alluvium County: Jackson Peterson Pit T 8 N R 78 W Section: 36 Qtr Sec: S Topo Map: Gould Primary Product: Sand and gravel Permit ID: M1995023 Commodity Type: Aggregate 2nd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: 2,000 Comments: Operator: Corkle Construction Address: Box 306 Walden 80480-0000 CO Contact: Corkle Harry Telephone: (970) 723-4676 Formation Name: Alluvium Geologic Age: Ouaternary County: Jackson 347 Sessions Gravel Pit T 9 N R 79 W Section: 9 Qtr Sec: Topo Map: Walden Primary Product: Sand and gravel Permit ID: M1984100 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: Variable

80480-0000

Telephone: (970) 723-4944

Geologic Age: Ouaternary

CO

Linda

County: Jackson John Rich Pit 344 N R 80 W T 7 Section: 32 Qtr Sec: S Topo Map: Coalmont Primary Product: Gravel Permit ID: M1987185 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Operator: Elam Construction, Inc. Address: 1225 S 7th St Grand Junction CO 81501-0000 Contact: Cates Jason Telephone: (970) 242-5370 Formation Name: Alluvium Geologic Age: Ouaternary County: Jackson Rocky Mountain Pit N R 78 Section: 4 Qtr Sec: S Topo Map: Eagle Hill Primary Product: Sand and gravel Permit ID: M1984054 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Comments: Operator: TBI Production Company Address: 555 17th St., Ste. 1850 Denver CO 80202-3918 Contact: Gimmeson Brant Telephone: (303) 285-5000 Formation Name: Alluvium Geologic Age: Ouaternary County: Jackson 348 State Line Ranch Pit T 11 N R 80 W Section: 13 Qtr Sec: SE Topo Map: Northgate Permit ID: M2000040 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Medicine Bow - Routt National Forest USDA Forest Service Address: Medicine Bow - Routt National Forest CO 82070-6535 Wyoming Contact: Telephone: (307) 745-2300 Formation Name: Alluvium Geologic Age: Quaternary

Comments:

Contact:

Operator: Glenn E Sessions & Sons, Inc.

Stephenson

Address: P.O. Box 1076

Walden

Formation Name: Alluvium

County: Jackson Williams/Illinois Gravel Pit Van Valkenburg Pit County: Jackson 350 T 6 N R 81 w N R 79 W Section: 23 Qtr Sec: NE Topo Map: Spicer Peak т 6 Section: 12 Qtr Sec: N Topo Map: Owl Ridge Primary Product: Sand and gravel Permit ID: M2002077 Primary Product: Sand and gravel Permit ID: M1997039 Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Estimated Annual Production: N/A Comments: Comments: Operator: Kirkland Construction, RLLP Operator: Wyatt Redi-Mix Co Address: PO Box 580 P.O. Box 1052 Address: Rye CO 81069-0000 Walden CO 80480-0000 Contact: Kirkland Telephone: (719) 489-4485 Telephone: (970) 723-4471 James Contact: Wyatt Richard Formation Name: Gravel Formation Name: Alluvium Geologic Age: Ouaternary Geologic Age: Ouaternary County: Jackson County: Jackson Wyatt Grav Pit No 2 Wyatt Gravel Pit 1 352 T 10 N R 79 W N R 79 W Section: 6 Qtr Sec: N Topo Map: Cowdrey Section: 20 Qtr Sec: S Topo Map: Walden Primary Product: Sand and gravel Permit ID: M1981278 Primary Product: Sand and gravel Permit ID: M1979170 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Mine Type: Surface 3rd Product: Estimated Annual Production: N/A Estimated Annual Production: N/A Comments: Comments: Operator: Wyatt Redi-Mix Operator: Wyatt Redi-Mix Address: P.O. Box 1052 Address: P.O. Box 1052 Walden 80480-0000 Walden CO 80480-0000 CO Contact: Wyatt Richard Telephone: (970) 723-4471 Contact: Wyatt Richard Telephone: (970) 723-4471 Formation Name: Alluvium Geologic Age: Quaternary Formation Name: Alluvium Geologic Age: Ouaternary County: Jefferson County: Jefferson **Bluestone Pit** 354 Bluestone Pit S R 70 S R 70 W Section: 4 Qtr Sec: Topo Map: Louisville Section: 16 Qtr Sec: Topo Map: Louisville Primary Product: Sand and gravel Permit ID: M1991035 Primary Product: Sand and gravel Permit ID: M1994045 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year Comments: Owned by Lafarge Comments: Owned by Lafarge Operator: Western Mobile, Inc. Operator: Western Mobile, Inc. Address: 1590 W. 12th Ave. Address: 1590 W, 12th Ave. Denver CO 80204-0000 CO 80204-0000 Denver Contact: Telephone: (303) 657-4425 Contact: Telephone: (303) 657-4425

Formation Name: Gravel

Geologic Age: Ouaternary

Geologic Age: Ouaternary

Formation Name: Gravel

County: Jefferson 355 Deer Creek Quarry T 6 S R 70 W Section: 12 Qtr Sec: NE Topo Map: Indian Hills Primary Product: Granite Permit ID: M1997014 Commodity Type: Aggregate 2nd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: 700,000 Comments: Operator: Aggregate Industries - WCR, Inc. Address: 3605 S. Teller St. Lakewood CO 80235-0000 Contact: Refer Mike Telephone: (303) 985-1070 Formation Name: Biotite gneiss Geologic Age: Precambrian County: Jefferson 357 Levden Pit S R 70 W Section: 34 Qtr Sec: Topo Map: Golden Primary Product: Sand and gravel Permit ID: M1983139 Commodity Type: Aggregate 2nd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: 125,000 Comments: Operator: Pioneer Sand Company, Inc. Address: P.O. Box 7650 Colorado Spring CO 80933-0000 Ine Telephone: (719) 599-8100 Contact: Kraig Formation Name: Gravel Geologic Age: Ouaternary County: Jefferson 359 Mt Olivet South Pit T 3 S R 69 W Section: 19 Qtr Sec: SE Topo Map: Golden Primary Product: Sand and gravel Permit ID: M1989127 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: Minimal Comments: Operator: Adolph Coors Company Address: P.O. Box 4030/CC 370

Golden Contact: 358 T 5 S R 70 2nd Product: 3rd Product: Comments: Contact: Refer 360 T 3 2nd Product: 3rd Product: Comments: Golden Contact:

County: Jefferson Golden Pit 356 S R 69 W T 3 Section: 20 Qtr Sec: Topo Map: Golden Primary Product: Sand and gravel Permit ID: M1977145 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Minimal Comments: Operator: Coors Brewing Company Address: Land & Water Res. Dept. #CC370 CO 80401-0000 Vaught Don Telephone: (303) 277-2028 Formation Name: Alluvium Geologic Age: Quaternary County: Jefferson **Morrison Quarry** w Section: 10 Qtr Sec: Topo Map: Morrison Primary Product: Granite Permit ID: M1973021 Commodity Type: Aggregate Mine Type: Surface Estimated Annual Production: 2,300,000 Operator: Aggregate Industries - WCR, Inc. Address: 3605 S. Teller St. CO 80235-0000 Lakewood Mike Telephone: (303) 985-1070 Formation Name: Felsic gneiss Geologic Age: Precambrian County: Jefferson Ralston Quarry IS | R | 70 | W | Section: 4 Qtr Sec: Topo Map: Golden Primary Product: Intrusive rock Permit ID: M1974086 Commodity Type: Aggregate Mine Type: Surface Estimated Annual Production: Not disclosed Operator: Asphalt Paving Company Address: 14802 W. 44th Ave. 80403-0000 CO Krattenmaker James Telephone: (303) 279-6611 Formation Name: Felsic intrusive Geologic Age: Tertiary Cretaceous

Contact:

Golden

Formation Name: Alluvium

Vaught

CO

Ken

80401-0000

Telephone: (303) 277-2756

Geologic Age: Ouaternary

Shaffers Crossing County: Jefferson 361 T 6 S R 71 W Section: 32 Qtr Sec: S Topo Map: Pine Permit ID: M1978208 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 3,000-4,000 Comments: Operator: Aspen Enterprises Address: 12383 Wamblee Valley Road Conifer CO 80433-0000 William Contact: Peterson Telephone: (303) 670-3160 Formation Name: Alluvium Geologic Age: Ouaternary County: Jefferson 363 Turkey Flats |S | R | 70 | W | Section: 36 Qtr Sec: Topo Map: Morrison Primary Product: Sand and gravel Permit ID: M1974136 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year Comments: Owned by Lafarge Operator: Western Mobile Denver Address: 1590 W. 12th Ave. CO 80204-0000 Denver Contact: Reckentine Eric Telephone: (303) 657-4330 Formation Name: Alluvium Geologic Age: Ouaternary

365 Chieftain South Mine	County: Jefferson
T 4 S R 70 W Section: 25 G	Otr Sec: Topo Map: Morrison
Primary Product: Clay	Permit ID: M1981148
2nd Product:	Commodity Type: Industrial mineral
3rd Product:	Mine Type: Surface
Estimated Annual Production: Not discl	osed
Comments:	

Comments:

Operator: Robinson Brick Company 1845 W. Dartmouth Ave. Address:

> Englewood CO 80110-0000

Leidich Michael Contact: Telephone: (303) 783-3047

Formation Name: Laramie Formation Geologic Age: Cretaceous Specification Aggregates Quarry

County: Jefferson Topo Map: Morrison

S R 70 W T 4 Section: 15 Qtr Sec: Primary Product: Granite

Permit ID: M1974004

2nd Product:

Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year

Comments: Owned by Lafarge Operator: Lafarge West, Inc. Address: 1590 W. 12th Ave.

> CO 80204-0000 Denver

Contact: Reckentine Eric Telephone: (303) 657-4336

Formation Name: Granite

Schwartzwalder 364 w

County: Jefferson Topo Map: Ralston Buttes

Primary Product: Uranium

S R 71

Permit ID: M1977300 Commodity Type: Energy mineral

Geologic Age: Precambrian

2nd Product: 3rd Product:

Mine Type: underground

Estimated Annual Production: None reported in 2002 Comments: Stopped mine production in March 2000

Operator: Cotter Corporation Address: P.O. Box 1017

Golden CO 80402-0000

Contact: Pierce Timothy Telephone: (303) 642-3893

Section: 25 Qtr Sec:

Formation Name: Felsic/hornblendic gneiss, veins Geologic Age: Tertiary-Cretaceous?

366 | Church Pit

Topo Map: Louisville

County: Jefferson

S R 70 W Primary Product: Illite Section: 9 Qtr Sec: SE

Permit ID: M1979045 Commodity Type: Industrial mineral

2nd Product: 3rd Product:

Mine Type: Surface

Estimated Annual Production: 15,000

Comments:

Operator: Lakewood Brick & Tile Company

Address: 1325 Jay St.

80214-0000 Lakewood CO

Thomas Contact: Murray Telephone: (303) 238-5313

Formation Name: Laramie-Fox Hills Fm

Geologic Age: Cretaceous

County: Jefferson County: Jefferson 367 Dakota Clay Pit 368 Doughty's Pit S R 70 W T 3 T 2 S R 71 W Section: 17 Qtr Sec: NE Topo Map: Golden Section: 12 Qtr Sec: N Topo Map: Eldorado Springs Primary Product: Clay Permit ID: M1989052 Primary Product: Illite Permit ID: M1975009 2nd Product: Commodity Type: Industrial mineral 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Estimated Annual Production: 3.000 Comments: Comments: Operator: The Denver Brick Company Operator: Lakewood Brick & Tile Company Address: 1325 Jay St. 401 Prairie Hawk Dr. Address: Castle Rock CO 80104-0000 Lakewood CO 80214-0000 Gary Contact: Vines Telephone: (303) 688-6951 Contact: Murray Thomas Telephone: (303) 238-5313 Formation Name: Dakota Geologic Age: Cretaceous Formation Name: Laramie-Fox Hills Fm Geologic Age: Cretaceous County: Jefferson County: Jefferson 369 Flintlock Clay Pit 370 Golden Mine T 3 S R 70 W S R 70 W T 3 Section: 16 Qtr Sec: N Topo Map: Golden Section: 16 Qtr Sec: Topo Map: Golden Primary Product: Clay Primary Product: Clay Permit ID: M1992120 Permit ID: M1976007UG 2nd Product: 2nd Product: Commodity Type: Industrial mineral Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Estimated Annual Production: Not disclosed Comments: Comments: Operator: Robinson Brick Company Operator: The Denver Brick Company Address: 401 Prairie Hawk Dr. Address: 1845 W. Dartmouth Ave. Denver CO 80110-1308 Castle Rock CO 80104-0000 Telephone: (303) 783-3047 Michael Contact: Contact: Leidich Vines Garv Telephone: (303) 688-6951 Formation Name: Dakota Geologic Age: Cretaceous Formation Name: Dakota Geologic Age: Cretaceous County: Jefferson County: Jefferson 371 | Lariat Pit 372 North Chieftain S R 70 W T 6 S R 69 W Section: 22 Qtr Sec: T 4 Section: 23 Qtr Sec: Topo Map: Littleton Topo Map: Morrison Primary Product: Clay Primary Product: Clay Permit ID: M1977251 Permit ID: M1978014 2nd Product: Commodity Type: Industrial mineral 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface and underground 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Estimated Annual Production: Not disclosed Comments: Comments: Operator: Robinson Brick Company Operator: Robinson Brick Company Address: 1845 W. Dartmouth Ave. Address: 1845 W. Dartmouth Ave. Denver CO 80110-1308 Englewood CO 08011-0000 Contact: Leidich Michael Telephone: (303) 783-3047 Contact: Leidich Michael Telephone: (303) 783-3047 Geologic Age: Cretaceous Formation Name: Laramie Formation Geologic Age: Cretaceous Formation Name: Granaros Shale

County: Jefferson Western Aggregates T 2 | S | R | 70 | W | Section: 5 Qtr Sec: NF Topo Map: Louisville Primary Product: Shale Permit ID: M1988108 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Comments: Shale expanded for lightweight aggregate Operator: TXI Operations LP dba Western Aggregates Address: 11728 Hwv 93 80303-0000 Boulder CO Contact: Feiner Telephone: (303) 499-1010 Garv Formation Name: Pierre Shale Geologic Age: Cretaceous County: Kit Carson Andrews S & G No 2 S R 45 |w| Section: 15 Qtr Sec: S Topo Map: Bethune Primary Product: Sand and gravel Permit ID: M1983074 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year Comments: Owned By Lafarge Operator: Andrews Sand & Gravel Address: 166 8th St. Burlington CO 80807-0000 Contact: Andrews Telephone: (719) 346-8811 Jerry Formation Name: Ogallala-derived gravel Geologic Age: Tertiary Fasse Pit County: Kit Carson S R 42 Topo Map: Kanorado Section: 5 Qtr Sec: NE Primary Product: Sand Permit ID: M1995009 Commodity Type: Aggregate 2nd Product: Gravel 3rd Product: Borrow rock Mine Type: Surface Estimated Annual Production: 75,000 Comments:

Operator: Fisher Sand and Gravel Co. Address: P.O. Box 1120

Contact: Leahy Ray Telephone: (605) 642-5760 Formation Name: Ogallala-derived gravel Geologic Age: Tertiary

SD

57783-0000

Andrews S & G No 1 374

S R 45 W Section: 11 Qtr Sec: S Topo Map: Bethune Permit ID: M1983073 Primary Product: Sand and gravel

2nd Product: Commodity Type: Aggregate

Mine Type: Surface 3rd Product:

Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year

Comments: Owned By Lafarge Operator: Andrews Sand & Gravel

Address: 166 8th St.

T 8

Burlington CO 80807-0000

Telephone: (719) 346-8811 Contact: Jerry Andrews Formation Name: Ogallala-derived gravel Geologic Age: Tertiary

Andrews S & G Pit #5 - Burlington 376

County: Kit Carson

County: Kit Carson

R 44 w S Section: 22 Qtr Sec: NE Topo Map: Burlington Permit ID: M1994002 Primary Product: Sand and gravel

2nd Product: Commodity Type: Aggregate

Mine Type: Surface 3rd Product:

Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year

Comments: Owned by Lafarge

Operator: Western Mobile Southern, Inc.

Address: 1590 W. 12th Ave.

Denver CO 80204-0000

Telephone: (303) 657-4330 Contact: Reckentine Fric Formation Name: Ogallala-derived gravel Geologic Age: Tertiary

Herman Ready Mix Pit

County: Kit Carson

S R 42 W T 8 Section: 26 Qtr Sec: S Topo Map: Kanorado Permit ID: M1996086 Primary Product: Sand

2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: Less than 10,000 tons

Comments:

Operator: Herman Ready Mix, Inc. Address: 2300 Colorado Ave.

> Burlington CO 80807-0000

Contact: Tom Telephone: (719) 346-5503 Herman

Formation Name: Alluvium Geologic Age: Quaternary

Spearfish

County: Kit Carson 379 Leoffler Pit S R 46 W Topo Map: Stratton T 19 Section: 1 Qtr Sec: S Primary Product: Borrow rock Permit ID: M2001110 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 10,500 Comments: Operator: Grasser Construction, Inc. Address: 18071 CR 31 CO 80836-0000 Stratton Contact: Grasser Daniel Telephone: (719) 348-5383 Formation Name: Ogallala-derived gravel Geologic Age: Tertiary County: Kit Carson Miltenberger Pit 381 S R 46 W Qtr Sec: S T |9 Section: 1 Topo Map: Alpine Ranch NE Permit ID: M2001111 Primary Product: Borrow rock 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 10,500 Comments: Operator: Grasser Construction, Inc. Address: 18071 CR 31 Stratton CO 80836-0000 Contact: Grasser Daniel Telephone: (719) 348-5383 Formation Name: Ogallala-derived gravel Geologic Age: Tertiary 383 County: Kit Carson Schulte Pit S R 47 W Section: 3 Qtr Sec: N Topo Map: Vona Primary Product: Sand and gravel Permit ID: M1999099 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Fisher Sand and Gravel Co. Address: P.O. Box 1120 SD 57783-7120 Spearfish

McCormick Pit County: Kit Carson 380 T 11 S R 46 W Section: 33 Qtr Sec: SE Topo Map: Alpine Ranch Primary Product: Sand and gravel Permit ID: M2001052 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: 8,000 Comments: Operator: Grasser Construction, Inc. Address: 18071 CR 31 Stratton CO 80836-0000 Contact: Grasser Daniel Telephone: (719) 348-5383 Formation Name: Ogallala-derived gravel Geologic Age: Tertiary 382 Morris Pit County: Kit Carson S R 49 W Т 111 Topo Map: Stratton 3 SE Section: 3 Qtr Sec: SE Primary Product: Sand and gravel Permit ID: M1990034 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Grasser Construction, Inc. Address: 18071 CR 31 80836-0000 Stratton CO Contact: Grasser Daniel Telephone: (719) 348-5383 Formation Name: Ogallala-derived gravel Geologic Age: Tertiary County: La Plata A.P.S. Trucking and Excavating, Inc. 384 T 34 N R 9 W Section: 9 Qtr Sec: S Topo Map: Loma Linda Primary Product: Borrow rock Permit ID: M2000103 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Minimal Comments: Operator: Allen P. Small Trucking & Excavation, Inc. Address: 13577 CR 213 - LA Posta Rd. Durango CO 81301-0000 Contact: Small Allen Telephone: (970) 259-2307 Formation Name: Alluvium Geologic Age: Ouaternary

Contact:

Leahy

Formation Name: Ogallala-derived gravel

Ray

Telephone: (605) 642-5760

Geologic Age: Tertiary

AGRI-DLD Gravel Pit County: La Plata 385 T 34 N R 9 w Section: 35 Qtr Sec: S Topo Map: Loma Linda Primary Product: Sand and gravel Permit ID: M2000030 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 60,000 Comments: Operator: AGRI-DLD, LLC Address: P.O. Box 367 Bayfield CO 81122-0000 Contact: Don Telephone: (970) 884-9533 Gosney Formation Name: Alluvium Geologic Age: Ouaternary County: La Plata Bar D Pit T 36 N R 9 |w| Section: 11 Qtr Sec: N Topo Map: Hermosa Primary Product: Sand and gravel Permit ID: M1977007 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 90,000 Comments: Operator: Four Corners Materials, Inc. dba Durango Construction Address: P.O. Box 2707 81302-0000 Durango CO Telephone: (970) 247-2172 Contact: Potter Monte Formation Name: Gravel Geologic Age: Ouaternary County: La Plata Craig Pit 389 T 34 N R 9 W Section: 9 Qtr Sec: S Topo Map: Loma Linda Primary Product: Sand and gravel Permit ID: M1976027 Commodity Type: Aggregate 2nd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: 75,000 Comments: Operator: Nielsons, Inc. Address: 22419 CR G Cortez CO 81321-0000 Contact: Wickstrom Craig Telephone: (970) 565-8461

Geologic Age: Ouaternary

County: La Plata Animas Valley Sand and Gravel 386 T 36 N R 9 w Section: 16 Qtr Sec: SE Topo Map: Hermosa Permit ID: M1987085 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Shut down Comments: Operator: Animas Valley Sand & Gravel Address: 29828 Hwy. 550 N. 81301-0000 Durango CO Telephone: (970) 247-0222 Contact: Hanks James Formation Name: Gravel Geologic Age: Ouaternary County: La Plata Bueno Lake #1 388 T 36 N R 9 w Section: 27 Qtr Sec: S Topo Map: Durango East Permit ID: M2002067 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 65,000 (projected) Comments: Operator: High Mountain Lakes Inc. Address: 27486 Hwy 550 N Durango CO 81301-0000 Telephone: (970) 247-9796 Contact: McCarthy Tim Formation Name: Gravel Geologic Age: Quaternary County: La Plata Cugnini Gravel Pit T 34 N R 9 W Section: 26 Qtr Sec: S Topo Map: Loma Linda Primary Product: Sand and gravel Permit ID: M1986061 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year Comments: Lafarge subleases this pit Operator: Patrick L. Cugnini Address: P.O. Box 367 81122-0000 Bayfiled CO Contact: Don Telephone: (970) 884-9533 Gosney

Geologic Age: Ouaternary

Formation Name: Gravel

Formation Name: Alluvium

County: La Plata Dalton Land & Cattle T 36 N R 9 W Section: I1 Qtr Sec: S Topo Map: Hermosa Primary Product: Sand and gravel Permit ID: M1987064 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: 3,250 Comments: Operator: Sandco, Inc. Address: P.O. Box 4440 Durango CO 81302-0000 Dillon David Telephone: (970) 247-1303 Contact: Formation Name: Gravel Geologic Age: Quaternary County: La Plata 393 Ewing Mesa Pit No.2 T 34 N R 9 Section: 33 Qtr Sec: SE Topo Map: Loma Linda Primary Product: Sand and gravel Permit ID: M2001053 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: 87,000 Comments: Operator: Four Corners Materials, Inc. Address: 25825 Hwy, 160 E. CO 81302-0000 Durango Contact: Monte Telephone: (970) 247-2172 Potter Formation Name: Gravel Geologic Age: Ouaternary County: La Plata Hermosa Meadows Grav T 36 N R 9 W Section: 11 Qtr Sec: Topo Map: Hermosa Permit ID: M1985033 Primary Product: Sand and gravel Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: 19,500 Comments: Operator: Hermosa Meadows Gravel, LLC. Address: P.O. Box 8325 Durango CO 81301-0000

Telephone: (970) 259-4720

Geologic Age: Ouaternary

County: La Plata Ewing Mesa Pit No 1 392 T 34.5N R 9 |w| Section: 33 Qtr Sec: SE Topo Map: Loma Linda Permit ID: M1992116 Primary Product: Gravel Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Four Corners Materials, Inc. dba Durango Construction Address: P.O. Box 2707 Durango CO 81301-0000 Contact: Potter Monte Telephone: (970) 247-2172 Formation Name: Gravel Geologic Age: Quaternary County: La Plata 394 Greer Pit T 33 N R 12 W Section: 8 Topo Map: Redmesa Qtr Sec: N Primary Product: Sand and gravel Permit ID: M1985115 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Comments: Operator: J Pat and Lila N Green Address: 8097 CR 100 Hesperous CO 81326-0000 Contact: Greer J. Pat Telephone: (970) 588-3325 Formation Name: Gravel Geologic Age: Quaternary County: La Plata 396 Hess Pit T 33 N R 9 w Section: 5 Qtr Sec: SE Topo Map: Loma Linda Primary Product: Sand and gravel Permit ID: M1986033 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Operator: Sunnyside Gravel Address: 9983 Hwy. 550 Durango CO 81301-0000 Contact: Hess Alton Telephone: (970) 247-1596 Formation Name: Gravel Geologic Age: Ouaternary

Contact:

Kreutzer

Formation Name: Alluvium

James

High Flume Gray Pit County: La Plata T 33 N R 10 W Section: 14 Qtr Sec: SE Topo Map: Long Mountain Primary Product: Gravel Permit ID: M1990093 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: High Flume Gravel Pit, Inc. Address: 350 High Flume Loop Durango CO 81303-0000 Dale Contact: Trenkle Telephone: (970) 247-8531 Formation Name: Alluvium Geologic Age: Quaternary County: La Plata Hubbs Pit T 33 N R 12 W Section: 13 Qtr Sec: N Topo Map: Pinkerton Mesa Primary Product: Sand and gravel Permit ID: M1987088 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 32,000 Comments: Operator: Ted R. Hubbs Family Trust Address: 7994 E. Saddleback Dr. Kingman AZ 86401-0000 Contact: Hubbs Barbara Telephone: (520) 692-6208 Formation Name: Gravel Geologic Age: Ouaternary County: La Plata Ignacio Pit No 2 T 33 N R 7 Section: 15 Qtr Sec: Topo Map: Tiffany Primary Product: Sand and gravel Permit ID: M1984145 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Gosney & Sons, Inc. Address: P.O. Box 367 81122-0000 Bayfield CO

Don

Telephone: (970) 884-9533

Geologic Age: Ouaternary

Horvath Pit No 1 County: La Plata T 34 N R 11 W Section: 18 Qtr Sec: SE Topo Map: Kline Primary Product: Sand and gravel Permit ID: M1977546 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Brice F Lee & Phyllis J Lee Address: 940 CR 119 CO 81326-0000 Hesperus Brice Telephone: (970) 588-3369 Contact: Lee Formation Name: Alluvium Geologic Age: Ouaternary County: La Plata Ignacio Pit 400 w T 32 N R 7 Section: 16 Qtr Sec: SE Topo Map: Tiffany Permit ID: M1992054 Primary Product: Sand and gravel Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Operator: Fesco, Inc. Address: P.O. Box 1895 Broomfield NM 87413-0000 Walter Telephone: (505) 326-2985 Contact: Bump Formation Name: Alluvium Geologic Age: Ouaternary County: La Plata 402 Isgar Pit T 34 N R 11 W Section: 10 Qtr Sec: SE Topo Map: Kline Primary Product: Sand and gravel Permit ID: M1995098 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Four Corners Materials, Inc. Address: Box 788 81323-0000 Dolores CO Richard Telephone: (979) 088-2723 Contact: **Tibbits**

Geologic Age: Ouaternary

Formation Name: Alluvium

Contact:

Gosney

Formation Name: Gravel

County: La Plata J & J Pit 403 T |34.5|S | R |9 W Section: 33 Qtr Sec: S Topo Map: Loma Linda Permit ID: M1985001 Primary Product: Sand and gravel Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: 20,000 Comments: Operator: Glacier Gravel Products Address: 995 Hwy. 3 Durango CO 81301-0000 Contact: Helmericks Jim Telephone: (970) 259-3995

Formation Name: Alluvium Geologic Age: Quaternary County: La Plata Montoya Pit T 34 N R 9 Section: 10 Qtr Sec: N Topo Map: Loma Linda Permit ID: M1980146 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface

Estimated Annual Production: 200,000

Comments:

Operator: C & J Gravel Products, Inc. Address: 27661 U.S. Hwy. 160 E.

> Durango CO 81301-0000

Contact: Gilleland John Telephone: (970) 385-4112

Formation Name: Alluvium Geologic Age: Ouaternary

County: La Plata Texas Creek Grav Pit

T 35 N R 7 W Section: 3 Qtr Sec: S Topo Map: Rules Hill Primary Product: Sand and gravel Permit ID: M1980143 2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: None reported in 2002

Comments: Shut-in Operator: Neil's Excavating Address: 486 CR 515

> CO 81137-0000 Ignacio

Contact: Telephone: (970) 884-2290 Neil Bruce

Formation Name: Alluvium Geologic Age: Ouaternary 404 Mesa Pit

T 36 N R 9 w Section: 15 Qtr Sec: SE Topo Map: Hermosa

County: La Plata

County: La Plata

County: La Plata

Primary Product: Sand and gravel Permit ID: M1977004SG

Commodity Type: Aggregate 2nd Product:

3rd Product: Mine Type: Surface

Estimated Annual Production: None reported in 2002

Comments: Shut-in

Operator: Four Corners Materials, Inc. dba Durango Construction

Address: P.O. Box 2707

Durango CO 81302-0000

Contact: Potter Monte Telephone: (970) 247-2172

Formation Name: Alluvium Geologic Age: Quaternary

406 Red Mesa Pit

T 33 N R 12 W Section: 7 Qtr Sec: NF. Topo Map: Redmesa Primary Product: Sand and gravel Permit ID: M1999086

2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: None reported in 2002

Comments: Shut-in Operator: Nielsons, Inc. Address: 22419 CR G

> Cortez CO 81321-0000

Contact: Wickstrom Telephone: (970) 565-8000 Craig

Formation Name: Gravel Geologic Age: Quaternary

408 Thomas Pit

T 37 N R 9 $|\mathbf{w}|$ Section: 36 Qtr Sec: NE Topo Map: Hermosa

Primary Product: Sand and gravel Permit ID: M1976020 Commodity Type: Aggregate 2nd Product:

3rd Product: Mine Type: Surface

Estimated Annual Production: None reported in 2002

Comments: Shut-in

Operator: Oldcastle SW Group, Inc. dba Four Corners Materials

Address: P.O. Box 2707

Durango CO 81302-0000

Contact: Boren Victor Telephone: (970) 247-2172

Formation Name: Gravel Geologic Age: Quaternary

County: La Plata 409 Valley Rich Topsoil T 36 N R 9 |w| Section: 27 Qtr Sec: N Topo Map: Durango East Primary Product: Sand Permit ID: M1999121 2nd Product: Overburden Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 12.500 Comments: Operator: George VanDenBerg Address: 6150 CR 516 Bavfield CO 81122-0000 Contact: VanDenBerg George Telephone: (970) 946-1994 Geologic Age: Quaternary Formation Name: Gravel County: La Plata 411 Weaselskin T 34 N R 9 W Topo Map: Loma Linda Section: 20 Qtr Sec: NE Primary Product: Sand and gravel Permit ID: M1986148 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Weaselskin Corp. Address: 12995 U.S. Hwy. 550 CO 81303-0000 Durango Contact: Telephone: (970) 247-9410 Thurston Beatrice Formation Name: Alluvium Geologic Age: Quaternary County: La Plata Wheeler Pit T 34 N R 9 Section: 10 Qtr Sec: N Topo Map: Loma Linda Primary Product: Sand and gravel Permit ID: M1979168 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year Comments: Owned by Lafarge Operator: Western Mobile Northern, Inc. Address: 1590 W. 12th Ave. CO 80204-0000 Denver

County: La Plata Walker Pit 410 T 36 N R 9 w Section: 27 Qtr Sec: N Topo Map: Durango East Primary Product: Sand and gravel Permit ID: M1987044 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 3.250 Comments: Operator: Sandco, Inc. Address: P.O. Box 4440 Durango CO 81301-0000 Telephone: (970) 247-1303 Contact: Dillon David Geologic Age: Ouaternary Formation Name: Gravel County: La Plata Westbrook No 1 412 W T 33 N R 6 Section: 32 Qtr Sec: NE Topo Map: Tiffany Permit ID: M1990066 Primary Product: Gravel Commodity Type: Aggregate 2nd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: John A Egli Address: 4321 CR 330 81137-0000 Ignacio CO John Telephone: (970) 883-2345 Contact: Egli Formation Name: Alluvium Geologic Age: Ouaternary County: La Plata Willow Bend 414 T 35 N R 9 W Section: 3 Qtr Sec: N Topo Map: Durango East Primary Product: Sand and gravel Permit ID: M1986165 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 3.250 Comments: Operator: Sandco, Inc. Address: P.O. Box 4440 Durango CO 81301-0000 Contact: Dillon David Telephone: (970) 247-1303 Formation Name: Gravel Geologic Age: Quaternary

Formation Name: Gravel

Contact:

Reckentine

Eric

Telephone: (303) 657-4330

Geologic Age: Ouaternary

County: La Plata Zellitti Pit 415 T 34 N R 9 W Section: 34 Qtr Sec: S Topo Map: Loma Linda Primary Product: Grave Permit ID: M1980246 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 22,000 Comments: Operator: Anthony Zellitti Address: 2001 CR 300 81301-0000 Durango CO Contact: Zellitti Anthony Telephone: (970) 247-3834 Formation Name: Gravel Geologic Age: Quaternary County: La Plata SkyRidge Village & Estates T 35 N R 9 Section: 21 Qtr Sec: Topo Map: Durango East Primary Product: Overburden Permit ID: M1999023 2nd Product: Commodity Type: Energy mineral 3rd Product: Mine Type: Surface Estimated Annual Production: N/A **Comments:** Stripping overburden for a construction project Operator: TAMU Joint Venture II, RLLP Address: 100 Jenkins Ranch Rd., Ste B Durango CO 81301-0000 Contact: Fisher Gene Telephone: (970) 385-7583 Formation Name: Alluvium Geologic Age: Quaternary Mason Mine County: La Plata 419 W T 36 N R 9 Section: 17 Qtr Sec: NE Topo Map: Durango East Primary Product: Permit ID: M1989074 Gold 2nd Product: Commodity Type: Metal 3rd Product: Mine Type: underground Estimated Annual Production: None reported in 2002 Comments: Exploration ongoing

Operator: Colorado Mining Properties, Inc. Address: 34756 US Hwy. 550 CO 81301-0000 Durango Contact: Donna Telephone: (970) 247-4160 Thompson Formation Name: Ouartz veins Geologic Age: Tertiary-Cretaceous

County: La Plata King Coal Mine 416 T 35 N R 11 W Section: 32 Qtr Sec: N Topo Map: Hesperus Permit ID: C1981035 Primary Product: Coal 2nd Product: Commodity Type: Coal 3rd Product: Mine Type: underground Estimated Annual Production: 264,676 Comments: Operator: National King Coal, LLC Address: P.O. Box 2905 Durango CO 81302-0000 Contact: Gosche Brad Telephone: (970) 385-4528 Formation Name: Upper Menefee Fm Geologic Age: Cretaceous County: La Plata Incas Mine 418 T 36 N R 11 W Section: 22 Qtr Sec: N Topo Map: Hesperus Primary Product: Gold Permit ID: M1986076 2nd Product: Silver Commodity Type: Metal 3rd Product: Mine Type: Surface and underground Estimated Annual Production: N/A Comments: Operator: DGMC Address: P.O. Box 96 81326-0000 Hesperus CO Contact: Hill Robert Telephone: Formation Name: Ouartz veins Geologic Age: Tertiary-Cretaceous May Day Mine County: La Plata 420 T 36 N R 11 W Section: 28 Qtr Sec: S Topo Map: Hesperus Primary Product: Gold Permit ID: M1981185 2nd Product: Silver Commodity Type: Metal 3rd Product: Mine Type: underground Estimated Annual Production: Not disclosed Comments: Operator: Shalako International Inc

Address: P.O. Box 2030

Durango CO 81302-0000

Contact: Ferguson John Telephone: (970) 247-3448

Formation Name: Quartz veins Geologic Age: Tertiary-Cretaceous

County: La Plafa Neglected Mine Alps Junction Ouarry 421 T 37 N R 10 W S R 79 W Section: 34 Qtr Sec: N Topo Map: Monument Hill T 9 Primary Product: Gold Permit ID: M1981165 Primary Product: Onartzite 2nd Product: 2nd Product: Commodity Type: Metal 3rd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: None reported in 2002 Estimated Annual Production: 5,000 Comments: Shut-in Comments: Operator: Mine Development, Inc. Operator: Leadville Research & Dev. Corp. 3319 E. 4th Ave. Address: P.O. Box 72 Address: 81301-0000 Durnango CO Leadville Robert Contact: Harold Telephone: (970) 247-1652 Contact: Elder Luzar Formation Name: Sawatch Quartzite Formation Name: Ouartz veins Geologic Age: Tertiary-Cretaceous County: Lake Iron Hat Underground Ouarry Pine Ridge Pit 424 T |9 |S | R | 79 | W | Section: 30 Qtr Sec: N Topo Map: Leadville South T 10 IS I'R 80 IW Section: 7 Primary Product: Dolomite Permit ID: M1997028 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: underground 3rd Product: Estimated Annual Production: Intermittent production Estimated Annual Production: N/A Comments: Also produces from white rhyolite Comments: Operator: ACA Products Operator: Leadville Research & Dev. Corp. Address: P.O. Box 72 Address: P.O. Box 1887 Leadville CO 80461-0000 Buena Vista CO Contact: Elder Robert Telephone: (719) 486-1244 Contact: Charles Murphy Formation Name: Leadville Limestone Formation Name: Gravel Geologic Age: Mississippian County: Lake West Tennessee Tennessee Park 426 S R 80 |S |R |80 |W| Section: 33 Qtr Sec: S Topo Map: Leadville North Т 8 W Primary Product: Sand and gravel Permit ID: M1981152 Primary Product: Sand and gravel Commodity Type: Aggregate 2nd Product: 2nd Product: 3rd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: Not disclosed Estimated Annual Production: 25,000 Comments: Comments: Operator: The Eagle Sky Foundation, Inc. Operator: Webster Sand & Gravel 2601 Meadow View Rd. Address: Address: 145 S. Toledo Ave. Edmond OK 73013-7855 Leadville CO Contact: McKean J Telephone: (405) 341-4935 Contact: Webster Charles

Geologic Age: Ouaternary

Section: 21 Qtr Sec: SE Topo Map: Mount Sherman Permit ID: M1995006 Commodity Type: Aggregate Mine Type: underground CO 80461-0072 Telephone: (719) 486-1244 Geologic Age: Cambrian County: Lake Qtr Sec: SE Topo Map: Leadville South Permit ID: M1998104 Commodity Type: Aggregate Mine Type: Surface 81211-0000 Telephone: (719) 395-3790 Geologic Age: Ouaternary County: Lake Section: 20 Qtr Sec: Topo Map: Leadville North Permit ID: M1981235 Commodity Type: Aggregate Mine Type: Surface 80461-0000 Telephone: (719) 486-0427 Formation Name: Glacial drift Geologic Age: Ouaternary

County: Lake

Box Crk Plcr&Drdge 427

T 11 S R 80 W Section: 3 Qtr Sec: N Topo Map: Granite

County: Lake

Permit ID: M1989071 Primary Product: Gold

2nd Product: Commodity Type: Metal Mine Type: Surface 3rd Product:

Estimated Annual Production: None reported in 2002

Comments: Shut in; gold placer mine Operator: Yellow Eagle Mining, Inc. Address: C/O DWS Investments

Evergreen CP 80439-0000

Contact: Blecha Kay Telephone: (303) 286-8688

Formation Name: Gravel Geologic Age: Ouaternary

Hopemore Shaft

County: Lake

T 9 S R 79 W Section: 20 Qtr Sec: SE Topo Map: Mount Sherman

Permit ID: M1990057 Primary Product: Gold

2nd Product: Commodity Type: Metal 3rd Product: Mine Type: underground

Estimated Annual Production: None reported in 2002

Comments: Shut-in

Operator: Leadville Mining & Milling Corp.

Address: 316 E. 6th St.

Leadville CO 80461-0000

Contact: J. Scott Telephone: (719) 486-3000 Hazlitt

Formation Name: Quartz veins, replacements in Geologic Age: Tertiary (veins)

Leadville Limestone

Diamond Shaft 428

S R 79 W T 9 Section: 15 Qtr Sec: S Topo Map: Climax

Permit ID: M1986141 Primary Product: Silver

County: Lake

Commodity Type: Metal 2nd Product: Gold 3rd Product: Mine Type: underground

Estimated Annual Production: None reported in 2002

Comments: Shut-in

Operator: Leadville Corporation

Address: P.O. Box 933

Leadville CO 80461-0000

Contact: Ingram Sue Telephone: (719) 486-0722

Formation Name: Quartz veins, replacements in Geologic Age: Tertiary

Leadville Limestone

Leadville Unit 430

County: Lake

S R 79 w T |9 Section: 33 Qtr Sec: N Topo Map: Mount Sherman Primary Product: Lead Permit ID: M1977218UG

2nd Product: Zinc Commodity Type: Metal

3rd Product: Silver Mine Type: underground

Estimated Annual Production: None Comments: Care and maintainance

Operator: ASARCO, Inc. Address: 748 CR 2A

> Leadville CO 80461-0000

Contact: Seppi Donald Telephone: (719) 486-4016

Geologic Age: Mid-Tertiary (veins) Formation Name: Quartz veins, replacements in

Leadville Limestone

County: Lake Sherman Mine 431 T 9 S R 80 W Section: 27 Qtr Sec: NE Topo Map: Mount Sherman Primary Product: Lead Permit ID: M1977249 2nd Product: Silver Commodity Type: Metal 3rd Product: Mine Type: underground Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Leadville Corporation Address: P.O. Box 933 CO Leadville 80461-0000 Contact: Sue Telephone: (719) 486-0722 Ingram Formation Name: Quartz veins, replacements in Geologic Age: Tertiary Leadville Limestone County: Larimer Arkins Park Quarries T 6 N R 70 W Section: 35 Qtr Sec: N Topo Map: Masonville Primary Product: Sandstone Permit ID: M1985212 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 3,000-4,000 Comments: Operator: Arkins Park Stone Corporation Address: 5975 NCR 27 Loveland CO 80538-0000 Contact: Geiser Tanya Telephone: (970) 663-1920 Formation Name: Lyons Sandstone Geologic Age: Triassic-Permian B & G Stone County: Larimer N R 70 W Section: 31 Qtr Sec: SE Topo Map: Loveland Primary Product: Sandstone Permit ID: M1987092 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface

Estimated Annual Production: 1,750 Comments:

Operator: Jordan C. and Jone L. Burdick

Address: P.O. Box 1385

CO 80540-0000 Lyons

Contact: Burdick Jordan Telephone: (303) 823-5943

Formation Name: Lyons Sandstone Geologic Age: Triassic-Permian Willow Creek Mine

Section: 6 Qtr Sec: SE Topo Map: Granite

Primary Product: Gold

|T |11 |S ||R |80 |W|

Permit ID: M1983011

County: Lake

2nd Product: Commodity Type: Metal 3rd Product: Mine Type: Surface

Estimated Annual Production: None reported in 2002

Comments: Shut in: gold placer mine

Operator: Jelen & Son, Inc.

Address: C/O DWS Investments, Ltd.

Evergreen CO 80439-0000

Contact: Telephone: (303) 888-2507 Blecha Kay

Formation Name: Gravel

Asnicar Pits 434

County: Larimer

T 5 N R 68 W Section: 16 Qtr Sec: Primary Product: Sand and gravel

Topo Map: Loveland Permit ID: M1980236

2nd Product:

Commodity Type: Aggregate

Geologic Age: Ouaternary

3rd Product:

Mine Type: Surface

Estimated Annual Production: N/A

Comments:

Operator: R & R Gravel, Inc. Address: 4212 N Garfield Avenue

Loveland CO 80537-0000

Contact: Kuzmich Steven

Formation Name: Alluvium Geologic Age: Quaternary

436 Barker Sand & Gravel

County: Larimer

N R 68 W Section: 8 Qtr Sec: SE Primary Product: Sand and gravel

Topo Map: Fort Collins Permit ID: M1986122

2nd Product:

Commodity Type: Aggregate Mine Type: Surface

Telephone: (970) 663-1157

3rd Product:

Estimated Annual Production: None reported in 2002

Comments: Shut-in

Operator: Barker Sand & Gravel Address: 142 N. Timberline Rd.

> Ft Collins CO 80524-1402

Contact: Barker E Telephone: (970) 482-9560

Formation Name: Gravel

Geologic Age: Quaternary

County: Larimer Beech Hill Ouarries 437 T 4 N R 70 W Section: 31 Qtr Sec: S Topo Map: Pinewood Lake Permit ID: M1981108 Primary Product: Sandstone 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 5.000 Comments: Operator: Blue Mountain Stone 4168 Ute Hwy. Address: Longmont CO 80503-0000 Contact: Vasquez Abe Telephone: (303) 823-9625 Formation Name: Lyons Sandstone Geologic Age: Triassic-Permian County: Larimer 439 Berthoud Sunset T 4 N R 70 W Topo Map: Carter Lake Reservoi Section: 28 Qtr Sec: SE Primary Product: Sandstone Permit ID: M1994080 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: 3,000-4,000 Comments: Operator: Arkins Park Stone Corp. Address: 5975 NCR 27 Loveland CO 80538-0000 Geiser Contact: Tanva Telephone: (970) 663-1920 Formation Name: Lyons Sandstone Geologic Age: Triassic-Permian County: Larimer Boettcher Sandstone Quarry 441 N R 69 W Т 8 Section: 6 Qtr Sec: S Topo Map: Horse Tooth Reservo Primary Product: Sandstone Permit ID: M1977345 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface

Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Holnam, Inc. - Ft Collins Plant Address: P.O. Box 1548 80535-0000 La Porte CO

Telephone: (970) 482-4065

Geologic Age: Cretaceous

Gordon

County: Larimer Berthoud Pink Ouarry 438 T 4 N R 70 W Section: 28 Qtr Sec: NF Topo Map: Carter Lake Reservoi Primary Product: Sandstone Permit ID: M1985211 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface. Estimated Annual Production: Intermittent production Comments: Operator: Arkins Park Stone Corporation Address: 5975 NCR 27 Loveland CO 80538-0000 Contact: Geiser Tanya Telephone: (970) 663-1920 Formation Name: Lyons Sandstone Geologic Age: Triassic-Permian County: Larimer 440 Boettcher Ouarry Т 9 N R 69 W Section: 31 Qtr Sec: Topo Map: Laporte Primary Product: Limestone Permit ID: M1977348 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Holnam, Inc. - Ft Collins Plant Address: P.O. Box 1548 80535-0000 La Porte CO Gordon Contact: Benton Telephone: (970) 482-4065 Formation Name: Ingleside Limestone Geologic Age: Permian-Pennsylvanian County: Larimer Boyd Pit 442 N R 68 W Section: 19 Qtr Sec: N Topo Map: Loveland Primary Product: Gravel Permit ID: M2000122 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Start up Comments: New mine Operator: Loveland Ready-Mix Concrete, Inc. Address: P.O. Box 299

Loveland

Formation Name: Alluvium

Fancher

Contact:

CO

Steve

80539-0299

Telephone: (970) 667-2680

Geologic Age: Quaternary

Benton

Formation Name: Dakota Sandstone

Contact:

Brose Pit County: Larimer 443 T 5 N R 69 W Section: 24 Qtr Sec: SE Topo Map: Loveland Primary Product: Sand and gravel Permit ID: M1979159 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year Comments: Owned by Lafarge Operator: Lafarge West, Inc. Address: 1590 W. 12th Ave. Denver CO 80204-0000 Contact: Reckentine Eric Telephone: (303) 657-4331 Formation Name: Alluvium Geologic Age: Ouaternary County: Larimer Buckhorn Creek Ranch N R 70 W Section: 32 Qtr Sec: Topo Map: Buckhorn Mountain Primary Product: Borrow rock Permit ID: M1986065 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Minimal Comments: Operator: Gary Jacobson Address: 2125 Lake Dr. Loveland CO 80538-0000 Contact: Telephone: (970) 667-4012 Jacobson Garv Formation Name: Alluvium Geologic Age: Ouaternary East Rigden Pit County: Larimer N R 68 W Section: 28 Qtr Sec: N Topo Map: Fort Collins Primary Product: Sand and gravel Permit ID: M1979097 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year Comments: Owned by Lafarge Operator: Lafarge West, Inc. Address: 1590 W, 12th Ave. CO 80204-0000 Denver Eric Contact: Reckentine Telephone: (303) 657-4330

Geologic Age: Ouaternary

County: Larimer Brownwood Pit T 5 N R 68 W Section: 19 Qtr Sec: SE Topo Map: Loveland Primary Product: Sand and gravel Permit ID: M1979059 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Coulson Excavating Company Address: 3609 N. CR 13 CO 80538-0000 Loveland Contact: Coulson Richard Telephone: (970) 667-2178 Formation Name: Alluvium Geologic Age: Ouaternary County: Larimer **Buster Ouarries** 446 N R 70 W Т 4 Section: 31 Qtr Sec: NF. Topo Map: Pinewood Lake Permit ID: M1981107 Primary Product: Sandstone 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Several thousand Comments: Operator: ELB Stone, Inc. Address: P.O. Box 42 Fairlee VT 05045-0000 Telephone: (802) 222-4540 Contact: Buster David Formation Name: Lyons Sandstone Geologic Age: Triassic-Permian County: Larimer 448 Eastwood & Gavell Pit Topo Map: Longs Peak N | R | 73 W Section: 26 Qtr Sec: Permit ID: M1984178 Primary Product: Borrow rock 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Kitchen & Company Address: 1901 Fish Creek Rd. Estes Park CO 80517-0000 Ed Contact: Kitchen Telephone: (970) 586-2091 Formation Name: Alluvium Geologic Age: Quaternary

County: Larimer 449 Glass Gravel Pit T 7 N R 69 W Section: 3 Qtr Sec: N Topo Map: Fort Collins Primary Product: Sand and gravel Permit ID: M1981022 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Operator: Connell Resources, Inc. Address: 4305 E. Harmony Rd. Ft. Collins CO 80528-0000 Telephone: (970) 223-3151 Contact: Simpson David Formation Name: Alluvium Geologic Age: Ouaternary County: Larimer Home Office Mine 451 N R 69 Section: 33 Qtr Sec: Topo Map: Fort Collins Primary Product: Sand and gravel Permit ID: M1977439 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year Comments: Owned by Lafarge Operator: Lafarge West, Inc. Address: 1590 W, 12th Ave. Denver CO 80204-0000 Eric Contact: Reckentine Telephone: (303) 657-4330 Formation Name: Alluvium Geologic Age: Ouaternary County: Larimer 453 Ingleside Quarry T 9 N R 70 W Section: 24 Qtr Sec: NE Topo Map: Laporte Primary Product: Limestone Permit ID: M1980037HR 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 60,000 Comments:

CO 80535-0000

Telephone: (970) 493-7323

Geologic Age: Permian-

Pennsylvanian

Delores

County: Larimer Harris Pit 450 T 6 N R 68 W Section: 10 Qtr Sec: N Topo Map: Loveland Primary Product: Sand and gravel Permit ID: M1987135 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Comments: Operator: Luther E Harris Address: 720 Oxford Ln Ft. Collins CO 80528-0000 Contact: Harris Luther Telephone: (970) 226-6585 Formation Name: Alluvium Geologic Age: Quaternary County: Larimer Indio Red Quarry Number 1 & 2 N R 70 Section: 31 Qtr Sec: NE Topo Map: Pinewood Lake Primary Product: Sandstone Permit ID: M1999062 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Comments: Operator: Hector Rodriguez Address: P.O. Box 1504 CO Lyons 80540-0000 Contact: Hector Rodriquez Telephone: (303) 823-6452 Formation Name: Lyons Sandstone Geologic Age: Triassic-Permian Kauffman Pit County: Larimer N R 68 W T 5 Section: 20 Qtr Sec: NE Topo Map: Loveland Primary Product: Sand and gravel Permit ID: M1978327 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 30,000 Comments: Operator: Jake Kauffman & Sons, Inc. Address: 808 SCR 9E Loveland CO 80537-0000 Contact: Kauffman Mary Telephone: (970) 667-1557 Formation Name: Alluvium Geologic Age: Quaternary

Contact:

Operator: TM Russell & R C Barger

Barger Formation Name: Ingleside Limestone

Address: 11585 N. Hwy. 287

LaPorte

Killion Supply County: Larimer 455 T 8 N R 69 W Section: 35 Qtr Sec: SE Topo Map: Fort Collins Primary Product: Sand and gravel Permit ID: M1985184 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Killion Supply Address: 862 W. Willox Ln. Ft. Collins CO 80524-0000 Contact: Killion Jamie Telephone: (970) 482-0358 Formation Name: Alluvium Geologic Age: Ouaternary

457 Kyger Property

T 6 N R 68 W Section: 13 Qtr Sec: SE Topo Map: Windsor Primary Product: Sand and gravel Permit ID: M1999088

2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year

Comments: Owned by Lafarge Operator: Lafarge West, Inc. Address: 1590 W. 12th Ave.

Denver CO 80204-0000

Contact: Reckentine Eric Telephone: (303) 657-4330

Formation Name: Alluvium Geologic Age: Quaternary

459 Loveland Pit County: Larimer

 T | 5 | N | R | 69 | W
 Section: 24 Qtr Sec: SE
 Topo Map: Loveland

 Primary Product:
 Sand and gravel
 Permit ID: M2000034

 2nd Product:
 Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year

Comments: Owned by Lafarge Operator: Lafarge West, Inc. Address: 1590 W. 12th Ave.

Denver CO 80204-0000

Contact: Reckentine Eric Telephone: (303) 657-4336

Formation Name: Alluvium Geologic Age: Quaternary

456 Kirtright Pit

T 5 N R 68 W Section: 15 Qtr Sec: SE Topo Map: Windsor

Primary Product: Sand and gravel

Permit ID: M1986123

Geologic Age: Ouaternary

County: Larimer

County: Larimer

2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: 35,000

Comments:

Operator: Coulson Excavating Company

Address: 3609 N. CR 13

Loveland CO 80538-0000

Contact: Coulson Richard Telephone: (970) 667-2178

Formation Name: Alluvium

Larimer Pit

N R 69 W Section: 15 Qtr Sec: N Topo Map: Loveland

Primary Product: Sand and gravel Permit ID: M1974069
2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: 200,000

Comments:

458

Operator: Loveland Ready Mix

Address: P.O. Box 299

Loveland CO 80539-0000

Contact: Fancher George Telephone: (970) 667-2680

Formation Name: Alluvium Geologic Age: Quaternary

460 Lyon King Quarry

4 N R 70 W Section: 31 Qtr Sec: S

Topo Map: Pinewood Lake Permit ID: M1999064

County: Larimer

2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: N/A

Comments:

Operator: Luis M. Vasquez
Address: P.O. Box 122

Primary Product: Sandstone

Lyons CO 80540-0000

Contact: Vasquez Luis Telephone: (303) 823-6116

Formation Name: Lyons Sandstone Geologic Age: Triassic-Permian

County: Larimer Masonville Div 461 T 6 N R 70 W Section: 22 Qtr Sec: NE Topo Map: Masonville Permit ID: M1985099 Primary Product: Sandstone 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Comments: Operator: Carter Lake Enterprises Address: P.O. Box 129 Masonville CO 80541-0129 Contact: Sprague Connie Telephone: (970) 667-2991 Formation Name: Lyons Sandstone Geologic Age: Triassic-Permian County: Larimer Owl Canyon Ouarry 463 T 9 N R 70 W Section: 1 Otr Sec: NF Topo Map: Livermore Primary Product: Limestone Permit ID: M1977302 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: Substantial Comments: Production tied with Rex Ouarry and Roberts Ouarry Operator: Pete Lien and Sons, Inc. Address: P.O. Box 767 57709-0440 Rapid City SD Contact: Craft Lecia Telephone: (605) 939-2693 Formation Name: Ingleside Limestone Geologic Age: Permian-Pennsylvanian County: Larimer Red Wolf Ouarry 465 T 4 N R 70 W Section: 31 Qtr Sec: S Topo Map: Pinewood Lake Primary Product: Sandstone Permit ID: M1999063 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: N/A Comments:

Operator: Luis M. Vasquez Address: P.O. Box 122 Lyons CO 80540-0000 Contact: Luis Telephone: (303) 775-6890 Vasquez Formation Name: Lyons Sandstone Geologic Age: Triassic-Permian

County: Larimer Nytes Land Leveling 462 T 5 N R 73 W Section: 26 Qtr Sec: SE Topo Map: Longs Peak Primary Product: Borrow rock Permit ID: M1981204 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: N/A Comments: Operator: George Nytes Address: 460 Elm Rd Estes Park CO 80517-0000 Contact: Nytes Jim Telephone: (970) 586-5550 Formation Name: Alluvium Geologic Age: Ouaternary County: Larimer R&O Pit 464 T 5 N R 68 W Section: 19 Qtr Sec: S Topo Map: Loveland Primary Product: Gravel Permit ID: M1999092 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 50,000 Comments: Operator: Coulson Excavating Company Address: 3609 N. CR 13 Loveland CO 80538-0000 Contact: Richard Coulson Telephone: (970) 667-2178 Formation Name: Alluvium Geologic Age: Quaternary Rex Ouarry - Sec 36 County: Larimer 466 T 10 N R 70 W Section: 36 Qtr Sec: S Topo Map: Livermore Primary Product: Limestone Permit ID: M1977304 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: Substantial Comments: Operator: Pete Lien and Sons. Inc. Address: P.O. Box 767 Rapid City SD 57709-0440 Contact: Craft Lecia Telephone: (605) 939-2693 Formation Name: Ingleside Limestone Geologic Age: Permian-Pennsylvanian

County: Larimer 467 Roberts Ouarry T 10 N R 70 W Section: 35 Qtr Sec: Topo Map: Livermore Primary Product: Limestone Permit ID: M1977301 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Substantial Comments: Production tied into Owl Quarry and Rex Quarry. Operator: Colorado Lien Company Address: P.O. Box 767 Rapid City SD 57709-0000 Telephone: (605) 342-7224 Contact: Craft Lecia Formation Name: Ingleside Limestone Geologic Age: Permian-Pennsylvanian Russell Gravel Pit County: Larimer 469 |T |9 |N ||R |68 |W | Section: 3 Qtr Sec: N Topo Map: Carr SW Primary Product: Gravel Permit ID: M1994096 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 25,000 Comments: Operator: James D. and Beckie J. Krakel Address: 12130 NCR 9

Wellington

CO 80549-0000

Contact: Russell gladys Telephone: (970) 568-7403

Formation Name: Gravel Geologic Age: Ouaternary

Sprague-Buff Quarry

County: Larimer

N R 70 W Section: 26 Qtr Sec: S Topo Map: Masonville Primary Product: Sandstone Permit ID: M2001075

2nd Product: Crushed stone Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: 3,000-4,000

Comments:

Operator: Arkins Park Stone Corporation

Address: 5975 N. CR 27

Loveland CO 80538-0000

Contact: Arlis Telephone: (970) 663-1920 Sprague

Formation Name: Lyons Sandstone Geologic Age: Triassic-Permian Rocky Road Ouarry

Section: 2 Qtr Sec: NE Topo Map: Masonville

Primary Product: Sandstone

Permit ID: M1985210

County: Larimer

2nd Product:

T 5 N R 70 W

Commodity Type: Aggregate

3rd Product:

Mine Type: Surface

Estimated Annual Production: Not disclosed

Comments:

Contact:

Operator: Rocky Road Investments

Address: P.O. Box 63

Masonville

CO 80541-0000

Douglas

Telephone: (970) 203-1072

Bachli Formation Name: Lyons Sandstone

Geologic Age: Triassic-Permian

Slab Canvon Ouarry 470

T 11 N R 70 W Primary Product: Limestone

Section: 26 Qtr Sec:

Topo Map: Table Mountain Permit ID: M1977347

County: Larimer

2nd Product:

Commodity Type: Aggregate

3rd Product:

Mine Type: Surface

Estimated Annual Production: None reported in 2002

Comments: Shut-in

Operator: Holnam, Inc. - Ft Collins Plant

Address: P.O. Box 1548

La Porte

80535-0000 CO

Contact: Guggisberg Britney Telephone: (970) 482-4065

Formation Name: Ingleside Limestone

Geologic Age: Permian-

Pennsylvanian

Stegner Farms

County: Larimer

N R 69 T 8 Primary Product: Sand and gravel

Section: 33 Qtr Sec:

Topo Map: Fort Collins Permit ID: M1999021

2nd Product:

Commodity Type: Aggregate

3rd Product:

Mine Type: Surface

Estimated Annual Production: 500,000

Comments:

Operator: Aggregate Industries - WCR, Inc.

Address: 3605 S. Teller St.

Lakewood CO 80235-0000

Contact: Refer Mike

Telephone: (303) 985-1070

Formation Name: Alluvium

Geologic Age: Quaternary

County: Larimer Stute Gravel Pit 473 T 6 N R 68 W Section: 3 Qtr Sec: N Topo Map: Timnath Permit ID: M1981007 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Connell Resources, Inc. Address: 4305 E. Harmony Rd. CO Ft. Collins 80525-0000 Contact: Simpson David Telephone: (970) 223-3151 Formation Name: Alluvium Geologic Age: Quaternary County: Larimer The Mountain Ranch T 6 N R 70 W Section: 5 Qtr Sec: SE Topo Map: Horse Tooth Reservo Primary Product: Borrow rock Permit ID: M1997056 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: Minimal Comments:

Operator: Gary L Jacobson Address: 2125 Lake Dr.

> 80538-0000 Loveland CO

Contact: Jacobson Gary Telephone: (970) 667-4012

Formation Name: Alluvium Geologic Age: Ouaternary

477 Timnath Connell Pit County: Larimer

N R 68 W Section: 3 Qtr Sec: SE Topo Map: Timnath Permit ID: M1999050 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: None reported in 2002

Comments: Shut-in Operator: Connell Resources Address: 4305 E. Harmony Rd.

> Ft. Collins CO 80528-0000

Connell Richard Telephone: (970) 223-3151 Contact:

Geologic Age: Ouaternary Formation Name: Alluvium

Swift Gravel Pit 474

N R 68 |w| T 6 Section: 10 Qtr Sec: Topo Map: Timnath Primary Product: Sand and gravel Permit ID: M1980172R

2nd Product:

Commodity Type: Aggregate

County: Larimer

County: Larimer

County: Larimer

3rd Product: Mine Type: Surface

Estimated Annual Production: None reported in 2002

Comments: Shut-in Operator: Louis F Swift Address: 6101 S. 6 Rd., #7

> Ft Collins 80528-0000 CO

Contact: Swift Louis Telephone: (970) 226-2136

Formation Name: Alluvium Geologic Age: Quaternary

476 Three Bells Pit

T |6 N R 68 W Section: 12 Qtr Sec: S Topo Map: Windsor Primary Product: Sand and gravel Permit ID: M1979191

2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year

Comments: Owned by Lafarge Operator: Lafarge West, Inc. Address: 1590 W. 12th Ave.

> Denver CO 80204-0000

Contact: Reckentine Eric Telephone: (303) 657-4330

Formation Name: Alluvium Geologic Age: Ouaternary

Timnath Pit

T 6 N R 68 W Section: 11 Qtr Sec: N Topo Map: Timnath Primary Product: Sand and gravel Permit ID: M1989056 Commodity Type: Aggregate 2nd Product:

3rd Product:

Mine Type: Surface

Estimated Annual Production: Not disclosed

Comments:

Operator: Don Kehn Construction, Inc.

Address: 6550 S. County Rd. 5

Ft Collins CO 80528-0000

Contact: Kehn Don Telephone: (970) 226-4111

Formation Name: Alluvium Geologic Age: Ouaternary

County: Larimer 479 Timnath Pit T 7 N R 68 W Section: 34 Qtr Sec: SE Topo Map: Timnath Primary Product: Sand and gravel Permit ID: M1975042 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year Comments: Owned by Lafarge Operator: Western Mobile Northern, Inc. Address: 1590 W. 12th Ave. Denver CO 80204-0000 Eric Contact: Reckentine Telephone: (303) 657-4331 Formation Name: Alluvium Geologic Age: Quaternary County: Larimer Ward Pit T 5 N R 68 W Section: 19 Qtr Sec: S Topo Map: Masonville Primary Product: Sand and gravel Permit ID: M1980116 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Operator: Ward Construction Address: P.O. Box 265 Loveland CO 80539-0265 Contact: Ward Dick Telephone: (970) 667-1853 Formation Name: Alluvium Geologic Age: Quaternary County: Larimer Weaver Quarry N R 69 Section: 7 Qtr Sec: SE Topo Map: Livermore Primary Product: Sandstone Permit ID: M1989010 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: Minimal Comments: Operator: Pete Lien and Sons, Inc. Address: P.O. Box 767 Rapid City SD 57709-0440 Contact: Craft Lecia Telephone: (605) 939-2693

Geologic Age: Cretaceous

County: Larimer Wagner/Kauffman Pit #3 N R 68 T 5 W Section: 21 Qtr Sec: N Topo Map: Loveland Primary Product: Sand and gravel Permit ID: M1999069 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: 300,000 Comments: Operator: Jake Kauffman & Son, Inc. Address: 808 SCR 9E Loveland CO 80537-0000 Contact: Kauffman Telephone: (970) 667-1557 Mary Formation Name: Alluvium Geologic Age: Ouaternary County: Larimer Weaver Ouarry T 6 N R 70 W Section: 15 Qtr Sec: SE Topo Map: Masonville Primary Product: Sandstone Permit ID: M1986085 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Comments: Operator: Leonard Loukonen Address: P.O. Box 333 CO 80540-0000 Lyons Contact: Telephone: (303) 823-6268 Loukonen Leonard Formation Name: Lyons Sandstone Geologic Age: Triassic-Permian County: Larimer Weitzel Pit 484 N R 68 W T 6 Section: 3 Qtr Sec: N Topo Map: Timnath Primary Product: Sand and gravel Permit ID: M1986050 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year Comments: Owned by Lafarge Operator: Lafarge West, Inc. Address: 1590 W. 12th Ave. Denver CO 80204-0000 Contact: Reckentine Eric Telephone: (303) 657-4330 Formation Name: Alluvium Geologic Age: Ouaternary

Formation Name: Dakota Sandstone

County: Larimer 485 Wellington Downs Pit N R 68 W Section: 3 Qtr Sec: S Topo Map: Timnath Primary Product: Sand and gravel Permit ID: M1995035 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Connell Resources Address: 4305 E. Harmony Rd. CO Ft. Collins 80528-0000 Contact: Simpson David Telephone: (970) 223-3151 Formation Name: Alluvium Geologic Age: Ouaternary Boettcher Gypsum Quarry County: Larimer Topo Map: Table Mountain T 11 N R 69 W Section: 18 Qtr Sec: SE Primary Product: Gypsum Permit ID: M1977346 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Holnam, Inc. - Ft Collins Plant Address: P.O. Box 1548 CO 80535-0000 La Porte Gordon Telephone: (970) 482-4065 Contact: Benton Formation Name: Lykins Fm Geologic Age: Permian County: Larimer Colo Alabaster T 11 N R 70 W Section: 36 Qtr Sec: NE Topo Map: Table Mountain Primary Product: Gypsum Permit ID: M1989077 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: 175

Comments: Operator: Colorado Alabaster Supply Address: 1507 N. College Ave. Ft Collins CO 80524-0000 Contact: Jones Stanley Telephone: (970) 221-0723 Geologic Age: Permian Formation Name: Lykins Fm

County: Larimer 486 1999 Fishing Club T 4 N R 70 W Section: 16 Qtr Sec: SE Topo Map: Carter Lake Reservoi Primary Product: Sandstone Permit ID: M1994017 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Comments: Moss rock mining Operator: High Plains Stone Company Address: P.O. Box 100 Castle Rock CO 80104-0000 Contact: Wagner Scott Telephone: (303) 791-1862 Formation Name: Dakota Sandstone Geologic Age: Cretaceous County: Larimer Brownstone Quarry T 8 N R 70 Section: 24 Qtr Sec: NE Topo Map: Laporte Primary Product: Dimension stone, sandstone Permit ID: M1997065 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface and underground Estimated Annual Production: 1,680 Comments: Operator: Stone Wholesale Corporation Address: 4717 W. Lakeview Dr. 80526-0000 Fort Collins CO Contact: Jim Striggow Telephone: (970) 221-0057 Formation Name: Dakota Sandstone Geologic Age: Cretaceous Colorado Rose Red Pit County: Larimer N R 71 W Section: 33 Qtr Sec: S Topo Map: Pinewood Lake Primary Product: Granite Permit ID: M1978332 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: <5,000 Comments: Operator: Colorado Rose Red Corporation Address: 148 Cheyenne Ct. Lyons 80540-0000 CO

Contact:

Liesveld

Formation Name: Granite

Daniel

Telephone: (303) 823-6023

Geologic Age: Precambrian

491 Dilts Limestone Property County: Larimer T 9 N R 70 W Section: 12 Qtr Sec: NE Topo Map: Livermore Primary Product: Limestone, high calcium Permit ID: M1982101 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Holnam, Inc. - Ft Collins Plant Address: P.O. Box 1548 La Porte CO 80535-0000 Contact: Guggisberg Britney Telephone: (970) 482-4065 Formation Name: Ingleside Limestone Geologic Age: Permian-Pennsylvanian 493 Masonville Stone County: Larimer T 6 N R 70 W Section: 26 Qtr Sec: N Topo Map: Masonville Primary Product: Sandstone Permit ID: M1986007 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: Variable Comments: Dimension stone mine Operator: Glenn Southwick Address: 220 W, CR 84 Wellington 80549-0000 CO Telephone: (970) 568-3579 Contact: Southwick Glenn Formation Name: Lyons Sandstone Geologic Age: Triassic-Permian 495 | Munroe Gypsum Quarry County: Larimer T 11 N R 69 W Section: 31 Qtr Sec: S Topo Map: Table Mountain Primary Product: Gypsum Permit ID: M1977002HR 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: Minimal Comments: Operator: Colorado Lien Company

Address: P.O. Box 767 Rapid City 57709-0000 SD Contact: Craft Lecia Telephone: (605) 342-7224 Formation Name: Lykins Fm Geologic Age: Permian Page 83 of 214

County: Larimer Kelsey Lake Project T 12 N R 72 W Section: 20 Qtr Sec: N Topo Map: Cherokee Park Permit ID: M1992034 Primary Product: Diamonds 2nd Product: Commodity Type: Industrial mineral Mine Type: Surface 3rd Product: Estimated Annual Production: N/A Comments: Operator: Diamond Company N.L. Address: P.O. Box 1916 Fort Collins CO 80522-0000 Contact: Coopersmith Howard Telephone: (970) 224-4943 Formation Name: Kimberlite Geologic Age: Devonian Moss Rock Heaven County: Larimer N R 69 W Section: 19 Qtr Sec: S Topo Map: Laporte Primary Product: Dimension stone, sandstone Permit ID: M1994090 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: 80 Comments: Moss rock mining Operator: Stone Wholesale, Inc. Address: 4717 W. Lakeview Dr. 80526-0000 Fort Collins CO Telephone: (970) 221-0057 Contact: Striggow Jim Formation Name: Dakota Sandstone Geologic Age: Cretaceous County: Larimer Sheep Draw Quarry T 11 N R 69 W Section: 20 Qtr Sec: N Topo Map: Table Mountain Primary Product: Sandstone Permit ID: M1978018 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: Minimal Comments: Operator: Pete Lien and Sons, Inc. Address: P.O. Box 767 Rapid City 57709-0440

Telephone: (605) 939-2693

Geologic Age: Cretaceous

Craft

Formation Name: Dakota Sandstone

Lecia

Contact:

County: Las Animas Blasi Gravel Pit T 32 S R 63 W Section: 26 Qtr Sec: NE Topo Map: Hoehne Primary Product: Sand and gravel Permit ID: M1995039 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 25,000 Comments: Operator: Diamond B Enterprises, LLC. Address: 38043 CR 32.4 Trinidad CO 81082-0000 Contact: Blasi Anthony Telephone: (719) 845-9249 Formation Name: Alluvium Geologic Age: Ouaternary Church Pit County: Las Animas T 32 S R 67 W Section: 21 Qtr Sec: S Topo Map: Vigil Primary Product: Sand and gravel Permit ID: M1987083 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Minimal Comments: Operator: Warren McDonald Address: 15403 CR 41.7 CO 81091-0000 Weston Contact: McDonald Warren Telephone: (719) 868-2530 Formation Name: Alluvium Geologic Age: Ouaternary County: Las Animas Healey Pit 501 T 31 S R 66 W Section: 33 Qtr Sec: NE Topo Map: Guinare Primary Product: Gravel Permit ID: M1995048 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: 35,000

Comments: Operator: Spanish Peaks Construction Co.

Address: 22490 CR 41.6

CO 81042-0000 Gulnare

Contact: James Telephone: (719) 941-4272 Healey

Formation Name: Alluvium Geologic Age: Ouaternary 498 **Bottomless Pit**

T 32 S R 62 W Section: 30 Qtr Sec: NE Topo Map: Trinidad East

Primary Product: Sand and gravel 2nd Product:

Permit ID: M2001068 Commodity Type: Aggregate

Geologic Age: Ouaternary

County: Las Animas

County: Las Animas

County: Las Animas

Geologic Age: Ouaternary

3rd Product: Mine Type: Surface

Estimated Annual Production: 48,000

Comments:

Operator: Tamrock Gravel Address: 137 Plum

> Trinidad CO 81082-0000

Contact: Tamburelli Brent Telephone: (719) 846-3034

Formation Name: Alluvium

Emerald Vista Estate

T 133 IS IR 163 W Section: 15 Qtr Sec: NF. Topo Map: Trinidad East Permit ID: M1994006 Primary Product: Sand and gravel

2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface

Estimated Annual Production: None reported in 2002

Comments: Shut-in

Operator: M Peter Schrepfer Address: 502 S. Walnut

> Trinidad CO 81082-0000

Contact: Leone, Jr. Frank Telephone: (719) 846-4170

Formation Name: Alluvium Geologic Age: Ouaternary

Lopez Quarry

T 33 S R 66 W Section: 34 Qtr Sec: S Topo Map: Weston

Primary Product: Sand and gravel Permit ID: M2002050 2nd Product: Commodity Type: Aggregate

Mine Type: Surface 3rd Product:

Estimated Annual Production: 7,000 (projected)

Comments:

Operator: S&S Services Address: 19901 SH 12

> Weston 81091-0000 CO

Contact: Richard Telephone: (719) 868-3307 Lopez

McCarty Pit County: Las Animas 504 T 33 S R 63 W Section: 4 Qtr Sec: NE Topo Map: Trinidad East Primary Product: Sand and gravel Permit ID: M1979186 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Leone Sand and Gravel Co. Address: 502 S. Walnut St. Trinidad CO 81082-0000 Contact: Leone, Jr. Frank Telephone: (719) 846-9349 Formation Name: Alluvium Geologic Age: Ouaternary County: Las Animas Salapich Pit T 31 S R 66 W Section: 33 Qtr Sec: N Topo Map: Guinare Primary Product: Gravel Permit ID: M1991058 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Solid Inc Address: 22590 CR 41.6 Gulnare CO 81042-0000 Contact: Healey James Telephone: (719) 941-4272 Formation Name: Alluvium Geologic Age: Ouaternary County: Las Animas Tortorice Pit T 32 S R 63 W Section: 35 Qtr Sec: N Topo Map: Trinidad East Primary Product: Sand and gravel Permit ID: M1981049 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 51,000 Comments: Operator: Leone Sand & Gravel 502 S. Walnut St. Address: 81082-0000 Trinidad CO Contact: Frank Leone Telephone: (719) 846-4170

Geologic Age: Quaternary

County: Las Animas Mulletts Excavting Pit # 1 505 T 29 S R 61 W Section: 19 Qtr Sec: SE Topo Map: Hidden Valley Ranch Permit ID: M2000115 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Working off of stockpile Operator: Mullett's Excavating, L.L.C. Address: P.O. Box 322 Westcliffe CO 81252-0322 Contact: Mullett Myron Telephone: (719) 783-2056 Formation Name: Alluvium Geologic Age: Ouaternary County: Las Animas Spearheart Gravel Pit T 30 S R 65 W Section: 24 Qtr Sec: S Topo Map: Aguilar Primary Product: Gravel Permit ID: M1998007 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Operator: Carl A. Sciacca Address: 25010 CR 45.4 Aguilar CO 08102-0000 Sciacca Carl Telephone: (719) 941-0973 Contact: Formation Name: Alluvium Geologic Age: Quaternary County: Las Animas Winter Ranch Pit T 32 S R 63 W Section: 6 Qtr Sec: NE Topo Map: Hoehne Primary Product: Sand and gravel Permit ID: M1985165 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Harold A Winter Address: 20157 CR 75.0 Trinidad CO 81082-0000 Contact: Winter Harold Telephone: (719) 846-3570

Geologic Age: Quaternary

Formation Name: Alluvium

510 Lorencito Canvon Mine T 33 S R 66 W Section: 33 Qtr Sec: SE Primary Product: Coal Permit ID: C1996084 2nd Product: Commodity Type: Coal 3rd Product: Mine Type: Surface Estimated Annual Production: 154,824 tons in 2002 Comments: Currently shut-in Operator: Lorencito Coal Company, LLC Address: 20500 Hwy 12 Weston CO 81091-0000 Contact: Eric Telephone: (719) 868-2115 Addington Formation Name: Raton County: Lincoln **Broken Spear Pit** T 7 S R 54 W Section: 7 Qtr Sec: N Topo Map: Arriba NW Primary Product: Sand and gravel Permit ID: M2000050 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Gail C. Allen and Millie J. Allen Address: 68075 CR 109 Genoa CO 80818-0000 Contact: Allen Gail Telephone: (719) 763-2305 Formation Name: Ogallala-derived gravel Geologic Age: Tertiary County: Lincoln 515 Nottingham Pit T 7 S R 53 W Section: 5 Qtr Sec: NE Topo Map: Arriba NE Primary Product: Gravel Permit ID: M1992075 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Comments: Operator: Homer Monks Construction, Inc. Address: P.O. Box 1207

County: Las Animas County: Lincoln Andrews No 2 512 T 7 S R 55 W Section: 29 Qtr Sec: NE Topo Map: Walks Camp Park Topo Map: Little Pine Canvon Primary Product: Sand Permit ID: M1995022 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year Comments: Owned by Lafarge Operator: Western Mobile Southern, Inc. Address: 1590 W. 12th Ave. 80204-0000 Denver CO Contact: Reckentine Eric Telephone: (303) 657-4330 Geologic Age: Tertiary Cretaceous Geologic Age: Tertiary Formation Name: Ogallala-derived gravel County: Lincoln Monks South 40 Pit T 9 S R 56 W Section: 20 Qtr Sec: N Topo Map: Limon Primary Product: Sand Permit ID: M1995045 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Comments: Operator: Homer Monks Construction, Inc. Address: P.O. Box 1207 80828-0000 Limon CO Contact: Monks Patty Telephone: (719) 775-2328 Formation Name: Alluvium Geologic Age: Quaternary 516 | Caliche School Pit County: Logan T 10 N R 50 W Section: 29 Qtr Sec: NE Topo Map: Proctor Primary Product: Sand and gravel Permit ID: M1989023 Commodity Type: Aggregate 2nd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: None reported in 2002 Comments: Operator: Clyde and Marie Couch Address: 122 State St. Limon CO 80828-0000 Sterling CO 80751-0000 Monks Patty Telephone: (719) 775-2328 Contact: Couch Clyde Telephone: (970) 522-1239 Formation Name: Ogallala-derived gravel Geologic Age: Tertiary Formation Name: Alluvium Geologic Age: Ouaternary

Contact:

Dollerschell Pit County: Logan 517 T 8 N R 53 W Section: 21 Qtr Sec: N Topo Map: Atwood NE Primary Product: Sand and gravel Permit ID: M1986074 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Kym A. Schure Address: 12826 CR 37 Sterling CO 80751-0000 Contact: Kym Telephone: (970) 522-9485 Schure Formation Name: Alluvium Geologic Age: Quaternary County: Logan Harley Pit 1 N R 52 W Section: 29 Qtr Sec: SE Topo Map: Sterling North Primary Product: Sand and gravel Permit ID: M1986147 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 65,000 Comments: Operator: Sterling Redi-Mix Company Address: P.O. Box 1908 Sterling 80751-0000 CO Contact: William Lauer Telephone: (970) 522-9725 Formation Name: Alluvium Geologic Age: Ouaternary County: Logan Reese-Logan Sand & Gravel Pit T 7 N R 53 W Section: 26 Qtr Sec: SE Topo Map: Atwood Primary Product: Sand and gravel Permit ID: M1996050 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Reese Contracting Address: RRI, Box 114 Merino 80741-0000 CO Contact: Reese Galen Telephone: (970) 522-0867

Geologic Age: Ouaternary

518 Fix Gravel Pit County: Logan T 6 N R 48 W Section: 27 Qtr Sec: S Topo Map: Clarkville Primary Product: Gravel Permit ID: M1995064 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Comments: Operator: Howard Fix Address: 4152 CR 91 CO 80731-0000 Haxtun Contact: Fix Howard Telephone: (970) 774-7331 Formation Name: Ogallala-derived gravel Geologic Age: Tertiary County: Logan 520 Hiff Pit T 10 N R 51 W Section: 36 Qtr Sec: NE Topo Map: Iliff Primary Product: Sand and gravel Permit ID: M2002063 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: New mine Operator: Lafarge West, Inc. Address: 1800 N. Taft Hill Rd. Fort Collins CO 80522-0000 Contact: Goettemoeller Julie Telephone: (970) 407-3669 Formation Name: Alluvium Geologic Age: Ouaternary County: Logan 522 Riverside Pit N R 52 W T 8 Section: 28 Qtr Sec: Topo Map: Sterling North Primary Product: Sand and gravel Permit ID: M1976056 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: Estimated Annual Production: 19,500 Comments: Operator: Sterling Redi-Mix Company Address: P.O. Box 1908 Sterling CO 80751-0000 Contact: Lauer William Telephone: (970) 521-0651

Geologic Age: Ouaternary

Formation Name: Alluvium

County: Logan Rothe Sand & Gravel Pit 524 T 8 N R 53 W T 11 N R 52 W Section: 33 Qtr Sec: S Topo Map: Sterling South Permit ID: M1995017 Primary Product: Sand and gravel Commodity Type: Aggregate 2nd Product: 2nd Product: 3rd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: None reported in 2002 Comments: Shut-in Comments: Shut-in Operator: Lee Roy and Marlene J Rothe Address: 19727 Factory St. CO 80751-0000 Sterling Sidney Rothe Telephone: (970) 522-2281 Contact: Lee Roy Contact: Nienhueser Formation Name: Gravel Geologic Age: Quaternary County: Logan Todd Dysart Pit 526 T 6 N R 51 Section: 8 Qtr Sec: SE Topo Map: Buffalo Springs Ranc S R 1 Primary Product: Gravel Permit ID: M2000149 Commodity Type: Aggregate 2nd Product: 2nd Product: 3rd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: 2.000 Comments: Comments: Operator: Todd K. Dysart Address: 11481 CR 370 Address: P.O. Box 1849 Sterling CO 80751-0000 Contact: Todd Telephone: (970) 522-8814 Contact: Settle Dysart Formation Name: Alluvium Geologic Age: Quaternary County: Mesa 29 1/2 Road Pit |S ||R ||1 Е S | R | 1 E Section: 20 Qtr Sec: S Topo Map: Grand Junction Primary Product: Sand and gravel Permit ID: M1981076 Commodity Type: Aggregate 2nd Product: 2nd Product: 3rd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: Minimal Comments: Comments: Operator: Grand Junction Concrete Pipe Address: P.O. Box 1849 Address: 710 S. 15th St. Grand Junction CO 81502-0000

Telephone: (970) 243-4604

Geologic Age: Ouaternary

County: Logan Schumacher II Section: 11 Qtr Sec: S Topo Map: Padroni NW Primary Product: Gravel Permit ID: M2001018 Commodity Type: Aggregate Mine Type: Surface Estimated Annual Production: None reported in 2002 Operator: Nienhueser Construction & Excavating Co Address: 1500 10th Ave. NE 69162-0000 Keith Telephone: (308) 254-3453 Formation Name: Ogallala-derived gravel Geologic Age: Tertiary County: Mesa 23 Road Pit Section: 6 Qtr Sec: SE Topo Map: CO National Monum Primary Product: Sand and gravel Permit ID: M1979089 Commodity Type: Aggregate Mine Type: Surface Estimated Annual Production: 125,000 Operator: Grand Junction Pipe & Supply Co. Grand Junction CO 81502-0000 Edward Telephone: (970) 243-4604 Formation Name: Gravel Geologic Age: Quaternary 31 Road Pit County: Mesa Section: 22 Qtr Sec: S Topo Map: Clifton Primary Product: Sand and gravel Permit ID: M1987178 Commodity Type: Aggregate Mine Type: Surface Estimated Annual Production: 150,000 Operator: Parkerson Construction, Inc. Grand Junction CO 81501-0000 Telephone: (970) 242-8134 Contact: Parkerson Alan

Geologic Age: Ouaternary

Formation Name: Alluvium

Contact:

Settle

Formation Name: Alluvium

Edward

County: Mesa 529 32 Road Pit T I S R I E Section: 23 Qtr Sec: S Topo Map: Clifton Primary Product: Sand and gravel Permit ID: M1985219 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 20,000 Comments: Operator: Parkerson Construction Co. Address: 710 S. 15th St. Grand Junction CO 81501-0000 Contact: Parkerson Alan Telephone: (970) 242-8134 Formation Name: Alluvium Geologic Age: Ouaternary County: Mesa Bradbury Pit S R 2 E Section: 5 Otr Sec: SE Topo Map: Whitewater Primary Product: Sand and gravel Permit ID: M1978357 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Minimal Comments: Shut-in Operator: Grand Junction Pipe & Supply Co. Address: P.O. Box 1849 Grand Junction CO 81502-0000 Contact: Settle Edward Telephone: (970) 243-4604 Formation Name: Alluvium Geologic Age: Quaternary County: Mesa Currier Gravel Pit S R 93 Section: 12 Qtr Sec: SE Topo Map: Hightower Mountain Primary Product: Sand and gravel Permit ID: M1980203 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Currier Gravel Pit, Inc. Address: P.O. Box 27059 Denver CO 80227-0000 Contact: Currier Merial Telephone: (303) 734-2333

Geologic Age: Ouaternary

County: Mesa 530 BLM Pit No. 1 TI SRI Ε Section: 35 Qtr Sec: NE Topo Map: Clifton Primary Product: Sand and gravel Permit ID: M2001100 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 80,000 Comments: Operator: Oldcastle SW Group, Inc. dba United Companies of Mesa County Address: P.O. Box 3609 Grand Junction CO 81502-0000 Telephone: (970) 243-4900 Contact: Johnson Richard Geologic Age: Ouaternary Formation Name: Gravel County: Mesa Clifton Water Gravel Pit 532 Е S | R 2 Section: 7 Qtr Sec: S Topo Map: Clifton Primary Product: Sand and gravel Permit ID: M1997053 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shipping from stockpile Operator: Grand Junction Pipe & Supply Co. Address: P.O. Box 1849 Grand Junction CO 81502-0000 Contact: Settle Edward Telephone: (970) 243-4604 Formation Name: Alluvium Geologic Age: Ouaternary County: Mesa DeBeque Gravel Pit 534 S R 97 W Т 9 Section: 9 Qtr Sec: S Topo Map: De Beque Primary Product: Sand and gravel Permit ID: M1981058 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Thomas F & Ginger L Latham Address: 1225 S. 7th St. Grand Junction CO 81501-0000 Contact: Logue Thomas Telephone: (970) 242-5370 Formation Name: Alluvium Geologic Age: Ouaternary

County: Mesa Denison-Pennell Pit 535 Е S | R | 2 Section: 19 Qtr Sec: Topo Map: Clifton Permit ID: M1984051 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: David T Orient Address: 3459 D Rd. Palisade CO 81526-0000 Telephone: (970) 523-0369 David Contact: Orient Formation Name: Alluvium Geologic Age: Quaternary County: Mesa 536 Feuerborn Gravel Pit Ε TI S R I Section: 20 Qtr Sec: S Topo Map: Grand Junction Permit ID: M1996034 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Grand Junction Pipe & Supply Address: P.O. Box 1849 Grand Junction CO 81502-0000 Contact: Settle Edward Telephone: (970) 243-4604 Geologic Age: Quaternary Formation Name: Alluvium County: Mesa 538 Kelley Pit |S | R | 95 | W | Section: 34 Qtr Sec: Topo Map: Collbran Primary Product: Sand and gravel Permit ID: M1981174 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in

Operator: Kelley Gravel Address: 15616 57 1/2 Road

> 81624-0000 Collbran CO

Telephone: (970) 487-3739 Contact: Kelley Vivian

Formation Name: Alluvium Geologic Age: Quaternary

East Bradbury Pit 563

T 3 S R 2 E Section: 4 Qtr Sec: S Topo Map: Beaver Creek Reserv

Primary Product: Gravel

Permit ID: M2000157

County: Mesa

2nd Product:

Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: None reported in 2002

Comments: Shut-in

Operator: Grand Junction Pipe & Supply Co.

Address: P.O. Box 1849

Grand Junction CO 81502-0000

Contact: Settle Edward Telephone: (970) 243-4604

Formation Name: Alluvium

Gipp Gravel Pit

T 9 S R 94 Topo Map: South Mamm Peak Section: 13 Qtr Sec: SE

Primary Product: Gravel 2nd Product:

Commodity Type: Aggregate

Geologic Age: Quaternary

County: Mesa

Permit ID: M1995013

County: Mesa

Geologic Age: Ouaternary

3rd Product: Mine Type: Surface

Estimated Annual Production: None reported in 2002

Comments: Shut-in Operator: George Gipp Address: 66320 Hwy, 330 E.

Collbran CO

81624-0000

Contact: Grave Gipp Telephone: (970) 487-3410

Formation Name: Gravel Geologic Age: Quaternary

Kiewit Lake Grav Pit

N | R | 2 |w| т 1 Section: 29 Qtr Sec: Topo Map: Fruita

Primary Product: Sand and gravel Permit ID: M1981240 2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: 200,000

Comments:

Operator: Oldcastle SW Group, Inc. dba United Companies of Mesa County

Address: P.O. Box 3609

Grand Junction CO 81502-0000

Contact: Richard Telephone: (970) 243-4900 Johnson

County: Mesa Latham - Burkett Pit 540 T 8 S R 97 W Section: 27 Qtr Sec: S Topo Map: De Beque Primary Product: Sand and gravel Permit ID: M1983013 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year Comments: Owned by Lafarge Operator: Western Mobile, Inc. 1590 W. 12th Ave. Address: CO 80204-0000 Denver Gary Contact: Tuttle Telephone: (303) 657-4329 Formation Name: Alluvium Geologic Age: Ouaternary County: Mesa Monument View Gravel Pit |S | R |1 w l Section: 5 Qtr Sec: N Topo Map: Grand Junction Primary Product: Sand and gravel Permit ID: M2000032 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 10,000 Comments: Operator: M.A. Concrete Construction, Inc. Address: 2323 River Rd. Grand Junction CO 81505-0000 Telephone: (970) 243-3221 Contact: Azcarraga Martin Formation Name: Gravel Geologic Age: Ouaternary County: Mesa Mule Farm Gravel Pit S | R | 1 Section: 35 Qtr Sec: S Topo Map: Grand Junction Primary Product: Sand and gravel Permit ID: M1991079 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Comments: Operator: Elam Construction, Inc. Address: 1225 S. 7th St. Grand Junction CO 81501-0000

County: Mesa Molina Gravel Company T 10 S R 96 W Section: 13 Qtr Sec: N Topo Map: Molina Primary Product: Gravel Permit ID: M2000022 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Comments: Operator: Terry Nichols Address: P.O. Box 37 81646-0000 Molina CO Telephone: (970) 245-7101 Contact: Nichols Terry Geologic Age: Quaternary Formation Name: Alluvium County: Mesa Moores Pit 543 T 15 S R 103 W Section: 2 Qtr Sec: SE Topo Map: Fish Creek Permit ID: M1980178 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 20,000 Comments: Operator: Moores Mining Ranching & Mill Address: 32906 Hwy 141 CO 81522-0000 Gateway Contact: Jean Telephone: (970) 931-2802 Moores Formation Name: Alluvium Geologic Age: Ouaternary County: Mesa Nichols Gravel Pit 545 T 10 S R 96 W Section: 21 Qtr Sec: N Topo Map: Molina Primary Product: Sand and gravel Permit ID: M1981013 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 6,500 Comments: Operator: Nichols Gravel Pit, L.L.P. Address: P.O. Box 285 Mesa CO 81643-0000 Contact: Nichols John Telephone: (970) 268-5525

Geologic Age: Ouaternary

Formation Name: Gravel

Contact:

Cates

Formation Name: Alluvium

Jason

Telephone: (970) 242-5370

Geologic Age: Ouaternary

County: Mesa 546 Orchard Grove Ind 547 S R 1 W T 1 Section: 5 Qtr Sec: N T 2 S R 1 Topo Map: Grand Junction Primary Product: Gravel Permit ID: M1990094 Commodity Type: Aggregate 2nd Product: 2nd Product: Mine Type: Surface 3rd Product: 3rd Product: Estimated Annual Production: 15,000 Comments: Operator: Parkerson Construction, Inc. Address: 710 S. 15th St. Grand Junction CO 81501-0000 Contact: Parkerson Alan Telephone: (970) 242-8134 Contact: Formation Name: Gravel Geologic Age: Ouaternary County: Mesa 548 Orchard Mesa Pit T 2 S R 1 N R 2 Section: 4 Qtr Sec: N Topo Map: Clifton Primary Product: Gravel Permit ID: M1990145 2nd Product: Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: None reported in 2002 Comments: Shut-in Comments: Operator: Mountain Region Const., Inc. Address: 117 - 29 3/4 Rd. Grand Junction CO 81503-0000 Contact: Contact: DuCray Sandra Telephone: (970) 242-5461 Geologic Age: Quaternary Formation Name: Gravel County: Mesa Railhead Gravel Pit 551 T |1 N R 2 w Section: 36 Qtr Sec: SE Topo Map: Colorado National M N | R | 2 Permit ID: M1995036 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 2nd Product: Mine Type: Surface 3rd Product: 3rd Product: Estimated Annual Production: 200,000 Comments: Operator: Oldcastle SW Group, Inc. dba United Companies of Mesa County Address: P.O. Box 3609

Telephone: (970) 243-4900

Geologic Age: Quaternary

County: Mesa Orchard Mesa Aggr E Section: 5 Qtr Sec: NE Topo Map: Grand Junction Primary Product: Gravel Permit ID: M1995005 Commodity Type: Aggregate Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Mountain Region Corporation Address: 117 - 29 3/4 Rd. Grand Junction CO 81503-0000 DuCray Sandra Telephone: (303) 242-5461 Formation Name: Gravel Geologic Age: Quaternary County: Mesa Persigo Gravel Mine Topo Map: Colorado National M Section: 36 Qtr Sec: SE Primary Product: Sand and gravel Permit ID: M2000031 Commodity Type: Aggregate Mine Type: Surface Estimated Annual Production: 10,000 Operator: M.A. Concrete Construction, Inc. Address: 2323 River Rd. Grand Junction CO 81505-0000 Telephone: (970) 243-3221 Azcarraga Martin Formation Name: Gravel Geologic Age: Ouaternary County: Mesa S Fruita Grav Pit w Section: 20 Qtr Sec: Topo Map: Fruita Primary Product: Sand and gravel Permit ID: M1981243 Commodity Type: Aggregate Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: New mine Operator: Grand Junction Concrete Pipe Co. Address: P.O. Box 1849 Grand Junction CO 81502-0000 Contact: Settle Edward Telephone: (970) 243-4604

Geologic Age: Ouaternary

Formation Name: Alluvium

Contact:

Grand Junction CO 81502-0000

Richard

Johnson

Formation Name: Gravel

County: Mesa Soaring Eagle Gravel Pit T 1 N R 2 w Section: 35 Qtr Sec: N Topo Map: Fruita Primary Product: Sand and gravel Permit ID: M1999025 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 150,000 Comments: Operator: Grand Junction Pipe & Supply Co. Address: P.O. Box 1849 Grand Junction CO 81502-0000 Contact: Settle Edward Telephone: (970) 243-4604 Formation Name: Alluvium Geologic Age: Ouaternary County: Mesa Surface Rock Pit T 14 S R 100 W Section: 9 Qtr Sec: Topo Map: Jacks Canyon Primary Product: Sand and gravel Permit ID: M1984001 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: J and M Schmahl Address: 2301 River Rd. Grand Junction CO 81505-0000 Contact: Schmahl John Telephone: (970) 464-9168 Formation Name: Alluvium Geologic Age: Ouaternary County: Mesa Valley Vista Pit S R 1 Section: 35 Qtr Sec: S Topo Map: Clifton Primary Product: Sand and gravel Permit ID: M1981229 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 10,000 Comments: Operator: Parkerson Construction, Inc. Address: 710 S. 15th St.

81501-0000 Grand Junction CO

Telephone: (970) 242-8134

Geologic Age: Quaternary

Sunny Side Gravel Pt County: Mesa T 9 S R 95 W Section: 32 Qtr Sec: SE Topo Map: Molina Primary Product: Sand and gravel Permit ID: M1986160 Commodity Type: Aggregate 2nd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: 1.500 Comments: Operator: Parkerson Construction Co. Address: 710 S. 15th St. Grand Junction CO 81501-0000 Contact: Parkerson Alan Telephone: (970) 242-8134 Formation Name: Gravel Geologic Age: Ouaternary County: Mesa Upland Gravel 555 E S | R | 2 Section: 17 Qtr Sec: S Topo Map: Clifton Primary Product: Sand and gravel Permit ID: M2001088 Commodity Type: Aggregate 2nd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: Intermittent production Comments: Operator: Gary Rinderle Construction, Inc. Address: 542 33 Rd. Clifton CO 81520-1380 Telephone: (970) 434-0510 Contact: Rinderle Garv Formation Name: Gravel Geologic Age: Quaternary County: Mesa Whitewater 512 Pit Topo Map: Grand Junction Section: 16 Qtr Sec: S Primary Product: Sand and gravel Permit ID: M1977114 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 92,770 Comments: Operator: Whitewater Building Materials 940 S. 10th St., Box 1769 Grand Junction CO 81502-0000

Edward

Telephone: (970) 242-7538

Geologic Age: Quaternary

Contact:

Gardner

Formation Name: Alluvium

Contact:

Parkerson

Formation Name: Gravel

Alan

County: Mesa Whitewater Pit S R 1 T 2 E Section: 14 Qtr Sec: SE Topo Map: Whitewater Permit ID: M1998084 Primary Product: Sand and gravel Commodity Type: Aggregate 2nd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: None reported in 2002 Comments: New mine Operator: Grand Junction Pipe & Supply Co. Address: P.O. Box 1849 Grand Junction CO 81502-0000 Contact: Settle Edward Telephone: (970) 243-4604 Formation Name: Alluvium Geologic Age: Ouaternary County: Mesa 560 Whitewater Quarry T 12 S R 99 Topo Map: Whitewater Section: 28 Qtr Sec: S Primary Product: Sandstone Permit ID: M1986002 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Minimal Comments: Operator: Rudy Fontanari Address: 3316 E. 3/4 Rd.- Rt. I Clifton CO 81520-0000 Telephone: (970) 434-7948 Contact: Fontanari Rudv Formation Name: Dakota Sandstone Geologic Age: Cretaceous 562 | Western Slope Flagstone Quarry No. 2 County: Mesa T 10 S R 98 W Section: 35 Qtr Sec: Topo Map: Cameo Primary Product: Sandstone Permit ID: M1996076 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: 300 Comments: Operator: Rudolph Fontanari

Address: 3316 E. 3/4 Rd. - Rt. 1 Clifton CO 81520-0000 Contact: Rudolph Telephone: (970) 434-7948 Fontanari

Geologic Age: Cretaceous

County: Mesa Whitewater Pit 500 T 12 S R 99 W Section: 29 Qtr Sec: Topo Map: Whitewater Primary Product: Sand and gravel Permit ID: M1977129 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 283,322 Comments: Operator: Whitewater Building Materials Address: 940 S. 10th St., Box 1769 Grand Junction CO 81502-0000 Contact: Gardner Edward Telephone: (970) 242-7538 Formation Name: Alluvium Geologic Age: Quaternary County: Mesa Woodring Pit 561 T 10 S R 96 Section: 15 Qtr Sec: SE Topo Map: Molina Primary Product: Sand and gravel Permit ID: M1978323 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 55,000 Comments: Operator: Parkerson Construction Co. Address: 710 S. 15th St. 81501-0000 Grand Junction CO Contact: Parkerson Alan Telephone: (970) 242-8134 Formation Name: Alluvium Geologic Age: Quaternary Soward Ranch Pit County: Mineral T 40 N R 1 w Section: 18 Qtr Sec: NE Topo Map: Workman Creek Primary Product: Sand and gravel Permit ID: M1988021 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Comments: Operator: Soward Ranch Partnership Address: P.O. Box 130 Creede CO 81130-0000 Telephone: (719) 658-2295 Contact: Lamb R. Scott

Formation Name: Glacial drift

Geologic Age: Quaternary

Formation Name: Sego Sandstone

County: Moffat Bunn Ranch Pit 565 T 6 N R 90 W Section: 5 Qtr Sec: Topo Map: Craig Primary Product: Sand and gravel Permit ID: M1980131 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year Comments: Owned by Lafarge Operator: Western Mobile Northern, Inc. Address: 1590 W. 12th Ave. Denver CO 80204-0000 Contact: Tuttle Gary Telephone: (303) 657-4330 Formation Name: Alluvium Geologic Age: Ouaternary County: Moffat 567 Deakins Pit N R 90 W Section: 23 Qtr Sec: NE Topo Map: Breeze Mountain Primary Product: Borrow rock Permit ID: M1991094 Commodity Type: Aggregate 2nd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Duran & Pearce Contractors, Inc. Address: P.O. Box 1331 81626-0000 Craig CO Contact: Duran Jim Telephone: (970) 824-4014 Formation Name: Alluvium Geologic Age: Ouaternary County: Moffat Hertzog Pit 569 N R 95 W Section: 12 Qtr Sec: N Topo Map: Juniper Mountain Primary Product: Sand and gravel Permit ID: M1981276 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 40,000 Comments: Operator: Wes Hertzog Trucking Address: 814 Stout St. 81625-0000 Craig CO Contact: Hertzog Wes Telephone: (970) 824-5201 Formation Name: Alluvium Geologic Age: Ouaternary

County: Moffat Deakins Pit 566 N R 90 W Section: 6 Qtr Sec: NE Topo Map: Breeze Mountain Primary Product: Sand and gravel Permit ID: M2001060 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 35,000 Comments: In start up Operator: 3B Enterprises Address: 2100 E. 9th St. CO 81625-0000 Craig Telephone: (970) 824-0225 Contact: Baker Steve Formation Name: Alluvium Geologic Age: Quaternary County: Moffat 568 Fedinec Pit N | R | 90 w. T 6 Section: 14 Qtr Sec: Topo Map: Breeze Mountain Primary Product: Crushed stone Permit ID: M1977057 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Comments: Operator: Pioneer Sand Company, Inc. Address: P.O. Box 7650 Colorado Spring CO 80933-0000 Contact: Telephone: (719) 599-8100 Kraig Joe Formation Name: Alluvium Geologic Age: Quaternary County: Moffat 570 Juniper Quarry N R 95 W Topo Map: Juniper Mountain Section: 15 Qtr Sec: NE Permit ID: M1982141 Primary Product: Limestone 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: Estimated Annual Production: 100,000 Comments: Operator: Moffat Limestone Company Address: P.O. Box 205 81640-0000 Maybell CO Contact: Steele Darryl Telephone: (970) 272-3000 Geologic Age: Mississippian Formation Name: Madison Limestone

County: Moffat Mack Pit 571 T 6 N R 91 W Section: 2 Qtr Sec: S Topo Map: Craig Permit ID: M1981212R Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Hardrock Sand & Gravel Address: P.O. Box 141 Craig CO 81626-0000 Pat Contact: Weber Telephone: (970) 824-3944 Formation Name: Alluvium Geologic Age: Quaternary 573 | Moon Pit No 2 County: Moffat T 7 N R 93 W Section: 24 Qtr Sec: SE Topo Map: Lay SE Primary Product: Sand and gravel Permit ID: M1977443 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Hardrock Sand and Gravel Address: P.O. Box 141 Craig 81626-0000 CO Contact: Weber Pat Telephone: (970) 824-3944 Formation Name: Alluvium Geologic Age: Ouaternary County: Moffat Powell's Gravel Pit Section: 9 Qtr Sec: NE N R 103 W Topo Map: Mellen Hill Primary Product: Sand and gravel Permit ID: M1995012 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Comments: Operator: Cecil C Powell Address: P.O. Box 23 Dinosaur CO 81610-0000

Cecil

Telephone: (970) 374-2329

Geologic Age: Ouaternary

Martin Pit 1-A County: Moffat 572 T 6 N R 91 W Section: 13 Qtr Sec: N Topo Map: Castor Gulch Primary Product: Sand and gravel Permit ID: M1990140 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Hardrock Sand and Gravel Address: P.O. Box 141 Craig CO 81626-0000 Contact: Weber Pat Telephone: (970) 824-4053 Formation Name: Alluvium Geologic Age: Quaternary County: Moffat No & So Craig Pits T 7 N R 90 W Section: 35 Qtr Sec: Topo Map: Ralph White Lake Primary Product: Sand and gravel Permit ID: M1994071 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Comments: Operator: Thomas Huiner Address: 9 So. 524 Lorraine Dr. Hinsdale 60521-0000 ILContact: Huiner Thomas Telephone: (630) 725-2488 Formation Name: Alluvium Geologic Age: Ouaternary County: Moffat Rock Pit Mine N R 90 W Section: 9 Qtr Sec: SE T 6 Topo Map: Breeze Mountain Primary Product: Crushed stone Permit ID: M1985082 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Comments: Operator: Pioneer Sand Company, Inc. Address: P.O. Box 7650 Colorado Spring CO 80933-0000 Contact: Joe Kraig Telephone: (719) 599-8100 Formation Name: Williams Fork Fm Geologic Age: Cretaceous

Contact:

Powell

Ross Pit County: Moffat T 6 N R 90 W Section: 3 Qtr Sec: N Topo Map: Ralph White Lake Primary Product: Gravel Permit ID: M1990134 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: James H & Kathleen H Ross Address: 595 Taylor St. Craig CO 81625-0000 Contact: Bud Telephone: (970) 824-2793 Bower Formation Name: Alluvium Geologic Age: Quaternary County: Moffat Wagner Rock N R 90 W Section: 10 Qtr Sec: Topo Map: Breeze Mountain Primary Product: Sand and gravel Permit ID: M1999018 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: 15,000 Comments: Operator: Wagner Construction, Inc. Address: 96400 E. Hwy. 40 Craig CO 81625-0000 Contact: Wagner Telephone: (970) 824-2709 Jav Formation Name: Alluvium Geologic Age: Ouaternary County: Moffat Colowyo Coal Mine N R 93 W Section: 3 Qtr Sec: N Topo Map: Ninemile Gap Primary Product: Coal Permit ID: C1981019 2nd Product: Commodity Type: Coal 3rd Product: Mine Type: Surface Estimated Annual Production: 5,767,595 Comments: Operator: Colowyo Coal Company L.P. Address: 5731 State Highway 13 Meeker CO 81641-0000 Contact: Steve Hinkemeyer Telephone: (970) 824-1572

Geologic Age: Cretaceous

578 Sheehan Pit County: Moffat T 12 N R 89 W Section: 21 Qtr Sec: NE Topo Map: Bakers Peak Primary Product: Sand and gravel Permit ID: M1994022 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 4,550 Comments: Operator: Bartlett, Inc. Address: Box 600 Hanna WY 82327-0000 Contact: Austin Ben Telephone: (307) 325-6532 Formation Name: Alluvium Geologic Age: Ouaternary County: Moffat 580 Williams Fork Pit W N | R | 91 Section: 16 Qtr Sec: S Topo Map: Castor Gulch Primary Product: Sand and gravel Permit ID: M1984168 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: Estimated Annual Production: 30.000 Comments: Operator: Williams Fork Mining Company Address: P.O. Box 187 Craig 81626-0000 CO Telephone: (970) 826-6140 Contact: Luke Forrest Formation Name: Alluvium Geologic Age: Quaternary County: Moffat 582 Trapper Mine N | R | 90 W Section: 6 Qtr Sec: Topo Map: Castor Gulch Primary Product: Coal Permit ID: C1981010 2nd Product: Commodity Type: Coal 3rd Product: Mine Type: Surface Estimated Annual Production: 1.942,311 Comments: Operator: Trapper Mining Inc. Address: P.O. Box 187 Craig 81626-0000 CO Telephone: (970) 824-4401 Contact: Luke Forrest Formation Name: Williams Fork Fm Geologic Age: Cretaceous

Formation Name: Williams Fork Fm

County: Moffat Maybell Mine T 7 N R 94 W Section: 18 Qtr Sec: Topo Map: Lay Primary Product: Uranium Permit ID: M1977286 2nd Product: Vanadium Commodity Type: Energy mineral Mine Type: Surface 3rd Product: Estimated Annual Production: Intermittent production Comments: Borrow material mined only from site Operator: Umetco Minerals Corporation Address: P.O. Box 1029 Grand Junction CO 81502-0000 Contact: Bates Tony Telephone: (970) 256-8881 Formation Name: Browns Park Formation Geologic Age: Tertiary County: Montezuma 585 Cedar Point T 36 N R 14 Section: 36 Qtr Sec: N Topo Map: Mancos Primary Product: Sand and gravel Permit ID: M1994108 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Variable Comments: Operator: Noland, Inc. Address: 40325 St. Hwy. 160 Mancos CO 81328-8976 Rick Telephone: (303) 533-7557 Contact: Noland Formation Name: Gravel Geologic Age: Ouaternary County: Montezuma 587 | Hay Camp Pit T 37 N R 14 W Section: 18 Qtr Sec: NE Topo Map: Dolores East Primary Product: Gravel Permit ID: M1990025 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface

Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Four States Aggregates, LLC Address: P.O. Box 1568 Cortez CO 81321-1568 Telephone: (970) 565-3388 Contact: Brumley Aryol Geologic Age: Ouaternary Formation Name: Alluvium

County: Moffat Blue Jet Mine N R 92 W T 9 Section: 5 Qtr Sec: N Topo Map: Craig NW Primary Product: Gold Permit ID: M1978135HR Commodity Type: Metal 2nd Product: Silver 3rd Product: Copper Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Gold Placer in modern stream; in development Operator: Blue Jet Mining, Inc. Address: P.O. Box 181 Craig CO 81626-0000 Contact: Zimmerman Orvie Telephone: (970) 824-6467 Formation Name: Alluvium Geologic Age: Quaternary County: Montezuma Cortez Pit 586 T 35 N R 16 W Section: 5 Qtr Sec: N Topo Map: Mud Creek Primary Product: Sandstone Permit ID: M1976059 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Comments: Operator: Nielsons, Inc. Address: 22419 CR G Cortez CO 81321-0000 Contact: Wickstrom Craig Telephone: (970) 565-8461 Formation Name: Dakota Sandstone Geologic Age: Cretaceous County: Montezuma Hindmarsh Pit T 36 N R 15 W Section: 23 Qtr Sec: SE Topo Map: Point Lookout Primary Product: Sandstone Permit ID: M1985032 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Four Corners Materials, Inc. Address: P.O. Box 2707 CO 81302-0000 Durango Contact: **Tibbits** Richard Telephone: (970) 247-2172

Geologic Age: Cretaceous

Formation Name: Dakota Sandstone

Keith Pit County: Montezuma 589 T 35 N R 14 W Section: 2 Qtr Sec: Topo Map: Mancos Primary Product: Sand and gravel Permit ID: M1995074 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 100,000 Comments: Operator: Oldcastle SW Group, Inc. dba Four Corners Materials P.O. Box 2707 Address: CO 81302-0000 Durango Contact: Potter Monte Telephone: (970) 247-2172 Formation Name: Gravel Geologic Age: Ouaternary County: Montezuma Line Camp Pit T 33 N R 14 W Section: 22 Qtr Sec: SE Topo Map: Red Horse Gulch Primary Product: Sand and gravel Permit ID: M2001001 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Minimal Comments: New mine Operator: Four States Aggregates, LLC Address: P.O. Box 1568 Cortez CO 81321-1568 Contact: Brumley Arvol Telephone: (970) 565-3388 Formation Name: Alluvium Geologic Age: Ouaternary County: Montezuma Stone Gravel Pit T 35 N R 17 W Section: 13 Qtr Sec: NE Topo Map: Mud Creek Primary Product: Sand and gravel Permit ID: M1997089 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Comments: Operator: Daren Stone Address: 24600 CR "P" 81323-0000 Dolores CO

Koenig Pit T 38 N R 14 W Section: 34 Qtr Sec: NE Topo Map: Boggy Draw Permit ID: M1995020 Primary Product: Sand and gravel Commodity Type: Aggregate 2nd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: 55,000 Comments: Operator: Four Corners Materials, Inc. Address: P.O. Box 788 Dolores CO 81323-0000 Contact: Tibbits Richard Telephone: (303) 882-7232 Formation Name: Alluvium Geologic Age: Ouaternary County: Montezuma 592 Lost Canvon S & G T 37 N R 15 W Section: 23 Qtr Sec: Topo Map: Dolores East Primary Product: Sand and gravel Permit ID: M1985009 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Randolph Backhoe Trucking Address: 24337 Rd. N 81321-0000 Cortez CO Contact: Kenneth Telephone: (970) 565-3588 Randolph Formation Name: Alluvium Geologic Age: Quaternary County: Montezuma Young Gravel Source T 35 N R 14 W Section: 2 Qtr Sec: NE Topo Map: Mancos Primary Product: Sand and gravel Permit ID: M1997020 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Operator: Nielsons, Inc. Address: 22419 CR G Cortez CO 81321-0000 Contact: Wickstrom Craig Telephone: (970) 565-8461 Formation Name: Gravel Geologic Age: Quaternary

County: Montezuma

Contact:

Stone

Formation Name: Alluvium

Daren

Telephone: (970) 565-2603

Geologic Age: Ouaternary

Out West Mine & Mill

Section: 14 Qtr Sec: NE Topo Map: Thompson Park

County: Montezuma

County: Montrose

T 36 N R 12 W Permit ID: M1981184 Primary Product: Gold

2nd Product: Silver Commodity Type: Metal Mine Type: underground 3rd Product:

Estimated Annual Production: None reported in 2002

Comments: Shut-in

Operator: Red Arrow Gold Corporation

Address: P.O. Box 531

Mancos CO 81328-0000

Telephone: (970) 533-7037 Contact: Linkko Craig

Formation Name: Ouartz veins Geologic Age: Tertiary-Cretaceous

Ajax's Ace Pit

T 49 N R 9 Topo Map: Red Rock Canyon Section: 12 Qtr Sec: SE Permit ID: M1980133 Primary Product: Sand and gravel

2nd Product:

Commodity Type: Aggregate

Mine Type: Surface 3rd Product:

Estimated Annual Production: 20,000

Comments:

Operator: Western Gravel, Inc. Address: 3001 N. Townsend Ave.

> CO 81401-0000 Montrose

Contact: **DeVincentis** Judy Telephone: (970) 249-2431

Formation Name: Alluvium Geologic Age: Ouaternary

B & D Trucking

County: Montrose

T 48 N R 10 W Section: 10 Qtr Sec: NE Topo Map: Montrose West Primary Product: Borrow rock Permit ID: M2000072 Commodity Type: Aggregate 2nd Product:

Mine Type: Surface 3rd Product:

Estimated Annual Production: 5.000

Comments:

Operator: B & D Trucking Address: 62477 Jade Rd.

> CO 81401-0000 Montrose

Telephone: (970) 249-2865 Contact: Goode Robert

Geologic Age: Quaternary Formation Name: Landslide alluvium

Twin Canvon Mine 596

T 36 N R 12 W Section: 14 Qtr Sec: SE Topo Map: Thompson Park Permit ID: M1983030 Primary Product: Gold

County: Montezuma

County: Montrose

County: Montrose

2nd Product: Commodity Type: Metal 3rd Product: Mine Type: underground

Estimated Annual Production: None reported in 2002

Comments: Shut-in Operator: Westley Potts Address: 8115 CR 41

> CO 81328-0000 Mancos

Contact: Potts Westley Telephone: (970) 533-7334

Formation Name: Quartz veins Geologic Age: Tertiary Cretaceous

598 Angie Pit

T 45 N R 14 W Section: 10 Qtr Sec: S Topo Map: Redvale Primary Product: Gravel Permit ID: M2000049

2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product:

Estimated Annual Production: 75,000

Comments:

Operator: Louisiana Land and Gravel Company, LLC

Address: P.O. Box 8419

70722-0000 Clinton LA

Contact: DeJohn Michael Telephone: (225) 683-3358

Formation Name: Alluvium Geologic Age: Ouaternary

Base Product Gravel Pit 1

T 49 N R 10 W Section: 13 Qtr Sec: S Topo Map: Olathe

Primary Product: Sand and gravel Permit ID: M1994053 2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: 40,000

Comments:

Operator: Base Products

Address: 62339 W. LaSalle Rd.

> Montrose CO 81401-0000

Contact: Telephone: (970) 249-3061 Appelhanz Tony

Formation Name: Alluvium Geologic Age: Ouaternary

County: Montrose 601 Bellgardt Pit T 49 N R 8 w Section: 24 Qtr Sec: SE Topo Map: Cerro Summit Primary Product: Sand and gravel Permit ID: M1977085 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 22,000 Comments: Operator: August Bellgardt Address: 14480 N. 74 Rd. Montrose CO 81401-0000 Contact: De Vincentis Judy Telephone: (970) 249-2431 Formation Name: Gravel Geologic Age: Ouaternary Cadgene Pit No. 2 County: Montrose T 46 N R 14 W Section: 29 Qtr Sec: SE Topo Map: Redvale Primary Product: Gravel Permit ID: M2000107 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: New mine Operator: Redvale Sand and Gravel Company, Inc. Address: P.O. Box 10 Redvale CO 81431-0000 Contact: ΜJ Telephone: (970) 327-4694 Cadgene Formation Name: Alluvium Geologic Age: Quaternary Colona Gravel Pit County: Montrose 605 T 48 N R 9 Section: 36 Qtr Sec: SE Topo Map: Colona Primary Product: Sand and gravel Permit ID: M1994005 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface

Estimated Annual Production: 100,000 Comments: Operator: Oldcastle SW Group, Inc. dba United Companies of Mesa County Address: P.O. Box 3609 Grand Junction CO 81502-0000 Contact: Johnson Richard Telephone: (970) 243-4900 Formation Name: Alluvium Geologic Age: Quaternary

County: Montrose Cadgene Pit T 46 N R 14 W Section: 29 Qtr Sec: S Topo Map: Redvale Primary Product: Sand and gravel Permit ID: M1983158 Commodity Type: Aggregate 2nd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: Variable Comments: Operator: M J Cadgene Address: P.O. Box 10 Redvale CO 81431-0000 Contact: Cadene M Telephone: (970) 327-4694 Formation Name: Alluvium Geologic Age: Quaternary County: Montrose Club Mines 604 T 47 N R 17 W Section: 4 Qtr Sec: SE Topo Map: Uravan Primary Product: Borrow rock Permit ID: M1977477 2nd Product: Commodity Type: Aggregate Mine Type: Surface and underground 3rd Product: Estimated Annual Production: Intermittent production Comments: Borrow material mined only from site Operator: Umetco Minerals Corporation Address: P.O. Box 1029 Grand Junction CO 81502-0000 Contact: Bates Tony Telephone: (970) 245-3700 Formation Name: Morrison-derived alluvium Geologic Age: Ouaternary Corev Gravel Pit #3 County: Montrose 606 T 49 N R 9 Section: 19 Qtr Sec: S Topo Map: Montrose West Primary Product: Sand and gravel Permit ID: M1987024 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 7.500 Comments: Operator: Robert D and Lavelle Corey Address: 62237 Spring Creek Rd. CO 81401-0000 Montrose Contact: Johnson Robert Telephone: (970) 249-1974

Geologic Age: Ouaternary

County: Montrose 607 Downey-Stephens Pit T 49 N R 10 W Section: 12 Qtr Sec: N Topo Map: Olathe Primary Product: Sand and gravel Permit ID: M1994109 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: 7,500 Comments: Operator: Downey Excavation, Inc. Address: 61336 Jay Rd. Montrose CO 81481-0000 Contact: Rod Telephone: (970) 249-7222 Downey Formation Name: Alluvium Geologic Age: Ouaternary County: Montrose 609 Gray Pit #1 T 49 N R 8 W Section: 24 Qtr Sec: Topo Map: Red Rock Canyon Primary Product: Sand and gravel Permit ID: M2002057 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: N/A Comments: Unable to project due to uncertain economy Operator: Nick H. Gray Address: 584 65.30 Rd CO 81401-0000 Mancos Contact: Nick Telephone: (970) 249-9436 Grav Formation Name: Alluvium Geologic Age: Ouaternary County: Montrose 611 Moore Pit T 49 N R 9 $|\mathbf{w}|$ Section: 28 Qtr Sec: N Topo Map: Naturita Primary Product: Sand and gravel Permit ID: M1988045 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Comments: Operator: Elam Construction, Inc. Address: 1225 S. 7th St. Grand Junction CO 81501-0000 Contact: Cates Jason Telephone: (970) 242-5370

Geologic Age: Ouaternary

County: Montrose 608 Gleason Pit T 45 N R 14 W Section: 15 Qtr Sec: NF. Topo Map: Redvale Primary Product: Sand and gravel Permit ID: M1983159 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Tom and Regina Farmer Address: P.O. Box 39 Redvale 81431-0000 CO Contact: Farmer Regina Telephone: (970) 327-4316 Formation Name: Alluvium Geologic Age: Quaternary Hollenbeck Pit County: Montrose 610 T 48 N R 9 W Section: 14 Qtr Sec: S Topo Map: Montrose East Primary Product: Sand and gravel Permit ID: M1981078 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 12,000 Comments: Operator: Western Gravel, Inc. Address: 3001 N. Townsend Ave. Montrose CO 81401-0000 Contact: DeVincentis Joe Telephone: (970) 249-2431 Formation Name: Alluvium Geologic Age: Ouaternary Moore Pit County: Montrose T 46 N R 16 W Section: 14 Qtr Sec: SE Topo Map: Montrose West Primary Product: Sand and gravel Permit ID: M1995044 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 9,000 Comments: Operator: Southwestern Redi-Mix Address: P.O. Box 595 Naturita CO 81422-0000 Contact: Littlejohn Debbie Telephone: (970) 865-2355 Formation Name: Alluvium Geologic Age: Ouaternary

County: Montrose Moore Pit Staging Area T 49 N R 9 w Section: 28 Qtr Sec: N Topo Map: Montrose West Primary Product: Sand and gravel Permit ID: M1999032 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Comments: Operator: Elam Construction, Inc. Address: 1225 S. 7th St. Grand Junction CO 81501-0000 Contact: Cates Jason Telephone: (970) 242-5370 Formation Name: Alluvium Geologic Age: Ouaternary County: Montrose North D-21 Pit W T 49 N R 9 Section: 19 Qtr Sec: N Topo Map: Montrose West Primary Product: Gravel Permit ID: M1994083 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: 30,000 Comments: Operator: Western Gravel, Inc. Address: 3001 N. Townsend Ave. Montrose CO 81401-0000 Contact: **DeVincentis** Joe Telephone: (970) 249-2431 Formation Name: Alluvium Geologic Age: Ouaternary County: Montrose 617 Olathe Pit T 50 N R 10 W Section: 22 Qtr Sec: N Topo Map: Olathe Primary Product: Sand and gravel Permit ID: M1984108 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 5,500 Comments: Operator: Western Gravel, Inc. 3001 N. Townsend Ave. Address: 81401-0000 Montrose CO **DeVincentis** Contact: Joseph Telephone: (970) 249-2431

Geologic Age: Quaternary

614 Mott Gravel Pit County: Montrose T 51 N R 6 w Section: 31 Qtr Sec: SE Topo Map: Crawford Primary Product: Sand and gravel Permit ID: M1980049 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Donald R Hart Address: 3500 Clear Fork Rd. Crawford CO 81415-0000 Telephone: (970) 921-5299 Contact: Hart Donald Formation Name: Alluvium Geologic Age: Ouaternary County: Montrose 616 | North R-34 Pit T 49 N R 9 W Section: 18 Qtr Sec: SE Topo Map: Olathe Primary Product: Sand and gravel Permit ID: M1996008 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 500 Comments: Operator: Western Gravel, Inc. Address: 3001 N. Townsend Ave. CO 81401-0000 Montrose Contact: DeVincentis Judy Telephone: (970) 249-2431 Formation Name: Alluvium Geologic Age: Quaternary County: Montrose 618 Pinnacle No 1 T 47 N R 16 W Section: 29 Qtr Sec: NE Topo Map: Uravan Primary Product: Sandstone Permit ID: M1993053 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: 500 Comments: Operator: Glen R. Turner Address: P.O. Box 354 Eldorado Spring CO 80126-0000 Turner Glen Telephone: (303) 887-4956 Contact: Geologic Age: Jurassic Formation Name: Morrison Fm

Pit No 3 Marine Pit County: Montrose 619 W T 49 N R 9 Section: 29 Qtr Sec: NE Topo Map: Montrose West Primary Product: Sand and gravel Permit ID: M1977028 Commodity Type: Aggregate 2nd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Western Gravel, Inc. Address: 3001 N. Townsend Ave. Montrose CO 81401-0000 Contact: DeVincentis Joseph Telephone: (970) 249-2431 Formation Name: Alluvium Geologic Age: Quaternary County: Montrose Spring Creek Pit 621 T 49 N R 10 W Section: 13 Qtr Sec: N Topo Map: Olathe Permit ID: M1994097 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 100,000 Comments: Operator: Oldcastle SW Group, Inc. dba United Companies of Mesa County

Address: P.O. Box 3609

Grand Junction CO 81502-0000

Contact: Richard Telephone: (970) 243-4900 Johnson

Geologic Age: Quaternary Formation Name: Alluvium

623 United/Norwood Pit County: Montrose

T 45 N R 13 W Section: 13 Qtr Sec: N Topo Map: Norwood Primary Product: Gravel Permit ID: M1988037 2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: 100,000

Comments:

Operator: Oldcastle SW Group, Inc. dba United Companies of Mesa County

Address: P.O. Box 3609

Grand Junction CO 81502-0000

Contact: Johnson Richard Telephone: (970) 243-4900

Geologic Age: Quaternary Formation Name: Alluvium

620 South D-20 Pit

T 48 N R 9 W Section: 17 Qtr Sec: N Topo Map: Montrose West Primary Product: Sand and gravel Permit ID: M1992102

2nd Product:

Commodity Type: Aggregate

County: Montrose

County: Montrose

3rd Product: Mine Type: Surface

Estimated Annual Production: 10.000

Comments:

Operator: Western Gravel, Inc. Address: 3001 N. Townsend Ave.

> CO Montrose 81401-0000

Contact: **DeVincentis** Telephone: (970) 249-2431 Judy

Geologic Age: Quaternary Formation Name: Alluvium

> County: Montrose Tomcat

T 46 N R 15 W Section: 21 Qtr Sec: NE Topo Map: Naturita Primary Product: Gravel Permit ID: M1993031

2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: Intermittent production

Comments:

622

Operator: Reams Construction Co.

Address: 28490 Hwy 141

81422-0000 Naturita CO

Contact: Earl Reams Telephone: (970) 865-2886

Formation Name: Alluvium Geologic Age: Quaternary

624 Waldow Pit

T | 50 | N | R | 10 | W | Section: 9 Qtr Sec: SE Topo Map: Olathe

Primary Product: Sand and gravel Permit ID: M1994052 2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: Not disclosed

Comments:

Operator: Van's Excavation Address: P.O. Box 681

> Olathe CO 81425-0000

Contact: Vandeveer G Telephone: (970) 323-6230

Formation Name: Alluvium Geologic Age: Ouaternary

County: Montrose Weimer No. 2 625 T 46 N R 16 W Section: 13 Qtr Sec: SE Topo Map: Naturita Primary Product: Gravel Permit ID: M1996031 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Sutherland Brothers, Inc. Address: 29703 Hwy. 97 Nucla CO 81424-0000 Contact: Sutherland Bob Telephone: (970) 864-7662 Formation Name: Alluvium Geologic Age: Ouaternary County: Montrose 627 West End Gravel Pit #1 T 46 N R 15 W Section: 11 Qtr Sec: SE Topo Map: Big Bucktail Creek Primary Product: Gravel Permit ID: M1994011 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 5,000 Comments: Operator: West End Gravel Company Address: P.O. Box 848 Nucla CO 81424-0000 Contact: Bob Telephone: (970) 864-2177 Sutherland Formation Name: Alluvium Geologic Age: Quaternary C-JD-5 County: Montrose 629 T 46 N R 17 W Section: 21 Qtr Sec: Topo Map: Naturita NW Primary Product: Uranium Permit ID: M1977248 2nd Product: Vanadium Commodity Type: Energy mineral 3rd Product: Mine Type: underground Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Gold Eagle Mining, Inc. Address: 845 E. Main St. CO 81402-0000

T 46 N R 15 W Section: 18 Qtr Sec: N Topo Map: Naturita Primary Product: Sand and gravel Permit ID: M2001002 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 15,000 Comments: Operator: West End Gravel Company, Inc. Address: 29703 Hwy, CO-97 Nucla CO 81424-0000 Telephone: (970) 864-2177 Bob Contact: Sutherland Formation Name: Alluvium Geologic Age: Ouaternary County: Montrose 628 New Horizon Mine T 47 N R 16 W Section: 25 Qtr Sec: SE Topo Map: Uravan Permit ID: C1981008 Primary Product: Coal 2nd Product: Commodity Type: Coal 3rd Product: Mine Type: Surface Estimated Annual Production: 370,725 Comments: Operator: Western Fuels-Colorado Address: P.O. Box 628 Nucla CO 81424-0000 Contact: Telephone: (970) 864-2165 Gubka Ross Geologic Age: Cretaceous Formation Name: Dakota Sandstone County: Montrose CLP-21 Mine T 47 N R 17 W Section: 22 Qtr Sec: Topo Map: Atkinson Creek Primary Product: Uranium Permit ID: M1977305 2nd Product: Vanadium Commodity Type: Energy mineral 3rd Product: Mine Type: underground Estimated Annual Production: None reported in 2002 Comments: Care & maintenance and some development Operator: Cotter Corporation Address: P.O. Box 700 Nucla CO 81424-0000 David Telephone: (970) 864-7347 Contact: Diss Geologic Age: Jurassic Formation Name: Morrison Fm

626 Weimer One Gravel

County: Montrose

Contact:

Montrose

Formation Name: Morrison Fm

Coram

Don

Telephone: (970) 249-0724

Geologic Age: Jurassic

CM-25 Mine County: Montrose 631 T 47 N R 17 W Section: 4 Qtr Sec: S Topo Map: Atkinson Creek Primary Product: Uranium Permit ID: M1977307 Commodity Type: Energy mineral 2nd Product: Vanadium 3rd Product: Mine Type: underground Estimated Annual Production: None reported in 2002 Comments: Care & maintenance and some development Operator: Cotter Corporation Address: P.O. Box 700 Nucla CO 81424-0000 Diss David Telephone: (970) 864-7347 Contact: Formation Name: Morrison Fm. Geologic Age: Jurassic

County: Montrose 633 JD-7 Mine T 46 N R 17 W Section: 16 Qtr Sec: S Topo Map: Atkinson Creek Primary Product: Uranium Permit ID: M1977308 2nd Product: Vanadium Commodity Type: Energy mineral

3rd Product: Mine Type: underground Estimated Annual Production: None reported in 2002

Comments: Care & maintenance and some development Operator: Cotter Corporation Address: P.O. Box 700

> Nucla CO 81424-0000

Diss David Telephone: (970) 864-7347 Contact:

Formation Name: Morrison Fm Geologic Age: Jurassic

County: Montrose 635 JD-8 Mine

T 46 N R 17 W Section: 19 Qtr Sec: Topo Map: Bull Canyon Primary Product: Uranium Permit ID: M1978127HR 2nd Product: Vanadium Commodity Type: Energy mineral

3rd Product: Mine Type: underground

Estimated Annual Production: None reported in 2002 Comments: Care & maintenance and some development

Operator: Cotter Corporation Address: P.O. Box 700

> Nucla CO 81424-0000

Contact: Diss David Telephone: (303) 864-7347 Formation Name: Morrison Fm Geologic Age: Jurassic

JD-6 Mine 632

T 46 N R 17 W Section: 22 Qtr Sec: S Topo Map: Naturita NW Primary Product: Uranium Permit ID: M1977310 2nd Product: Vanadium Commodity Type: Energy mineral

County: Montrose

County: Montrose

County: Montrose

3rd Product: Mine Type: underground

Estimated Annual Production: None reported in 2002 Comments: Care & maintenance and some development

Operator: Cotter Corporation Address: P.O. Box 700

> Nucla CO 81424-0000

Telephone: (970) 864-7347 Contact: Diss David Formation Name: Morrison Fm Geologic Age: Jurassic

JD-7 Pit 634

T 46 N R 17 W Section: 16 Qtr Sec: Topo Map: Naturita NW Primary Product: Uranium Permit ID: M1979094HR Commodity Type: Energy mineral 2nd Product: Vanadium

3rd Product: Mine Type: Surface

Estimated Annual Production: None reported in 2002 Comments: Care & maintenance and some development

Operator: Cotter Corporation Address: P.O. Box 700

> Nucla CO 81424-0000

Diss David Telephone: (970) 864-7347 Contact: Formation Name: Morrison Fm Geologic Age: Jurassic

JD-9 Mine

T 46 N R 17 W Section: 31 Otr Sec: Topo Map: Bull Canvon Primary Product: Uranium Permit ID: M1977306 2nd Product: Vanadium Commodity Type: Energy mineral

3rd Product: Mine Type: underground

Estimated Annual Production: None reported in 2002 Comments: Care & maintenance and some development

Operator: Cotter Corporation Address: P.O. Box 700

CO Nucla 81424-0000

Diss David Telephone: (970) 864-7347 Contact: Geologic Age: Jurassic

Formation Name: Morrison Fm

Mineral Joe Claims 637

Section: 21 Qtr Sec: NF

Topo Map: Bull Canyon Permit ID: M1977284

County: Montrose

Primary Product: Uranium 2nd Product: Vanadium

T 46 N R 17 W

Commodity Type: Energy mineral

3rd Product:

Mine Type: underground

Estimated Annual Production: None reported in 2002 Comments: Care & maintenance and some development

Operator: Cotter Corporation Address: P.O. Box 700

Nucla

CO 81424-0000

Contact: Diss David Formation Name: Morrison Fm

Telephone: (970) 864-7347

Geologic Age: Jurassic

Monogram-Jo Dandy

County: Montrose

T 46 N R 17 W Section: 18 Qtr Sec: NE Primary Product: Uranium

Topo Map: Davis Mesa Permit ID: M1977293

Commodity Type: Energy mineral

3rd Product:

Mine Type: underground

Estimated Annual Production: None reported in 2002

Comments: Shut-in

2nd Product: Vanadium

Operator: International Uranium (USA) Corp.

Address: Independence Plaza, 950

80265-0000 Denver CO

Contact: Wetz Terry Telephone: (303) 628-7798 Formation Name: Morrison Fm Geologic Age: Jurassic

Pickett Corral Mine

County: Montrose

T 46 N R 18 W Section: 34 Qtr Sec: S Primary Product: Uranium

Topo Map: Bull Canyon Permit ID: M1977438

2nd Product: Vanadium Commodity Type: Energy mineral 3rd Product: Mine Type: underground

Estimated Annual Production: None reported in 2002

Comments: Shut-in

Operator: Grand Mesa Mining Corp. Address: C/O Butler, Fitzgerald and Potter

New York

NY 10036-0000

Contact: Fitzgerald

Raymond

Telephone: (212) 704-3400

Formation Name: Morrison Fm

Geologic Age: Jurassic

Monogram Mines 638

Section: 18 Qtr Sec:

Topo Map: Davis Mesa

County: Montrose

T 46 N R 17 W Primary Product: Uranium

Permit ID: M1980055HR Commodity Type: Energy mineral

2nd Product: Vanadium 3rd Product: Mine Type: Surface and underground

Estimated Annual Production: None reported in 2002

Comments: Shut-in

Operator: International Uranium (USA) Corp.

Address: Independence Plaza, 950

> Denver Wetz

CO 80265-0000

Теггу

Telephone: (303) 628-7798

Geologic Age: Jurassic

Formation Name: Morrison Fm

County: Montrose

Peggie Mines T 47 N R 17 W

Section: 6 Qtr Sec: SE Topo Map: Uravan

Primary Product: Uranium Permit ID: M1977500UG Commodity Type: Energy mineral 2nd Product: Vanadium

3rd Product:

Mine Type: underground

Estimated Annual Production: Not disclosed

Comments:

Contact:

Operator: Russell D Neesham

P.O. Box 67 Address:

Naturita

81422-0000 CO

Contact: Neesham Russell Formation Name: Morrison Fm.

Telephone: (970) 865-2671

Geologic Age: Jurassic

Pie Face Mine

Section: 2 Qtr Sec: NE Topo Map: Naturita NW

County: Montrose

Primary Product: Uranium 2nd Product: Vanadium

Permit ID: M1977473 Commodity Type: Energy mineral

3rd Product:

T 46 N R 17 W

Mine Type: underground

Estimated Annual Production: Not disclosed

Comments:

Contact:

Operator: Russell D Neesham

Address: P.O. Box 67

Naturita

81422-0000 CO

Neesham

Russell

Telephone: (970) 865-2671

Formation Name: Morrison Fm

Geologic Age: Jurassic

County: Montrose SM-18 Mine 643 T 48 N R 17 W Section: 22 Qtr Sec: S Topo Map: Atkinson Creek Permit ID: M1978116 Primary Product: Uranium Commodity Type: Energy mineral 2nd Product: Vanadium 3rd Product: Mine Type: underground Estimated Annual Production: None reported in 2002 Comments: Care & maintenance and some development Operator: Cotter Corporation Address: P.O. Box 700 Nucla CO 81424-0000 Diss David Telephone: (970) 864-7347 Contact: Formation Name: Morrison Fm Geologic Age: Jurassic County: Montrose 645 Wright Group T 48 N R 12 W Topo Map: Davis Point Section: 34 Qtr Sec: NE Permit ID: M1979118HR Primary Product: Uranium 2nd Product: Vanadium Commodity Type: Energy mineral Mine Type: underground 3rd Product: Estimated Annual Production: None reported in 2002 Comments: Care & maintenance and some development Operator: Cotter Corporation Address: 28151 DD Rd. Nucla CO 81424-0000 Telephone: (970) 864-7347 Dave Contact: Diss Formation Name: Morrison Fm Geologic Age: Jurassic County: Morgan ||Avers Pit T 4 N R 57 W Section: 12 Qtr Sec: N Topo Map: Brush West Primary Product: Sand and gravel Permit ID: M1981004

Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: 4.550 Comments:

Operator: Dilleys Sand & Gravel Address: 1914 Edmunds St.

Brush CO 80723-0000

Contact: Dilley Vernon Telephone: (970) 842-2810

Geologic Age: Ouaternary Formation Name: Alluvium

Van 4 Shaft

T 46 N R 17 W Section: 29 Qtr Sec: NE Topo Map: Bull Canyon Primary Product: Uranium Permit ID: M1997032 2nd Product: Vanadium Commodity Type: Energy mineral

County: Montrose

County: Montrose

3rd Product: Mine Type: underground

Estimated Annual Production: None reported in 2002

Comments: Shut-in

Operator: International Uranium (USA) Corp. Address: 1050 Seventeenth St., Ste. 950

Denver CO 80265-0000

Contact: Wetz Terry Telephone: (303) 628-7798 Formation Name: Morrison Fm Geologic Age: Jurassic

646 Panther 1

T 46 N R 14 W Section: 24 Qtr Sec: N Topo Map: Redvale Primary Product: Gold (placer) Permit ID: M1992062

2nd Product: Silver Commodity Type: Metal 3rd Product: Mine Type: Surface

Estimated Annual Production: Not disclosed

Comments:

Operator: Panther Mining and Exploration

Address: P.O. Box 3113

Montrose CO 81402-0000

Contact: Middleton Raymond Telephone: (970) 249-7864

Formation Name: Alluvium Geologic Age: Ouaternary

Barlow Pit

County: Morgan T 4 N R 57 W Section: 33 Qtr Sec: S Topo Map: Fort Morgan

Primary Product: Sand and gravel Permit ID: M1974092

2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: 17,000

Comments:

Operator: Dorn Ready-Mix Corp

Address: 19671 Rd. R 7

CO 80701-0000 Fort Morgan

Contact: Telephone: (970) 867-2968 Dowling Doug

Formation Name: Alluvium Geologic Age: Quaternary

County: Morgan Builders Aggr Pit T 4 N R 57 W Section: 31 Qtr Sec: NE Topo Map: Fort Morgan Primary Product: Sand and gravel Permit ID: M1981112 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 26,000 Comments: Operator: Builders Aggregate Company, Inc. Address: 915 W. Beaver Ave. CO 80701-0000 Ft Morgan Contact: Miner James Telephone: (970) 867-6334 Formation Name: Alluvium Geologic Age: Quaternary County: Morgan 651 Clark Pit N R 58 W Т 4 Section: 24 Qtr Sec: NE Topo Map: Fort Morgan Primary Product: Sand and gravel Permit ID: M1980140 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Glenn Clark Address: 17555 Rd. V Ft Morgan CO 80701-0000 Contact: Clark Elsie Telephone: (303) 867-5142 Formation Name: Alluvium Geologic Age: Quaternary County: Morgan Etchison Pit N R 60 W Section: 8 Qtr Sec: N Topo Map: Sunken Lake Primary Product: Sand and gravel Permit ID: M1978165 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in

Operator: Bestway Paving Company Address: 131 N. 35th Ave. Greeley CO 80633-0000

County: Morgan Chartier Pit 650 N R 56 W Section: 14 Qtr Sec: S Topo Map: Brush East Primary Product: Sand and gravel Permit ID: M1984040 Commodity Type: Aggregate 2nd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: Not disclosed Comments: Operator: Larry L. Chartier Address: 21305 Road 28.5 CO 80723-0000 Brush Contact: Chartier Telephone: (970) 842-5657 Larry Formation Name: Gravel Geologic Age: Ouaternary County: Morgan Drake Haven Pit 652 N R 60 W Section: 2 Qtr Sec: N Topo Map: Orchard Permit ID: M1987145 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 26,000 Comments: Operator: Drake Land Farms Ltd Address: 9633 Corsair Dr. Conifer CO 80433-0000 Contact: Golden, P.E. Richard Telephone: (303) 816-0883 Formation Name: Alluvium Geologic Age: Ouaternary County: Morgan Gordley 1 Pit 654 N R 57 Topo Map: Lamb Section: 8 Qtr Sec: SE Primary Product: Borrow rock Permit ID: M1993070 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 16.000 Comments: Operator: Otis Jr and Patricia M Gordley Address: 19433 Rd. O 80701-0000 Ft Morgan CO Otis and P Telephone: (970) 867-3474 Contact: Gordley

Geologic Age: Quaternary

Formation Name: Gravel

Green

Formation Name: Alluvium

Harvey

Telephone: (970) 353-1654

Geologic Age: Ouaternary

County: Morgan Green Bros Pit No 2 T 4 N R 57 W Section: 33 Qtr Sec: SE Topo Map: Fort Morgan Permit ID: M1995030 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Green Brothers, Inc. Address: 19441 U.S. Hwy. 34 Ft Morgan CO 80701-0000 Green Jim Telephone: (970) 867-2404 Contact: Formation Name: Alluvium Geologic Age: Quaternary County: Morgan Holbeck Morgan Co N R 57 Section: 16 Otr Sec: NE Topo Map: Lamb Primary Product: Blow sand Permit ID: M1985124 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Ransom Boone Excavating Address: 18808 CR Q 5 Ft Morgan 80701-0000 CO Contact: Boone Ransom Telephone: (970) 867-6956 Formation Name: Gravel Geologic Age: Quaternary County: Morgan 659 Vondy Pit T 6 N R 56 W Section: 13 Qtr Sec: SE Topo Map: Antelope Springs Primary Product: Sand and gravel Permit ID: M1986105 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: 4,550 Comments: Operator: Dilleys Sand & Gravel

1914 Edmunds St. Address:

> CO 80723-0000 Brush

Contact: Vernon Telephone: (970) 842-2810 Dillev

Formation Name: Eolian sand Geologic Age: Ouaternary

Headley Farms 656

> N R 55 W Section: 30 Qtr Sec: SE Topo Map: Brush East

Primary Product: Sand and gravel

Permit ID: M1980135

County: Morgan

2nd Product:

Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: Variable

Comments:

T 5

Operator: Western Cleanup Corporation Address: 1320 E. Burlington Ave.

> Fort Morgan CO 80701-0000

Contact: Greene Ron Telephone: (970) 867-9507

Formation Name: Gravel

Riverbank Farms Grav

Section: 15 Qtr Sec: S Topo Map: Brush West Permit ID: M1984109

Primary Product: Sand and gravel

N R 56 W

Commodity Type: Aggregate

Geologic Age: Quaternary

County: Morgan

County: Morgan

Mine Type: Surface 3rd Product:

Estimated Annual Production: None reported in 2002

Comments: Shut-in

2nd Product:

Operator: William and Associates Investment Co., Inc.

Address: 75 Manhattan Dr., #200

Boulder CO 80303-0000

Contact: Suitts David Telephone: (303) 499-5400

Formation Name: Alluvium Geologic Age: Quaternary

Westhoff Farms

T 1 N R 60 W Section: 16 Qtr Sec: SE Topo Map: Hoyt

Primary Product: Borrow rock Permit ID: M1987166 2nd Product: Commodity Type: Aggregate

3rd Product:

Mine Type: Surface

Estimated Annual Production: None reported in 2002

Comments: Shut-in Operator: Westhoff Farms

Address: 2823 RD3

> Wiggins CO 80654-0000

Westhoff Contact: Joseph Telephone: (970) 483-5561

Formation Name: Alluvium Geologic Age: Quaternary

Westhoff Pit County: Morgan 661 T 5 N R 58 W Section: 34 Qtr Sec: NE Topo Map: Fort Morgan Primary Product: Sand and gravel Permit ID: M1977094 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Comments: Operator: Morgan Sand and Gravel Address: P.O. Box 1443 Ft Morgan CO 80701-0000 Westhoff Contact: Garv Telephone: (970) 867-8074 Formation Name: Alluvium Geologic Age: Ouaternary County: Otero 663 Cash Pit T 22 S R 58 W Section: 31 Qtr Sec: Topo Map: Elder Primary Product: Gravel and sand Permit ID: M1996062 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 50,000 Comments: Operator: Carder, Inc. Address: P.O. Box 721 CO 81052-0000 Lamar Contact: Peterson Ron Telephone: (719) 336-3479 Formation Name: Gravel Geologic Age: Ouaternary North River Pit County: Otero |T |24 |S ||R |55 |W Section: 1 Qtr Sec: NF. Topo Map: La Junta Primary Product: Sand and gravel Permit ID: M1999005 2nd Product: Borrow rock Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Minimal Comments: Operator: All Rite Paving and Redi-Mix, Inc. Address: P.O. Box 1720 CO 81212-0000 Canon City Contact: Denise Telephone: (719) 275-1280

Geologic Age: Ouaternary

Caldwell Brothers 3 County: Otern T 23 S R 56 W Section: 31 Qtr Sec: S Topo Map: Hawley Primary Product: Sand and gravel Permit ID: M1986016 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Caldwell Brothers Address: 25026 Rd. 19 Rocky Ford CO 81067-0000 Wayne Telephone: (719) 254-3210 Contact: Caldwell Formation Name: Gravel Geologic Age: Ouaternary Nesselhuf Pit No. 1 County: Otero 664 W S R 57 T 23 Section: 5 Qtr Sec: Topo Map: Manzanola Permit ID: M1997072 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Minimal Comments: Operator: Albert F. & Lola Nesselhuf Address: 31160 CR 14 81058-0000 Manzanola CO Contact: Nesselhuf Albert Telephone: (719) 254-3231 Formation Name: Alluvium Geologic Age: Ouaternary County: Otero Rocky Ford East Pit 666 T 23 S R 56 W Section: 21 Qtr Sec: NF. Topo Map: Rocky Ford Primary Product: Sand and gravel Permit ID: M1977560 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Valco, Inc. Address: P.O. Box 550 Rocky Ford CO 81067-0000 Contact: Adams Wayne Telephone: (719) 254-7461

Geologic Age: Quaternary

Formation Name: Gravel

Formation Name: Alluvium

County: Otero 667 Rocky Ford South Pit T 23 S R 57 W Section: 25 Qtr Sec: S Topo Map: Rocky Ford Permit ID: M1977222 Primary Product: Sand and gravel Commodity Type: Aggregate 2nd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Valco - Rocky Ford Div Address: P.O. Box 550 CO 81067-0000 Rocky Ford Contact: Adams Wavne Telephone: (719) 254-7461 Formation Name: Gravel Geologic Age: Ouaternary HATT Mine No. 1 County: Ofero 669 T 23 S R 55 W Section: 27 Qtr Sec: S Topo Map: Cheraw Primary Product: Gold Permit ID: M1991036 2nd Product: Commodity Type: Metal 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut in; refractory gold in limestone. Operator: HATT Mining Co. Address: 116 Colorado Ave. La Junta CO 81050-0000 Telephone: (719) 384-4849 Tucker Larry Contact: Formation Name: Niobrara Fm Geologic Age: Cretaceous County: Ouray Memphis T 44 N R 8 Section: 25 Qtr Sec: NE Topo Map: Ouray Primary Product: Sand and gravel Permit ID: M1997084 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: N/A Comments: According to answering service company shut down no forwarding address or phone no's. Permit was good according to secretary I talked to one month ago. Operator: Horizon Ranch, LLP

Address: P.O. Box 190 Forney TX 75126-0000 Gillum Reef Telephone: (972) 564-6668 Contact: Formation Name: Gravel Geologic Age: Ouaternary Page 112 of 214

County: Otero Rough Cut Pit T 23 S R 58 W Section: 4 Qtr Sec: Topo Map: Elder Primary Product: Sand and gravel Permit ID: M2001033 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: New mine Operator: Rough Cut, LLC Address: 15645 Rd. GG Rocky Ford CO 81067-0000 Telephone: (719) 254-4576 Contact: Frantz Alan Formation Name: Gravel Geologic Age: Ouaternary Abbott Gravel Pit County: Ourav 670 T 45 N R 8 w Section: 21 Otr Sec: Topo Map: Dallas Primary Product: Gravel Permit ID: M1975049 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 47,000 Comments: Operator: Abbott Ready Mix, Inc. Address: P.O. Box 40 81432-0000 Ridgway CO Contact: Abbott Robert Telephone: (970) 626-5801 Formation Name: Gravel Geologic Age: Quaternary County: Ourav Peck Pit T 44 N R 8 W Section: 2 Qtr Sec: S Topo Map: Ouray Primary Product: Gravel Permit ID: M1992049 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: Estimated Annual Production: Not disclosed Comments: Operator: Peck Inc. Address: P.O. Box 278 CO 81427-0000 Ouray Contact: Ponchak Charles Telephone: (970) 325-4703 Formation Name: Gravel Geologic Age: Ouaternary

ZMK Gravel Pit County: Ouray T 44 N R 8 w Section: 2 Qtr Sec: S Topo Map: Ouray Primary Product: Gravel Permit ID: M1991146 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 20,000 Comments: Operator: ZMK Mine Construction Inc. Address: 342 7th Ave. Ourav CO 81427-0000 Contact: Larson Robert Telephone: (970) 325-4600 Formation Name: Alluvium Geologic Age: Ouaternary County: Ouray Bachelor Syracuse Mn T 44 N R 7 W Section: 18 Qtr Sec: SE Topo Map: Ouray Primary Product: Silver Permit ID: M1980171 2nd Product: Gold Commodity Type: Metal 3rd Product: Mine Type: underground Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Bachelor Silver Mines Company Address: P.O. Box 965 Ourav CO 81427-0000 Carl Telephone: (970) 325-4665 Contact: Dismant Geologic Age: Tertiary-Cretaceous Formation Name: Ouartz veins County: Ourav Eldorado-Pilot T 43 N R 8 Section: 17 Qtr Sec: N Topo Map: Telluride Primary Product: Gold Permit ID: M1990059 2nd Product: Silver Commodity Type: Metal 3rd Product: Mine Type: underground Estimated Annual Production: None reported in 2002 Comments: Shut-in

87401-9106

Telephone: (505) 860-1728

Geologic Age: Tertiary-Cretaceous

NM

Gil

County: Ouray Bachelor Mines T 44 N R 7 w Section: 18 Qtr Sec: S Topo Map: Ouray Primary Product: Silver Permit ID: M1980170 Commodity Type: Metal 2nd Product: 3rd Product: Mine Type: underground Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Bachelor Silver Mines Company Address: P.O. Box 965 Ourav CO 81427-0000 Contact: Carl Telephone: (970) 325-4665 Dismant Formation Name: Ouartz veins Geologic Age: Tertiary-Cretaceous County: Ouray Camp Bird Mine 676 T 43 N R 8 $|\mathbf{w}|$ Section: 22 Qtr Sec: Topo Map: Telluride Primary Product: Gold Permit ID: M1982090 2nd Product: Silver Commodity Type: Metal 3rd Product: Lead Mine Type: underground Estimated Annual Production: None reported in 2002 Comments: Operator: Camp Bird Colorado, Inc. Address: P.O. Box 806 84110-0000 Salt Lake City UT Contact: Butters Scott Telephone: (303) 325-4776 Formation Name: Ouartz veins Geologic Age: Tertiary-Cretaceous County: Ouray Ruby Trust Mine 678 T 43 N R 8 W Section: 16 Qtr Sec: S Topo Map: Telluride Primary Product: Gold Permit ID: M1979181 2nd Product: Commodity Type: Metal 3rd Product: Mine Type: underground Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Walker Mining & Milling 14666 Orange Ave. EXT Address: Fort Pierce FL 34954-0000 Contact: Walker Dave Telephone: (561) 465-7840

Geologic Age: Tertiary Cretaceous

Formation Name: Quartz veins

Operator: Gil Moser

705 Crestview Dr.

Farmington

Formation Name: Ouartz veins

Moser

Address:

County: Park 679 Alma Placer T 9 S R 78 W Section: 12 Qtr Sec: SE Topo Map: Alma Permit ID: M2000063 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 30,000 Comments: Operator: Reclamation Resources, Inc. Address: P.O. Box 848 80442-0000 Fraser CO Dennis Telephone: (970) 726-5388 Contact: Ducommun Formation Name: Glacial drift Geologic Age: Quaternary County: Park Fairplay Site 681 T 10 S R 77 W Section: 3 Topo Map: Fairplay East Otr Sec: NE Primary Product: Sand and gravel Permit ID: M1982086 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: Estimated Annual Production: N/A Comments: Operator: Alpine Rock Company Address: 14802 W. 44th Ave. Golden CO 80403-0000 Telephone: (303) 279-6611 Contact: Gerganoff Greg Formation Name: Alluvium Geologic Age: Quaternary County: Park Katuska Pit S R 77 W T 9 Section: 33 Qtr Sec: N Topo Map: Fairplay West Primary Product: Gravel Permit ID: M1991037 2nd Product: Gold Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 20,000 Comments: Operator: Monarch Stone Company Address: 6260 S. Vivian St. Littleton CO 80127-0000

Telephone: (303) 933-9657

Geologic Age: Ouaternary

County: Park 680 Chaparral Meadows Pit T 12 S R 74 W Section: 18 Qtr Sec: NF. Topo Map: Sulphur Mountain Primary Product: Sand and gravel Permit ID: M1984101 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Hard Rock Paving & Redi-Mix, Inc. Address: P.O. Box 1720 Canon City CO 81215-1720 Contact: Bellantoni Angela Telephone: (719) 275-1280 Formation Name: Gravel Geologic Age: Ouaternary County: Park 682 Gloria Z Mine T 9 S R 77 W Section: 32 Qtr Sec: Topo Map: Fairplay West Primary Product: Sand and gravel Permit ID: M1984094 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 20,000 Comments: Operator: Sanborn Sand and Gravel Address: P.O. Box 362 Fairplay CO 80440-0000 Contact: Steve Telephone: (970) 390-3405 Formation Name: Glacial drift Geologic Age: Quaternary County: Park Snowstorm Placer S R 77 W Section: 30 Qtr Sec: Topo Map: Como Primary Product: Sand and gravel Permit ID: M1983084 2nd Product: Gold Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Snowstorm Sand & Gravel, LLC Address: P.O. Box 388 Fairplay CO 80440-0000 Contact: Harms Jon Telephone: (719) 836-0817

Geologic Age: Ouaternary

Formation Name: Older glacial drift

Kimmick

Formation Name: Gravel

Anthony

County: Park Wright Pit 685 T 8 S R 76 W Section: 14 Otr Sec: SF Topo Map: Milligan Lakes Primary Product: Sand and gravel Permit ID: M1986140 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Comments: Operator: Universal Peat Sand and Gravel P.O. Box 158 Address: Jefferson CO 80456-0000 Contact: Wright Merrill Telephone: (719) 836-2593 Formation Name: Gravel Geologic Age: Ouaternary County: Park Alma Placer Mine S R 78 W Section: 12 Qtr Sec: SE Topo Map: Alma Primary Product: Gold Permit ID: M1985029 2nd Product: Commodity Type: Metal 3rd Product: Mine Type: Surface Estimated Annual Production: 10 Comments: Placer gravel deposit Operator: Reclamation Resources, Inc. Address: C/O Thompson & Zall LLC Fraser CO 80442-0000 Contact: Dennis Telephone: (970) 726-5388 Docommun Formation Name: Glacial drift Geologic Age: Ouaternary County: Phillips Ensminger Pit N R 47 W Section: 31 Qtr Sec: N Topo Map: Haxtun East Primary Product: Sand and gravel Permit ID: M2002068 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Unknown Comments: Operator: Rick Ensminger Address:

3500 Hwy 6 Haxtun CO 80731-0000 Ensminger Rick Telephone: (970) 774-6108 Formation Name: Ogallala-derived gravel Geologic Age: Tertiary

County: Park Topaz Mt. Gem Mine 686 T 11 S R 72 W Section: 12 Qtr Sec: S Topo Map: Tarrvall Primary Product: Gemstones-topaz Permit ID: M2002003 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: 30 pounds Comments: Operator: Georgia Rubeck - Walt Rubeck 2010 Wold Ave. Address: Colorado Spring CO 80909-0000 Contact: Rubeck Walt Telephone: (719) 596-5492 Formation Name: Pikes Peak Granite, pegmatite Geologic Age: Precambrian County: Park Bullger Basin Placer |S | R | 78 | W | Section: 16 Qtr Sec: Topo Map: Alma Primary Product: Gold (placer) Permit ID: M1985022 2nd Product: Commodity Type: Metal 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut in; gold placer mine Operator: Penn Mountain Mining, Inc. Address: 6182 S. 2855 E. UT 84403-0000 Ogden Telephone: (801) 479-3754 Contact: Browning John Formation Name: Glacial drift Geologic Age: Quaternary County: Phillips Holyoke Gun Club Pit N R 44 W T 7 Section: 16 Qtr Sec: N Topo Map: Holyoke Primary Product: Sand and gravel Permit ID: M1977075 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Holyoke Gun Club Address: 20358 CR 45 Holyoke CO 80734-9507 Contact: Hershfeldt Gary Telephone: (970) 854-3641

Geologic Age: Tertiary

Formation Name: Ogallala-derived gravel

County: Phillips Kurtzer Gravel Pit N R 47 W Т 7 Section: 22 Qtr Sec: NE Topo Map: Haxtun SE Permit ID: M1996004 Primary Product: Sand and gravel Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Ken Kurtzer Address: 24463 CR 11 Haxtun CO 80731-0000 Richard Telephone: (970) 774-7122 Contact: Kurtzer Formation Name: Ogallala-derived gravel Geologic Age: Tertiary County: Pitkin 693 Vagneur Site T 19 Section: 16 Qtr Sec: Topo Map: Woody Creek Permit ID: M1980085 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production

Comments:

Operator: Elam Construction, Inc.

Address: 1225 S. 7th St.

Grand Junction CO 81501-0000

Contact: Cates Jason

Telephone: (970) 242-5370

Formation Name: Gravel Geologic Age: Ouaternary

Smuggler Mine

T 10 S R 84 W Section: 7 Qtr Sec: SE Topo Map: Aspen

County: Pitkin

Geologic Age: Tertiary-Cretaceous

Permit ID: M1995097 Primary Product: Silver

2nd Product: Lead Commodity Type: Metal Mine Type: Surface

3rd Product: Zinc

Estimated Annual Production: None reported in 2002 Comments: Under development; also a tourist mine

Operator: Wright & Preusch Mining Ltd Address: 201 N. Mill St., Ste. 106

> CO 81611-0000 Aspen

Contact: Wright Gary Telephone: (970) 925-5625

Formation Name: Quartz veins, replacements in

Leadville Limestone

Sunny Dale Farm Pit

N R 46 T 17 W Section: 14 Qtr Sec: NE Topo Map: Paoli

Primary Product: Gravel Permit ID: M1998059

County: Phillips

County: Pitkin

County: Prowers

2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: 14,300

Comments:

Operator: L & L Ready Mix Address: P.O. Box 218

> Haxtun 80731-0000 CO

Contact: Koellner Laurine Telephone: (970) 774-6114 Formation Name: Ogallala-derived gravel Geologic Age: Tertiary

White Banks Mine

S R 88 Section: 28 Qtr Sec: N Topo Map: Mount Sopris Primary Product: Gypsum Permit ID: M1999042

2nd Product: Commodity Type: Industrial mineral

3rd Product: Mine Type: underground

Estimated Annual Production: None reported in 2002

Comments: In rehabilitation

Operator: Avalanche Creek Marble & Alabaster LLC

Address: 2211 Banbury Rd.

Primary Product: Sand

Inverness CO 60067-0000

Contact: Swint Thomas Telephone: (847) 358-3834

Formation Name: Eagle Valley Evaporite Geologic Age: Middle Pennsylvanian

Dewitt Excavating

T 23 S R 46 W Section: 7 Qtr Sec: Q Topo Map: Lamar East

Permit ID: M1983132 Commodity Type: Aggregate 2nd Product:

3rd Product: Mine Type: Surface

Estimated Annual Production: Not disclosed

Comments:

Operator: Dewitt Excavating Address: 7395 U.S. Hwy. 50 W.

> Lamar CO 81052-0000

Contact: Dewitt Terry Telephone: (719) 336-4455

Formation Name: Alluvium Geologic Age: Quaternary

County: Prowers Hard Scrabble Pit T 22 S R 47 W Section: 28 Qtr Sec: Topo Map: Lamar West Primary Product: Sand Permit ID: M1998046 2nd Product: Gravel Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 100,000 Comments: Operator: Carder, Inc. Address: P.O. Box 721 Lamar CO 81052-0000 Contact: Peterson Ron Telephone: (719) 336-3479 Formation Name: Alluvium Geologic Age: Ouaternary County: Prowers J & S Farms Pit T 22 S R 46 W Section: 29 Qtr Sec: Topo Map: Lamar East Primary Product: Sand and gravel Permit ID: M1996053 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: 100.000 Comments: Operator: Carder, Inc. Address: P.O. Box 721 Lamar CO 81052-0000 Contact: John Telephone: (719) 336-3479 Carder Formation Name: Alluvium Geologic Age: Ouaternary County: Prowers J-Rude Inc T 23 S R 46 W Section: 18 Qtr Sec: N Topo Map: Lamar East Primary Product: Sand Permit ID: M1989009 2nd Product: Clay Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Comments: Operator: J-Rude, Inc. Address: 1750 CR HH CO Lamar 81052-0000 Contact: Torres Rudv Telephone: (719) 336-7361

Geologic Age: Ouaternary

County: Prowers Idler Pit T 22 S R 47 W Section: 34 Qtr Sec: Topo Map: Lamar West Primary Product: Sand and gravel Permit ID: M1984138 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Future mining Operator: Carder, Inc. Address: 400 E. Crystal St. CO 81052-0000 Lamar Contact: Ronald Telephone: (719) 336-3479 Peterson Formation Name: Alluvium Geologic Age: Ouaternary County: Prowers Jim Rogers Pit # 2 701 T 22 S R 46 W Section: 26 Qtr Sec: NE Topo Map: Lamar East Primary Product: Borrow rock Permit ID: M2001041 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Eastern Colorado Aggregates, LLLP Address: P.O. Box 580 CO 81069-0000 Rve Contact: Baxter Joe Telephone: (719) 489-3385 Formation Name: Alluvium Geologic Age: Ouaternary County: Prowers Lamar East Pit T 22 S R 46 W Section: 30 Qtr Sec: S Topo Map: Lamar West Primary Product: Sand and gravel Permit ID: M1977572 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Valco, Inc. Address: P.O. Box 591 CO 81052-0000 Lamar Contact: Adams Wayne Telephone: (719) 336-2223

Geologic Age: Ouaternary

Formation Name: Alluvium

Formation Name: Alluvium

County: Prowers 703 Lamar Pit T 22 S R 46 W Section: 30 Qtr Sec: N Topo Map: Lamar West Primary Product: Sand and gravel Permit ID: M1987079 Commodity Type: Aggregate 2nd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: Minimal Comments: Operator: All Rite Paving & Redi-Mix, Inc. Address: P.O. Box 1720 Canon City CO 81215-0566 Contact: Denise Telephone: (719) 275-1280 Formation Name: Alluvium Geologic Age: Quaternary County: Prowers Midwestern Farms T 23 S R 42 W Section: 18 Qtr Sec: Topo Map: Holly West Primary Product: Sand and gravel Permit ID: M1993059 Commodity Type: Aggregate 2nd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: Not disclosed Comments: Operator: Midwestern Farms Resource Address: P.O. Box 580 CO 81069-0000 Rye Contact: kirkland James Telephone: (719) 489-3385 Formation Name: Alluvium Geologic Age: Quaternary County: Prowers Torres Pit T 22 S R 46 W Section: 18 Qtr Sec: NE Topo Map: May Valley Permit ID: M1983096 Primary Product: Blow sand Commodity Type: Aggregate 2nd Product:

3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Comments: Operator: Torres Construction Address: 28000 S. Hwy. 287 81052-0000 Lamar CO Thomas Telephone: (719) 336-8221 Contact: Torres Formation Name: Alluvium Geologic Age: Quaternary

County: Prowers 704 Lamar West Pit T 22 S R 46 W Section: 31 Qtr Sec: N Topo Map: Lamar West Primary Product: Sand and gravel Permit ID: M1981132 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Valco Lamar Concrete Division Address: P.O. Box 591 Lamar CO 81092-0000 Contact: Gotto III George Telephone: (719) 336-2223 Formation Name: Alluvium Geologic Age: Ouaternary County: Prowers S Bar C Farms Pit T 22 S R 44 Section: 31 Qtr Sec: N Topo Map: Carlton Primary Product: Sand and gravel Permit ID: M1992076 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 100,000 Comments: Operator: Carder, Inc. Address: P.O. Box 721 Lamar CO 81052-0000 Contact: Sheila Nordvlle Telephone: (719) 336-3479 Formation Name: Alluvium Geologic Age: Quaternary County: Prowers Wiley Pit T 22 S R 47 W Section: 19 Qtr Sec: Topo Map: Lamar West Primary Product: Sand and gravel Permit ID: M1977223 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Valco - Lamar Div

Address: P.O. Box 591

Lamar CO 81052-0000

Contact: Adams Wayne Telephone: (719) 336-2223 Geologic Age: Quaternary

Formation Name: Alluvium

Baca Pit County: Pueblo 709 T 21 S R 64 W Section: 28 Qtr Sec: N Topo Map: Southeast Pueblo Primary Product: Sand and gravel Permit ID: M1993060 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Comments: Operator: Tony J. Beltramo & Sons. Inc. Address: 1541 Stockyard Rd. Pueblo CO 81001-0000 Contact: Beltramo Robert Telephone: (719) 543-1324 Formation Name: Gravel Geologic Age: Ouaternary County: Pueblo 711 | Barnhart Pit T 21 S R 64 W Section: 5 Qtr Sec: Topo Map: Northeast Pueblo Primary Product: Sand and gravel Permit ID: M1984008 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: N/A Comments: Operator: Transit Mix of Pueblo, Inc. Address: P.O. Box 857 Pueblo 81002-0000 CO Contact: Mark Telephone: (719) 561-8350 Klune Formation Name: Alluvium Geologic Age: Ouaternary County: Pueblo Beeman Pit #1 T 21 S R 63 W Section: 19 Qtr Sec: NE Topo Map: Vineland Primary Product: Sand and gravel Permit ID: M2002009 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year Comments: Owned by Lafarge Operator: Western Mobile Southern, Inc. Address: 1590 W. 12th Ave.

T 19 S R 64 W Section: 34 Qtr Sec: Topo Map: Southeast Pueblo Primary Product: Sand Permit ID: M1997011 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: 17,000 Comments: Operator: Baculite Mesa LLC 5040 Acoma Address: Denver CO 80216-2010 Fred Telephone: (303) 295-1216 Contact: Orr Formation Name: Alluvium Geologic Age: Ouaternary County: Pueblo 712 Bedrock Mine #1 T 21 S R 68 W Section: 36 Qtr Sec: S Topo Map: Owl Canyon Primary Product: Sandstone Permit ID: M1997086 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 7.000 Comments: Operator: Siloam Stone, Inc. Address: 1360 Rudd Ave. Canon City CO 81212-0000 Contact: Ferd Telephone: (719) 275-4275 Mueller Formation Name: Dakota Sandstone Geologic Age: Cretaceous County: Pueblo Boone-Martin Pit 714 T 21 S R 61 W Section: 24 Qtr Sec: Topo Map: Nepesta Primary Product: Sand and gravel Permit ID: M1985206 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year Comments: Owned by Lafarge Operator: Western Mobile Southern, Inc. Address: 1590 W. 12th Ave. Denver CO 80204-0000 Contact: Reckentine Eric Telephone: (303) 657-4331 Formation Name: Alluvium Geologic Age: Ouaternary

710

Baculite Mesa Pit

County: Pueblo

Contact:

Denver

Formation Name: Gravel

Reckentine

CO

Eric

80204-0000

Telephone: (303) 657-4330

Geologic Age: Ouaternary

County: Pueblo 715 Cesar Pit T 21 S R 64 W Section: 21 Qtr Sec: N Topo Map: Southeast Pueblo Permit ID: M1998101 Primary Product: Sand and gravel Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: 50,000 Comments: Operator: Tony J. Beltramo & Sons, Inc. Address: 1541 Stockvard Rd. Pueblo CO 81001-0000 Robert Telephone: (719) 544-4744 Contact: Beltramo Formation Name: Gravel Geologic Age: Quaternary County: Pueblo Evans Pit #2 717 T 20 S R 63 w Section: 35 Qtr Sec: Topo Map: Devine Primary Product: Sand and gravel Permit ID: M2000041 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year Comments: Owned by Lafarge Operator: Western Mobile Southern, Inc. Address: 1590 W. 12th Ave. CO 80204-0000 Denver Telephone: (303) 657-4000 Contact: Tuttle Gary Formation Name: Alluvium Geologic Age: Ouaternary

County: Pueblo Hartman Pit

T 21 S R 63 W Section: 20 Qtr Sec: Topo Map: Vineland Primary Product: Gravel Permit ID: M1997087 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product:

Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year

Comments: Owned by Lafarge

Operator: Western Mobile Southern, Inc.

Address: 1590 W. 12th Ave.

Denver CO

80204-0000

Contact: Reckentine Eric Telephone: (303) 657-4330

Formation Name: Gravel Geologic Age: Ouaternary 716 Courtner Pit

Section: 24 Qtr Sec: NE Topo Map: Vineland

Primary Product: Sand and gravel Permit ID: M1986159

2nd Product:

T 21 S R 64 W

Commodity Type: Aggregate

County: Pueblo

County: Pueblo

County: Pueblo

3rd Product: Mine Type: Surface

Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year

Comments: Owned by Lafarge Operator: Lafarge West, Inc. Address: 1590 W. 12th Ave.

> CO 80204-0000 Denver

Eric Contact: Reckentine Telephone: (303) 657-4330

Formation Name: Alluvium Geologic Age: Ouaternary

718 Fillmore Pit

T 21 S R 61 W Section: 24 Qtr Sec: SE Topo Map: Nepesta Primary Product: Sand and gravel Permit ID: M1990144

2nd Product: Commodity Type: Aggregate 3rd Product:

Mine Type: Surface

Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year

Comments: Owned by Lafarge

Operator: Western Mobile Southern, Inc.

Address: 1590 W. 12th Ave.

80204-0000 Denver CO

Contact: Reckentine Eric Telephone: (303) 657-4330

Formation Name: Alluvium Geologic Age: Quaternary

Murillo Gravel Pit

T 21 S R 62 W Section: 10 Qtr Sec: N Topo Map: Avondale Primary Product: Sand and gravel Permit ID: M1976060

Commodity Type: Aggregate 2nd Product:

3rd Product: Mine Type: Surface

Estimated Annual Production: None reported in 2002

Comments: Shut-in Operator: Charles Murillo Address: 1361 Murillo Ln.

> Boone CO 81025-0000

Contact: Murillo Charles Telephone: (719) 947-3002

Formation Name: Alluvium Geologic Age: Quaternary

Peek Pit County: Pueblo 721 T 21 S R 64 W Section: 22 Qtr Sec: NE Topo Map: Southeast Pueblo Primary Product: Sand and gravel Permit ID: M1995028 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Mesa Sand Gravel & Trucking Address: 25302 St. Charles Rd. Pueblo CO 81006-0000 Contact: Peek Carolyn Telephone: (719) 543-3229 Formation Name: Gravel Geologic Age: Ouaternary Pinon Pit County: Pueblo T 18 S R 64 W Section: 7 Qtr Sec: SE Topo Map: Pinon Primary Product: Sand and gravel Permit ID: M1980202 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Carolyn R Peek Address: 25302 St. Charles Rd. Pueblo CO 81006-0000 Contact: Peek Carolyn Telephone: (719) 543-3229 Formation Name: Alluvium Geologic Age: Ouaternary County: Pueblo Pueblo East Pit |T |20 |S ||R |64 |W| Topo Map: Northeast Pueblo Section: 34 Qtr Sec: NE Primary Product: Sand and gravel Permit ID: M1986015 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 1,250,000 **Comments:** A portion of this production is shared with the Barnhart Pit. Operator: Transit Mix of Pueblo, Inc. Address: 5475 Hwy. 96 W. Pueblo CO 81002-0000 Contact: Klune Mark Telephone: (719) 561-8350

Geologic Age: Ouaternary

Pinon Mine County: Pueblo T 21 S R 68 W Section: 36 Qtr Sec: S Topo Map: Owl Canvon Primary Product: Sandstone Permit ID: M1997094 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Comments: Operator: Siloam Stone Address: 1360 Rudd Ave. Canon City CO 81212-0000 Contact: Mueller Ferd Telephone: (719) 275-4275 Formation Name: Dakota Sandstone Geologic Age: Cretaceous County: Pueblo Pope Pit No 2 724 T 24 S R 68 W Section: 8 Qtr Sec: S Topo Map: San Isabel Permit ID: M1986101 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 13,000 Comments: Operator: Pope Pit #2 Address: 1947 Siloam Rd. S. Pueblo CO 81005-0000 Walter Contact: Pope Telephone: (719) 784-3282 Formation Name: Alluvium Geologic Age: Quaternary County: Pueblo RBK Pit No. 30 T 20 S R 64 Topo Map: Devine Section: 36 Qtr Sec: SE Primary Product: Gravel Permit ID: M1990106 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Comments: Operator: RBK Construction, Inc. Address: P.O. Box 376 Rye CO 81069-0000 Contact: Neumeister Ronda Telephone: (719) 489-3385

Geologic Age: Quaternary

Formation Name: Alluvium

Formation Name: Alluvium

County: Pueblo Rich Pit T 21 S R 63 W Section: 2 Qtr Sec: N Topo Map: Devine Permit ID: M1985218 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year Comments: Owned by Lafarge Operator: Western Mobile Southern, Inc. Address: 1590 W. 12th Ave. 80204-0000 Denver CO Eric Telephone: (303) 657-4330 Contact: Reckentine Formation Name: Alluvium Geologic Age: Quaternary County: Pueblo Stealev Mine #2 T 21 S R 63 Section: 12 Qtr Sec: NE Topo Map: Vineland Primary Product: Sand and gravel Permit ID: M2000070 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 60,000 Comments: Operator: Alpine Aggregate, Inc. Address: 1190 43rd Ln. 81006-0000 Pueblo CO Rockford Contact: Telephone: (719) 545-1500 Ryan Formation Name: Alluvium Geologic Age: Ouaternary County: Pueblo 731 Tekavich Pit Section: 24 Qtr Sec: NE |T |21 |S ||R |64 |W| Topo Map: Southeast Pueblo Primary Product: Sand and gravel Permit ID: M1995011 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: 20,000 Comments: Operator: Tony J. Beltramo & Sons, Inc. Address: 1541 Stockyard Rd Pueblo CO 81001-0000 Contact: Beltramo Robert Telephone: (719) 544-4744

Geologic Age: Ouaternary

County: Pueblo Stealey Mine # 1 728 T 21 S R 63 W Section: 1 Qtr Sec: S Topo Map: Vineland Primary Product: Sand and gravel Permit ID: M1999100 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 60.000 Comments: Operator: Alpine Aggregate, Inc. Address: 1190 43rd Ln. Pueblo CO 81006-0000 Contact: Rvan Rocky Telephone: (719) 545-1500 Formation Name: Alluvium Geologic Age: Quaternary County: Pueblo 730 Stockvard Pit T 20 S R 64 Section: 32 Qtr Sec: SE Topo Map: Northeast Pueblo Primary Product: Sand and gravel Permit ID: M2000005 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 10,000 Comments: Operator: Tony J. Beltramo & Sons, Inc. Address: 1541 Stockyard Rd. Pueblo CO 81001-0000 Contact: Telephone: (719) 544-4744 Beltramo Bob Formation Name: Alluvium Geologic Age: Quaternary County: Pueblo 732 Triple C Mine #1 T 24 S R 67 W Section: 1 Qtr Sec: SE Topo Map: Colorado City Primary Product: Sand and gravel Permit ID: M1997079 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: 20,000 Comments: Operator: Colorado Crushing Corporation Address: 7707 3R Rd. S. Beulah CO 81203-0000 Telephone: (719) 485-3497 Contact: Ryan Rockford Formation Name: Alluvium Geologic Age: Quaternary

Formation Name: Gravel

County: Pueblo 733 Two Rivers T 21 S R 61 W Section: 8 Qtr Sec: Topo Map: Nepesta Primary Product: Gravel Permit ID: M1998038 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Comments: Operator: Kirkland Construction, RLLP Address: 2101 Main St. Rye CO 81069-0000 Contact: Joe Telephone: (719) 489-3385 Baxter Formation Name: Alluvium Geologic Age: Ouaternary County: Pueblo Edmundson Clay Mine |T |25 |S |R |65 |W| Section: 1 Qtr Sec: S Topo Map: Cedarwood Primary Product: Clay Permit ID: M1985203 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Comments: Operator: Summit Brick & Tile Co. Address: P.O. Box 533 Pueblo 81002-0533 CO Contact: Welte Joseph Telephone: (719) 542-8278 Formation Name: Dakota Geologic Age: Cretaceous County: Pueblo Native/Pierre Mine T 20 S R 64 Section: 30 Qtr Sec: NE Topo Map: Northeast Pueblo Primary Product: Clav Permit ID: M1977321 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Comments: Operator: Summit Brick & Tile Co. Address: P.O. Box 533 81002-0533 Pueblo CO Contact: Welte Joseph Telephone: (719) 542-8278

Geologic Age: Cretaceous

County: Pueblo Cedarwood Clay Mine 734 T 24 S R 66 W Section: 34 Qtr Sec: Topo Map: Colorado City Primary Product: Clay Permit ID: M1977317 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Comments: Operator: Summit Brick and Tile Co. Address: P.O. Box 533 CO 81002-0533 Pueblo Contact: Welte Joseph Telephone: (719) 542-8278 Formation Name: Dakota Geologic Age: Cretaceous County: Pueblo Fox No. 1 Clay Pit 736 T 22 S R 67 W Section: 30 Qtr Sec: SE Topo Map: Beulah Primary Product: Clay Permit ID: M1977219 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Comments: Operator: Summit Brick & Tile Co. Address: P.O. Box 533 Pueblo CO 81002-0533 Contact: Welte Telephone: (719) 542-8278 Joseph Formation Name: Dakota Group Geologic Age: Cretaceous County: Pueblo Red Rock Plant & Limestone Mine T 22 S R 64 W Section: 13 Qtr Sec: Topo Map: SE Pueblo Primary Product: Limestone Permit ID: M2002004 2nd Product: Commodity Type: Industrial mineral Mine Type: Surface 3rd Product: Estimated Annual Production: None reported in 2002 Comments: Mining projected to start in 2005; not yet constructed Operator: GCC Rio Grande Inc Address: 11783 State Hwy 337 NM 87059-0000 Tijeras Contact: McGill Brian Telephone: (505) 286-6026

Formation Name: Ft. Hays Member, Niobrara Fm Geologic Age: Cretaceous

Formation Name: Lower Pierre Shale

County: Pueblo Siloam Mine 739 T 21 S R 68 W Section: 36 Qtr Sec: Topo Map: Owl Canyon Primary Product: Clay Permit ID: M1977326 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Comments: Operator: Robinson Brick Company 1845 W. Dartmouth Ave. Address: CO 80110-0000 Englewood Telephone: (303) 783-3047 Contact: Leidich Michael Formation Name: Dakota Geologic Age: Cretaceous County: Pueblo Tomahawk Mine T 18 S R 67 W Section: 36 Qtr Sec: Topo Map: Stone City Primary Product: Clay Permit ID: M1991003 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Comments: Operator: Robinson Brick Company Address: 1845 W. Dartmouth Ave. Denver CO 80110-1308 Contact: Michael Leidich Telephone: (303) 783-3047 Formation Name: Dakota Geologic Age: Cretaceous County: Rie Blance 743 | Berry Pit N R 94 W Section: 24 Qtr Sec: Topo Map: Meeker Primary Product: Sand and gravel Permit ID: M1977132 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Oldcastle SW Group, Inc. dba United Companies of Mesa County Address: P.O. Box 3609 Grand Junction CO 81502-0000 Contact: Johnson Richard Telephone: (970) 243-4900

Geologic Age: Ouaternary

County: Pueblo Stone City Mine T 18 S R 67 W Section: 36 Qtr Sec: Q Topo Map: Stone City Primary Product: Plastic clay Permit ID: M1990143 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: 150 Comments: Overlies Stone City flint deposit Operator: DFC Ceramics, Inc. Address: 515 S. 9th St. Canon City CO 81212-0000 Contact: Hitt Bruce Telephone: (719) 275-7525 Formation Name: Dakota Geologic Age: Cretaceous County: Rio Blanco 742 Amick Pit N R 94 W Section: 36 Qtr Sec: SE Topo Map: Meeker Primary Product: Sand and gravel Permit ID: M1979103 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: N/A Comments: Operator: Diana K. Stout Address: P.O. Box 1056 Meeker CO 81641-0000 Contact: Stout Diana Telephone: (970) 878-5371 Formation Name: Alluvium Geologic Age: Ouaternary 744 Blair Mesa Pit County: Rio Blanco N R 98 W Section: 2 Qtr Sec: N Topo Map: Smizer Gulch Primary Product: Sand and gravel Permit ID: M1996082 Commodity Type: Aggregate 2nd Product: Borrow rock 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: New mine Operator: Lafarge West, Inc. Address: P.O. Box 2187 Ft. Collins CO 80522-0000 Contact: Goettemoeller Julie Telephone: (970) 407-3669 Formation Name: Alluvium Geologic Age: Ouaternary

Formation Name: Alluvium

BLM Pit S of Rangely

County: Rio Blanco Section: 33 Qtr Sec: S

S R 10 W Primary Product: Sand and gravel Topo Map: Sagebrush Hill Permit ID: M1982135

Commodity Type: Aggregate 2nd Product:

3rd Product: Mine Type: Surface

Estimated Annual Production: None reported in 2002

Comments: Shut-in

Operator: PHD Contractors, Inc.

Address: 2 Oakwood Park Prof. Ctr., Ste. 100

Castle Rock CO 80104-0000

Contact: Hoyt Carol Telephone: (303) 814-9230

Formation Name: Alluvium Geologic Age: Ouaternary

Collins Gulch Pit

County: Rio Blanco

S R 96 W Primary Product: Gravel

Section: 8 Qtr Sec: NE Topo Map: Jessup Gulch Permit ID: M2001095

2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: Intermittent production

Comments:

Operator: SEM Construction Company, Inc.

Address: 715 Horizon Dr., Ste. 219

Grand Junction CO 81506-0000

Contact: Muhr Stan Telephone: (970) 245-9426 Formation Name: Alluvium Geologic Age: Holocen

East Douglas Pit

County: Rio Blanco

|S | R | 101 | W | Section: 35 Qtr Sec: SE Primary Product: Sand and gravel

Topo Map: White Coyote Draw Permit ID: M1987103

2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: N/A

Comments:

Operator: Ace West Trucking, Inc.

Address: P.O. Box 250

81648-0000 Rangely CO

Telephone: (970) 675-2753 Contact: Rooks, Jr. Donald

Formation Name: Sandstone Geologic Age: Cretaceous

Bricklin Pit 746 N R 91 W

Section: 8 Qtr Sec: SE

Topo Map: Fawn Creek

County: Rio Blanco

Primary Product: Sand and gravel

Permit ID: M1987071

Commodity Type: Aggregate 2nd Product:

3rd Product: Mine Type: Surface

Estimated Annual Production: Intermittent production

Comments:

Operator: Westlands Ranch Address: 22110 CR 8

> CO 81641-0000 Meeker

Telephone: (970) 878-3714 Contact: Cobb Steve Formation Name: Alluvium

Geologic Age: Holcene

748 Cox Pit

N R 100 W Section: 3 Qtr Sec: Primary Product: Sand and gravel

Topo Map: Divide Creek

County: Rio Blanco

County: Rio Blanco

Permit ID: M1998029 2nd Product: Commodity Type: Aggregate

Mine Type: Surface 3rd Product:

Estimated Annual Production: Intermittent production

Comments:

Operator: Wade Cox

Address: 32100 E. Hwv. 64

Rangely CO 81648-0000

Contact: Cox Wade Telephone: (970) 675-3058

Formation Name: Alluvium Geologic Age: Ouaternary

K-Bar-T Pit

N R 93 W Section: 27 Qtr Sec:

Topo Map: Rattlesnake Mesa Permit ID: M1978221

Primary Product: Sand and gravel 2nd Product:

Commodity Type: Aggregate

Mine Type: Surface 3rd Product:

Estimated Annual Production: None reported in 2002

Comments: Shut-in

Operator: D Aun Mangus and LaTonne Mangus

Address: 4160 CR 8

Meeker CO

81641-0000

Contact: Mangus D Aun

Formation Name: Alluvium

Telephone: (970) 878-0737

Geologic Age: Quaternary

County: Rio Blanco 751 Meeker Pit N R 94 W T 1 Section: 36 Qtr Sec: S Topo Map: Meeker Primary Product: Sand and gravel Permit ID: M1976038 Commodity Type: Aggregate 2nd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: 65,000 Comments: Operator: Meeker Sand and Gravel, Inc Address: P. O. Box 1550 Meeker CO 81641-0000 Contact: Conrado Joe Telephone: (970) 878-3671 Formation Name: Alluvium Geologic Age: Ouaternary County: Rio Blanco 753 Piceance Pit N R 97 Section: 2 Qtr Sec: N Topo Map: Barcus Creek SE Primary Product: Sand and gravel Permit ID: M2001077 Commodity Type: Aggregate 2nd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Oldcastle SW Group, Inc. dba United Companies of Mesa County Address: P.O. Box 3609 Grand Junction CO 81502-0000 Telephone: (970) 243-4900 Contact: Johnson Richard Formation Name: Alluvium Geologic Age: Ouaternary W J Oilfield Pit County: Rio Blanco N R 102 W Section: 5 Qtr Sec: N Topo Map: Rangley Primary Product: Gravel Permit ID: M1992065 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product:

Estimated Annual Production: N/A

Comments:

Operator: Ace West Trucking, Inc.

Address: P.O. Box 250

Rangely CO 81648-0000

Contact: Rooks, Jr. Donald Telephone: (970) 675-2753

Formation Name: Alluvium Geologic Age: Quaternary

752 North River Gravel Pit Extension

T | N | R | 102 | W | Section: 5 Qtr Sec: SE Topo Map: Rangley

Primary Product: Gravel Permit ID: M1999

County: Rio Blanco

County: Rio Blanco

County: Rio Blanco

Primary Product: Gravel Permit ID: M1999007
2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: N/A

Comments:

Operator: Ace West Trucking, Inc.

Address: P.O. Box 250

Rangely CO 81648-0000

Contact: Rooks, Jr. Donald Telephone: (970) 675-2753

Formation Name: Alluvium Geologic Age: Quaternary

Rooks Gravel Pit

1 N R 102 W Section: 10 Qtr Sec: SE Topo Map: Rangley

Primary Product: Sand and gravel Permit ID: M1999097

2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: 24,000

Comments:

Operator: Ace West Trucking, Inc.

Address: P.O. Box 250

Rangely CO 81648-0000

Contact: Rooks, Jr. Donald Telephone: (970) 675-2753

Formation Name: Sandstone Geologic Age: Cretaceous

756 White River S & G Pit

N R 94 W Section: 24 Qtr Sec: N Topo Map: Meeker

Primary Product: Gravel Permit ID: M1991009
2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: Intermittent production

Comments:

Operator: White River Aggregates, Inc.

Address: 1107 E. Victory Wy.

Craig CO 81625-0000

Contact: Paulson Jack Telephone: (970) 824-3187

Formation Name: Alluvium Geologic Age: Quaternary

County: Rio Blanco 757 Deserado Mine N R 101 W Section: 3 Qtr Sec: N Topo Map: White Coyote Draw Primary Product: Coal Permit ID: C1981018 2nd Product: Commodity Type: Coal 3rd Product: Mine Type: underground Estimated Annual Production: 2,300,000 Comments: Operator: Blue Mountain Energy, Inc. Address: 10714 South Jordon Gateway, Suite 300 South Jordon UT 84095-0000 Contact: Mitten Lvnn Telephone: (801) 619-6500 Formation Name: Williams Fork Fm Geologic Age: Cretaceous Flag Creek Mine County: Rio Blanco |S | R | 94 | W | Section: 13 Qtr Sec: Topo Map: Lo 7 Hill Primary Product: Sandstone, dimension Stone Permit ID: M1997098 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Comments: Operator: P C Management, Inc. Address: P.O. Box 55245 Grand Junction CO 81501-0000 Contact: Tim Telephone: (970) 878-4657 Robertson Formation Name: Weber Sandstone Geologic Age: Permian-Pennsylvanian 761 || Nahcolite Project County: Rio Blanco S R 98 W Section: 27 Qtr Sec: NE Topo Map: Square S Ranch Primary Product: Sodium bicarbonate Permit ID: M1983194 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: In-situ Estimated Annual Production: 86.496 Comments: Operator: White River Nahcolite Minerals

Address: 3200 CR 31 Rifle 81650-0000 CO Contact: Baker Ed Telephone: (970) 878-3674 Formation Name: Green River Fm Geologic Age: Tertiary Page 127 of 214

C-B Oil Shale County: Rio Blanco 758 T 3 S R 97 W Section: 1 Qtr Sec: Topo Map: Rock School Primary Product: Oil shale Permit ID: M1977530 Commodity Type: Energy mineral 2nd Product: 3rd Product: Mine Type: underground Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Cathedral Bluffs Shale Oil Co. c/o Glenn Springs Holdings, Inc. Address: KY 40509-0000 Lexington Franklin Telephone: (859) 543-2100 Contact: Miller Formation Name: Green River Fm Geologic Age: Tertiary County: Rio Blanco Monument Rock Quarry S R 93 W Section: 27 Qtr Sec: NE Topo Map: Veatch Gulch Permit ID: M2000091 Primary Product: Sandstone-flagstone 2nd Product: Commodity Type: Industrial mineral Mine Type: Surface 3rd Product: Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Monument Rock LLC Address: P O Box 780149 Witchita 67278-0000 KS Contact: Wheeler Steve Telephone: (316) 262-1414 Formation Name: Morrison Fm. Geologic Age: Jurassic-Triassic County: Rio Blanco Rock School Lease Experimental Nahc S R 98 W Section: 20 Qtr Sec: Topo Map: Wolf Ridge Primary Product: Nahcolite Permit ID: M1999051 2nd Product: Commodity Type: Industrial mineral Mine Type: In-situ 3rd Product: Estimated Annual Production: None reported in 2002 Comments: New mine Operator: Natural Soda, Inc.

Address: P.O. Box 1330 Rifle CO 81650-0000 Contact: Day Roger Telephone: (970) 625-9134 Formation Name: Green River Fm Geologic Age: Tertiary

County: Rio Blanco Yankee Gulch Minerals Project T 1 S R 97 W Section: 15 Qtr Sec: Topo Map: Square S Ranch Permit ID: M1999002 Primary Product: Soda ash 2nd Product: Sodium bicarbonate Commodity Type: Industrial mineral Mine Type: In-situ 3rd Product: Estimated Annual Production: Soda Ash-400,000 Sodium Bicarbonate 75,000 Comments: Operator: American Soda, L.L.P. Address: 2717 CR 215 CO 81635-0000 Parachute Nielsen Kurt Telephone: (970) 285-6500 Contact: Geologic Age: Tertiary Formation Name: Green River Fm County: Rio Grande Del Norte Pit T 40 N R 6 Topo Map: Del Norte Section: 21 Qtr Sec: SE Primary Product: Sand and gravel Permit ID: M1984026 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: Estimated Annual Production: 15,000 Comments: Operator: Southway Construction Company, Inc. Address: 117 White Pine Dr. 81101-0000 Alamosa CO Contact: Rock Telephone: (719) 589-5103 Southway Geologic Age: Quaternary Formation Name: Alluvium McEwen Pit County: Rio Grande 767 T 40 N R 6 E Section: 17 Qtr Sec: S Topo Map: Del Norte Primary Product: Sand and gravel Permit ID: M2000064 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production

Comments: Operator: SLV Earth Movers, Inc. Address: 1410 S. Rd 2E Monte Vista CO 81144-0000 Jim Telephone: (719) 852-2760 Contact: Willschau Formation Name: Alluvium Geologic Age: Ouaternary

County: Rio Grande 764 Burton Pit T 40 N R 6 Ε Section: 19 Qtr Sec: S Topo Map: Del Norte Primary Product: Sand and gravel Permit ID: M1987013 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 2.000 Comments: Operator: Southway Construction Company, Inc. Address: 117 White Pine Dr. Alamosa CO 81101-0000 Contact: DeGolyer Kris Telephone: (719) 589-5103 Formation Name: Alluvium Geologic Age: Quaternary County: Rio Grande Del Norte West Valley Pit T 40 N R 6 E Section: 21 Qtr Sec: Topo Map: Del Norte Permit ID: M2001069 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 5.000 Comments: Operator: Asphalt Constructors, Inc. Address: 7040 W. Hwy. 160 81101-0000 Alamosa CO Telephone: (719) 589-6671 Contact: Stockebrand Todd Formation Name: Alluvium Geologic Age: Ouaternary County: Rio Grande N Farm Rd Pit No 1 768 T 39 N R 8 E Section: 20 Qtr Sec: S Topo Map: Monte Vista Primary Product: Sand and gravel Permit ID: M1977140 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 26.000 Comments: Operator: Mathias Concrete, Inc. Address: 1500 N. Farn Rd. CO 81144-0000 Monte Vista Mathias Thomas Telephone: (719) 852-3732 Contact:

Geologic Age: Quaternary-Tertiary

Formation Name: Surficial deposits

County: Rio Grande North Farm Road Gravel Pit 770 O'Bannon Pit T 39 N R 8 E T 40 N R 4 Section: 20 Qtr Sec: Topo Map: Monte Vista Primary Product: Sand and gravel Primary Product: Sand and gravel Permit ID: M2000110 Commodity Type: Aggregate 2nd Product: 2nd Product: 3rd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: None reported in 2002 Estimated Annual Production: 32,500 Comments: Comments: Shut-in Operator: Mathias Concrete, Inc. Operator: Mario Bassi and Josephine Bassi Address: 1500 N. Farm Rd. Address: 2000 N. Farm Rd. Monte Vista Monte Vista CO 81144-0000 Contact: Contact: Bassi Mario Telephone: (719) 852-3225 Mathias Formation Name: Alluvium Formation Name: Surficial deposits Geologic Age: Quaternary-Tertiary County: Routt 771 Bear River S & G Bettger Gravel Pit T 6 N R 86 W Section: 14 Qtr Sec: SE Topo Map: Cow Creek Primary Product: Sand and gravel Permit ID: M1986040 2nd Product: 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: 3,500 Comments: Comments: Operator: Bear River Sand & Gravel Address: P.O. Box 616 Oak Creek 80467-0000 CO Contact: Crawford Lester Telephone: (970) 736-2310 Contact: Formation Name: Alluvium Geologic Age: Quaternary County: Routt Camilletti Milner Pit #2 774 N R 86 W N |R 88 Section: 15 Qtr Sec: SE Topo Map: Milner Primary Product: Sand and gravel Permit ID: M2001023 2nd Product: 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: 3rd Product: Estimated Annual Production: 40,000 Comments: Comments: Operator: Precision Excavating, Inc.

N R 85 W Section: 4 Qtr Sec: Topo Map: Mad Creek Primary Product: Sand and gravel Permit ID: M1976051 Commodity Type: Aggregate Mine Type: Surface Estimated Annual Production: N/A Operator: Duckels Construction, Inc. Address: 3500 Duckels Ct. Steamboat Sprin CO 80487-0000 Telephone: (970) 879-6072 Dibble Linda Formation Name: Alluvium Geologic Age: Ouaternary County: Routt Camilletti Pit W Section: 11 Qtr Sec: NE Topo Map: Mount Harris Primary Product: Sand and gravel Permit ID: M1987164 Commodity Type: Aggregate Mine Type: Surface Estimated Annual Production: 40,000 Operator: Connell Resources, Inc. Address: P.O. Box 790 Address: P.O. Box 882590 81639-0000 80488-0000 Hayden CO Steamboat Sprin CO Tony Contact: Zehner David **Telephone:** (970) 276-3359 Contact: Connell Telephone: (970) 870-0200 Formation Name: Alluvium Geologic Age: Ouaternary Formation Name: Alluvium Geologic Age: Ouaternary

Ε

Section: 27 Qtr Sec: NE

CO 81144-0000

Thomas

County: Rio Grande

Topo Map: South Fork East

Permit ID: M1980201

Commodity Type: Aggregate

Mine Type: Surface

Telephone: (719) 852-3732

Geologic Age: Quaternary

County: Routt

County: Routt Fetcher Ranch Pit T 9 N R 85 W Section: 28 Qtr Sec: S Topo Map: Clark Permit ID: M1983134 Primary Product: Sand and gravel Commodity Type: Aggregate 2nd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: 60,000 Comments: Operator: Fetcher Ranch Address: Box 866 Clark CO 80428-0000 Telephone: (970) 879-3713 Contact: Fetcher Jay Formation Name: Alluvium Geologic Age: Quaternary County: Routt Hewes Pit T 1 N R 84 W Topo Map: Toponas Section: 14 Qtr Sec: SE Primary Product: Sand and gravel Permit ID: M1978314 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: 20,000 Comments: Operator: Frank W Hewes Address: C/O Hewes & Hewes, Inc. Toponas CO 80479-0000 Contact: Nathan Telephone: (970) 638-4644 Hewes Formation Name: Alluvium Geologic Age: Ouaternary County: Routt Kagie Gravel Pit T 4 N R 87 W Section: 29 Qtr Sec: S Topo Map: Dunckley Primary Product: Sand and gravel Permit ID: M1979102 Commodity Type: Aggregate 2nd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: 27,500 Comments: Operator: Cross Mountain Ranch Ltd. Partnership Address: P.O. Box 1029

CO 81639-0000

Telephone: (970) 276-3718

Geologic Age: Quaternary

Aleah

County: Routt 776 Gardner Gravel Pit N R 85 W T 4 Section: 35 Qtr Sec: SE Topo Map: Oak Creek Primary Product: Sand and gravel Permit ID: M1979034 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: 20 000 Comments: Operator: General Operating Company Address: P.O. Box 223 CO 80483-0000 Yampa Contact: Redmond Doug Telephone: (970) 736-1137 Formation Name: Alluvium Geologic Age: Ouaternary County: Routt Hogue/River Pit N R 85 Section: 4 Topo Map: Mad Creek Qtr Sec: SE Primary Product: Gravel Permit ID: M1992066 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: N/A Comments: Operator: Duckels Construction, Inc. Address: 3500 Duckels Ct. Steamboat Sprin CO 80487-0000 Contact: Dibble Linda Telephone: (970) 879-6072 Formation Name: Alluvium Geologic Age: Ouaternary County: Routt McCov Aggregates S R 83 W Section: 16 Qtr Sec: S Topo Map: McCov Primary Product: Basalt Permit ID: M1981088 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year Comments: Owned by Lafarge Operator: Western Mobile Northern, Inc. Address: 1590 W. 12th Ave. Denver CO 80204-0000 Telephone: (303) 657-4123 Contact: Tuttle Gary

Geologic Age: Ouaternary

Formation Name: Basalt

Contact:

Hayden

Formation Name: Alluvium

Hockin

Mesa Gravel Pit County: Routt T 6 N R 87 W Section: 18 Qtr Sec: SE Topo Map: Mount Harris Primary Product: Sand and gravel Permit ID: M1982036 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 20,000 Comments: Operator: Seneca Coal Company Address: P.O. Box 670 Havden CO 81639-0670 Contact: Altavilla Michael Telephone: (970) 276-5106 Formation Name: Alluvium Geologic Age: Ouaternary County: Routt Steamboat South Pit N R 84 W Section: 17 Qtr Sec: SE Topo Map: Steamboat Springs Primary Product: Sand and gravel Permit ID: M1981105 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year Comments: Owned by Lafarge Operator: Western Mobile Northern, Inc. Address: 1590 W. 12th Ave. Denver CO 80204-0000 Gary Contact: Tuttle Telephone: (303) 657-4330 Formation Name: Gravel Geologic Age: Ouaternary County: Routt 785 | Temple Gravel Pit N | R | 88 Topo Map: Hayden Section: 7 Qtr Sec: SE Primary Product: Sand and gravel Permit ID: M1994088 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Comments: Operator: Temple Construction, Inc. Address: P.O. Box 1808

Havden CO 81639-0000

Contact: Telephone: (970) 276-4185 Temple Jean

Formation Name: Alluvium Geologic Age: Ouaternary Murphy Pit

N R 89

Section: 10 Qtr Sec: NF Topo Map: Hayden

W Primary Product: Sand and gravel

Permit ID: M2000086

County: Routt

2nd Product:

Commodity Type: Aggregate

Geologic Age: Ouaternary

County: Routt

County: Routt

Mine Type: Surface 3rd Product:

Estimated Annual Production: None reported in 2002

Comments: New mine

Operator: Ed Hockin Trucking, Inc.

Address: P.O. Box 1029

Hayden

CO 81639-0000

Telephone: (970) 276-3718 Contact: Hockin Edward

Formation Name: Alluvium

N R 85

Tellier Gravel Pit 784

> w Section: 17 Qtr Sec: NE Topo Map: Cow Creek

Primary Product: Sand and gravel Permit ID: M1998058 2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: 72,000

Comments:

T 6

Operator: Connell Resources, Inc. Address: P.O. Box 882984

> Steamboat Sprin CO 80488-0000

Contact: Telephone: (970) 870-0200 Morrissev Art

Formation Name: Alluvium Geologic Age: Ouaternary

Thompson Titty Peak

N R 86 W Section: 12 Qtr Sec: S Topo Map: Cow Creek Permit ID: M1977125

Primary Product: Sand and gravel

Commodity Type: Aggregate 2nd Product:

3rd Product: Mine Type: Surface

Estimated Annual Production: 130,000

Comments:

Operator: Connell Resources, Inc. Address: P.O. Box 882590

> Steamboat Sprin CO 80488-0000

Contact: Telephone: (970) 870-0200 Morrissev Art

Formation Name: Alluvium Geologic Age: Ouaternary

County: Routt 787 Vale Pit T 9 N R 85 W Section: 28 Qtr Sec: S Topo Map: Clark Permit ID: M1988009 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: N/A Comments: Operator: Elam Construction, Inc. Address: 1225 S. 7th St. Grand Junction CO 81501-0000 Cates Jason Telephone: (970) 242-5370 Contact: Formation Name: Alluvium Geologic Age: Quaternary County: Routt Yampa Pit N R 84 W Section: 5 Otr Sec: Topo Map: Steamboat Springs Primary Product: Sand and gravel Permit ID: M1977031 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year Comments: Owned by Lafarge Operator: Western Mobile Northern, Inc. Address: 1590 W. 12th Ave. Denver CO 80204-0000 Gary Contact: Tuttle Telephone: (303) 657-4331 Formation Name: Gravel Geologic Age: Quaternary County: Routt Seneca II-W Mine N R 88 W T |5 Section: 14 Qtr Sec: S Topo Map: Dunckley Permit ID: C1982057 Primary Product: Coal 2nd Product: Commodity Type: Coal 3rd Product: Mine Type: Surface Estimated Annual Production: 1,719,365 (combined with Yoast Mine) Comments:

Operator: Seneca Coal Company Address: P.O. Box 670 81639-0000 Hayden CO

Contact: Shevling Robert Telephone: (602) 774-5253 Formation Name: Williams Fork Fm Geologic Age: Cretaceous

788 Wyman Pit County: Routt T 4 N R 89 W Section: 17 Qtr Sec: SE Topo Map: Pagoda Permit ID: M1983037 Primary Product: Sand and gravel Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Comments: Operator: Louis M. Wyman Address: P.O. Box 278 Craig CO 81626-0000 Contact: Wyman Thomas Telephone: (970) 824-6431 Formation Name: Alluvium Geologic Age: Ouaternary County: Routt 790 Foidel Creek Mine T 5 N R 86 W

Section: 21 Qtr Sec: SE Topo Map: Milner Primary Product: Coal Permit ID: C1982056 2nd Product: Commodity Type: Coal 3rd Product: Mine Type: underground

Estimated Annual Production: 7,709,884

Comments:

Operator: Twentymile Coal Company Address: 29515 Routt County Road No. 27

Oak Creek CO 80467-0000

Contact: DeMichiei John Telephone: (970) 870-2712 Formation Name: Williams Fork Fm Geologic Age: Cretaceous

Yoast Mine County: Routt T 5 N R 87 W

Section: 8 Qtr Sec: NE Topo Map: Mount Harris Primary Product: Coal Permit ID: C1994082 2nd Product: Commodity Type: Coal

3rd Product: Mine Type: Surface Estimated Annual Production: (combined with Seneca II-W mine)

Comments:

Operator: Seneca Coal Company Address: 36600 Routt County Road 27

Hayden CO 81639-0000

Contact: Shevling Robert Telephone: (970) 276-3707 Formation Name: Williams Fork Fm Geologic Age: Cretaceous

County: Saguache Colorado Gravel Products Inc. T 41 N R 7 E Section: 35 Qtr Sec: W Topo Map: La Garita Primary Product: Sand and gravel Permit ID: M1999117 Commodity Type: Aggregate 2nd Product: 2nd Product: 3rd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: 20,000 Comments: Comments: Operator: Colorado Gravel Products, Inc. Address: 45247 Hwv 112 Center CO 81125-0000 Contact: Telephone: (719) 754-2744 Contact: Smith Kenny Formation Name: Gravel and Sand Geologic Age: Ouaternary J and K Limestone Products-Villa Gro County: Saguache T 46 N R 9 E Section: 26 Qtr Sec: SE Topo Map: Villa Grove Primary Product: Gravel Permit ID: M2000116 2nd Product: Commodity Type: Aggregate 2nd Product: Mine Type: Surface 3rd Product: 3rd Product: Estimated Annual Production: Intermittent production Comments: Comments: Operator: J And K Limestone Products, LLC. Address: 1410 CR 2 E. Address: Monte Vista 81144-0000 CO Contact: Willschau Jim Telephone: (719) 852-2760 Contact: Geologic Age: Quaternary Formation Name: Alluvium Rancho Rosado County: Saguache T 44 N R 11 Section: 35 Qtr Sec: N Topo Map: Rito Alto Peak Primary Product: Sand and gravel Permit ID: M1985085 2nd Product: 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: Intermittent production Comments: Comments: Operator: Gary Boyce Address: 17425 CR 66T Moffat CO 81143-0000 Contact: Boyce Gary Telephone: (719) 256-4613

Geologic Age: Quaternary

County: Saguache Crites Sand and Gravel T 41 N R 6 Е Topo Map: Twin Mountains SE Section: 25 Qtr Sec: Primary Product: Sand and gravel Permit ID: M1999022 Commodity Type: Aggregate Mine Type: Surface Estimated Annual Production: 3,250 Operator: Crites Sand and Gravel Address: 11044 W. Hwv. 112 Del Norte CO 81132-0000 Dave Telephone: (719) 657-2338 Crites Formation Name: Alluvium Geologic Age: Ouaternary Limekiln Gulch Project County: Saguache T 46 N R 8 E Section: 25 Qtr Sec: SE Topo Map: Graveyard Gulch Primary Product: Limestone Permit ID: M1995050 Commodity Type: Aggregate Mine Type: Surface Estimated Annual Production: Intermittent production Operator: James Willschau 1410 SCR 2 E. Monte Vista CO 81144-0000 Willschau James Telephone: (719) 852-2185 Formation Name: Leadville Limestone Geologic Age: Devonian County: Saguache Skoglund Pit Section: 34 Qtr Sec: SE Topo Map: Rito Alto Peak Primary Product: Sand and gravel Permit ID: M1996089 Commodity Type: Aggregate Mine Type: Surface Estimated Annual Production: 15,600 Operator: Skoglund Excavating Inc. Address: 11th and Broadway Moffat CO 81143-0000 Contact: Kenneth Telephone: (719) 256-4447 Skoglund

Geologic Age: Ouaternary

Formation Name: Gravel

Formation Name: Gravel

County: Saguache Stage Stop Pit 800 T 45 N R 6 E Section: 20 Qtr Sec: S Topo Map: Lake Mountain NE Primary Product: Sand and gravel Permit ID: M1984025 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: 500 Comments: Operator: So. Wav Co. Address: 117 White Pine Dr. 81101-0000 Alamosa CO Rock Contact: Southway Telephone: (719) 589-5103 Formation Name: Gravel Geologic Age: Ouaternary County: Saguache 802 Profitt T 47 N R 7 E Section: 19 Otr Sec: NE Topo Map: Bonanza Permit ID: M1991054 Primary Product: Gold 2nd Product: Silver Commodity Type: Metal 3rd Product: Mine Type: underground Estimated Annual Production: Not disclosed Comments: Operator: Indian Creek Mining Corp. Address: P.O. Box 342 Saguache CO 81149-0000 Contact: Don Telephone: (719) 655-2225 Flickinger Formation Name: Ouartz veins Geologic Age: Mid-Tertiary Freda Claim County: San Juan W. T 42 N R 8 Section: 33 Qtr Sec: SE Topo Map: Ironton Primary Product: Gold Permit ID: M1984072 2nd Product: Silver Commodity Type: Metal Mine Type: underground 3rd Product: Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Red Arrow Gold Corporation Address: P.O. Box 570 CO 81328-0000 Mancos

County: Saguache Swede Corners Pit T 43 N R 7 E Section: 2 Qtr Sec: S Topo Map: Saguache Permit ID: M1988087 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Southway Construction Company, Inc. Address: 117 White Pine Dr. Alamosa CO 81101-0000 Telephone: (719) 589-5103 Contact: DeGolver Kris Formation Name: Alluvium Geologic Age: Quaternary Hillver Pit County: San Juan 803 T 41 N R 7 w Section: 20 Qtr Sec: Topo Map: Silverton Primary Product: Sand and gravel Permit ID: M1982011 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: In Ann Vota Address: P.O. Box 3142 Durango CO 81302-0000 Contact: Vota Telephone: (970) 259-1319 Joanna Formation Name: Glacial drift Geologic Age: Ouaternary Gold King Mine County: San Juan T 42 N R 7 W Section: 21 Qtr Sec: N Topo Map: Ironton Primary Product: Gold Permit ID: M1986013 2nd Product: Silver Commodity Type: Metal 3rd Product: Mine Type: underground Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Gold King Mines Corporation Address: P.O. Box 299 Silverton CO 81433-0000 Contact: Telephone: (970) 387-5183 Fearn Stephen Formation Name: Ouartz veins Geologic Age: Mid-Tertiary

Liukko

Formation Name: Quartz veins

Craig

Telephone: (970) 533-7037

Geologic Age: Mid-Tertiary

County: San Juan 806 Minnehaha Mine T 42 N R 7 W Section: 21 Qtr Sec: Topo Map: Ironton Primary Product: Gold Permit ID: M1981062 2nd Product: Silver Commodity Type: Metal 3rd Product: Copper Mine Type: underground Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Gold King Mines Corporation Address: P.O. Box 299 Silverton CO 81433-0000 Contact: Fearn Stephen Telephone: (970) 387-5183 Formation Name: Ouartz veins Geologic Age: Mid-Tertiary County: San Juan

Sunnyside Gold Mine T 41 N R 7 W Section: 10 Qtr Sec: Topo Map: Howardsville Primary Product: Lead Permit ID: M1977378

2nd Product: Zinc Commodity Type: Metal 3rd Product: Copper Mine Type: underground

Estimated Annual Production: None reported in 2002

Comments: Shut-in

Operator: Sunnyside Gold Corp

Address: #1 Gladstone

Silverton CO

81433-0000

Contact: Perino Telephone: (970) 387-5533 Larry

Formation Name: Quartz veins Geologic Age: Mid-Tertiary

Alexander Pit County: San Miguel T 43 N R 9 w Section: 31 Qtr Sec: Topo Map: Grav Head Primary Product: Sand and gravel Permit ID: M1976032 Commodity Type: Aggregate 2nd Product:

3rd Product: Mine Type: Surface

Estimated Annual Production: None reported in 2002

Comments:

Operator: Telluride Gravel, Inc.

Address: 270 Hwy 625

Telluride CO 81435-9144

Contact: Ballode David Telephone: (970) 728-3775

Formation Name: Alluvium Geologic Age: Ouaternary 807 Pride of the West

w T 41 N R 7 Section: 1 Qtr Sec: S Topo Map: Silverton

Primary Product: Gold Permit ID: M1984049

County: San Juan

County: San Juan

2nd Product: Commodity Type: Metal 3rd Product: Mine Type: underground

Estimated Annual Production: None as of 2002

Comments: Part of the Animas River cleanup project

Operator: The Silver Wing Company, Inc.

Address: 1315 Snowden Rd.

Silverton CO 81433-0000

Contact: Feam Stephen Telephone: (970) 387-5813 Formation Name: mine waste Geologic Age: Recent

809 Toltec No 2

T 42 N R 6 w Section: 17 Qtr Sec: Topo Map: Handies Peak Permit ID: M1984039

Primary Product: Silver

2nd Product: Gold Commodity Type: Metal 3rd Product: Copper Mine Type: Surface

Estimated Annual Production: None reported in 2002

Comments: Shut-in

Operator: Wilbur F. Benham

Address: 10195 S. Houghton Rd., #107

Tucson ΑZ 85747-0000

Contact: Benham Wilbur Telephone: (520) 574-1016

Formation Name: Ouartz veins Geologic Age: Mid-Tertiary

Beaver Mesa Pit

County: San Miguel

T 43 N R 12 W Primary Product: Sand and gravel

Section: 27 Qtr Sec: SE Topo Map: Beaver Park Permit ID: M1981224

2nd Product:

Commodity Type: Aggregate

3rd Product:

Mine Type: Surface

Estimated Annual Production: None reported in 2002

Comments: Shut-in Operator: Clarence Brasier Address: 59751 W. Miami Rd

> Montrose CO 81401-0000

Contact: Telephone: (970) 249-2553 Brasier Sandy

Formation Name: Alluvium Geologic Age: Ouaternary

Deep Creek Placer 812

County: San Miguel Section: 25 Qtr Sec: S

T 43 N R 10 W Primary Product: Limestone

Topo Map: Gray Head

2nd Product:

Permit ID: M1986102

3rd Product:

Commodity Type: Aggregate Mine Type: underground

Estimated Annual Production: None reported in 2002

Comments: Shut-in

Operator: B - Mining Company

Address: P.O. Box 326

Nucla

CO 81424-0000

Contact: Moore Michael

Telephone: (970) 864-7814

Formation Name: Pony Express Ls

Geologic Age: Jurassic

Gator Aggregates, LLC 814

County: San Miguel

T 45 N R 12 W Primary Product: Sand and gravel

Section: 32 Qtr Sec: SE Topo Map: Gurley Canyon

Permit ID: M1985138

2nd Product: 3rd Product:

Commodity Type: Aggregate

Mine Type: Surface

Estimated Annual Production: None reported in 2002

Comments: Shut-in

Operator: Gator Aggregates, LLC

Address: P.O. Box 704

Norwood CO 81423-0000

Contact: Williams Hank Telephone: (970) 327-4218

Formation Name: Alluvium Geologic Age: Ouaternary

Pathfinder Pit 816

County: San Miguel

T 42 N R 9 W Primary Product: Gravel

Section: 32 Qtr Sec: S Topo Map: Mount Wilson Permit ID: M1994113

2nd Product:

Commodity Type: Aggregate

Mine Type: Surface 3rd Product:

Scott

Estimated Annual Production: None reported in 2002

Comments:

Operator: Pathfinder Development, Inc.

Address: P.O. Box 797

Telluride

81435-0000 CO

Contact:

Smith

Telephone: (970) 728-3403

Formation Name: Glacial drift

Geologic Age: Quaternary

Disappointment Valle

Section: 20 Qtr Sec: N

Topo Map: Joe Davis Hill

County: San Miguel

Primary Product: Sand and gravel

Permit ID: M1980038

2nd Product:

Contact:

Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: None reported in 2002

Comments: Shut-in Operator: Ron Ebberts Address: P.O. Box 250

T 43 N R 17 W

Egnar Ebberts CO 81325-0000

Ron

Telephone: (970) 677-2476

Formation Name: Alluvium

Primary Product: Stone

Geologic Age: Ouaternary

H & H Stone Ouarry #3

T 45 N R 17 w Section: 27 Qtr Sec:

Topo Map: Naturita NW Permit ID: M2000154

County: San Miguel

2nd Product:

Commodity Type: Aggregate Mine Type: Surface

3rd Product:

Estimated Annual Production: 650

Comments:

Operator: H & H Stone Co., Inc.

Address: 303 W. 3rd

Dovecreek

81324-0000 CO

Contact: Holley Fred

Telephone: (970) 677-4158

Formation Name: Dakota Sandstone

Geologic Age: Cretaceous

Slick Rock Gravel Pit 1

T 44 N R 18 W Section: 30 Qtr Sec: S Topo Map: Horse Range Mesa

Permit iD: M1994100

County: San Miguel

Primary Product: Gravel 2nd Product:

Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Bob

Estimated Annual Production: 3,000

Comments:

Operator: Sutherland Brothers, Inc.

Address: 29703 Hwy. 97

Nucla

CO 81424-0000

Contact: Sutherland

Telephone: (970) 864-7662

Formation Name: Alluvium

Geologic Age: Quaternary

County: San Miguel Spor Pit 818

T 45 N R 12 W Section: 19 Qtr Sec: N Topo Map: Sanborn Peak Permit ID: M1995038 Primary Product: Gravel 2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: None reported in 2002

Comments: Shut-in

Operator: Farmers Construction, Inc.

Address: 37418 Hwy. 145

Redvale CO 81431-0000

Contact: Farmer Telephone: (303) 327-4316 Regina

Formation Name: Alluvium Geologic Age: Ouaternary

Carnation Mine

County: San Miguel

T 44 N R 18 W Section: 13 Qtr Sec: S Topo Map: Hamm Canyon Primary Product: Uranium Permit ID: M1977416 2nd Product: Vanadium Commodity Type: Energy mineral

3rd Product: Mine Type: underground

Estimated Annual Production: None reported in 2002

Comments: Shut-in

Operator: International Uranium (USA) Corp.

Address: Independence Plaza, 950

Denver 80265-0000 CO

Contact: Wetz Telephone: (303) 628-7798 Terry

Formation Name: Morrison Fm Geologic Age: Jurassic

Hawkeve Mine 822

County: San Miguel

T 44 N R 18 W Section: 32 Qtr Sec: S Topo Map: Hamm Canyon Primary Product: Uranium Permit ID: M1978311 2nd Product: Vanadium Commodity Type: Energy mineral

3rd Product: Mine Type: underground

Estimated Annual Production: None reported in 2002

Comments: Shut-in

Operator: Gold Eagle Mining, Inc.

Address: 845 E. Main St.

> Montrose CO 81401-0000

Contact: Don Coram Telephone: (970) 249-0404 Formation Name: Morrison Fm Geologic Age: Jurassic Burros Mine

T 44 N R 18 W Section: 30 Qtr Sec: SE Topo Map: Hamm Canyon Primary Product: Uranium Permit ID: M1977297

County: San Miguel

County: San Miguel

County: San Miguel

Geologic Age: Jurassic

2nd Product: Vanadium Commodity Type: Energy mineral

3rd Product: Mine Type: underground

Estimated Annual Production: None reported in 2002

Comments: Shut-in

Operator: Gold Eagle Mining, Inc.

Address: 845 E. Main St.

CO 81401-0000 Montrose

Contact: Don Telephone: (970) 249-0404 Coram

Formation Name: Morrison Fm

821 Ellison Mine

T 44 N R 18 W Section: 30 Qtr Sec: Topo Map: Hamm Canyon Primary Product: Uranium Permit ID: M1978342 2nd Product: Vanadium Commodity Type: Energy mineral

3rd Product: Mine Type: underground

Estimated Annual Production: None reported in 2002

Comments: Shut-in

Operator: Gold Eagle Mining, Inc.

Address: 845 E. Main St.

Montrose CO 81401-0000

Telephone: (970) 249-0404 Contact: Coram Don Geologic Age: Jurassic

Formation Name: Morrison Fm

Ike No 1 Mine

T 143 IN IR 19 IW Section: 8 Qtr Sec: SE Topo Map: Egnar

Primary Product: Uranium Permit ID: M1977451 2nd Product: Vanadium Commodity Type: Energy mineral

3rd Product: Mine Type: underground

Estimated Annual Production: None reported in 2002

Comments: Care & maintenance and some development

Operator: Cotter Corporation Address: P.O. Box 700

> Nucla CO 81424-0000

Telephone: (970) 864-7347 David Contact: Diss Geologic Age: Jurassic

Formation Name: Morrison Fm

County: San Miguel 824 | Sego Mine T 45 N R 18 W Section: 25 Qtr Sec: SE Topo Map: Bull Canvon Permit ID: M1977417 Primary Product: Uranium 2nd Product: Vanadium Commodity Type: Energy mineral 3rd Product: Mine Type: underground Estimated Annual Production: None reported in 2002 Comments: Shut-in

Operator: Lance and Bob Barker

Address: P. O. Box 821

Lake City CO 81235-0000

Barker Telephone: (970) 944-0155 Contact: Lance Formation Name: Morrison Fm Geologic Age: Jurassic

County: San Miguel 826 St Jude Mine

T 44 N R 18 W Section: 13 Qtr Sec: S Topo Map: Hamm Canyon Primary Product: Uranium Permit ID: M1978039HR 2nd Product: Vanadium Commodity Type: Energy mineral

3rd Product: Mine Type: underground

Estimated Annual Production: None reported in 2002

Comments: Shut-in

Operator: International Uranium (USA) Corp.

Address: Independence Plaza, 950

Denver CO 80265-0000

Terry Contact: Wetz Telephone: (303) 628-7798 Formation Name: Morrison Fm Geologic Age: Jurassic

County: San Miguel 828 Topaz Mine

T 44 N R 18 W Section: 10 Qtr Sec: SE Topo Map: Hamm Canyon Primary Product: Uranium Permit ID: M1981021

2nd Product: Vanadium Commodity Type: Energy mineral 3rd Product: Mine Type: underground

Estimated Annual Production: None reported in 2002

Comments: Shut-in

Operator: International Uranium (USA) Corp.

Address: Independence Plaza, 950

Denver CO 80265-0000

Wetz Telephone: (303) 628-7798 Contact: Terry

Formation Name: Morrison Fm Geologic Age: Jurassic

SR-13A Mine 825

T 44 N R 18 W Section: 30 Qtr Sec: Topo Map: Hamm Canvon Primary Product: Uranium Permit ID: M1977311 2nd Product: Vanadium Commodity Type: Energy mineral

County: San Miguel

County: San Miguel

County: San Miguel

3rd Product: Mine Type: underground

Estimated Annual Production: None reported in 2002 Comments: Care & maintenance and some development

Operator: Cotter Corporation Address: P.O. Box 700

> Nucla CO 81424-0000

Diss Contact: David Telephone: (970) 864-7347 Formation Name: Morrison Fm Geologic Age: Jurassic

Sunday Mine

T 44 N R 18 W Topo Map: Hamm Canyon Section: 13 Qtr Sec: S Primary Product: Uranium Permit ID: M1978222UG 2nd Product: Vanadium Commodity Type: Energy mineral

3rd Product: Mine Type: underground

Estimated Annual Production: None reported in 2002

Comments: Shut-in

Operator: International Uranium (USA) Corp.

Address: Independence Plaza, 950

Denver 80265-0000 CO

Terry Contact: Wetz Telephone: (303) 628-7798 Formation Name: Morrison Fm Geologic Age: Jurassic

West Sunday

T 44 N R 18 W Section: 14 Qtr Sec: Topo Map: Hamm Canyon Primary Product: Uranium Permit ID: M1987169 2nd Product: Vanadium Commodity Type: Energy mineral

3rd Product: Mine Type: underground

Estimated Annual Production: None reported in 2002

Comments: Shut-in

Operator: International Uranium (USA) Corp.

Address: Independence Plaza, 950

Denver CO 80265-0000

Wetz Contact: Terry Telephone: (303) 628-7798 Geologic Age: Jurassic

Formation Name: Morrison Fm

830 Gallegos Co Inc County: San Miguel T 43 N R 10 W Section: 25 Qtr Sec: SF Topo Map: Gray Head Primary Product: Dimension stone, sandstone Permit ID: M1995053 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: 6.000 Comments: Operator: Gallegos Company, Inc. Address: P.O. Box 1648 Telluride CO 81435-0000 Contact: John Telephone: (970) 728-6201 Gallegos Formation Name: Dakota Sandstone Geologic Age: Cretaceous County: San Miguel Special Sessions Mine T 42 N R 10 W Section: 31 Qtr Sec: SE Topo Map: Grav Head Primary Product: Gold Permit ID: M1984176 2nd Product: Silver Commodity Type: Metal 3rd Product: Mine Type: underground

Estimated Annual Production: None reported in 2002

Comments: Shut-in Operator: Harris Mining Address: 3026 A 1/2 Rd.

> Grand Junction CO 81503-0000

Contact: Harris Telephone: (970) 434-3611 Leroy

Formation Name: Ouartz veins Geologic Age: Mid-Tertiary

Breckenridge Lands Placer County: Summit S R 77 W Section: 18 Qtr Sec: Topo Map: Frisco Primary Product: Sand and gravel Permit ID: M1985012 2nd Product: Commodity Type: Aggregate

Mine Type: Surface 3rd Product:

Estimated Annual Production: 150,000

Comments:

Operator: Stan Miller, Inc. Address: P.O. Box 804

> Breckenridge CO 80424-0000

Contact: Miller Kermit Telephone: (970) 453-6095

Formation Name: Gravel Geologic Age: Ouaternary

Jim Dandy Mine 831

T 43 N R 10 W Section: 9 Qtr Sec: S Topo Map: Gray Head Primary Product: Gold Permit ID: M1985196

2nd Product: Silver Commodity Type: Metal 3rd Product: Mine Type: underground

Estimated Annual Production: None reported in 2002

Comments: Shut in; ore in sanstone unit below Pony Express Ls

Operator: Sawpit Minerals Address: P.O. Box 318

> Placerville CO 81430-0000

Contact: William Telephone: (970) 728-6583 Wenger

Formation Name: Replacement ore, Glen Canyon Geologic Age: Lower Triassic

Group

Randall Scotts Private Land

County: Sedgwick Section: 36 Qtr Sec: S Topo Map: Julesburg

T 12 N R 45 W Primary Product: Sand Permit ID: M2000036

Mine Type: Surface 3rd Product:

Estimated Annual Production: Not disclosed

Comments:

2nd Product:

Operator: PCL Civil Constructors, Inc.

Address: P.O. Box 22485

Denver CO 80222-0485

Contact: Anders Telephone: (303) 886-1461 Lindgren

Formation Name: Alluvium Geologic Age: Ouaternary

835 Maryland Creek Ranch

|S | R | 78 | W | Section: 22 Qtr Sec: NE T 4 Topo Map: Dillon

Primary Product: Sand and gravel 2nd Product:

Permit ID: M1996049 Commodity Type: Aggregate

County: Summit

Commodity Type: Aggregate

County: San Miguel

3rd Product: Mine Type: Surface

Estimated Annual Production: 500,000

Comments:

Operator: Everist Materials, LLC

Address: P.O. Box 1150

Silverthorne CO 80498-0000

Thomas Telephone: (970) 468-2521 Contact: Everist

Formation Name: Gravel Geologic Age: Ouaternary

County: Summit **Rock Island Operation** 836 T 6 S R 77 W Section: 24 Qtr Sec: N Topo Map: Keystone Permit ID: M1998052 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Rock Island Land Co., LLC Address: P.O. Box 1012 Breckenridge CO 80424-0000 Contact: McCleneghan Sam Telephone: (970) 453-6360 Formation Name: Gravel Geologic Age: Ouaternary County: Summit Climax Mine 838 Section: 25 Qtr Sec: NE Topo Map: Copper Mtn. T 7 S R 79 W Primary Product: Molybdenum Permit ID: M1977493 2nd Product: Commodity Type: Metal 3rd Product: Mine Type: Surface and underground Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Climax Molybdenum Company Address: Hwy. 91, Fremont Pass Climax CO 80429-0000 Contact: Fred Telephone: (719) 486-2150 Menzer Geologic Age: Tertiary-Cretaceous Formation Name: Rhyolite 840 Golden Crest Mine County: Summit T 7 S R 78 W Section: 29 Qtr Sec: S Topo Map: Copper Mtn. Primary Product: Silver Permit ID: M1979085HR 2nd Product: Gold Commodity Type: Metal

3rd Product: Mine Type: underground Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Summit Minerals Inc. Address: 1799 7th Avenue N Lake Worth FL 33461-0000 Telephone: (561) 586-6100 Contact: Van Tiem Florentine Geologic Age: Tertiary-Cretaceous Formation Name: Quartz veins

County: Summit 837 Swan River Resource T 6 S R 77 W Section: 14 Qtr Sec: Topo Map: Keystone Permit ID: M1993035 Primary Product: Sand and gravel Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: N/A Comments: Operator: Alpine Rock Company Address: 14802 W. 44th Ave. Golden CO 80403-0000 Contact: Krattenmaker James Telephone: (303) 279-6611 Formation Name: Glacial drift Geologic Age: Ouaternary County: Summit Fredonia Mine S R 77 W T 17 Section: 29 Qtr Sec: Topo Map: Breckenridge Primary Product: Silver Permit ID: M1984201 2nd Product: Gold Commodity Type: Metal 3rd Product: Mine Type: underground Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Robin G Theobald Address: P.O. Box 37 Breckenridge CO 80424-0000 Contact: Theobald Robin Telephone: (970) 453-6901 Formation Name: Quartz veins Geologic Age: Tertiary-Cretaceous Cameron Project County: Teller 841 T 15 S R 69 W Section: 17 Qtr Sec: SE Topo Map: Cripple Creek South Primary Product: Sand and gravel Permit ID: M1991134 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: Estimated Annual Production: Intermittent production Comments: Operator: Cripple Creek & Victor Gold Address: P.O. Box 191 Victor CO 80860-0000 Scott Telephone: (719) 689-4041 Contact: Lewis Formation Name: Alluvium Geologic Age: Ouaternary

Gillette Pit County: Teller 842 T 15 S R 69 W Section: 4 Qtr Sec: NE Topo Map: Pikes Peak Permit ID: M1992009 Primary Product: Gravel 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Gillette Sand and Gravel, Inc. Address: 12185 N. Dumport Wy. CO 80125-0000 Littleton Contact: Yevoli Mark Telephone: (303) 683-0200 Formation Name: Gravel Geologic Age: Ouaternary County: Teller Stones Ranch Gray Pt T 14 S R 70 W Section: 29 Qtr Sec: NE Topo Map: Cripple Creek North Primary Product: Gravel Permit ID: M1991080 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 11,700 Comments: Operator: Howard and Barbara Stone Address: 8292 Teller Rd., No. 1 Florissant 80816-0000 Contact: Stone Howard & Telephone: (719) 689-2277

Formation Name: Alluvium Geologic Age: Ouaternary Twin Crk Campground County: Teller T 13 S R 71 W Section: 1 Qtr Sec: Topo Map: Lake George Primary Product: Sand and gravel Permit ID: M1989044 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface

Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: The Clare Corporation Address: P.O. Box 1 Florissant CO 80816-0000 Telephone: (719) 748-3805 Contact: Harold Clare, II Formation Name: Gravel Geologic Age: Ouaternary Page 141 of 214

Mule Creek Pit County: Teller 843 T 12 S R 69 W Section: 30 Qtr Sec: S Topo Map: Divide Primary Product: Gravel Permit ID: M2000077 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Comments: Operator: PK Enterprises, Inc. Address: 11115 W. Hwy. 24, Unit 2A Divide CO 80814-0000 Gregory Telephone: (719) 687-6011 Contact: Loop Formation Name: Gravel Geologic Age: Quaternary County: Teller Tiger Timber Site 845 T 13 S R 71 W Section: 2 Qtr Sec: SE Topo Map: Lake George Primary Product: Gravel Permit ID: M1991082 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: Estimated Annual Production: 3,900 Comments: Operator: Tiger Timber, Inc. Address: P.O. Box 128 Lake George CO 80827-0000

Formation Name: Alluvium Geologic Age: Quaternary County: Teller Bad Boys Pit T 15 S R 70 W Topo Map: Cripple Creek South Section: 13 Qtr Sec:

Telephone: (719) 748-3621

Primary Product: Turquoise Permit ID: M1996081 2nd Product: Commodity Type: Industrial mineral

3rd Product: Mine Type: Surface

Frank

Estimated Annual Production: Intermittent production

Laughrey

Comments:

Contact:

Operator: Bad Boys of Cripple Creek Mining Co., Inc.

Address: P.O. Box 66

80813-0000 Cripple Creek CO

Contact: Graham Garret Telephone: (719) 689-2982

Formation Name: Ouartz latite Geologic Age: Oligocene

County: Teller 848 Crystaliack Mine T 11 S R 71 W Section: 35 Qtr Sec: S Topo Map: Hackett Mountain Primary Product: Amazonite, topaz, smoky quartz and other germitalies M1993030 Commodity Type: Industrial mineral 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Comments: Operator: John O Buckner Address: 2516 Waldean St. Colorado Spring CO 80909-4015 Buckner Telephone: (719) 634-4042 Contact: John Formation Name: Pegmatite Geologic Age: Precambrian County: Teller 850 Phyllis Ann Claim T 12 S R 71 Section: 10 Qtr Sec: N Topo Map: Hackett Mountain Primary Product: Ouartz Permit ID: M1995059 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: N/A Comments: Operator: The Crystal Group Address: 7636 E. Pine Ridge Rd. Franktown CO 80116-0000 Contact: Doug Collyer Telephone: (303) 660-0029 Formation Name: Pikes Peak Granite, pegmatite Geologic Age: Precambrian Rolfes-Wildhorn Add County: Teller 852 T 12 S R 71 W Section: 25 Qtr Sec: S Topo Map: Lake George Permit ID: M1991070 Primary Product: Peat 2nd Product: Commodity Type: Industrial mineral 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed

Comments:

Operator: J & M Equipment Address: P.O. Box 368

> Lake George CO 80827-0000

Contact: Hartwell Monty Telephone: (719) 748-1053

Geologic Age: Quaternary Formation Name: Alluvium

849 Florence Pit

T 15 S R 70 W Section: 13 Qtr Sec: NF. Topo Map: Cover Mountain

Primary Product: Turquoise

Permit ID: M2001070

County: Teller

2nd Product:

Commodity Type: Industrial mineral

3rd Product:

Mine Type: Surface

Estimated Annual Production: 0.04

Comments:

Operator: Wallace F. Burtis Address: 66 Dartmouth Ave.

Formation Name: Diorite

Pueblo CO

Burtis Wallace Contact: **Telephone:** (719) 566-1669

81005-0000

851 Red Jasper Granite County: Teller

Geologic Age: Tertiary

T 15 S R 71 Section: 3 Qtr Sec: Topo Map: Wrights Reservoir Primary Product: Granite Permit ID: M1982200 2nd Product: Commodity Type: Industrial mineral

3rd Product: Mine Type: Surface

Estimated Annual Production: Intermittent production

Comments:

Operator: Colorado Ouarries, Inc.

Address: 270 S. 15th St.

Canon City CO 81212-0000

Contact: Bill Telephone: (719) 275-6894 Tezak

Formation Name: Granite Geologic Age: Precambrian

Chesapeake Mine

Topo Map: Big Bull Mtn.

County: Teller

|T | 15 | S | R | 69 | W | Section: 29 Qtr Sec: SE Primary Product: Gold Permit ID: M1989079

2nd Product: Silver Commodity Type: Metal 3rd Product: Mine Type: underground

Estimated Annual Production: None reported in 2002

Comments: Shut-in

Operator: Gold States Mining Corporation

Address: 550 Range View Rd.

Victor CO 80860-0000

Contact: Watson, Jr Telephone: (719) 689-3126 James

Geologic Age: Oligocene

Formation Name: Quartz veins

County: Teller Cresson Project 854 T 15 S R 69 w Section: 30 Qtr Sec: S Topo Map: Big Bull Mtn. Primary Product: Gold Permit ID: M1980244 2nd Product: Commodity Type: Metal 3rd Product: Mine Type: Surface Estimated Annual Production: 214,000 ounces gold, 91,000 ounces silver **Comments:** Gold disseminated in alkalic volcanics in a diatreme complex. Operator: Cripple Creek & Victor Gold Address: P.O. Box 191 Victor CO 80860-0000 Contact: Largent Ron Telephone: (719) 689-4041 Formation Name: Alkalic volcanics Geologic Age: Mid-Tertiary County: Teller Jerry Johnson Group T 15 S R 69 W Section: 17 Qtr Sec: S Topo Map: Big Bull Mtn. Primary Product: Gold Permit ID: M1981156 2nd Product: Silver Commodity Type: Metal 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Adjacent to Anglogold pit and incorprorated into mine plan to be mined in 2-3 Operator: Little Pedro Mining Company Address: 2454 Waynoka Rd. Colorado Spring CO 80915-0000 Contact: Ward Telephone: (719) 591-0909 Timothy Formation Name: Ouartz latite Geologic Age: Oligocene County: Washington Jim Cline Pit #2

N R 49 W Section: 25 Qtr Sec: S Topo Map: Lone Star Primary Product: Sand and gravel Permit ID: M1998079 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Minimal Comments: Operator: Jim Cline 39435 CR J Address: Yuma CO 80759-0000

Telephone: (970) 848-2486

Geologic Age: Tertiary

County: Teller Golden Enterprises T | 15 | S | R | 70 | W | Section: 24 Qtr Sec: NE Topo Map: Cripple Creek South Primary Product: Silver Permit ID: M1981160 2nd Product: Gold Commodity Type: Metal Mine Type: underground 3rd Product: Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Golden Enterprises 400 W. Mill St. Address: Belton MO 64012-0000 Telephone: (816) 331-2152 William Contact: Huffman Geologic Age: Oligocene Formation Name: Ouartz veins County: Washington Elrick Pit 857 N R 51 W Section: 10 Qtr Sec: Topo Map: Platner Primary Product: Sand and gravel Permit ID: M1997015 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: Estimated Annual Production: Minimal Comments: Operator: Akron Ready Mix 100 S. Cedar Address: Akron CO 80720-0000 Contact: Jill Telephone: (970) 345-2003 Darrell Formation Name: Ogallala-derived gravel Geologic Age: Tertiary County: Washington 859 Langley Pit N | R | 50 W Section: 6 Qtr Sec: S Topo Map: Platner Primary Product: Sand and gravel Permit ID: M1991121 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: Estimated Annual Production: Minimal Comments: Operator: Akron Ready Mix Concrete Co.

Address: 100 S. Cedar

Akron CO 80720-0000

Contact: Darrell Jill Telephone: (970) 345-2002

Formation Name: Ogallala-derived gravel Geologic Age: Tertiary

Cline

Formation Name: Ogallala-derived gravel

Jim

Contact:

County: Washington 860 Page Pit S R 50 W Section: 5 Qtr Sec: NE Topo Map: Cope NW Primary Product: Borrow rock Permit ID: M1997029 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Grasser Construction, Inc. 18071 CR 31 Address: Stratton CO 80836-0000 Contact: Grasser Daniel Telephone: (719) 348-5383 Formation Name: Alluvium Geologic Age: Quaternary County: Washington 862 State Gravel Pit N R 51 Section: 16 Qtr Sec: S Topo Map: Platner Primary Product: Gravel Permit ID: M1988083 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 500 Comments: Operator: Hottinger Excavating Address: 776 E. 2nd St. Akron CO 80720-0000 Gene Contact: Telephone: (970) 345-2541 Hottinger Formation Name: Ogallala-derived gravel Geologic Age: Tertiary 864 Arnusch Grav Pit 3 County: Weld N R 63 W Section: 23 Qtr Sec: SE Topo Map: Prospect Valley Permit ID: M1981287 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Nikolaus Arnusch Address: 34527 WCR 6

County: Washington Revnolds Pit 861 N R 49 W T 5 Section: 25 Qtr Sec: S Topo Map: Lone Star Permit ID: M1987006 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Minimal Comments: Operator: James F Cline Address: 39435 CR I 80759-0000 Yuma CO Contact: Cline Jim Telephone: (970) 848-2486 Formation Name: Ogallala-derived gravel Geologic Age: Tertiary County: Weld 863 83rd Joint Venture N R 66 W Т 6 Section: 35 Qtr Sec: S Topo Map: Greelev Primary Product: Sand and gravel Permit ID: M1992069 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 500,000 Comments: Operator: Aggregate Industries - WCR, Inc. Address: 3605 S. Teller St. 80235-0000 Lakewood CO Contact: Refer Mike Telephone: (303) 985-1070 Formation Name: Gravel Geologic Age: Ouaternary Bailey Pit County: Weld 865 T 3 N R 68 W Section: 36 Qtr Sec: Topo Map: Gowanda Primary Product: Sand and gravel Permit ID: M1984099 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 500,000 Comments: Operator: Goose Haven Sand & Gravel, Inc. Address: P.O. Box 17130 Boulder CO 80308-0000 Contact: Tiefel Doug Telephone: (303) 665-9390 Formation Name: Alluvium Geologic Age: Quaternary

Contact:

Keenesburg

Formation Name: Alluvium

Amusch

CO

Nik

80643-0000

Telephone: (303) 732-4427

Geologic Age: Ouaternary

County: Weld 866 Baseline Resource T 1 N R 67 W Section: 36 Qtr Sec: SE Topo Map: Fort Lupton Primary Product: Sand and gravel Permit ID: M1997058 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 500,000 Comments: Operator: Hall-Irwin Corporation Address: POBox 519 80632-0000 CO Greeley Contact: McFarland Jim Telephone: (303) 654-1684 Formation Name: Alluvium Geologic Age: Ouaternary Bucklen Equipment Co County: Weld N R 65 W Section: 31 Qtr Sec: S Topo Map: Greeley Primary Product: Sand and gravel Permit ID: M1982131 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 100,000 Comments: Operator: Bucklen Equipment Company Address: 804 N. 25th Ave. Greeley CO 80631-0000 Contact: Bucklen Dawn Telephone: (303) 623-8259 Formation Name: Alluvium Geologic Age: Ouaternary County: Weld 870 Carmin Pit N R 63 W Section: 5 Qtr Sec: Topo Map: Hardin Primary Product: Borrow rock Permit ID: M1999082 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Bemas Construction, Inc. Address: 6890 S. Tuscon Wy.

County: Weld 867 | Brighton Pit T 1 N R 66 W Section: 31 Qtr Sec: N Topo Map: Fort Lupton Primary Product: Sand and gravel Permit ID: M1982160 Commodity Type: Aggregate 2nd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: 540,000 Comments: Operator: Cat Construction, Inc. Address: 6804 Lowell Blvd. 80221-0000 Denver CO Contact: Felix James Telephone: (303) 428-9038 Formation Name: Alluvium Geologic Age: Ouaternary County: Weld 869 Buxman Pit N R 66 W T 6 Section: 33 Qtr Sec: N Topo Map: Bracewell Permit ID: M1989099 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Daniel Buxman Address: 30598 WCR 29 Greeley CO 80634-0000 Daniel Telephone: (970) 352-4622 Contact: Buxman Formation Name: Alluvium Geologic Age: Ouaternary 871 | Carr Gravel Resource County: Weld T 11 N R 67 W Section: 26 Qtr Sec: N Topo Map: Carr East Primary Product: Sand and gravel Permit ID: M1988048 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: Estimated Annual Production: Not disclosed Comments: Operator: Andesite Rock Company Address: 7321 E. 88th Ave., Ste. 200 Henderson CO 80640-0000 Contact: Telephone: (303) 287-4656 Mayer Lynn Formation Name: Gravel Geologic Age: Ouaternary

Contact:

Englewood

Ames

Formation Name: Alluvium

CO

Larry

80112-0000

Telephone: (303) 662-1877

Geologic Age: Ouaternary

872 Centennial Resources

T 4 N R 67 W Section: 13 Qtr Sec: N Topo Map: Millikin

Primary Product: Sand and gravel Permit ID: M2000145

2nd Product: Commodity Type: Aggregate

County: Weld

3rd Product: Mine Type: Surface

oral rodder.

Estimated Annual Production: 200,000

Comments:

Operator: Hall-Irwin Corporation

Address: 3026 4th Ave.

Greeley CO 80631-0000

Contact: McFarland Jim Telephone: (970) 352-6057

Formation Name: Alluvium Geologic Age: Quaternary

874 Cottonwood Pit County: Weld

T 2 N R 68 W Section: 17 Qtr Sec: Topo Map: Longmont Primary Product: Sand and gravel Permit ID: M1988042

2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year

Comments: Owned by Lafarge

Operator: Western Mobile Boulder, Inc.

Address: 1590 W. 12th Ave.

Denver CO 80204-0000

Contact: Reckentine Eric Telephone: (303) 657-4330

Formation Name: Alluvium Geologic Age: Ouaternary

876 Del Camino Sand and Gravel Mine County: Weld

T 3 N R 67 W Section: 32 Qtr Sec: N Topo Map: Gowanda

Primary Product: Sand and gravel Permit ID: M1996052

2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: None reported in 2002

Comments: New mine

Operator: Owens Brothers Concrete Company

Address: 5550 Sheridan Blvd.

Arvada CO 80002-0000

Contact: Owens William Telephone: (303) 429-5850

Formation Name: Alluvium Geologic Age: Quaternary

873 | Challenger Pit

T 5 N R 67 W Section: 29 Qtr Sec: S Topo Map: Johnstown
Primary Product: Sand and gravel Permit ID: M1985026
2nd Product: Commodity Type: Aggregate

County: Weld

County: Weld

County: Weld

3rd Product: Mine Type: Surface

Estimated Annual Production: 200,000

Comments:

Operator: Coulson Excavating Co., Inc.

Address: 3609 N. CR 13

Loveland CO 80538-0000

Contact: Coulson Richard Telephone: (970) 667-2178

Formation Name: Alluvium Geologic Age: Quaternary

875 Dakolios Pit No. 1

T 3 N R 67 W Section: 31 Qtr Sec: S Topo Map: Gowanda
Primary Product: Sand and gravel Permit ID: M1984036

2nd Product: Commodity Type: Aggregate
3rd Product: Mine Type: Surface

Estimated Annual Production: None reported in 2002

Comments: Shut-in

Operator: Varra Companies, Inc.

Address: 12910 WCR 13

Longmont CO 80504-0000

Contact: Varra Christophe Telephone: (303) 666-6657

Formation Name: Alluvium Geologic Age: Quaternary

77 Durham Sand & Gravel Pit

T 5 N R 65 W Section: 10 Qtr Sec: Topo Map: Greeley
Primary Product: Sand and gravel Permit ID: M1978056

2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: 500,000

Comments:

Operator: Varra Companies, Inc.

Address: P.O. Box 2049

Broomfield CO 80038-2049

Contact: Varra Christophe Telephone: (303) 666-6657

Formation Name: Alluvium Geologic Age: Quaternary

E 8th Street Operation County: Weld T 5 N R 65 W Section: 4 Qtr Sec: S Topo Map: Greelev Permit ID: M2000082 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Future mining Operator: Aggregate Industries - WCR, Inc. Address: 3605 S. Teller St. Lakewood CO 80235-0000 Contact: Mike Telephone: (303) 985-1070 Refer Formation Name: Gravel Geologic Age: Ouaternary Fort Lupton Pit County: Weld N R 67 W Section: 12 Qtr Sec: NE Topo Map: Fort Lupton Primary Product: Sand and gravel Permit ID: M1985088 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year Comments: Owned by Lafarge Operator: Western Mobile Denver Address: 1590 W. 12th Ave. Denver CO 80204-0000 Reckentine Eric Contact: Telephone: (303) 657-4330 Formation Name: Alluvium Geologic Age: Ouaternary County: Weld Greelev Pit N R 66 W Section: 35 Qtr Sec: Topo Map: Greeley Primary Product: Sand and gravel Permit ID: M1977036 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year Comments: Owned by Lafarge Operator: Lafarge West, Inc. Address: 1590 W. 12th Ave. CO 80204-0000 Denver Eric Contact: Reckentine Telephone: (303) 657-4330

Geologic Age: Ouaternary

Firestien Pit County: Weld N R 66 W T 6 Section: 31 Qtr Sec: Topo Map: Bracewell Primary Product: Sand and gravel Permit ID: M1996060 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 400,000 Comments: Operator: Hall-Irwin Corporation Address: P.O. Box 519 80632-0000 Greelev CO Contact: Gregg Jeff Telephone: (970) 352-6057 Formation Name: Alluvium Geologic Age: Ouaternary Ft. Lupton Sand and Gravel Mine County: Weld N R 66 W Section: 30 Qtr Sec: N Topo Map: Fort Lupton Primary Product: Borrow rock Permit ID: M1999120 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Comments: Operator: L. G. Everist. Inc. Address: 7321 E. 88th Ave. Ste. 200 Henderson CO 80640-0000 Contact: Mayer Lvnn Telephone: (303) 287-4656 Formation Name: Alluvium Geologic Age: Quaternary County: Weld Greeley Pit N R 66 W Section: 36 Qtr Sec: NE Topo Map: Greeley Primary Product: Sand and gravel Permit ID: M1977151 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: R M Hiner Construction Co., Inc. Address: 2220 "O" St Greelev CO 80631-0000 Contact: Hiner Rex Telephone: (970) 356-2660 Formation Name: Alluvium Geologic Age: Ouaternary

Formation Name: Alluvium

County: Weld 884 Greelev West Pit T 6 N R 66 W Section: 36 Qtr Sec: Topo Map: Greelev Primary Product: Sand and gravel Permit ID: M1977081 Commodity Type: Aggregate 2nd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year Comments: Owned by Lafarge Operator: Lafarge West, Inc. Address: 1590 W. 12th Ave. Denver CO 80204-0000 Eric Contact: Reckentine Telephone: (303) 657-4330 Formation Name: Alluvium Geologic Age: Ouaternary County: Weld Hamm Pit 886 T 2 N R 68 W Section: 4 Otr Sec: SE Topo Map: Longmont Permit ID: M1987176 Primary Product: Sand and gravel Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: N/A; part of LaFarge's total of 12 M tons per year Comments: Owned by Lafarge Operator: Western Mobile Boulder, Inc. Address: 1590 W. 12th Ave. 80204-0000 Denver CO Contact: Reckentine Eric Telephone: (303) 657-4330 Formation Name: Alluvium Geologic Age: Ouaternary County: Weld Industrial Property T 1 N R 66 W Section: 34 Qtr Sec: NE Topo Map: Fort Lupton Primary Product: Borrow rock Permit ID: M1990133 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Johns Meats, Inc. Address: 12185 N. Dumont Wy

Contact: Yevoli Mark Telephone: (303) 683-0200 Formation Name: Alluvium Geologic Age: Quaternary

80125-0000

CO

County: Weld Green/Croissant Property Sand and G T 5 N R 67 W Section: 30 Qtr Sec: NE Topo Map: Windsor Primary Product: Sand and gravel Permit ID: M2001022 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: Start up Comments: New mine Operator: Loveland Ready Mix Concrete, Inc. Address: P O Box 299 Loveland CO 80539-0000

Contact: Fancher Steve Telephone: (970) 667-2680 Formation Name: Alluvium Geologic Age: Ouaternary

County: Weld Herman Feit Pit T 6 N R 66 W Section: 26 Qtr Sec: SE Topo Map: Greeley Primary Product: Sand and gravel Permit ID: M1977522 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface

Estimated Annual Production: 150,000

Comments:

Operator: River Valley Rock, Inc.

Address: P.O. Box 967

Greeley CO 80632-0000

Contact: Lunbery Al Telephone: (303) 353-9939

Formation Name: Alluvium Geologic Age: Quaternary

County: Weld Kobobel Gravel Pit

T 2 N R 68 W Section: 15 Qtr Sec: N Topo Map: Gowanda Primary Product: Sand Gravel Permit ID: M1998043 2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: 80,000

Comments:

Operator: Idaho Creek Gravel Company, Inc.

Address: 3279 Weld CR 20 1/2

80501-0000 Longmont CO

William Contact: Kobobel Telephone: (303) 772-6916

Formation Name: Alluvium Geologic Age: Quaternary

Littleton

Kurtz Resource Recovery & Land Dev County: Weld T 3 N R 67 W Section: 28 Qtr Sec: Topo Map: Gowanda Primary Product: Sand and gravel Permit ID: M1999006 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 900,000 Comments: Operator: Sand Land, Inc. Address: 12910 WCR 13 80504-0000 Longmont CO Contact: Christophe Telephone: (303) 666-6657 Varra Formation Name: Alluvium Geologic Age: Ouaternary County: Weld Lohmann Sand and Gravel Mine N R 67 W Section: 6 Qtr Sec: N Topo Map: Gowanda Primary Product: Sand and gravel Permit ID: M2001017 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: N/A Comments: Operator: L.G. Everist, Inc. Address: 7321 E. 88th Ave. Suite 200

Henderson 80640-0000

Contact: Mayer Lynn Telephone: (303) 287-4656

Formation Name: Alluvium Geologic Age: Quaternary

Longmont Distel Operations County: Weld

T 2 N R 68 W Section: 8 Qtr Sec: S Topo Map: Longmont Primary Product: Sand and gravel Permit ID: M1989029

2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: 500,000

Comments:

Operator: Aggregate Industries - WCR, Inc.

Address: 3605 S. Teller St.

Lakewood CO 80235-0000

Contact: Refer Mike Telephone: (303) 985-1070

Formation Name: Gravel Geologic Age: Quaternary 891 Lewis Farm Sand and Gravel Mine

N R 67 W Section: 13 Qtr Sec: SE Topo Map: Fort Lupton Primary Product: Sand and gravel Permit ID: M2000065

County: Weld

County: Weld

County: Weld

2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: None reported in 2002

Comments: Future mining

Operator: Aggregate Industries, West Central Region, Inc.

Address: 3605 S. Teller St.

> Lakewood CO 80235-0000

Refer Telephone: (303) 716-5304 Contact: Mike

Formation Name: Alluvium Geologic Age: Ouaternary

893 Loloff Mine

N R 65 W Section: 4 Qtr Sec: Topo Map: Greeley

Primary Product: Sand and gravel Permit ID: M1985112 Commodity Type: Aggregate 2nd Product:

3rd Product: Mine Type: Surface

Estimated Annual Production: None reported in 2002

Comments: Future mining

Operator: Aggregate Industries - WCR, Inc.

Address: 3605 S. Teller St.

> CO 80235-0000 Lakewood

Refer Mike Telephone: (303) 985-1070 Contact:

Formation Name: Gravel Geologic Age: Ouaternary

895 Longmont Operation

N R 68 W Section: 16 Qtr Sec: N Topo Map: Longmont Primary Product: Sand and gravel Permit ID: M1994027

2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: None reported in 2002

Comments: Future mining

Operator: Aggregate Industries - WCR, Inc.

Address: 3605 S. Teller St.

> Lakewood CO 80235-0000

Contact: Mike Telephone: (303) 985-1070 Refer

Formation Name: Alluvium Geologic Age: Quaternary

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County: Weld Milliken Resource T 4 N R 66 W Section: 8 Qtr Sec: S Topo Map: Millikin Primary Product: Sand and gravel Permit ID: M2000087 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Future mining Operator: Aggregate Industries, Inc. 3605 S. Teller St. Address: Lakewood CO 80235-0000 Refer Mike Telephone: (303) 985-1070 Contact: Formation Name: Alluvium Geologic Age: Ouaternary County: Weld Odenbaugh Pit No 1 N R 66 T 3 Section: 12 Qtr Sec: S Topo Map: Milton Reservoir Primary Product: Gravel Permit ID: M1993026 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Stanley & Shirley Odenbaugh Address: 16124 WCR 23 Platteville CO 80651-0000 Shirley Telephone: (970) 785-6181 Contact: Odenbuugh Formation Name: Alluvium Geologic Age: Ouaternary County: Weld 900 Perry Pit N | R | 66 | W | Section: 30 Qtr Sec: NE Topo Map: Fort Lupton Permit ID: M1990098 Primary Product: Sand and gravel Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface

Estimated Annual Production: Not disclosed

Comments:

Operator: Asphalt Paving Company Address: 14802 W. 44th Ave.

> Golden CO 80403-0000

Contact: Keller Jeff Telephone: (303) 279-6611

Geologic Age: Ouaternary Formation Name: Alluvium

North Weld Gravel

N R 65 W Section: 7 Qtr Sec: NE Topo Map: Antelope Reservoir T 8

Primary Product: Sand and gravel

Permit ID: M1976018

Geologic Age: Quaternary

County: Weld

County: Weld

County: Weld

2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: Intermittent production

Comments:

Operator: North Weld Gravel Address: 13480 WCR 100

> CO Nunn 80648-9700

Contact: Bellmore Lerov Telephone: (970) 897-2252

Formation Name: Gravel

Orchard Pit

N R 61 Section: 23 Qtr Sec: SE Topo Map: Masters

Primary Product: Gravel Permit ID: M1993009 2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: None reported in 2002

Comments: Shut-in

Operator: Sterling Redi-Mix Company

Address: P.O. Box 1908

Sterling CO 80751-0000

William Contact: Lauer Telephone: (970) 521-0651

Formation Name: Alluvium Geologic Age: Ouaternary

Phillip Camenisch Resource

T 2 N R 68 W Section: 10 Qtr Sec: S Topo Map: Gowanda Primary Product: Sand and gravel Permit ID: M1997093

2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: Not disclosed

Comments:

Operator: Andesite Rock Company Address: 7321 E. 88th Ave., Ste. 200

> Henderson CO 80640-0000

Contact: Mayer Lynn Telephone: (303) 287-4656

Formation Name: Alluvium Geologic Age: Ouaternary

Pit No. 1 County: Weld 902 N R 67 W Section: 31 Qtr Sec: N Topo Map: Gowanda Primary Product: Sand and gravel Permit ID: M1974052 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: 400,000 Comments: Operator: Varra Companies, Inc. Address: P.O. Box 2049 Broomfield CO 80038-2049 Contact: Christophe Telephone: (303) 666-6657 Varra Formation Name: Alluvium Geologic Age: Ouaternary County: Weld Poudre Tech Center 904 N R 67 W Section: 28 Qtr Sec: Topo Map: Windsor Primary Product: Sand and gravel Permit ID: M1990124 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Comments: Operator: Poudre Tech Aggregates, Inc. Address: 8200 Eastman Park Dr. Windsor CO 80550-0000 Contact: Lind Martin Telephone: (970) 686-5828 Formation Name: Alluvium Geologic Age: Ouaternary

Formation Name: Alluvium Geologic Age: Quaternary

906 S & H Mine County: Weld

906 S & H Mine

County: Weld

T 4 N R 67 W Section: 35 Qtr Sec: NE Topo Map: Millikin

Primary Product: Sand and gravel Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: None reported in 2002

Comments: New mine

Operator: Platte Sand & Gravel LLC

Address: P.O. Box 180

Littleton CO 80160-0000

Contact: Hoffschneider Rocky Telephone: (303) 274-4474

Formation Name: Alluvium Geologic Age: Ouaternary

903 Platte Valley Operation

T 1 N R 66 W Section: 30 Qtr Sec: S
Primary Product: Sand and gravel

Topo Map: Fort Lupton Permit ID: M1989120

Geologic Age: Quaternary

County: Weld

County: Weld

County: Weld

2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: 1,500,000

Comments:

Operator: Aggregate Industries - WCR, Inc.

Address: 3605 S. Teller St.

Lakewood CO 80235-0000

Contact: Refer Mike Telephone: (303) 985-1070

Formation Name: Alluvium

905 Riverview Resources

 T
 6
 N
 R
 66
 W
 Section: 32 Qtr Sec: N
 Topo Map: Bracewell
 Primary Product: Sand and gravel
 Permit ID: M1999098

2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: None reported in 2002

Comments: Future mining

Operator: Aggregate Industries - WCR, Inc.

Address: 3605 S. Teller St.

Lakewood CO 80235-0000

Contact: Refer Mike Telephone: (303) 985-1070

Formation Name: Alluvium Geologic Age: Quaternary

907 | Select Materials

N R 66 W Section: 1 Qtr Sec: S Topo Map: Hudson

Primary Product: Sand and gravel Permit ID: M1980205

2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: 61,750

Comments:

Operator: Select Materials Address: P. O. Box 280

Fort Lupton CO 80621-0000

Contact: Oman Robert Telephone: (303) 637-0178

Formation Name: Gravel Geologic Age: Quaternary

County: Weld Shaw Pit 908 T 2 N R 68 W Section: 20 Qtr Sec: NE Topo Map: Longmont Permit ID: M2001094 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: New mine Operator: Lafarge West, Inc. Address: 1400 W. 64th Ave. Denver CO 80221-0000 Telephone: (303) 657-4000 Contact: Reckentine Eric Formation Name: Alluvium Geologic Age: Quaternary County: Weld Stoneham Pit T 11 N R 57 W Section: 25 Qtr Sec: NE Topo Map: Vim School Primary Product: Sand and gravel Permit ID: M2002071 2nd Product: Borrow rock Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: New mine

Operator: Lafarge West, Inc.

Address: 1800 N. Taft Hill

80522-0000 Fort Collins CO

Goettemoeller Julie Telephone: (970) 407-3669 Contact:

Geologic Age: Quaternary Formation Name: Alluvium

County: Weld 912 Tucker Aggregate Pit T 11 N R 67 W Section: 5 Qtr Sec: Topo Map: Carr West

Primary Product: Sand and gravel Permit ID: M1980002 2nd Product: Commodity Type: Aggregate

Mine Type: Surface 3rd Product:

Estimated Annual Production: None reported in 2002

Comments: Shut-in

Operator: Varra Companies, Inc. Address: 12910 WCR 13

> 80504-0000 Longmont CO

Varra Christophe Telephone: (303) 666-6657 Contact:

Geologic Age: Quaternary Formation Name: Gravel

Smith Pit 909

T 4

N R 63 W Section: 5 Qtr Sec: NE Topo Map: Hardin

County: Weld

County: Weld

County: Weld

Primary Product: Borrow rock Permit ID: M2000043

Commodity Type: Aggregate 2nd Product:

3rd Product: Mine Type: Surface

Estimated Annual Production: None reported in 2002

Comments: Shut-in

Operator: Bemas Construction, Inc.

Address: 6890 Tuscon Wy

Englewood CO 80112-0000

Telephone: (303) 662-1877 Contact: Ames Larry

Formation Name: Alluvium Geologic Age: Quaternary

911 The Shores

T 2 N R 68 W Section: 1 Qtr Sec: Topo Map: Gowanda Primary Product: Sand and gravel Permit ID: M1998013

2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: 600,000

Comments:

Operator: Hall-Irwin Construction Co.

Address: P.O. Box 519

Greelev CO 80632-0000

Contact: McFarland Jim Telephone: (303) 654-1684

Formation Name: Alluvium Geologic Age: Ouaternary

913 Varra Pit No 5

T 3 N R 68 W Section: 36 Qtr Sec: S Topo Map: Gowanda Primary Product: Sand and gravel Permit ID: M1984110

2nd Product: Commodity Type: Aggregate

3rd Product: Mine Type: Surface

Estimated Annual Production: None reported in 2002

Comments: Shut-in

Operator: Siegrist Construction Company

Address: 875 W. 64th Ave.

80221-0000 Denver CO

Contact: Siegrist Mike Telephone: (303) 427-8472

Formation Name: Alluvium Geologic Age: Quaternary

County: Weld 914 Von Ohlen Pit T 3 N R 67 W Section: 31 Qtr Sec: SE Topo Map: Gowanda Primary Product: Gravel Permit ID: M1989128 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Varra Companies, Inc. Address: 12910 WCR 13 Longmont CO 80504-0000 Contact: Varra Christophe Telephone: (303) 666-6657 Formation Name: Alluvium Geologic Age: Ouaternary County: Yuma 916 || Mathies 22 T 5 N R 48 W Section: 22 Qtr Sec: N Topo Map: Clarkville Primary Product: Gravel Permit ID: M2000120 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Comments: Operator: Glen S. and Zenelda A. Mathies Address: 7329 CR 54 Yuma 80759-0000 CO Contact: Mathies Glen Telephone: (970) 848-2859 Formation Name: Ogallala-derived gravel Geologic Age: Tertiary County: Yuma 918 Ritchey Mine N R 43 Section: 6 Qtr Sec: Topo Map: Wrav Primary Product: Gravel Permit ID: M2001102 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Ritchey's Redi-Mix, Inc. Address: P.O. Box 334 80758-0334 Wray CO

915 Fryrear Gravel Pit N R 47 W Section: 2 Qtr Sec: S Topo Map: Clarkville NE Primary Product: Sand and gravel Permit ID: M1998071 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 36,000 Comments: Operator: Richard Fryrear Address: 8085 CR 13 Haxtun CO 80731-0000 Contact: Richard Telephone: (970) 774-6551 Frvrear Formation Name: Ogallala-derived gravel Geologic Age: Tertiary County: Yuma 917 Paulene R Cook N | R | 48 | W | Section: 31 Qtr Sec: NE Topo Map: Lone Star Permit ID: M1987090 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Comments: Operator: Paulene R Cook Address: 54283 CR D Yuma 80759-0000 CO Contact: Cook Paulene Telephone: (970) 848-2378 Formation Name: Ogallala-derived gravel Geologic Age: Tertiary County: Yuma Robb Mine 919 N R 44 W Section: 32 Qtr Sec: NE Topo Map: Robb Primary Product: Sand and gravel Permit ID: M2001058 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Ritchey's Redi-Mix, Inc. Address: P.O. Box 334 Wray 80758-0334 CO Contact: Ritchey Marvin Telephone: (970) 332-4355 Formation Name: Alluvium Geologic Age: Ouaternary

County: Yuma

Ritchev

Formation Name: Alluvium

Marvin

Telephone: (970) 332-4355

Geologic Age: Ouaternary

Contact:

County: Yuma 920 Wages Pit Weathers Mine #1 S R 48 W N R 46 W Т 1 Section: 15 Qtr Sec: S Topo Map: Fiddler Peak Section: 9 Qtr Sec: N Topo Map: De Nova NE Primary Product: Sand and gravel Permit ID: M1986056 Primary Product: Borrow rock Commodity Type: Aggregate 2nd Product: 2nd Product: Sand Commodity Type: Aggregate Mine Type: Surface 3rd Product: Clay 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: Intermittent production Comments: Looking for more rock and clay Comments: Operator: James P Brophy III Operator: Byron J. & LaLani R. Weathers Address: 200 Centennial Rd. Address: 11955 CR 37 Yuma CO 80759-0000 Yuma CO 80759-0000 Telephone: (970) 848-2725 Contact: James Contact: Brophy, Sr. Weathers Byron Telephone: (970) 848-2912 Formation Name: Ogallala-derived gravel Geologic Age: Tertiary Formation Name: Ogallala-derived gravel Geologic Age: Tertiary County: Yuma Wrav Redi Mix 923 **Adams Pit** S R 68 T 1 N R 44 W Topo Map: Wray T 2 W Topo Map: Arvada Section: 12 Otr Sec: NE Section: 30 Qtr Sec: SE Permit ID: M1982218 Primary Product: Sand and gravel Primary Product: Sand and gravel Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 600 Estimated Annual Production: Minimal Comments: Material being mined in berm between pits to consolidate for water storage Comments: reservoir Operator: Wray Redi Mix 1038 W 9th Operator: City of Thornton Address: Address: 9500 Civic Center Dr. Wray 80758-0000 CO Richard Thornton CO 80229-0000 Contact: Telephone: (970) 332-4868 Smith Bud Contact: Hart Telephone: (303) 255-7722 Formation Name: Alluvium Geologic Age: Ouaternary Formation Name: Alluvium Geologic Age: Ouaternary County: Adams 924 Debetz Pit Henderson Development S R 67 W Topo Map: Brighton T 1 S R 67 W Section: 26 Qtr Sec: N Section: 35 Qtr Sec: NE Topo Map: Brighton Primary Product: Sand and gravel Primary Product: Sand and gravel Permit ID: M1977283 Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Mine Type: Surface 3rd Product: Estimated Annual Production: Minimal Estimated Annual Production: Not disclosed Comments: Comments: Close to reclamation (government) Operator: E-470 Public Highway Authority Operator: Adams County Address: 22470 E. 6th Pkwv Address: 4955 E. 74th Ave. CO 80018-0000 Aurora Commerce City CO 80022-0000 Telephone: (303) 853-7003 Contact: Callis D. Michae Telephone: (303) 537-3470 Contact: Tessmer Craig Geologic Age: Quaternary Geologic Age: Ouaternary Formation Name: Alluvium Formation Name: Alluvium

County: Yuma

Permit ID: M1999089

County: Adams

Permit ID: M1977139

County: Adams

Permit ID: M1980110

(government)

(government)

County: Adams Medlin Gravel County: Adams 926 Henderson Industrial Pit T 2 S R 67 W Section: 3 Qtr Sec: NE S R 67 W Topo Map: Brighton Section: 12 Qtr Sec: N Topo Map: Brighton Primary Product: Sand and gravel Permit ID: M1980221 Primary Product: Sand and gravel Permit ID: M1983204 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: N/A Estimated Annual Production: 900,000 Comments: Comments: (government) Operator: Denver Water Department (government) Operator: Adams County Address: 1600 W. 12th Ave. Address: 9755 Henderson Rd. 80601-0000 CO 80204-0000 Brighton CO Denver Telephone: (306) 637-8000 Contact: H. Telephone: (303) 628-6000 Contact: Anderson Rick Barry Geologic Age: Ouaternary Formation Name: Alluvium Geologic Age: Ouaternary Formation Name: Alluvium County: Baca Sprat - Platte Ranch County: Adams Bill Eaton Pit #33 W S R 67 W S R 44 Section: 20 Qtr Sec: N T 31 Section: 36 Qtr Sec: N Topo Map: Walsh SE Topo Map: Commerce City Primary Product: Sand and gravel Permit ID: M1986146 Primary Product: Gravel Permit ID: M1999056 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: Minimal Estimated Annual Production: Intermittent production Comments: Comments: Material being mined in berm between pits to consolidate for water storage reservoir (government) Operator: Baca County Operator: City of Thornton (government) Address: 741 Main St. Address: 9500 Civic Center Dr. 81073-0000 Springfield CO CO 80229-0000 Thornton Contact: Ted Telephone: (719) 523-6532 Laslev Contact: Legg Andrew Telephone: (303) 255-7722 Formation Name: Alluvium Geologic Age: Ouaternary Formation Name: Alluvium Geologic Age: Ouaternary County: Baca County: Baca Gravel Pit No 13 931 Gravel Pit No 17 T 34 S R 43 W T 28 S R 48 W Section: 33 Qtr Sec: SE Section: 13 Qtr Sec: S Topo Map: Midway SW Topo Map: McEndree Ranch Primary Product: Sand and gravel Permit ID: M1977490 Primary Product: Sand and gravel Permit ID: M1981138 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Estimated Annual Production: Intermittent production Comments: Comments: Operator: Baca County (government) Operator: Baca County (government) 741 Main St. Address: 741 Main St. Address: Springfield 81073-0000 Springfield 81073-0000 CO CO Telephone: (719) 523-6532 Contact: Crane Ted Telephone: (719) 523-6532 Trov Contact: Lasley Formation Name: Ogallala-derived gravel Geologic Age: Tertiary Formation Name: Alluvium Geologic Age: Ouaternary

County: Baca County: Baca Gravel Pit No 23 Gravel Pit No 7 932 T 34 S R 48 W Section: 16 Qtr Sec: S T 30 S R 48 W Topo Map: Tubs Springs Section: 25 Qtr Sec: SE Topo Map: Harbord Primary Product: Sand and gravel Permit ID: M1985100 Permit ID: M1977484 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Estimated Annual Production: Intermittent production Comments: Comments: (government) Operator: Baca County Operator: Baca County (government) Address: 741 Main St. Address: 741 Main St. Springfield CO 81073-0000 Springfield 81073-0000 CO Contact: Lasley Ted Telephone: (719) 523-6532 Contact: Crane Trov Telephone: (719) 523-6532 Formation Name: Alluvium Geologic Age: Ouaternary Formation Name: Ogallala-derived gravel Geologic Age: Tertiary County: Baca Gravel Pit No 8 Gunkel Pit No 31 County: Baca 935 T 34 S R 48 W Qtr Sec: S T 28 S R 47 Topo Map: Big Rock Grange Section: 8 Topo Map: Tubs Springs Section: 29 Qtr Sec: N Primary Product: Sand and gravel Permit ID: M1977485 Primary Product: Gravel Permit ID: M1993088 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Estimated Annual Production: Intermittent production Comments: Comments: (government) Operator: Baca County Operator: Baca County (government) Address: 741 Main St. Address: 741 Main St. 81073-0000 81073-0000 Springfield CO Springfield CO Contact: Crane Troy Telephone: (719) 523-6532 Contact: Miller Ray Telephone: (719) 523-6532 Formation Name: Ogallala-derived gravel Geologic Age: Tertiary Formation Name: Ogallala-derived gravel Geologic Age: Tertiary County: Baca Mundell Estate No. 32 County: Baca 936 McVev Pit T 31 S R 50 W T 30 S R 42 W Section: 3 Qtr Sec: NE Section: 9 Qtr Sec: S Topo Map: Utleville Topo Map: Bartlett Primary Product: Sand and gravel Permit ID: M1978225L Primary Product: Gravel Permit ID: M1995019 Commodity Type: Aggregate 2nd Product: 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Estimated Annual Production: Intermittent production Comments: Comments: (government) Operator: Baca County Operator: Baca County (government) Address: 741 Main St. Address: 741 Main St. Springfield CO 81073-0000 Springfield CO 81073-0000 Troy Telephone: (719) 523-6532 Contact: Miller Ray Telephone: (719) 523-6532 Contact: Crane Formation Name: Ogallala-derived gravel Geologic Age: Tertiary Formation Name: Alluvium Geologic Age: Ouaternary

County: Baca County: Bent 938 Walsh Pit No. 2 939 **Bent County Pit** T 30 S R 43 W 22 S R 51 W Section: 30 Qtr Sec: N Section: 24 Qtr Sec: NE. Topo Map: Tree Top Ranch Topo Map: Tree Top Ranch Primary Product: Sand and gravel Permit ID: M1977479 Primary Product: Sand and gravel Permit ID: M1983178 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Estimated Annual Production: 10,000 Comments: Comments: Operator: Baca County (government) Operator: Bent County (government) Address: 741 Main St. Address: P.O. Box 350 Springfield CO 81073-0000 Las Animas CO 81054-0000 Contact: Miller Telephone: (719) 523-6532 Telephone: (719) 456-2223 Commissi Contact: Gary Pritchard Formation Name: Alluvium Geologic Age: Quaternary Formation Name: Gravel Geologic Age: Quaternary County: Bent County: Bent Limestone Creek Gravel Pit 941 Sniff Pit T 22 S R 49 W Section: 26 Qtr Sec: S T 22 | S | R | 49 w Topo Map: Hasty Section: 36 Qtr Sec: SE Topo Map: Prowers Primary Product: Gravel Permit ID: M2000112 Permit ID: M1987041 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 18,245 Estimated Annual Production: 350 Comments: Comments: Operator: Bent County (government) (government) Operator: Bent County Address: P.O. Box 350 Address: P.O. Box 350 Las Animas CO 81054-0350 81054-0350 Las Animas CO Contact: Pritchard Gary Telephone: (719) 456-2223 Contact: Pritchard Gary Telephone: (719) 456-2223 Formation Name: Gravel Geologic Age: Ouaternary Formation Name: Gravel Geologic Age: Ouaternary Verhoeff Pit No 2 County: Bent County: Boulder 942 943 Dickens Farm T 22 S R 49 W Section: 32 Qtr Sec: NE N R 69 lw| Topo Map: Hasty Section: 10 Qtr Sec: Topo Map: Longmont Primary Product: Sand and gravel Permit ID: M1992113 Permit ID: M1985197 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 17,761 Estimated Annual Production: Intermittent production Comments: Comments: Operator: City of Longmont Operator: Bent County (government) (government) Address: P.O. Box 350 Address: 350 Kimbark St. Las Animas CO 81054-0350 CO 80501-0000 Longmont Contact: Pritchard Gary Telephone: (719) 456-2223 Contact: Stoecker Mayor Leo Telephone: (303) 651-8601 Formation Name: Gravel Geologic Age: Quaternary Formation Name: Alluvium Geologic Age: Quaternary

Kenosha Ponds Mine County: Boulder County: Chaffee K O A Pit 944 945 N R 69 W Section: 12 Qtr Sec: NE Topo Map: Erie T 14 S R 78 W Section: 22 Qtr Sec: SE Topo Map: Buena Vista East Permit ID: M1994094 Primary Product: Sand and gravel Permit ID: M1986092 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: Minimal Estimated Annual Production: 512,000 Comments: Comments: (government) Operator: Chaffee County Operator: Boulder County (government) Address: 1288 Alaska Ave. Address: P.O. Box 699 Longmont CO 80501-0000 Salida CO 81201-0000 Dan Telephone: (303) 441-3962 Contact: Cheri Telephone: (719) 539-6961 Contact: Hershman Moore Formation Name: Alluvium Formation Name: Gravel Geologic Age: Quaternary Geologic Age: Ouaternary County: Chaffee Red Deer Pit County: Chaffee 946 Pit No 6 T 14 S R 78 W Topo Map: Buena Vista West T 14 S R 79 W Topo Map: Buena Vista West Section: 30 Qtr Sec: N Section: 15 Qtr Sec: SE Primary Product: Sand and gravel Permit ID: M1978192 Primary Product: Sand and gravel Permit ID: M1985049 Commodity Type: Aggregate Commodity Type: Aggregate 2nd Product: 2nd Product: 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: Not disclosed Estimated Annual Production: Minimal Comments: Pit expansion underway in 2002 Comments: Operator: Chaffee County Operator: Chaffee County (government) (government) Address: P.O. Box 699 Address: P.O. Box 699 Salida CO 81201-0000 Salida CO 81201-0000 Telephone: (719) 539-6961 Cheri Contact: Cheri Contact: Moore Telephone: (719) 539-6961 Moore Formation Name: Gravel Geologic Age: Ouaternary Formation Name: Gravel Geologic Age: Quaternary County: Chaffee Salida Pit Chevenne Cntv Pit 1 County: Chevenne 949 T 49 N R 9 E Section: 8 Qtr Sec: N T 14 S R 44 W Topo Map: Salida West Section: 12 Qtr Sec: N Topo Map: Cheyenne Wells Primary Product: Sand and gravel Permit ID: M1985091 Primary Product: Sand and gravel Permit ID: M1983105 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: Minimal Comments: Comments: Shut-in Operator: Chaffee County (government) Operator: Chevenne County (government) Address: P.O. Box 699 Address: P.O. Box 567 Salida CO 81201-0000 Chevenne Wells CO 80810-0000 Contact: Cheri Telephone: (719) 539-6961 Contact: Telephone: (719) 767-5872 Moore Crowell Lara Formation Name: Gravel Geologic Age: Ouaternary Geologic Age: Quaternary Formation Name: Eolian sand

County: Chevenne Don Allen Pit County: Chevenne 950 F G Ackerman Pit 951 T 13 S R 42 W Section: 7 Qtr Sec: SE T 14 S R 43 W Section: 34 Qtr Sec: SF Topo Map: Arapahoe NW Topo Map: Arapahoe Primary Product: Gravel Permit ID: M1997013 Primary Product: Sand and gravel Permit ID: M1987099 2nd Product: 2nd Product: Commodity Type: Aggregate Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 6.500 Estimated Annual Production: 6.500 Comments: Comments: Operator: Chevenne County (government) Operator: Cheyenne County (government) Address: P.O. Box 567 Address: P.O. Box 567 Chevenne Wells CO 80810-0000 Chevenne Wells CO 80810-0000 Contact: Crowell Lara Telephone: (719) 767-5872 Telephone: (719) 767-5872 Contact: Crowell Lara Formation Name: Eolian sand Formation Name: Eolian sand Geologic Age: Ouaternary Geologic Age: Quaternary County: Cheyenne County: Chevenne 952 Ferris Pit 953 Ferris Pit T 16 S R 51 W Topo Map: Galatea NE T 16 S R 51 W Section: 28 Qtr Sec: NE Section: 28 Qtr Sec: NE Topo Map: Galatea NE Primary Product: Gravel Permit ID: M1991073 Primary Product: Sand and gravel Permit ID: M1988014 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 9,490 Estimated Annual Production: None reported in 2002 Comments: Comments: Shut-in Operator: Kiowa County (government) (government) Operator: Cheyenne County Address: P.O. Box 100 Address: P.O. Box 567 Eads 81036-0000 CO Cheyenne Wells CO 80810-0000 Contact: Spady Rick Telephone: (719) 438-5810 Contact: Crowell Telephone: (719) 767-5872 Lara Formation Name: Gravel Geologic Age: Ouaternary Formation Name: Gravel Geologic Age: Ouaternary County: Cheyenne County: Chevenne 954 Gerstner Pit Jolly Pit #2 955 T 13 S R 43 T 12 S R 48 W Section: 36 Qtr Sec: NE Topo Map: Arapahoe NW Section: 10 Qtr Sec: NE Topo Map: Stratton 3 SE Primary Product: Sand and gravel Permit ID: M2002005 Primary Product: Gravel Permit ID: M1999009 2nd Product: Commodity Type: Aggregate Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: 1.250 Comments: Shut-in Comments: Operator: Chevenne County (government) Operator: Chevenne County (government) Address: 51 South 1st Address: P.O. Box 567 Chevenne Wells CO 80810-0000 Chevenne Wells CO 80810-0000 Contact: Rehfeld Commissi Telephone: (719) 767-5872 Contact: Crowell Lara Telephone: (719) 767-5872 Formation Name: Eolian sand Geologic Age: Quaternary Formation Name: Eolian sand Geologic Age: Ouaternary

County: Chevenne County: Cheyenne Lowe Pit #4 957 Marvin Lowe Pit 1 956 T 13 S R 45 W T 14 S R 46 W Section: 11 Qtr Sec: SE Section: 25 Qtr Sec: N Topo Map: Firstview Topo Map: Cheyenne Wells NW Permit ID: M1998078 Primary Product: Gravel Permit ID: M1987118 Primary Product: Gravel Commodity Type: Aggregate Commodity Type: Aggregate 2nd Product: 2nd Product: Mine Type: Surface 3rd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: 600 Estimated Annual Production: 1.100 Comments: Comments: Operator: Chevenne County (government) Operator: Chevenne County (government) Address: P.O. Box 567 Address: P.O. Box 567 Chevenne Well CO 80810-0000 Chevenne Wells CO 80810-0000 Crowell Telephone: (719) 767-5872 Contact: Crowell Lara Telephone: (719) 767-5872 Contact: Lara Formation Name: Ogallala-derived gravel Geologic Age: Tertiary Formation Name: Eolian sand Geologic Age: Quaternary County: Cheyenne Marvin Lowe Pit No 3 County: Chevenne 958 959 Milton Smith Pit T 14 S R 45 T 14 S R 46 W Section: 25 Qtr Sec: NE Topo Map: Firstview Section: 12 Qtr Sec: Topo Map: Chevenne Wells SW Primary Product: Gravel Permit ID: M1995042 Primary Product: Gravel Permit ID: M1991045 2nd Product: 2nd Product: Commodity Type: Aggregate Commodity Type: Aggregate Mine Type: Surface 3rd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: None reported in 2002 Estimated Annual Production: None reported in 2002 Comments: Shut-in Comments: Shut-in Operator: Cheyenne County (government) Operator: Chevenne County (government) Address: P.O. Box 567 Address: P.O. Box 567 Chevenne Wells CO 80810-0000 Chevenne Wells CO 80810-0000 Telephone: (719) 767-5872 Crowell Lara Contact: Crowell Contact: Lara Telephone: (719) 767-5872 Formation Name: Ogallala-derived gravel Geologic Age: Tertiary Formation Name: Eolian sand Geologic Age: Ouaternary County: Cheyenne County: Chevenne 960 Munsch Pit 961 Pit No 2 T 15 S R 44 W T 14 S R 50 W Section: 8 Qtr Sec: N Topo Map: Cheyenne Wells Section: 22 Qtr Sec: NE Topo Map: Sorrento Permit ID: M1983106 Primary Product: Sand and gravel Permit ID: M2000018 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: 3rd Product: Mine Type: Surface Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: 250 Comments: Comments: Shut-in (government) **Operator:** Cheyenne County Operator: Cheyenne County (government) Address: P.O. Box 567 Address: P.O. Box 567 Cheyenne Wells CO 80810-0000 Cheyenne Wells CO 80810-0000 Telephone: (719) 767-5872 Telephone: (719) 767-5872 Contact: Crowell Lara Contact: Crowell Lara

Formation Name: Pierre Shale

Geologic Age: Cretaceous

Geologic Age: Ouaternary

Formation Name: Eolian sand

County: Conejos County: Coneios La Florida Grav Pit || Alamosa County Pit No. 1 T 32 N R 10 E T 36 N R 8 E Section: 6 Qtr Sec: NE Topo Map: Lobatos Section: 4 Qtr Sec: SE Topo Map: Waverley Primary Product: Sand and gravel Permit ID: M2001108 Primary Product: Sand and gravel Permit ID: M1987097 2nd Product: Commodity Type: Aggregate Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 50,000 Estimated Annual Production: 19,700 Comments: Comments: (government) Operator: Alamosa County (government) Operator: Conejos County Address: P.O. Box 178 Address: 6683 County Rd. 13 CO CO 81129-0000 Alamosa 81101-0000 Conejos Contact: West Phil Telephone: (719) 589-3841 Contact: Bob Telephone: (719) 376-5772 Lucero Geologic Age: Quaternary-Tertiary Formation Name: Gravel and sand Geologic Age: Ouaternary-Tertiary Formation Name: Gravel and sand County: Costilla San Acacio Gravel Pit County: Costilla Sierra Grande Site 965 N R 73 W S R 72 W Topo Map: Fort Garland Section: 28 Qtr Sec: Topo Map: San Acaio T 30 Section: 20 Qtr Sec: N Primary Product: Gravel Primary Product: Sand and gravel Permit ID: M1994103 Permit ID: M1999024 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: 9,100 Estimated Annual Production: N/A Comments: Comments: Operator: Costilla County (government) Operator: Costilla County (government) Address: P.O. Box 100 Address: P.O. Box 100 San Luis 81552-0000 San Luis CO 81152-0000 CO Contact: Contact: Elizabeth Telephone: (719) 672-3372 Valdez Mathew Telephone: (719) 672-3372 Pacheco Formation Name: Gravel Formation Name: Gravel Geologic Age: Ouaternary Geologic Age: Quaternary County: Crowley 966 Crowlev Cnty Grav 2 County: Crowley Peters Pit 967 T 20 S R 55 T 22 S R 58 W Topo Map: Olney Springs Topo Map: Todd Point Section: 7 Qtr Sec: S Section: 25 Qtr Sec: SE Permit ID: M1991078 Primary Product: Sand and gravel Permit ID: M1982126 Primary Product: Gravel 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: 1.950 Estimated Annual Production: 5,000 Comments: Comments: Operator: Kiowa County (government) Operator: Crowley County (government) 603 Main St. Ste. 2 Address: P.O. Box 100 Address: Ordway CO 81063-0000 Eads CO 81036-0000 Contact: Rick Telephone: (719) 438-5810 Harris Deana Telephone: (719) 267-3248 Contact: Spady Formation Name: Alluvium Formation Name: Gravel Geologic Age: Quaternary Geologic Age: Quaternary

County: Custer County: Custer **Custer County Pit 2** Gravel Pit M-093 968 969 T 22 S R 72 W T 23 S R 72 W Section: 7 Qtr Sec: N Topo Map: Westcliffe Section: 3 Qtr Sec: NE Topo Map: Aldrich Gulch Permit ID: M1981190 Primary Product: Gravel Permit ID: M1995026 Primary Product: Sand and gravel Commodity Type: Aggregate Commodity Type: Aggregate 2nd Product: 2nd Product: 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: Intermittent production Comments: Comments: Shut-in Operator: Custer County (government) (government) Operator: Custer County Address: P.O. Box 1669 Address: P.O. Box 1669 Westcliffe CO 81252-0000 Westcliffe CO 81252-0000 Gary Telephone: (719) 783-0391 Contact: Havens Gary Telephone: (719) 783-2281 Contact: Havens Formation Name: Gravel Geologic Age: Ouaternary Geologic Age: Ouaternary Formation Name: Gravel County: Custer County: Delta Weigel Pit 4-D Gravel Pit Section: 3 Otr Sec: NE Topo Map: Wetmore T 15 S R 92 W T 22 S R 69 W Section: 14 Qtr Sec: S Topo Map: Grand View Mesa Permit ID: M1987059 Primary Product: Sand and gravel Permit ID: M2002048 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate Mine Type: Surface Mine Type: Surface 3rd Product: 3rd Product: Estimated Annual Production: None reported in 2002 Estimated Annual Production: 130,000 (projected) Comments: Comments: Shut-in Operator: Delta County Operator: Custer County (government) (government) Address: P.O. Box 1669 Address: 501 Palmer St., Ste. 227 CO 81416-0000 Westcliffe CO 81252-0000 Delta Clark Telephone: (970) 874-2100 Gary Telephone: (719) 783-2281 Contact: Ralph Contact: Havens Formation Name: Alluvium Geologic Age: Ouaternary Formation Name: Alluvium Geologic Age: Quaternary County: Delta Ellison Pit County: Delta 972 Antelope Hill Pit T 14 S R 94 W T 15 S R 95 W Section: 22 Qtr Sec: N Section: 30 Qtr Sec: NE. Topo Map: Orchard City Topo Map: Delta Primary Product: Sand and gravel Permit ID: M1978172 Primary Product: Sand and gravel Permit ID: M1978170 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: None reported in 2002 Comments: Shut-in Comments: Shut-in (government) Operator: Delta County (government) Operator: Delta County Address: 501 Palmer St., Ste. 227 Address: 501 Palmer St., Ste. 227 Delta CO 81416-0000 Delta CO 81416-0000 Contact: Telephone: (970) 874-2100 Contact: Record Telephone: (970) 874-2100 Record Larry Larry Geologic Age: Ouaternary Formation Name: Gravel Geologic Age: Ouaternary Formation Name: Alluvium

County: Delta County: Delta Escalante Canvon Pit Lemoine Gravel Pit S R 3 E T 14 S R 92 W Т 4 Section: 34 Qtr Sec: S Topo Map: Dominguez Section: 20 Qtr Sec: SF Topo Map: Hotchkiss Primary Product: Sand and gravel Permit ID: M1979121 Primary Product: Sand and gravel Permit ID: M1979140 Commodity Type: Aggregate 2nd Product: 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: None reported in 2002 Estimated Annual Production: None reported in 2002 Comments: Shut-in Comments: Shut-in Operator: Delta County (government) Operator: Delta County (government) Address: 501 Palmer St., Ste. 227 Address: 501 Palmer St., Ste. 227 Delta CO 81416-0000 Delta CO 81416-0000 Telephone: (970) 874-2100 Contact: Telephone: (970) 874-2100 Contact: Record Larry Record Larry Formation Name: Gravel Formation Name: Alluvium Geologic Age: Ouaternary Geologic Age: Ouaternary County: Delta County: Delta Pig Mesa Pit 976 Triantos Gravel Pit T | 15 | S | R | 95 | W | T 15 S R 96 W Section: 4 Qtr Sec: NE Topo Map: North Delta Section: 21 Qtr Sec: S Topo Map: Roubideau Primary Product: Sand and gravel Permit ID: M1978168 Primary Product: Sand and gravel Permit ID: M1978304 Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: Several thousand Comments: Only open to complete road graveling job Comments: Shut-in Operator: Delta County (government) Operator: Delta County (government) Address: 501 Palmer St., Ste. 227 Address: 501 Palmer St., Ste. 227 81416-0000 Delta CO Delta CO 81416-0000 Telephone: (970) 874-2100 Telephone: (970) 874-2100 Contact: Record LArry Contact: Record Larry Geologic Age: Ouaternary Formation Name: Alluvium Geologic Age: Ouaternary Formation Name: Alluvium County: Dolores County: Dolores **Bartley Gravel Pit** Black Snag T 42 N R 16 T 40 N R 19 W Section: 15 Qtr Sec: SE Topo Map: Champagne Spring W Section: 25 Qtr Sec: Topo Map: Glade Mountain Primary Product: Sand and gravel Primary Product: Gravel Permit ID: M1995010 Permit ID: M1984155 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: None reported in 2002 Comments: Shut-in Comments: Shut-in Operator: Dolores County (government) Operator: Dolores County (government) Address: P.O. Box 608 Address: P.O. Box 608 81324-0000 Dove Creek CO 81324-0000 Dove Creek CO Contact: Huskey Tim Telephone: (970) 677-2328 Contact: Huskey Tim Telephone: (970) 677-2328

Formation Name: Alluvium

Geologic Age: Ouaternary

Geologic Age: Ouaternary

Formation Name: Alluvium

County: Dolores **Ormiston Gravel Pit** 980 T 39 N R 17 W Section: 16 Qtr Sec: NE Topo Map: Doe Canyon Primary Product: Sand and gravel Permit ID: M1999077 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 78,000 Comments: (government) Operator: Montezuma County Address: 1680 Hwy 145 Cortez CO 81321-0000 Contact: Everett Llovd Telephone: (970) 565-8666 Formation Name: Alluvium Geologic Age: Ouaternary County: Eagle Dotsero Cinder Pit T 4 | S | R | 86 | W Topo Map: Dotsero Section: 33 Qtr Sec: SE Primary Product: Basalt Permit ID: M1979155 Commodity Type: Aggregate 2nd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Colorado Division of Highways (government) Address: 4340 E. Louisiana Ave. 80222-0000 Denver CO Eric Telephone: (303) 757-9269 Contact: Prieve Formation Name: Basalt flows Geologic Age: Ouaternary County: El Paso Clear Spring Ranch Pit Section: 20 Qtr Sec: S Topo Map: Fountain T 16 S R 65 W Primary Product: Gravel Permit ID: M1992074 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 37,000 Comments: Operator: City of Colorado Springs (government)

08094-7000

Telephone: (719) 668-8672

Geologic Age: Ouaternary

Rebecca

County: Douglas Spring Canvon Gravel 981 T 9 S R 68 W Section: 9 Qtr Sec: SE Topo Map: Devils Head Primary Product: Gravel Permit ID: M1991046 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Perry Park Metropolitan Dist (government) Address: c/o Collins Cockrel and Cole Denver CO 08022-8000 Contact: Worley Keith Telephone: (303) 986-1551 Formation Name: Alluvium Geologic Age: Ouaternary County: Eagle 983 Schmidt Gypsum Ranch S R 85 w Section: 4 Qtr Sec: T 5 Topo Map: Gypsum Primary Product: Sand and gravel Permit ID: M1978220 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Eagle County - Airport (government) Address: P.O. Box 850 CO 81631-0000 Eagle Telephone: (970) 524-8246 Contact: James Elwood Formation Name: Gravel Geologic Age: Ouaternary Continental Pit No 1 County: El Paso T 15 S R 66 W Section: 4 Qtr Sec: N Topo Map: Colorado Springs Permit ID: M1977312 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Colorado Springs Utilities, Water Resources (government) Address: 121 S. Tejon St. Colorado Spring CO 80947-0940 Telephone: (719) 668-8673 Contact: Thomason Keith Formation Name: Alluvium Geologic Age: Ouaternary

Contact:

Address: P.O. Box 1103 Mail Code 940

Davies

Formation Name: Alluvium

Colorado Spring CO

Allison Gravel Pit County: Elbert County: Elbert 986 Asheraft Pit T 11 S R 59 W Section: 2 Qtr Sec: T 11 S R 58 W Topo Map: Matheson SW Section: 28 Qtr Sec: N Topo Map: Matheson SW Primary Product: Sand and gravel Permit ID: M2001010 Primary Product: Sand and gravel Permit ID: M1985093 2nd Product: Commodity Type: Aggregate Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: 65,000 Comments: New mine Comments: Operator: Elbert County (government) Operator: Elbert County (government) Address: 809 Ute Ave. Address: 809 Ute Ave. CO 80835-0000 Simla Simla CO 80835-0000 Telephone: (719) 541-2268 Telephone: (719) 541-2268 Contact: Sheridan Tim Contact: Marilyn Spruch Formation Name: Gravel Formation Name: Gravel Geologic Age: Ouaternary Geologic Age: Quaternary County: Elbert County: Elbert Belveal Gravel Pit Elbert County Pit 989 T 13 S R 58 W Section: 6 Qtr Sec: S R 64 W Topo Map: Kutch NW Section: 27 Qtr Sec: S Topo Map: Elbert Primary Product: Sand and gravel Permit ID: M2001056 Primary Product: Sand and gravel Permit ID: M1985129 2nd Product: Commodity Type: Aggregate Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: 100,000 Comments: New mine Comments: Operator: Elbert County (government) Operator: Elbert County (government) Address: 809 Ute Ave Address: 215 Comanche 80835-0000 Simla CO Kiowa CO 80117-0000 Contact: Sheridan Tim Telephone: (719) 541-2268 Contact: DooT Telephone: (303) 621-3153 Ramer Formation Name: Gravel Geologic Age: Ouaternary Formation Name: Alluvium Geologic Age: Quaternary County: Elbert County: Elbert Fondis Pit Hertneky Pit T 10 S R 62 W Qtr Sec: SE T 10 S R 62 W Section: 4 Topo Map: Fondis Section: 12 Qtr Sec: S Topo Map: Fondis Primary Product: Sand and gravel Permit ID: M1988101 Primary Product: Sand and gravel Permit ID: M1985094 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: 39,000 Comments: Shut-in Comments: Operator: Elbert County (government) Operator: Elbert County (government) Address: 809 Ute Address: 809 Ute Ave. Simla 80835-0000 Simla 80835-0000 CO CO Telephone: (719) 541-2268 Telephone: (719) 541-2268 Contact: Sproch Marilyn Contact: Spruch Marilyn Formation Name: Alluvium Formation Name: Alluvium Geologic Age: Ouaternary Geologic Age: Ouaternary

County: Elbert County: Elbert West Pit Thompson Pit 3-2-82 992 T 13 S R 59 S R 60 W w Section: 27 Qtr Sec: N Topo Map: Cattle Gulch Section: 18 Qtr Sec: NE Topo Map: Holtwood Store Permit ID: M1982211 Primary Product: Sand and gravel Permit ID: M1983130 Primary Product: Sand and gravel Commodity Type: Aggregate Commodity Type: Aggregate 2nd Product: 2nd Product: 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: 65,000 Comments: Shut-in Comments: Operator: Elbert County Operator: Elbert County (government) (government) Address: 809 Ute Ave. Address: 809 Ute Ave. Simla CO 80835-0000 Simla CO 80835-0000 Contact: Contact: Spruch Marilyn Telephone: (719) 541-2268 Sproch Marilyn Telephone: (719) 541-2268 Formation Name: Alluvium Geologic Age: Quaternary Formation Name: Gravel Geologic Age: Ouaternary County: Fremont County: Fremont Coaldale Gravel Pit Cottonwood Pit w T 47 N R 11 E Section: 5 Otr Sec: NE Topo Map: Coaldale T 16 S R 73 Section: 36 Qtr Sec: SE Topo Map: Gribble Mtn Permit ID: M1986010 Primary Product: Sand and gravel Permit ID: M1978096 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: 11,000 Estimated Annual Production: None reported in 2002 Comments: Comments: Operator: Fremont County Operator: Fremont County (government) (government) Address: Fremont County Commissioners Address: Fremont County Commissioners CO 81212-0000 Canon CIty CO 81212-0000 Canon City Contact: Garrett Paul Telephone: (719) 276-7320 Contact: Stone Curtis Telephone: (719) 276-7320 Formation Name: Gravel Formation Name: Gravel Geologic Age: Ouaternary Geologic Age: Quaternary County: Fremont County: Fremont Howard Pit #1 & #2 **Indian Springs Park Pit** T 48 N R 10 E T 19 S R 73 W Section: 36 Qtr Sec: SE Section: 6 Qtr Sec: SE Topo Map: Wellsville Topo Map: McIntyre Hills Permit ID: M1999033 Primary Product: Gravel Primary Product: Gravel Permit ID: M2001087 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 4,000 Estimated Annual Production: 5.000 Comments: Comments: (government) Operator: Fremont County (government) Operator: Fremont County Address: 615 Macon Ave., Room #105 Address: 615 Macon Ave. Canon City CO 81212-0000 Canon City 81212-0000 Telephone: (719) 276-7320 Contact: Rall Commissi Telephone: (719) 275-1515 Contact: Geologic Age: Quaternary Formation Name: Gravel Geologic Age: Ouaternary Formation Name: Gravel

Oak Creek Gravel Pit Iron Mountain Road Gravel Pit County: Fremont County: Fremont T 19 S R 72 W T 20 S R 71 w Section: 32 Qtr Sec: N Section: 23 Qtr Sec: Topo Map: Iron Mountain Topo Map: Curley Peak Primary Product: Gravel Primary Product: Gravel Permit ID: M1989084 Permit ID: M1994092 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: Estimated Annual Production: 19,500 13,000 Comments: Comments: Operator: Fremont County (government) Operator: Fremont County (government) Address: Fremont County Commissioners Address: Fremont County Commissioners CO CO 81212-0000 Canon City 81212-0000 Canon City Paul Oscar Telephone: (719) 276-7320 Contact: Garrett Telephone: (719) 276-7320 Contact: Lee Formation Name: Gravel Formation Name: Gravel Geologic Age: Ouaternary Geologic Age: Ouaternary County: Fremont 1000 Ouargmire Creek County: Fremont 1001 | Stirrup Pit Section: 21 Qtr Sec: NE T 49 N R 11 E Section: 2 Otr Sec: NE Topo Map: Waugh Mountain T 51 N R 12 E Topo Map: Black Mtn. Primary Product: Gravel Permit ID: M1990047 Primary Product: Gravel Permit ID: M1990138 Commodity Type: Aggregate 2nd Product: 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: 2,500 Estimated Annual Production: 10,000 Comments: Comments: (government) Operator: Fremont County Operator: Fremont County (government) Address: Fremont County Commissioners Address: Fremont County Commissioners Canon City CO 81212-0000 Canon City CO 81212-0000 Telephone: (719) 276-7320 Contact: Paul Contact: Curtis Telephone: (719) 276-7320 Garrett Stone Geologic Age: Quaternary Formation Name: Gravel Formation Name: Gravel Geologic Age: Quaternary County: Garfield Union Hill Gravel Pit County: Fremont 1003 BLM Burnt Shale Pit T 19 S R 69 W S R 102 W Section: 9 Qtr Sec: N Topo Map: Howard Canyon Section: 15 Qtr Sec: N Topo Map: Florence Primary Product: Gravel Permit ID: M2000056 Primary Product: Sandstone Permit ID: M1985170 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: None reported in 2002 Comments: Shut-in Comments: Shut-in (government) (government) Operator: Fremont County Operator: Colorado Division of Highways Address: Fremont County Commissioners Address: 4340 E. Louisiana Ave. 80222-0000 Canon City CO 81212-0000 Denver CO Contact: Contact: Eric Telephone: (303) 757-9269 Telephone: (719) 276-7320 Prieve Geologic Age: Cretaceous Formation Name: Alluvium Geologic Age: Ouaternary Formation Name: Sego Sandstone

County: Grand 1005 | BLM Pit County: Grand 1004 Benson Pit S R 76 W Section: 13 Qtr Sec: N T 2 N R 80 W Section: 35 Qtr Sec: Topo Map: Fraser Topo Map: Junction Butte Primary Product: Sand and gravel Permit ID: M1977256 Primary Product: Sand and gravel Permit ID: M1978292 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: None reported in 2002 Comments: Shut-in Comments: Shut-in Operator: Grand County Operator: Grand County (government) (government) Address: 467 E. Topaz Ave. Address: 467 E. Topaz Ave. CO 80446-0000 Granby Granby CO 80446-0000 Telephone: (970) 887-2123 Contact: Branstetter M Telephone: (970) 887-2123 Contact: Branstetter М Formation Name: Gravel Geologic Age: Ouaternary Formation Name: Alluvium Geologic Age: Quaternary 1006 Borrow Area C County: Grand 1007 Granby Airport Pit County: Grand N R 76 W T 2 N R 76 W Topo Map: Trail Mountain T 2 Section: 17 Qtr Sec: Topo Map: Granby Section: 33 Qtr Sec: Primary Product: Sand and gravel Permit ID: M1981086 Primary Product: Sand and gravel Permit ID: M1977254 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: 48,100 Estimated Annual Production: None reported in 2002 Comments: Comments: Shut-in Operator: N Colo Water Conservancy Dist (government) Operator: Grand County (government) Address: P.O. Box 679 467 E. Topaz Ave. Address: Loveland CO 80539-0000 CO Granby 80446-0000 Contact: Westbrook Jerry Telephone: (970) 667-2437 Contact: Telephone: (970) 887-2123 Branstetter M Formation Name: Alluvium Geologic Age: Ouaternary Formation Name: Gravel Geologic Age: Ouaternary County: Grand County: Grand 1008 Grand Cntv No 201 aka Scholl Gravel 1009 Grand Gravel Pit N R 79 W N R 80 W Section: 12 Qtr Sec: SE Section: 8 Qtr Sec: Topo Map: Junction Butte Topo Map: Junction Butte Primary Product: Sand and gravel Permit ID: M1984156 Primary Product: Gravel Permit ID: M1998019 Commodity Type: Aggregate 2nd Product: 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: None reported in 2002 Comments: Shut-in Comments: Shut-in Operator: Grand County Operator: Grand Gravel (government) (government) Address: 467 E. Topaz Ave. Address: P.O. Box 566 Hotchkiss CO 81419-0000 Granby CO 80446-0000 Telephone: (970) 887-2123

Contact:

Curry

Formation Name: Gravel

Richard

Telephone: (970) 872-3545

Geologic Age: Quaternary

Branstetter

Formation Name: Alluvium

M

Geologic Age: Ouaternary

Contact:

County: Grand County: Grand 1010 | Inspiration Point 1011 Kremmling Airport T 1 S R 81 W T 1 N R 80 W Section: 16 Qtr Sec: N Section: 17 Qtr Sec: S Topo Map: Sheephorn Mountain Topo Map: Junction Butte Permit ID: M1978143 Primary Product: Gravel Permit ID: M1995004 Primary Product: Sand and gravel Commodity Type: Aggregate Commodity Type: Aggregate 2nd Product: 2nd Product: 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: 82,758 Comments: Shut-in Comments: (government) Operator: Grand County (government) Operator: Grand County Address: 467 E. Topaz Ave. Address: 467 E. Topaz Ave. Granby CO 80446-0000 Granby CO 80446-0000 Contact: M Telephone: (970) 887-2123 Contact: M Telephone: (970) 887-2123 Branstetter Branstetter Formation Name: Alluvium Formation Name: Alluvium Geologic Age: Quaternary Geologic Age: Ouaternary County: Grand 1013 | Williams Fork No 1 County: Grand 1012 | Riprap Quarry Area N R 76 W Section: 8 Qtr Sec: SE N R 78 W Section: 30 Qtr Sec: SE Topo Map: Parshall Topo Map: Trail Mountain Primary Product: Basalt Permit ID: M1981085 Primary Product: Sand and gravel Permit ID: M1978180 2nd Product: Commodity Type: Aggregate Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: Intermittent production Comments: Comments: Shut-in Operator: N Colo Water Conservancy Dist (government) Operator: Grand County (government) Address: P.O. Box 679 Address: 467 E. Topaz Ave. Loveland CO 80539-0000 Granby CO 80446-0000 Telephone: (970) 667-2437 Contact: Westbrook Jerry Contact: M Telephone: (970) 887-2123 Branstetter Formation Name: Basalt flows Geologic Age: Pliocene-Miocene Formation Name: Gravel Geologic Age: Ouaternary County: Grand County: Gunnison 1014 | Williams Fork Pit 2 1015 Mountain View Pit |S | R | 79 | W | T 14 S R 86 W Section: 2 Qtr Sec: SE Section: 24 Qtr Sec: SE Topo Map: Battle Mountain Topo Map: Crested Butte Primary Product: Sand and gravel Permit ID: M1977255 Primary Product: Sand and gravel Permit ID: M1981002 2nd Product: 2nd Product: Commodity Type: Aggregate Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: None reported in 2002 Comments: Shut-in Comments: Shut-in Operator: Grand County (government) Operator: Town of Crested Butte (government) Address: Address: 507 Marroon Ave. 467 E. Topaz Ave. 81224-0000 Granby CO 80446-0000 Crested Butte CO William Contact: Branstetter M Telephone: (970) 887-2123 Contact: Crank Telephone: (970) 349-5338

Geologic Age: Ouaternary

Formation Name: Glacial drift

Geologic Age: Quaternary

Formation Name: Gravel

County: Gunnison County: Gunnison Taramarcaz Pit 1016 Nicolas Pit 1017 T 47 N R 6 W T 48 N R 3 E Section: 2 Qtr Sec: NF Topo Map: Lost Lake Section: 2 Qtr Sec: N Topo Map: Dovleville Permit ID: M1991104 Primary Product: Gravel Primary Product: Sand and gravel Permit ID: M1985072 2nd Product: Borrow rock Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: 2.500 Estimated Annual Production: 1.500 Comments: Comments: (government) Operator: Gunnison County (government) Operator: Gunnison County Address: 811 Rio Grande Address: 811 Rio Grande CO 81230-0000 CO 81230-0000 Gunnison Gunnison Contact: Marlene Telephone: (970) 641-0044 Contact: Crosby Marlene Telephone: (970) 641-0044 Crosby Formation Name: Alluvium Geologic Age: Ouaternary Formation Name: Alluvium Geologic Age: Ouaternary County: Hinsdale 1018 | Spring Creek Pass 1019 | Andreatta Pit County: Huerfann T 42 N R 3 T 30 IS IR 67 W Section: 35 Qtr Sec: SE Topo Map: Hermit Lakes Section: 4 Qtr Sec: N Topo Map: Spanish Peaks Permit ID: M1996007 Primary Product: Sand and gravel Primary Product: Sand and gravel Permit ID: M1991006 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Estimated Annual Production: 494 Comments: Comments: (government) Operator: Huerfano County Operator: Colorado Department of Transportation (government) Address: 4340 E. Louisiana Ave. Address: 401 Main St., Ste 105 80222-0000 Denver CO Walsenburg CO 81089-2045 Telephone: (303) 757-9269 Telephone: (719) 738-2420 Contact: Prieve Eric Contact: Brunelli Bill Formation Name: Glacial drift Geologic Age: Quaternary Formation Name: Alluvium Geologic Age: Quaternary 1020 | Cisneros Pit II County: Huerfano 1021 Hribar Pit County: Huerfano T 26 S R 67 W Section: 35 Qtr Sec: NE T 27 S R 70 W Section: 18 Qtr Sec: NE Topo Map: Red Wing Topo Map: Walsenburg North Permit ID: M1998066 Primary Product: Sand and gravel Permit ID: M1991065 Primary Product: Sand and gravel 2nd Product: 2nd Product: Commodity Type: Aggregate Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Estimated Annual Production: Intermittent production Comments: Comments: Operator: Huerfano County Operator: Huerfano County (government) (government) Address: 401 Main St., Ste 105 Address: 401 Main St., Ste. 201 CO 81089-0000 Walsenburg CO 81089-0000 Walsenburg Bill Telephone: (719) 738-2370 Contact: Brunelli Bill Contact: Brunelli Telephone: (719) 738-2420 Formation Name: Alluvium Geologic Age: Ouaternary Formation Name: Alluvium Geologic Age: Ouaternary

1022 Hriber II Pit County: Huerfano T 26 S R 67 W Section: 35 Qtr Sec: NE Topo Map: Walsenburg North Primary Product: Sand and gravel Permit ID: M1999110 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Comments: Operator: Huerfano County (government) Address: 401 Main St., Ste 105 Walsenburg CO 08108-9719 Contact: Bill Brunelli Telephone: (719) 738-2420 Formation Name: Alluvium Geologic Age: Quaternary County: Huerfano 1024 Shrout Gravel Pit T 29 IS IR 68 IW Section: 7 Qtr Sec: NE Topo Map: La Veta Primary Product: Sand and gravel Permit ID: M1981104 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Comments: Operator: Huerfano County (government) Address: 401 Main St., Ste 105 Walsenburg CO 81089-2045 Telephone: (719) 738-2370 Contact: DeHerrera Oress Formation Name: Alluvium Geologic Age: Quaternary County: Jackson 1026 | Pearl Gravel Pit |T | 12 | N | |R | 82 | W | Section: 27 Qtr Sec: S Topo Map: Pearl Primary Product: Sand and gravel Permit ID: M1985071 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: County not mining, forest service occasionally takes out minimal amounts of material. Operator: Jackson County (government) Address: P.O. Box 488

County: Huerfano 1023 | Orlando Pit T 26 S R 69 W Section: 19 Qtr Sec: SE Topo Map: Bandito Cone Primary Product: Sand and gravel Permit ID: M2001106 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Comments: (government) Operator: Huerfano County Address: 401 Main St., Ste 201 Walsenburg CO 81089-0000 Contact: Nigrini Drew Telephone: (719) 738-2370 Formation Name: Alluvium Geologic Age: Ouaternary 1025 | Walsenburg Gravel Pit County: Huerfano T 27 S R 66 W Section: 35 Qtr Sec: SE Topo Map: Maria Reservoir Primary Product: Sand and gravel Permit ID: M2000092 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Operator: City of Walsenburg (government) Address: 525 S. Albert CO 00000-0000 Walsenburg Telephone: (719) 738-1048 Contact: Rodriguez Fred Formation Name: Alluvium Geologic Age: Quaternary County: Jackson Riley Gravel Pit 1027 N R 78 W Topo Map: Owl Ridge Section: 15 Qtr Sec: Primary Product: Sand and gravel Permit ID: M1978266 Commodity Type: Aggregate 2nd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: 2.000 Comments: Operator: Jackson County (government) Address: P.O. Box 488 Walden CO 80480-0000 Contact: Geer Harold Telephone: (970) 723-4481

Geologic Age: Quaternary

Formation Name: Gravel

Contact:

Walden

Formation Name: Gravel

Geer

CO

Harold

80480-0000

Telephone: (970) 723-4481

Geologic Age: Quaternary

County: Jefferson County: Jefferson 1029 | Pine Junction Pit 1028 | Goltra Quarry S R 72 W T 3 S R 71 W Section: 24 Qtr Sec: SE Topo Map: Ralston Buttes Section: 1 Qtr Sec: SE Topo Map: Bailey Primary Product: Sand and gravel Permit ID: M1980084 Primary Product: Sand and gravel Permit ID: M1977245 Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: 60,000 Comments: Shut-in Comments: Operator: Jefferson County Operator: Jefferson County (government) (government) Address: 21401 Golden Gate Canyon Rd. Address: 21401 Golden Gate Canyon Rd. Golden CO 80403-8108 Golden CO 80403-8108 Paul Telephone: (303) 271-5205 Rice Paul Telephone: (303) 271-5205 Contact: Rice Contact: Formation Name: Alluvium Geologic Age: Quaternary Formation Name: Alluvium Geologic Age: Ouaternary County: Kiowa County: Kiowa 1030 | Barnes Pit 1031 Barnett Pit T 18 S R 49 T 19 S R 42 Topo Map: Towner SE Section: 33 Qtr Sec: SE Topo Map: Hawkins Section: 34 Qtr Sec: N Primary Product: Gravel Primary Product: Gravel Permit ID: M1991075 Permit ID: M1991074 2nd Product: 2nd Product: Commodity Type: Aggregate Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: 13,650 Comments: Comments: (government) Operator: Kiowa County (government) Operator: Kiowa County Address: P.O. Box 100 Address: P.O. Box 100 Eads CO 81036-0000 Eads CO 81036-0000 Dick Telephone: (719) 438-5810 Contact: Telephone: (719) 438-5810 Contact: **McDaniel** Hopkins Rodney Formation Name: Gravel Formation Name: Ogallala-derived gravel Geologic Age: Tertiary Geologic Age: Ouaternary 1033 | Gray Pit County: Kiowa County: Kiowa 1032 Chivington Grazing T 18 S R 53 W Section: 8 Qtr Sec: NE T 118 S R 46 W Topo Map: Bluff Spring Section: 7 Qtr Sec: S Topo Map: Kit Carson 4 SE Permit ID: M1983119 Primary Product: Gravel Permit ID: M1990148 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: 11,700 Comments: Comments: (government) Operator: Kiowa County (government) Operator: Kiowa County Address: P.O. Box 100 Address: P.O. Box 100 Eads CO 81036-0000 Eads CO 81036-0000 Rick Telephone: (719) 438-5810 Contact: Hopkins Rodney Telephone: (719) 438-5810 Contact: Spady Geologic Age: Ouaternary Formation Name: Alluvium Geologic Age: Ouaternary Formation Name: Alluvium

County: Kiowa County: Kiowa 1034 Murdock Gravel Pit 1035 Rother Gravel Pit T 19 S R 44 W Section: 27 Qtr Sec: SF T 17 S R 44 W Section: 18 Qtr Sec: S Topo Map: Sheridan Lake SE Topo Map: Chevenne Wells 3 S Primary Product: Sand and gravel Permit ID: M1983112 Primary Product: Sand and gravel Permit ID: M1985173 Commodity Type: Aggregate 2nd Product: 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 23,855 Estimated Annual Production: 19,500 Comments: Comments: Operator: Kiowa County (government) Operator: Kiowa County (government) Address: P.O. Box 100 Address: P.O. Box 100 Eads CO 81036-0000 Eads CO 81036-0000 Contact: Telephone: (719) 438-5810 McDaniel Richard Contact: McDaniel Richard Telephone: (719) 438-5810 Formation Name: Ogallala-derived gravel Formation Name: Ogallala-derived gravel Geologic Age: Tertiary Geologic Age: Tertiary 1036 Schmidt Gravel Pit County: Kiowa County: Kit Carson 1037 Beattie Pit #1 T 17 S R 42 W S R 46 W Section: 26 Otr Sec: NF. Topo Map: Cheyenne Wells 4 SE Section: 7 Qtr Sec: S Topo Map: Tuttle Primary Product: Gravel Permit ID: M2000048 Primary Product: Sand and gravel Permit ID: M1982098 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 3.120 Estimated Annual Production: N/A Comments: Comments: Operator: Kit Carson County Operator: Kiowa County (government) (government) Address: 1305 Goff St. Address: P.O. Box 160 Eads CO 81036-0000 80807-0000 Burlington CO Telephone: (719) 438-5810 Contact: Splitter Mike Telephone: (719) 346-8133 Contact: Brownfield Lynda Formation Name: Ogallala-derived gravel Geologic Age: Tertiary Formation Name: Alluvium Geologic Age: Quaternary County: Kit Carson 1039 Bledsoe Pit County: Kit Carson 1038 | Beeson Pit T 10 S R 45 Topo Map: Burlington 3 NW Topo Map: Hugo 4 SE Section: 21 Qtr Sec: N T 11 S R 51 Section: 33 Qtr Sec: N Permit ID: M1982186 Primary Product: Sand and gravel Primary Product: Sand and gravel Permit ID: M1982067 2nd Product: 2nd Product: Commodity Type: Aggregate Commodity Type: Aggregate Mine Type: Surface Mine Type: Surface 3rd Product: 3rd Product: Estimated Annual Production: N/A Estimated Annual Production: N/A Comments: Comments: (government) Operator: Kit Carson County (government) Operator: Kit Carson County Address: P.O. Box 160 Address: P.O. Box 160 80807-0000 80807-0000 Burlington CO Burlington CO Contact: Telephone: (719) 346-8133 Contact: Telephone: (719) 346-8139 Brownfield Brownfield Lynda Lynda Geologic Age: Ouaternary Formation Name: Ogallala-derived gravel Geologic Age: Tertiary Formation Name: Alluvium

Bohnen Pit County: Kit Carson 1041 Brenner Pit County: Kit Carson 1040 R 45 W S R 43 W S Section: 15 Qtr Sec: NE Topo Map: Bethune T 6 Section: 2 Qtr Sec: SE Topo Map: Bonnie Reservoir S Primary Product: Sand and gravel Permit ID: M1991071 Primary Product: Sand and gravel Permit ID: M1982079 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: N/A Estimated Annual Production: N/A Comments: Comments: Operator: Kit Carson County (government) Operator: Kit Carson County (government) Address: P.O. Box 160 Address: P.O. Box 160 80807-0000 Burlington CO Burlington CO 80807-0000 Telephone: (719) 346-8133 Contact: Contact: Brownfield Lynda Brownfield Lynda Telephone: (719) 346-8133 Formation Name: Ogallala-derived gravel Formation Name: Ogallala-derived gravel Geologic Age: Tertiary Geologic Age: Tertiary County: Kit Carson 1043 Dorsch Pit County: Kit Carson 1042 | Corliss Pit S | R | 45 Section: 18 Qtr Sec: SE Topo Map: Idalia SW T 10 S R 51 Section: 10 Qtr Sec: S Topo Map: Hugo 4 NE Primary Product: Sand and gravel Permit ID: M1982106 Primary Product: Sand and gravel Permit ID: M1998060 Commodity Type: Aggregate 2nd Product: 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: N/A Estimated Annual Production: N/A Comments: Comments: Operator: Kit Carson County (government) Operator: Kit Carson County (government) Address: P.O. Box 160 Address: P.O. Box 160 80807-0000 Burlington CO Burlington CO 80807-0000 Contact: Brownfield Lynda Telephone: (719) 346-8139 Contact: Brownfield Lynda Telephone: (719) 346-8139 Formation Name: Ogallala-derived gravel Geologic Age: Tertiary Formation Name: Alluvium Geologic Age: Quaternary County: Kit Carson 1044 | Eberhart Pit 1045 | Hornung Pit County: Kit Carson T 8 S R 42 W Section: 34 Qtr Sec: NE Topo Map: Kanorado S R 47 W Section: 14 Qtr Sec: S Topo Map: Stratton NW Primary Product: Sand and gravel Permit ID: M1982054 Primary Product: Sand and gravel Permit ID: M1982189 Commodity Type: Aggregate Commodity Type: Aggregate 2nd Product: 2nd Product: 3rd Product: 3rd Product: Mine Type: Surface Mine Type: Surface Estimated Annual Production: N/A Estimated Annual Production: N/A Comments: Comments: (government) Operator: Kit Carson County Operator: Kit Carson County (government) Address: P.O. Box 160 Address: P.O. Box 160 CO 80807-0000 80807-0000 Burlington Burlington CO Contact: Brownfield Lynda Telephone: (719) 346-8133 Contact: Brownfield Lynda Telephone: (719) 346-8133 Formation Name: Ogallala-derived gravel Geologic Age: Tertiary Formation Name: Alluvium Geologic Age: Ouaternary

County: Kit Carson 1047 Kit Carson County County: Kit Carson 1046 KC County Road Pit #2 T 8 S R 45 W Section: 6 Qtr Sec: SE T 10 S R 47 W Topo Map: Settlement Section: 2 Qtr Sec: SE Topo Map: Alpine Ranch NE Primary Product: Sand and gravel Permit ID: M1984205 Primary Product: Sand and gravel Permit ID: M1982094 Commodity Type: Aggregate Commodity Type: Aggregate 2nd Product: 2nd Product: 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: N/A Estimated Annual Production: N/A Comments: Comments: Operator: Kit Carson County (government) Operator: Kit Carson County (government) Address: P.O. Box 160 Address: P.O. Box 160 80807-0000 Burlington CO Burlington CO 80807-0000 Contact: Lynda Telephone: (719) 346-8139 Telephone: (719) 346-8133 Brownfield Contact: Brownfield Lynda Formation Name: Alluvium Formation Name: Alluvium Geologic Age: Ouaternary Geologic Age: Ouaternary 1048 Klusen County: Kit Carson Kuhn Pit County: Kit Carson 1049 T 10 S R 47 W Section: 11 Qtr Sec: NE Topo Map: Alpine Ranch NE S R 44 W Section: 31 Qtr Sec: S Topo Map: Burlington 3 NE Primary Product: Sand and gravel Permit ID: M1982100 Primary Product: Gravel Permit ID: M1988058 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: N/A Estimated Annual Production: N/A Comments: Comments: Operator: Kit Carson County (government) Operator: Kit Carson County (government) Address: P.O. Box 160 Address: P.O. Box 160 Burlington CO 80807-0000 Burlington CO 80807-0000 Contact: Brownfield Telephone: (719) 346-8133 Contact: Lvnda Telephone: (719) 346-8133 Lynda Brownfield Formation Name: Ogallala-derived gravel Geologic Age: Tertiary Formation Name: Ogallala-derived gravel Geologic Age: Tertiary 1050 Leoffler Pit County: Kit Carson 1051 Loutzenheiser Pit County: Kit Carson S R 50 W T 9 S R 46 W Topo Map: Flagler Reservoir Section: 15 Qtr Sec: S Topo Map: Stratton Section: 13 Qtr Sec: NE Primary Product: Sand and gravel Primary Product: Sand and gravel Permit ID: M1989002 Permit ID: M1982188 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: N/A Estimated Annual Production: N/A Comments: Comments: Operator: Kit Carson County (government) (government) Operator: Kit Carson County Address: P.O. Box 160 Address: P.O. Box 160 80807-0000 80807-0000 CO CO Burlington Burlington Contact: Brownfield Lynda Telephone: (719) 346-8133 Contact: Brownfield Lynda Telephone: (719) 346-8139 Geologic Age: Tertiary Formation Name: Ogallala-derived gravel Geologic Age: Tertiary Formation Name: Ogallala-derived gravel

County: Kit Carson County: Kit Carson 1052 Lundvall Pit Morris Pit 1053 T 11 S R 49 W S R 45 W Section: 14 Qtr Sec: N Topo Map: Bethune Section: 3 Qtr Sec: S Topo Map: Stratton 3 SW Primary Product: Sand and gravel Primary Product: Sand and gravel Permit ID: M1982104 Permit ID: M1982062 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: N/A Estimated Annual Production: N/A Comments: Comments: Operator: Kit Carson County (government) Operator: Kit Carson County (government) Address: P.O. Box 160 Address: P.O. Box 160 Burlington CO 80807-0000 Burlington 80807-0000 CO Contact: Brownfield Lynda Telephone: (719) 346-8133 Contact: Brownfield Lynda Telephone: (719) 346-8139 Geologic Age: Tertiary Formation Name: Ogallala-derived gravel Formation Name: Alluvium Geologic Age: Ouaternary County: Kit Carson County: Kit Carson 1054 Murphy Pit 1055 Ostrowski Pit T 11 S R 49 W Section: 3 Qtr Sec: Topo Map: Stratton 3 SE S R 51 Section: 19 Qtr Sec: S Topo Map: Thurman Primary Product: Sand and gravel Permit ID: M1978120 Primary Product: Gravel Permit ID: M1988115 Commodity Type: Aggregate 2nd Product: 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: N/A Estimated Annual Production: Comments: Comments: Operator: Kit Carson County (government) Operator: Kit Carson County (government) Address: 251 15th St. Address: P.O. Box 160 Burlington CO 80807-0000 CO 80807-0000 Burlington Contact: Isenbart Walt Telephone: (719) 346-8133 Contact: Brownfield Lynda Telephone: (719) 346-8139 Formation Name: Ogallala-derived gravel Geologic Age: Tertiary Formation Name: Alluvium Geologic Age: Ouaternary County: Kit Carson 1057 ||Pit No 18 1056 Pierson Pit County: Kit Carson T 10 S R 44 W Section: 24 Qtr Sec: NE T 10 S R 47 W Section: 6 Qtr Sec: SE Topo Map: Burlington 3 NE Topo Map: Alpine Ranch NW Primary Product: Sand and gravel Permit ID: M1991148 Primary Product: Sand and gravel Permit ID: M1985195 Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: N/A Estimated Annual Production: N/A Comments: Comments: (government) Operator: Kit Carson County Operator: Kit Carson County (government) Address: P.O. Box 160 Address: P.O. Box 160 Burlington CO 80807-0000 Burlington CO 80807-0000 Telephone: (719) 346-8139 Contact: Brownfield Lynda Telephone: (719) 346-8139 Contact: Brownfield Lynda Formation Name: Ogallala-derived gravel Formation Name: Ogallala-derived gravel Geologic Age: Tertiary Geologic Age: Tertiary

County: Kit Carson 1058 R & J Ostrowski Pit 1059 Raymond Duell Pit County: Kit Carson T 6 S R 51 W S R 49 W Section: 18 Qtr Sec: SE Topo Map: Thurman Section: 32 Qtr Sec: S Topo Map: Flagler Reservoir Primary Product: Sand and gravel Permit ID: M1982065 Primary Product: Sand and gravel Permit ID: M1989004 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: 3rd Product: Mine Type: Surface Mine Type: Surface Estimated Annual Production: N/A Estimated Annual Production: N/A Comments: Comments: Operator: Kit Carson County (government) Operator: Kit Carson County (government) Address: P.O. Box 160 Address: 251 15th St. Burlington CO 80807-0000 Burlington CO 80807-0000 Contact: Brownfield Telephone: (719) 346-8139 Contact: Walt Telephone: (719) 346-8133 Lynda Isenbart Formation Name: Alluvium Geologic Age: Quaternary Geologic Age: Tertiary Formation Name: Ogallala-derived gravel County: Kit Carson 1060 Raymond Schulte Pit County: Kit Carson 1061 | Reed Ranches S R 48 W Section: 6 Qtr Sec: SE |T |10 |S ||R |43 ||W| Topo Map: Burlington 3 NE Topo Map: Siebert NE Section: 19 Qtr Sec: S Primary Product: Gravel Permit ID: M1989003 Primary Product: Sand and gravel Permit ID: M1982055 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: N/A Estimated Annual Production: N/A Comments: Comments: Operator: Kit Carson County (government) Operator: Kit Carson County (government) Address: 251 15th St. Address: P.O. Box 160 Burlington CO 80807-0000 Burlington CO 80807-0000 Contact: Isenbart Walt. Telephone: (719) 346-8133 Telephone: (719) 346-8133 Contact: Brownfield Lynda Geologic Age: Quaternary Formation Name: Ogallala-derived gravel Formation Name: Alluvium Geologic Age: Tertiary 1062 | Rhoades Pit County: Kit Carson 1063 Road Pit County: Kit Carson S R 45 S R 42 W W Section: 26 Qtr Sec: N Topo Map: Settlement Section: 17 Qtr Sec: S Topo Map: Bonnie Reservoir SE Primary Product: Sand and gravel Permit ID: M1982052 Primary Product: Sand and gravel Permit ID: M1984085 2nd Product: 2nd Product: Commodity Type: Aggregate Commodity Type: Aggregate 3rd Product: Mine Type: Surface Mine Type: Surface 3rd Product: Estimated Annual Production: N/A Estimated Annual Production: N/A Comments: Comments: Operator: Kit Carson County (government) Operator: Kit Carson County (government) Address: P.O. Box 160 Address: P.O. Box 160 80807-0000 Burlington 80807-0000 Burlington CO CO Contact: Contact: Telephone: (719) 346-8139 Brownfield Lynda Telephone: (719) 346-8133 Brownfield Lynda Formation Name: Ogallala-derived gravel Formation Name: Alluvium Geologic Age: Ouaternary Geologic Age: Tertiary

County: Kit Carson 1064 Smelker Pit 1065 Smith Pit County: Kit Carson T 11 S R 47 W T 10 S R 51 W Section: 3 Qtr Sec: S Topo Map: Alpine Ranch SW Section: 9 Qtr Sec: NE Topo Map: Hugo 4 NE Permit ID: M1982187 Primary Product: Sand and gravel Primary Product: Sand and gravel Permit ID: M1982060 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: N/A Estimated Annual Production: N/A Comments: Comments: Operator: Kit Carson County (government) Operator: Kit Carson County (government) Address: P.O. Box 160 Address: P.O. Box 160 Burlington CO 80807-0000 Burlington CO 80807-0000 Contact: Telephone: (719) 346-8133 Contact: Telephone: (719) 346-8133 Brownfield Lynda Brownfield Lynda Formation Name: Ogallala-derived gravel Formation Name: Alluvium Geologic Age: Tertiary Geologic Age: Ouaternary County: Kit Carson County: Kit Carson 1066 V Ostrowski Pit 1067 Wiedman Pit S R 51 S R 44 W Topo Map: Anton SE Topo Map: Burlington NE Section: 8 Qtr Sec: NE Section: 19 Qtr Sec: SE Primary Product: Sand and gravel Permit ID: M1982070 Primary Product: Sand and gravel Permit ID: M1982105 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: N/A Estimated Annual Production: N/A Comments: Comments: Operator: Kit Carson County (government) Operator: Kit Carson County (government) Address: P.O. Box 160 Address: P.O. Box 160 Burlington CO 80807-0000 Burlington CO 80807-0000 Telephone: (719) 346-8139 Contact: Brownfield Lynda Telephone: (719) 346-8139 Contact: Brownfield Lynda Formation Name: Alluvium Geologic Age: Ouaternary Formation Name: Ogallala-derived gravel Geologic Age: Tertiary 1068 Woods Pit No. 1 County: Kit Carson County: La Plata 1069 Crader Gravel Pit T 6 S R 46 W T 34 N R 9 w Section: 24 Qtr Sec: S Topo Map: Idalia SW Section: 10 Qtr Sec: N Topo Map: Loma Linda Primary Product: Sand and gravel Primary Product: Sand and gravel Permit ID: M1982096 Permit ID: M1981114 Commodity Type: Aggregate 2nd Product: 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: N/A Estimated Annual Production: 30,000 Comments: Comments: Operator: Kit Carson County (government) Operator: La Plata County (government) Address: P.O. Box 160 Address: 1060 Main Ave. Ste. 104 80807-0000 CO 81301-0000 Burlington CO Durango Contact: Brownfield **Telephone:** (719) 346-8133 Contact: Serfoss Walter Telephone: (970) 382-6373 Lynda Formation Name: Alluvium Geologic Age: Quaternary Formation Name: Alluvium Geologic Age: Ouaternary

County: La Plata Forest Lakes Pit #1 County: La Plata 1071 | Marvel Pit 1070 T 35 N R 7 w! Section: 3 Qtr Sec: SE T 33 N R 12 W Section: 27 Qtr Sec: NE Topo Map: Redmesa Topo Map: Ludwig Mountain Primary Product: Sand and gravel Permit ID: M1981158 Primary Product: Sand and gravel Permit ID: M1977575 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: <5,000 Estimated Annual Production: Intermittent production Comments: Comments: Operator: Forest Lakes Metro District (government) Operator: La Plata County (government) 26616 U.S. Hwy. 160 S. Address: P.O. Box 440 Address: CO 81122-0440 81301-0000 Bavfield Durango CO Contact: Kortz Dale Telephone: (970) 884-2925 Contact: Bedau Nanette Telephone: (970) 247-2617 Formation Name: Alluvium Geologic Age: Ouaternary Formation Name: Gravel Geologic Age: Quaternary County: Lake County: Lake 1072 | Half Moon Pit 1073 | Lake County Grav Pit T 10 S R 80 W S R 80 W Section: 7 Qtr Sec: SE Topo Map: Leadville South Section: 27 Qtr Sec: SE Topo Map: Leadville South Primary Product: Sand and gravel Permit ID: M1977071 Primary Product: Sand and gravel Permit ID: M1977459 Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Estimated Annual Production: Intermittent production Comments: Comments: Operator: Lake County (government) Operator: Lake County (government) Address: County Administrator Address: P.O. Box 964 80461-0000 Leadville CO Leadville CO 80461-0000 Contact: Telephone: (719) 486-0259 Contact: Robin Telephone: (719) 486-0259 Kleeberger Steven Schiro Formation Name: Gravel Geologic Age: Quaternary Formation Name: Alluvium Geologic Age: Quaternary County: Larimer County: Larimer 1074 Horton Gravel Pit 1075 | Landon Farm T 10 N R 69 W Topo Map: Buckeye N R 68 W Section: 16 Qtr Sec: Section: 20 Qtr Sec: NE Topo Map: Fort Collins Primary Product: Sand and gravel Permit ID: M1985135 Primary Product: Sand and gravel Permit ID: M1978044 2nd Product: 2nd Product: Commodity Type: Aggregate Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 8,000 Estimated Annual Production: N/A Comments: Comments: Operator: Larimer County (government) Operator: City of Fort Collins (government) Address: P.O. Box 1190 Address: 281 N. College Ave. Fort Collins CO 80522-0000 Ft. Collins CO 80522-0580 Contact: Contact: Tom Telephone: (970) 221-6263 Morrison Dennis Telephone: (970) 498-5652 Shoemaker Formation Name: Alluvium Formation Name: Gravel Geologic Age: Quaternary Geologic Age: Quaternary

County: Larimer Strang Gravel Pit County: Larimer 1076 Resource Recovery Farm (RRF) N R 68 W N R 68 W Section: 33 Qtr Sec: NE Topo Map: Fort Collins Section: 21 Qtr Sec: SR Topo Map: Fort Collins Permit ID: M1999078 Primary Product: Sand and gravel Permit ID: M1977425 Primary Product: Sand and gravel Commodity Type: Aggregate 2nd Product: 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Estimated Annual Production: 52,000 Comments: Comments: (government) Operator: Larimer County (government) **Operator:** City of Fort Collins Address: P.O. Box 580 Address: P.O. Box 1190 Ft. Collins Fort Collins 80522-0000 CO 80522-0000 CO Sears Mark Telephone: (970) 416-2096 Contact: Morrison Dennis Telephone: (970) 498-5652 Contact: Formation Name: Alluvium Geologic Age: Quaternary Formation Name: Alluvium Geologic Age: Ouaternary County: Larimer 1079 Upper Lone Pine Mine County: Larimer 1078 Timberline Pit N R 68 T 10 N R 74 Section: 23 Qtr Sec: NE Topo Map: South Bald Mountain Section: 17 Qtr Sec: Topo Map: Fort Collins Primary Product: Gravel Permit ID: M1994123 Primary Product: Sand and gravel Permit ID: M1977184 2nd Product: 2nd Product: Commodity Type: Aggregate Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: N/A Estimated Annual Production: Intermittent production Comments: Comments: (government) Operator: Crystal Lakes Water & Sewer (government) Operator: City of Fort Collins Address: 281 N. College Ave. Address: 300 Tami Rd. 80522-0000 Red Feather Lak CO 80545-0000 Fort Collins CO Contact: Sears Mark Telephone: (970) 221-6600 Contact: Rosecrans Dick Telephone: (970) 881-2250 Formation Name: Alluvium Geologic Age: Ouaternary Formation Name: Alluvium Geologic Age: Ouaternary County: Las Animas County: Las Animas 1081 Branson Gravel Pit 1080 Airport Gravel Pit T 35 S R 57 W T 32 S R 62 W Section: 7 Qtr Sec: S Section: 21 Qtr Sec: N Topo Map: Branson SE Topo Map: Mooney Hills Primary Product: Sand and gravel Permit ID: M1983039 Primary Product: Gravel Permit ID: M1997100 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 10,000 Estimated Annual Production: 2.000 Comments: Comments: (government) Operator: Las Animas County (government) Operator: Las Animas County Address: 2000 N. Linden Ave. Address: 2000 N. Linden Ave. 81082-0000 Trinidad CO 81082-0000 Trinidad CO Phil **Telephone:** (719) 846-4766 Contact: Phil Telephone: (719) 846-2931 Contact: Dorenkamp Dorenkamp

Formation Name: Alluvium

Geologic Age: Quaternary

Geologic Age: Ouaternary

Formation Name: Gravel

County: Las Animas 1082 Doherty Pit County: Las Animas 1083 Sandoval Land and Cattle Pit T 35 S R 60 W T 33 S R 62 W Section: 4 Qtr Sec: S Topo Map: Abeyta Section: 25 Qtr Sec: S Topo Map: Mooney Hills Primary Product: Sand and gravel Permit ID: M2001015 Permit ID: M1987148 Primary Product: Sand and gravel Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 2nd Product: 3rd Product: 3rd Product: Mine Type: Surface Mine Type: Surface Estimated Annual Production: 2000 Estimated Annual Production: 5.000 Comments: Comments: Operator: Las Animas County (government) Operator: Las Animas County (government) Address: 2000 N. Linden Ave. Address: 2000 N. Linden Ave. Trinidad CO 81082-0000 Trinidad CO 81082-0000 Telephone: (719) 846-4486 Contact: Phil Contact: Phil Telephone: (719) 846-4766 Dorenkamp Dorenkamp Formation Name: Alluvium Geologic Age: Quaternary Formation Name: Alluvium Geologic Age: Quaternary County: Las Animas 1084 | Shannon Pit County: Las Animas Unwin Gravel Pit 1085 T |33 |S |R |53 |W | T 33 S R 52 W Section: 15 Qtr Sec: S Topo Map: Kim South Section: 1 Qtr Sec: NE Topo Map: Pintada Creek Primary Product: Sand and gravel Permit ID: M1979163 Primary Product: Gravel Permit ID: M1998011 Commodity Type: Aggregate 2nd Product: 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 1,000 Estimated Annual Production: 1,000 Comments: Comments: Operator: Las Animas County (government) Operator: Las Animas County (government) Address: 2000 N. Linden Ave. Address: 2000 N. Linden Ave. Trinidad CO 81082-0000 Trinidad CO 81082-0000 Contact: Phil Telephone: (719) 846-4486 Contact: Phil Telephone: (719) 846-4766 Dorenkamp Dorenmore Formation Name: Alluvium Geologic Age: Quaternary Formation Name: Alluvium Geologic Age: Quaternary County: Lincoln 1087 | Brent Pit County: Lincoln 1086 Arthur L Schmeiser T | 14 | S | R | 58 Section: 6 Qtr Sec: N S | R 53 W Section: 36 Qtr Sec: S Topo Map: Arriba NE Topo Map: Kutch SW Primary Product: Sand and gravel Permit ID: M1985109 Primary Product: Borrow rock Permit ID: M1978072 2nd Product: 2nd Product: Commodity Type: Aggregate Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: None reported in 2002 Comments: Shut-in Comments: Shut-in Operator: Lincoln County (government) Operator: Lincoln County (government) Address: P.O. Box 39 Address: P.O. Box 39 80821-0000 Hugo CO 80821-0000 Hugo CO Telephone: (719) 743-2337 Don Contact: Blake Don Telephone: (719) 743-2337 Contact: Blake Formation Name: Gravel Geologic Age: Quaternary Formation Name: Ogallala-derived gravel Geologic Age: Tertiary

County: Lincoln C & D Farms No. 2 County: Lincoln 1089 Charles Lane T 11 S R 52 W T 6 S R 56 W Topo Map: T Draw Section: 5 Qtr Sec: SE Section: 33 Qtr Sec: SE Topo Map: Bledsoe Ranch Permit ID: M1999043 Primary Product: Sand and gravel Permit ID: M1984183 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 49,175 Estimated Annual Production: 23.784 Comments: Comments: (government) Operator: Lincoln County (government) Operator: Lincoln County Address: P.O. Box 39 Address: P.O. Box 39 CO 80821-0000 Hugo CO 80821-0000 Hugo Contact: Blake Don Telephone: (719) 743-2337 Contact: Blake Don Telephone: (719) 743-2337 Geologic Age: Tertiary Formation Name: Alluvium Geologic Age: Ouaternary Formation Name: Ogallala-derived gravel County: Lincoln County: Lincoln 1090 | County Line Pit 1091 | Covington Pit T 6 S R 55 W Topo Map: Lusto Springs T 10 S R 55 Section: 34 Qtr Sec: NE Topo Map: Barron Creek Section: 5 Qtr Sec: N Primary Product: Sand and gravel Permit ID: M1986107 Primary Product: Sand and gravel Permit ID: M1987016 2nd Product: 2nd Product: Commodity Type: Aggregate Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 26,549 Estimated Annual Production: 5,000 Comments: Comments: Operator: Lincoln County (government) Operator: Colorado Division of Highways (government) Address: P.O. Box 39 Address: 4340 E. Louisiana Hugo CO 80821-0000 Denver CO 00802-2200 Telephone: (719) 743-2337 Contact: Blake Don Contact: Montoya Gilbert Telephone: (303) 757-9133 Formation Name: Ogallala-derived gravel Geologic Age: Tertiary Formation Name: Alluvium Geologic Age: Ouaternary County: Lincoln 1093 | Ellis Allen Pit County: Lincoln 1092 Daugherty Pit T | 16 | S | R | 55 | W | Section: 26 Qtr Sec: NE Topo Map: Karval |S |R |54 | W | Section: 7 Qtr Sec: N Topo Map: Arriba NW Primary Product: Sand and gravel Primary Product: Sand and gravel Permit ID: M1978079 Permit ID: M1984185 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: 3rd Product: Mine Type: Surface Mine Type: Surface Estimated Annual Production: 2,459 Estimated Annual Production: 4,814 Comments: Comments: Operator: Lincoln County (government) Operator: Lincoln County (government) Address: P.O. Box 39 Address: P.O. Box 39 Hugo CO 80821-0000 Hugo CO 80821-0000 Telephone: (719) 743-2337 Contact: Don Telephone: (719) 743-2815 Contact: Blake Don Blake Geologic Age: Tertiary

Formation Name: Ogallala-derived gravel

Geologic Age: Ouaternary

Formation Name: Gravel

County: Lincoln 1095 | Enderson Pit County: Lincoln 1094 Elmer Stone Gravel Pit T 7 S R 52 W T 15 S R 56 W Section: 15 Qtr Sec: N Topo Map: Forder Section: 6 Qtr Sec: Topo Map: Arriba NE Primary Product: Sand and gravel Permit ID: M1978080 Primary Product: Sand and gravel Permit ID: M1979111 Commodity Type: Aggregate 2nd Product: 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: 5,000 Comments: Shut-in Comments: (government) Operator: Colorado Division of Highways (government) Operator: Lincoln County Address: 4340 E. Louisiana Ave. Address: P.O. Box 39 Hugo CO 80821-0000 Denver CO 80222-0000 Telephone: (719) 743-2337 Contact: Don Contact: Gilbert Telephone: (303) 757-9133 Blake Montova Formation Name: Gravel Formation Name: Alluvium Geologic Age: Ouaternary Geologic Age: Quaternary County: Lincoln County: Lincoln 1096 | Fisher Pit 1097 Gaede Pit T 9 S R 55 W Section: 15 Qtr Sec: N Topo Map: Genoa West S R 56 W Section: 1 Qtr Sec: NF Topo Map: Genoa West Primary Product: Sand and gravel Permit ID: M1977163SG Primary Product: Sand and gravel Permit ID: M1978051 Commodity Type: Aggregate 2nd Product: 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: 20 Comments: Shut-in Comments: Operator: Lincoln County Operator: Lincoln County (government) (government) Address: P.O. Box 39 Address: P.O. Box 39 80821-0000 CO 80821-0000 Hugo CO Hugo Contact: Blake Don Telephone: (719) 743-2337 Contact: Blake Ron Telephone: (719) 743-2337 Formation Name: Alluvium Geologic Age: Quaternary Formation Name: Alluvium Geologic Age: Ouaternary County: Lincoln County: Lincoln George Ansley Pit Harold Eichman Gravel Pit T 16 S R 52 w Section: 22 Qtr Sec: Topo Map: Stacy Lakes Draw T 16 S R 59 W Section: I Qtr Sec: Topo Map: Sanborn Reservoir Primary Product: Sand and gravel Primary Product: Sand and gravel Permit ID: M1978078SG Permit ID: M1985105 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 2,821 Estimated Annual Production: 7,095 Comments: Comments: Operator: Lincoln County (government) Operator: Lincoln County (government) Address: P O Box 39 Address: P.O. Box 39 80821-0000 Hugo CO Hugo CO 80821-0000 Don Contact: Blake Telephone: (719) 743-2815 Contact: Blake Don Telephone: (719) 743-2337 Formation Name: Gravel Geologic Age: Ouaternary Formation Name: Alluvium Geologic Age: Ouaternary

County: Lincoln 1101 Melvin Savage Pit County: Lincoln 1100 | Holladay Pit T 17 S R 56 W T 9 S R 56 W Section: 18 Qtr Sec: S Topo Map: Limon Section: 21 Qtr Sec: S Topo Map: Sharpe Lake Primary Product: Sand and gravel Primary Product: Sand and gravel Permit ID: M1978129 Permit ID: M1987018 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: 5.000 Comments: Comments: Shut-in Operator: Lincoln County Operator: Colorado Division of Highways (government) (government) 4340 E. Louisiana Ave. Address: Address: P.O. Box 39 Denver CO 80222-0000 Hugo CO 80821-0000 Gilbert Contact: Montoya Telephone: (303) 757-9133 Contact: Blake Don Telephone: (719) 743-2337 Geologic Age: Quaternary Formation Name: Alluvium Formation Name: Alluvium Geologic Age: Quaternary County: Lincoln County: Lincoln 1102 Mosher Gravel Pit 1103 O'Dwyer T 14 S R 54 S |R |55 Section: 12 Qtr Sec: N Topo Map: McKenzie Draw W Section: 20 Qtr Sec: N Topo Map: Walks Camp Park Primary Product: Sand and gravel Primary Product: Sand and gravel Permit ID: M2002017 Permit ID: M1985107 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 820 Estimated Annual Production: None reported in 2002 Comments: Comments: New mine Operator: Lincoln County (government) Operator: Lincoln County (government) Address: P.O. Box 39 Address: 103 3rd. Hugo CO 80821-0000 Hugo CO 80821-0000 Contact: Blake Don Telephone: (719) 743-2337 Contact: Blake Don Telephone: (719) 743-2337 Formation Name: Gravel Geologic Age: Ouaternary Formation Name: Ogallala-derived gravel Geologic Age: Tertiary County: Lincoln County: Lincoln 1104 Pickenpaugh Gravel Pit 1105 Ravenkamp Pit No 1 T | 14 | S | R | 58 | W | T 111 IS IR 155 w Section: 8 Qtr Sec: SE Section: 14 Qtr Sec: NF Topo Map: Kutch Se Topo Map: Lake SE Primary Product: Primary Product: Sand and gravel Permit ID: M1978078 Permit ID: M1991060 Gravel Commodity Type: Aggregate 2nd Product: 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 13,294 Estimated Annual Production: 33,544 Comments: Comments: Operator: Lincoln County (government) Operator: Lincoln County (government) Address: P.O. Box 39 Address: P.O. Box 39 Hugo Hugo CO 80821-0000 CO 80821-0000 Contact: Telephone: (719) 743-2337 Contact: Telephone: (719) 743-2337 Aragon Pete Blake Don Formation Name: Gravel Geologic Age: Ouaternary Formation Name: Alluvium Geologic Age: Quaternary

County: Lincoln County: Lincoln 1107 Rohrbaugh Pit 1106 Raymond Enderson Pit T 7 S R 55 W T 7 S R 53 W Section: 11 Qtr Sec: N Topo Map: Arriba NE Section: 10 Qtr Sec: S Topo Map: Walks Camp Park Primary Product: Sand and gravel Permit ID: M2000066 Primary Product: Sand and gravel Permit ID: M2000143 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 13.344 Estimated Annual Production: 10,003 Comments: Comments: Operator: Lincoln County (government) Operator: Lincoln County (government) Address: P.O. Box 39 Address: 103 3rd St. Hugo CO 80821-0000 CO 80821-0000 Hugo Contact: Don Telephone: (719) 743-2337 Don Telephone: (719) 743-2337 Blake Contact: Blake Formation Name: Ogallala-derived gravel Geologic Age: Tertiary Formation Name: Ogaliala-derived gravel Geologic Age: Tertiary County: Lincoln County: Lincoln Stavely Pit 1108 Smith Ranch Pit No 2 1109 T 16 S R 53 W T 15 S R 56 W Section: 10 Qtr Sec: S Topo Map: Punkin Center Section: 33 Qtr Sec: S Topo Map: Bluff Spring Permit ID: M1985110 Primary Product: Gravel Permit ID: M1988022 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate Mine Type: Surface Mine Type: Surface 3rd Product: 3rd Product: Estimated Annual Production: 16,689 Estimated Annual Production: None reported in 2002 Comments: Comments: Shut-in Operator: Lincoln County (government) Operator: Lincoln County (government) Address: P.O. Box 39 Address: P.O. Box 39 80821-0000 Hugo 80821-0000 Hugo CO CO Telephone: (719) 743-2337 Contact: Blake Don Blake Don Telephone: (719) 743-2337 Contact: Formation Name: Alluvium Formation Name: Gravel Geologic Age: Ouaternary Geologic Age: Ouaternary County: Lincoln County: Logan 1110 ||Taylor Pit 1111 | Bornhoft II Pit N R 49 Section: 25 Qtr Sec: NE Topo Map: Saint Petersburg T 15 S R 55 W Section: 25 Qtr Sec: SE Topo Map: Karval Primary Product: Sand and gravel Permit ID: M1997048 Permit ID: M1978049 Primary Product: Sand and gravel 2nd Product: 2nd Product: Commodity Type: Aggregate Commodity Type: Aggregate Mine Type: Surface 3rd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: 13,000 Estimated Annual Production: 2,348 Comments: Comments: Operator: Lincoln County (government) Operator: Logan County (government) Address: P.O. Box 39 Address: 315 Main St. 80751-0000 Hugo 80821-0000 Sterling CO CO Ken Telephone: (970) 522-7879 Contact: Blake Don Telephone: (719) 743-2337 Contact: Strohson Geologic Age: Tertiary Formation Name: Gravel Geologic Age: Ouaternary Formation Name: Ogallala-derived gravel

1112 Etl Gravel Pit County: Logan 1113 Eugene D Meier S & G County: Logan T 7 N R 50 W Topo Map: Leroy T 10 N R 51 W Section: 14 Qtr Sec: SE Section: 25 Qtr Sec: NE Topo Map: Iliff Permit ID: M1993068 Primary Product: Sand and gravel Primary Product: Sand and gravel Permit ID: M1978296 Commodity Type: Aggregate Commodity Type: Aggregate 2nd Product: 2nd Product: 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 5,200 Estimated Annual Production: 2,600 Comments: Comments: Operator: Logan County Operator: Logan County (government) (government) Address: 315 Main St. Address: 315 Main St. 80751-0000 Sterling CO 80751-0000 Sterling CO Contact: Strohson Ken Telephone: (970) 522-0888 Contact: Ken Telephone: (303) 522-7879 Strohson Formation Name: Ogallala-derived gravel Geologic Age: Tertiary Formation Name: Alluvium Geologic Age: Ouaternary 1114 Guenzi S & G Pit County: Logan County: Logan 1115 | Jackson II Gravel Pit N R 54 N R 53 W T 7 Section: 2 Qtr Sec: SE Topo Map: Willard Section: 11 Qtr Sec: NE Topo Map: Atwood NE Primary Product: Sand and gravel Permit ID: M1987159 Primary Product: Sand and gravel Permit ID: M1999026 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 9,750 Estimated Annual Production: 19.050 Comments: Comments: Operator: Logan County (government) Operator: Logan County (government) Address: 315 Main St. Address: 315 Main St. Sterling CO 80751-0000 Sterling CO 80751-0000 Contact: Ken Telephone: (970) 522-0888 Contact: Strohson McFadden Telephone: (970) 522-0888 Judy Formation Name: Alluvium Formation Name: Alluvium Geologic Age: Ouaternary Geologic Age: Ouaternary County: Logan 1116 Kerschner Pit County: Logan 1117 Koester Gravel Pit T 7 N R 55 W T 10 N R 53 w Section: 13 Qtr Sec: NF Topo Map: Willard Section: 25 Qtr Sec: SE Topo Map: Padroni Primary Product: Sand and gravel Primary Product: Sand and gravel Permit ID: M1998041 Permit ID: M1996042 Commodity Type: Aggregate 2nd Product: 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 2,600 Estimated Annual Production: 5.200 Comments: Comments: (government) Operator: Logan County (government) Operator: Logan County Address: 315 Main St. Address: 315 Main St. Sterling CO 80751-0000 Sterling CO 80751-0000 Contact: Hickox Byron Telephone: (970) 522-0888 Contact: Strohson Ken Telephone: (970) 522-7879 Geologic Age: Ouaternary Formation Name: Gravel Formation Name: Alluvium Geologic Age: Quaternary

County: Logan 1118 Kokes Gravel Pit County: Logan 1119 Kues Gravel Pit T 12 N R 49 W T 8 N R 50 W Section: 34 Qtr Sec: N Topo Map: Twin Buttes Section: 10 Qtr Sec: N Topo Map: Uhler Ranch Primary Product: Sand and gravel Permit ID: M1978249 Primary Product: Sand and gravel Permit ID: M1983187 2nd Product: Commodity Type: Aggregate Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 2,600 Estimated Annual Production: 13,000 Comments: Comments: Operator: Logan County (government) Operator: Logan County (government) Address: 315 Main St. Address: 315 Main St. 80751-0000 Sterling CO Sterling CO 80751-0000 Contact: Ken Telephone: (970) 522-0888 Telephone: (970) 522-0888 Strohson Contact: Ken Strohson Formation Name: Ogallala-derived gravel Geologic Age: Tertiary Geologic Age: Tertiary Formation Name: Ogallala-derived gravel 1120 | Lindstrom Gravel Pit County: Logan 1121 || Schumacher Pit County: Logan T 6 N R 51 W Section: 17 Qtr Sec: N T 11 N R 52 W Section: 11 Qtr Sec: S Topo Map: Buffalo Springs Ranc Topo Map: Padroni NW Primary Product: Sand and gravel Permit ID: M1993069 Primary Product: Sand and gravel Permit ID: M1995063 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 19,500 Estimated Annual Production: 6.500 Comments: Comments: Operator: Logan County (government) Operator: Logan County (government) Address: 315 Main St. Address: 315 Main St. Sterling 80751-0000 80751-0000 CO Sterling CO Contact: Telephone: (970) 522-7879 Strohson Ken Contact: Strohson Ken Telephone: (970) 522-7879 Formation Name: Ogallala-derived gravel Geologic Age: Tertiary Formation Name: Alluvium Geologic Age: Ouaternary 1122 Stephens Pit County: Logan County: Logan 1123 | Sterling Project T 9 N R 48 W Topo Map: Tamarack Ranch N R 52 Topo Map: Sterling South Section: 3 Qtr Sec: SE Section: 34 Qtr Sec: N Primary Product: Sand and gravel Permit ID: M1978146 Primary Product: Sand and gravel Permit ID: M1995101 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 5.850 Estimated Annual Production: None reported in 2002 Comments: Comments: Shut-in Operator: Logan County (government) Operator: City of Sterling (government) Address: 315 Main St. Address: 12403 CR 29 Sterling CO 80751-0000 Sterling 80751-0400 CO Contact: Strohson Ken Telephone: (303) 522-7879 Contact: Mike Telephone: (970) 522-9700 Jackson Formation Name: Ogallala-derived gravel Geologic Age: Tertiary Formation Name: Alluvium Geologic Age: Quaternary

1124 Bob Terrill Clay Pit County: Logan 1125 Mineral County Pit County: Mineral N R 51 W T 40 N R 1 w Section: 6 Qtr Sec: SE Topo Map: Reiradon Hill Section: 32 Qtr Sec: Topo Map: Workman Creek Primary Product: Bentonite Permit ID: M1999029 Primary Product: Sand and gravel Permit ID: M1984097 2nd Product: Commodity Type: Industrial mineral 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 2.600 Estimated Annual Production: 16.250 Comments: Mined for landfill capping and lining Comments: Operator: Mineral County Operator: Logan County (government) (government) Address: P.O. Box 70 Address: 315 Main St. 80751-0000 Creede 81130-0000 Sterling CO CO Strohson Ken Telephone: (970) 522-0888 Contact: Cahill Leslie Telephone: (719) 658-2360 Contact: Formation Name: Pierre Shale Geologic Age: Upper Cretaceous Formation Name: Glacial drift Geologic Age: Ouaternary County: Moffat County: Moffat 1126 Big Burn Pit No 17 1127 Butler Sand No 34 T 11 N R 90 Section: 33 Qtr Sec: N N R 91 Topo Map: Willow Creek Butte Section: 20 Qtr Sec: NF. Topo Map: Craig NE Primary Product: Sand and gravel Permit ID: M1978007 Primary Product: Sand and gravel Permit ID: M1983098 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: None reported in 2002 Comments: Shut-in Comments: Shut-in Operator: Moffat County (government) Operator: Moffat County (government) Address: P.O. Box 667 Address: P.O. Box 667 Craig CO 81626-0000 Craig CO 81626-0000 Jones Contact: Dennis Telephone: (970) 824-3211 Contact: Jones Dennis Telephone: (970) 824-3211 Formation Name: Gravel Geologic Age: Quaternary Formation Name: Alluvium Geologic Age: Quaternary County: Moffat County: Moffat 1128 Cross Mountain Pit 1 1129 Levkulich Pit No 1 T 12 N R 90 W IT 17 | N | IR 198 | W | Section: 17 Qtr Sec: S Section: 15 Qtr Sec: NE Topo Map: Savery Topo Map: Lone Mountain Permit ID: M1993023 Primary Product: Borrow rock Primary Product: Sand and gravel Permit ID: M1989087 Commodity Type: Aggregate 2nd Product: 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: None reported in 2002 Comments: Shut-in Comments: Shut-in Operator: Moffat County (government) Operator: Moffat County (government) Address: P.O. Box 667 Address: P.O. Box 667 CO 81626-0000 Craig CO 81626-0000 Craig

Contact:

Jones

Formation Name: Alluvium

Dennis

Telephone: (970) 824-3211

Geologic Age: Ouaternary

Jones

Formation Name: Alluvium

Dennis

Telephone: (970) 824-3211

Geologic Age: Ouaternary

Contact:

County: Moffat County: Moffat 1130 Little Snake Pit #26 1131 Lyons Pit No 2 T 9 N R 96 W T 6 N R 90 W Section: 9 Qtr Sec: NE Topo Map: The Nipple Section: 2 Qtr Sec: S Topo Map: Ralph White Lake Primary Product: Sand and gravel Permit ID: M1999048 Primary Product: Sand and gravel Permit ID: M1980248 2nd Product: Commodity Type: Aggregate Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: None reported in 2002 Comments: Shut-in Comments: Shut-in Operator: Moffat County (government) Operator: Moffat County (government) Address: P.O. Box 667 Address: P.O. Box 667 CO 81626-0000 Craig CO 81626-0000 Craig Contact: Telephone: (970) 824-3211 Dennis Contact: Dennis Telephone: (970) 824-3211 Jones Jones Formation Name: Alluvium Geologic Age: Ouaternary Formation Name: Alluvium Geologic Age: Quaternary County: Moffat County: Moffat 1132 | Mantle Pit #3 1133 Powderwash Pit No 19 T | 5 | N | R | 102 | W | Section: 18 Qtr Sec: NE Topo Map: Hells Canyon |T | 11 | N | |R | 97 | W | Section: 20 Qtr Sec: N Topo Map: Powder Wash Primary Product: Sand and gravel Permit ID: M1998047 Primary Product: Sand and gravel Permit ID: M1978008 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: None reported in 2002 Comments: Shut-in Comments: Shut-in Operator: Moffat County (government) Operator: Moffat County (government) Address: P.O. Box 667 Address: P.O. Box 667 Craig CO 81626-0000 CO 81626-0000 Craig Contact: Dennis Telephone: (970) 823-3211 Contact: Telephone: (970) 824-3211 Jones Mack Billy Formation Name: Alluvium Formation Name: Gravel Geologic Age: Quaternary Geologic Age: Quaternary County: Moffat County: Moffat 1134 | Raftopoulos Pit #1 1135 | Refuge Pit #1 T 11 N R 95 W Section: 9 Qtr Sec: S T 10 N R 103 W Topo Map: Lodore School Topo Map: The Nipple NE Section: 10 Qtr Sec: S Primary Product: Sand and gravel Permit ID: M1998003 Primary Product: Sand and gravel Permit ID: M1989112 2nd Product: Commodity Type: Aggregate Commodity Type: Aggregate 2nd Product: Mine Type: Surface 3rd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: None reported in 2002 Comments: Shut-in Comments: Shut-in Operator: Moffat County (government) Operator: Moffat County (government) Address: P.O. Box 667 Address: P.O. Box 667 Craig CO 81626-0000 81626-0000 Craig CO Dennis Contact: Mack Billy Telephone: (970) 824-3211 Contact: Jones Telephone: (970) 824-3211 Formation Name: Alluvium Geologic Age: Quaternary Formation Name: Alluvium Geologic Age: Quaternary

County: Moffat 1137 Smith Pit No 20 County: Moffat 1136 Sandrock Mine No 2 N R 96 W Section: 22 Qtr Sec: NE Topo Map: Sunbeam T 12 N R 93 W Section: 18 Qtr Sec: N Topo Map: McPherson Springs Permit ID: M1988124 Primary Product: Sand and gravel Primary Product: Sand and gravel Permit ID: M1978085 Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 48.000 Estimated Annual Production: None reported in 2002 Comments: Shut-in Comments: Operator: Moffat County Operator: Moffat County (government) (government) Address: P.O. Box 667 Address: P.O. Box 667 Craig CO 81626-0000 Craig CO 81626-0000 Mack Billy Telephone: (970) 824-3211 Contact: Contact: Mack Billy Telephone: (970) 824-3211 Formation Name: Alluvium Geologic Age: Ouaternary Formation Name: Alluvium Geologic Age: Quaternary County: Moffat County: Moffat 1138 ||Sunbeam Pit #1 1139 Sweenev Pit No 30 T 7 N R 96 W Section: 16 Qtr Sec: S Topo Map: Sunbeam Section: 35 Qtr Sec: NF. Topo Map: Juniper Hot Springs Primary Product: Sand and gravel Primary Product: Sand and gravel Permit ID: M2002059 Permit ID: M1980239 Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: 2,000 (projected) Comments: Shut-in Comments: Operator: Moffat County (government) Operator: Moffat County (government) Address: 822 E 1st Address: P.O. Box 667 Craig CO 81626-0000 81626-0000 Craig CO Contact: Mack Billy Telephone: (970) 824-3211 Contact: Jones Dennis Telephone: (970) 824-9249 Formation Name: Alluvium Geologic Age: Quaternary Formation Name: Alluvium Geologic Age: Ouaternary County: Moffat County: Moffat 1141 | Villard Pit #2 1140 Tuttle Pit No 1 T 10 N R 90 W T 5 N R 99 W Section: 26 Qtr Sec: NE Topo Map: Elk Springs Section: 31 Qtr Sec: SE Topo Map: Fortification Primary Product: Borrow rock Permit ID: M1992007 Primary Product: Sand and gravel Permit ID: M2000033 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: 44,937 Comments: Comments: Shut-in Operator: Moffat County (government) Operator: Moffat County (government) Address: P.O. Box 667 Address: P.O. Box 667 CO 81626-0000 CO 81626-0000 Craig Craig Billy Telephone: (970) 824-3211 Contact: Mack Contact: Mack Billy Telephone: (970) 824-3211 Formation Name: Landslide alluvium Geologic Age: Ouaternary Formation Name: Landslide alluvium Geologic Age: Quaternary

County: Moffat 1143 | Wilderness Ranch County: Moffat 1142 West of Maybell Pit T 11 N R 89 W T 7 N R 95 W Section: 31 Qtr Sec: S Topo Map: Maybell Section: 21 Qtr Sec: NE Topo Map: Bakers Peak Primary Product: Sand and gravel Permit ID: M1986089 Primary Product: Sand and gravel Permit ID: M1979142 Commodity Type: Aggregate Commodity Type: Aggregate 2nd Product: 2nd Product: 3rd Product: 3rd Product: Mine Type: Surface Mine Type: Surface Estimated Annual Production: 2,700 Estimated Annual Production: None reported in 2002 Comments: Shut-in Comments: Operator: Colorado Division of Highways (government) (government) Operator: Moffat County Address: P.O. Box 667 Address: 4340 E. Louisiana Ave. CO 80222-0000 Denver Craig CO 81626-0000 Telephone: (303) 757-9269 Contact: Prieve Eric Contact: Jones Dennis Telephone: (970) 824-3211 Geologic Age: Quaternary Formation Name: Alluvium Formation Name: Alluvium Geologic Age: Ouaternary County: Montezuma County: Montezuma 1145 Gardner Pit 1144 Baumgartner Gravel Pit T 37 N R 19 W T 37 N R 15 W Section: 8 Qtr Sec: NE Topo Map: Negro Canyon Section: 13 Qtr Sec: SE Topo Map: Dolores East Primary Product: Sandstone Permit ID: M1999068 Primary Product: Sand and gravel Permit ID: M1985172 Commodity Type: Aggregate Commodity Type: Aggregate 2nd Product: Gravel 2nd Product: 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: 88,400 Comments: Shut-in Comments: Operator: Montezuma County (government) (government) Operator: Montezuma County Address: 109 W. Main, Rm. 302 Address: 1680 Hwv. 145 81321-0000 CO 81321-0000 Cortez CO Cortez Telephone: (970) 565-8666 Contact: Weaver Tom Telephone: (970) 565-8252 Contact: Everett Lloyd Formation Name: Alluvium Geologic Age: Quaternary Formation Name: Dakota Sandstone Geologic Age: Cretaceous County: Montezuma 1146 Mancos Gravel Pit County: Montezuma 1147 Tozer Pit T 36 N R 13 W Section: 22 Qtr Sec: Topo Map: Mancos T 36 N R 18 W Section: 36 Qtr Sec: SE Topo Map: Battle Rock Primary Product: Sand and gravel Primary Product: Sand and gravel Permit ID: M1978107 Permit ID: M1985031 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: 45,500 Estimated Annual Production: None reported in 2002 Comments: Comments: Shut-in (government) (government) Operator: Montezuma County Operator: Montezuma County Address: 1680 Hwy. 145 Address: 1680 Hwy. 145 Cortez 81321-0000 81321-0000 CO Cortez CO Contact: Everett Lloyd Telephone: (970) 565-8666 Contact: Everett Lloyd Telephone: (970) 565-8666 Formation Name: Gravel Geologic Age: Ouaternary Formation Name: Alluvium Geologic Age: Ouaternary

County: Montrose BLM Olathe Pit County: Montrose 1149 BLM/West End Pit 1148 T 50 N R 11 W. T 46 N R 15 W Section: 26 Qtr Sec: N Topo Map: Hoovers Corner Section: 17 Qtr Sec: N Topo Map: Naturita Primary Product: Sandstone Permit ID: M1986037 Primary Product: Sand and gravel Permit ID: M1992017 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: 12,000 Estimated Annual Production: None reported in 2002 Comments: Shut-in Comments: Operator: Montrose County (government) Operator: Colorado Division of Highways (government) Address: 4340 E. Louisiana Ave. Address: 161 S. Townsend CO 80222-0000 Montrose CO Denver 81401-0000 Eric Contact: Prieve Telephone: (303) 757-9269 Contact: Wilson Brian Telephone: (970) 249-7755 Formation Name: Dakota Sandstone Geologic Age: Cretaceous Formation Name: Alluvium Geologic Age: Quaternary County: Montrose County: Montrose 1150 Cedar Creek Pit 1151 City of Montrose Pit T 49 N R 8 T 48 N R 9 Section: 25 Qtr Sec: SE Topo Map: Cerro Summit Section: 5 Qtr Sec: NE Topo Map: Montrose West Primary Product: Sand and gravel Permit ID: M1977407 Primary Product: Sand and gravel Permit ID: M1983155 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 7,000 Estimated Annual Production: 200 Comments: Comments: Operator: Montrose County (government) Operator: City of Montrose (government) Address: 161 S. Townsend Address: P.O. Box 790 Montrose CO 81401-0000 Montrose CO 81402-0000 Contact: Wilson Brian Telephone: (970) 249-7755 Contact: Larry Telephone: (970) 240-1482 Ryser Formation Name: Gravel Geologic Age: Ouaternary Formation Name: Alluvium Geologic Age: Quaternary 1152 Fruitland Mesa Pit County: Montrose 1153 Grizzly Ridge Pit County: Montrose T 51 N R 6 W T 50 N R 7 $|\mathbf{w}|$ Section: 20 Qtr Sec: Topo Map: Crawford Section: 10 Qtr Sec: N Topo Map: Grizzley Ridge Primary Product: Gravel Permit ID: M1991010 Primary Product: Sand and gravel Permit ID: M1984152 Commodity Type: Aggregate Commodity Type: Aggregate 2nd Product: 2nd Product: 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: 2,000 Comments: Shut-in Comments: Operator: Montrose County Operator: Delta County (government) (government) Address: 161 S. Townsend Address: 501 Palmer St., Ste. 227 Delta CO 81416-0000 Montrose CO 81401-0000 Telephone: (970) 874-2100 Contact: Contact: Wilson Brian Telephone: (970) 249-7755 Record Larry Formation Name: Alluvium Geologic Age: Ouaternary Formation Name: Alluvium Geologic Age: Ouaternary

County: Montrose County: Montrose 1154 Hogback Pit 1155 | Neal Pit T 50 N R 10 W T 48 N R 9 W Section: 5 Qtr Sec: S Topo Map: Montrose West Section: 17 Qtr Sec: S Topo Map: Hoovers Corner Primary Product: Sand and gravel Permit ID: M1983207 Primary Product: Sand and gravel Permit ID: M1983148 Commodity Type: Aggregate 2nd Product: 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 12,000 Estimated Annual Production: 7,000 Comments: Comments: Operator: Montrose County (government) Operator: Montrose County (government) Address: Address: 161 S. Townsend 161 S. Townsend Montrose CO 81401-0000 Montrose CO 81401-0000 Contact: Brian Telephone: (970) 249-9791 Telephone: (970) 249-9791 Wilson Contact: Wilson Brian Formation Name: Alluvium Geologic Age: Ouaternary Formation Name: Gravel Geologic Age: Ouaternary County: Montrose 1156 Shavano Pit 1157 || Soderquist Pit County: Montrose T 48 N R 10 W Topo Map: Montrose West T 48 N R 6 Section: 11 Qtr Sec: N W Section: 29 Qtr Sec: SE Topo Map: Cimarron Primary Product: Sand and gravel Permit ID: M1987151 Primary Product: Sand and gravel Permit ID: M1983208 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: 3rd Product: Mine Type: Surface Mine Type: Surface Estimated Annual Production: 11,000 Estimated Annual Production: 1,000 Comments: Comments: Operator: Montrose County (government) Operator: Montrose County (government) Address: 161 S. Townsend Address: 161 S. Townsend Montrose CO 81402-0000 Montrose CO 81401-0000 Contact: Hunt Kevin Telephone: (970) 252-4522 Contact: Wilson Brian Telephone: (970) 249-7755 Formation Name: Gravel Geologic Age: Quaternary Formation Name: Landslide alluvium Geologic Age: Ouaternary 1158 Triple R Gravel Pit County: Montrose 1159 Etchison Pit County: Morgan T 47 N R 8 N R 60 Section: 7 Qtr Sec: NE Topo Map: Colona Section: 8 Qtr Sec: N Topo Map: Masters Primary Product: Sand and gravel Primary Product: Sand and gravel Permit ID: M1978253 Permit ID: M1991097 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: None reported in 2002 Estimated Annual Production: 56,550 Comments: Shut-in Comments: Operator: Ouray County (government) Operator: Colorado Division of Highways (government) Address: P.O. Box 456 Address: 4340 E. Louisiana Ave. 81432-0000 Ridgeway CO Denver CO 80222-0000 Contact: Wolford Bob Telephone: (970) 626-5391 Telephone: (303) 757-9432 Contact: Ksouri Ilyess Formation Name: Alluvium Geologic Age: Ouaternary Geologic Age: Quaternary Formation Name: Alluvium

County: Morgan County: Morgan 1161 Kula Gravel Pit 1160 | Harvey Green Pit T 6 N R 56 W N R 57 W Section: 24 Qtr Sec: S T 4 Topo Map: Antelope Springs Section: 33 Qtr Sec: S Topo Map: Fort Morgan Primary Product: Sand and gravel Permit ID: M1978162 Primary Product: Sand and gravel Permit ID: M1985200 Commodity Type: Aggregate Commodity Type: Aggregate 2nd Product: 2nd Product: 3rd Product: 3rd Product: Mine Type: Surface Mine Type: Surface Estimated Annual Production: 81,410 Estimated Annual Production: None reported in 2002 Comments: Comments: Shut-in Operator: Morgan County (government) Operator: Morgan County (government) Address: 17303 CR S Address: 17303 CR S 80701-0000 Ft Morgan CO Ft Morgan CO 80701-0000 Contact: Baltazar Joe Telephone: (970) 867-9446 Contact: Telephone: (970) 867-9446 Baltazar Joe Formation Name: Gravel Geologic Age: Ouaternary Formation Name: Alluvium Geologic Age: Quaternary County: Morgan 1163 Vancil Pit County: Morgan 1162 Nicholson Gravel Pit T 6 N R 56 W N R 55 W Section: 24 Qtr Sec: SE Topo Map: Messex Topo Map: Dead Horse Springs T |5 Section: 4 Qtr Sec: S Primary Product: Sand and gravel Permit ID: M1986048 Primary Product: Sand and gravel Permit ID: M1979210 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 51.940 Estimated Annual Production: None reported in 2002 Comments: Shut-in Comments: Operator: Morgan County Operator: Washington County (government) (government) Address: 150 Ash St. Address: 17303 CR S Akron CO 80720-0000 Ft Morgan CO 80701-0000 Willie Contact: Contact: Telephone: (970) 345-2337 Baltazar Joe Telephone: (970) 867-9446 Sanders Formation Name: Gravel Formation Name: Gravel Geologic Age: Ouaternary Geologic Age: Ouaternary County: Otero County: Otero 1164 Argo Gravel Pit 1165 | Cuckow Grave Pit T 22 S R 58 W Section: 28 Qtr Sec: S T 23 S R 55 W Section: 30 Qtr Sec: N Topo Map: Elder Topo Map: Cheraw Primary Product: Sand and gravel Permit ID: M1978267 Primary Product: Sand and gravel Permit ID: M1983188 Commodity Type: Aggregate 2nd Product: 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: 25,000 Comments: Shut-in Comments: Operator: Otero County (Engineering) Operator: Otero County (Engineering) (government) (government) Address: P.O. Box 511 Address: P.O. Box 511 La Junta 81050-0000 81050-0000 La Junta CO Contact: Parker Kenneth Telephone: (719) 383-3035 Contact: Parker Kenneth Telephone: (719) 383-3035 Formation Name: Alluvium Geologic Age: Ouaternary Formation Name: Alluvium Geologic Age: Ouaternary

County: Otero County: Otero 1167 | Reed Pit 1166 Hancock Gravel Pit T 23 S R 55 W T 23 S R 57 W Section: 26 Qtr Sec: NE Section: 30 Qtr Sec: NE Topo Map: Cheraw Topo Map: Rocky Ford Primary Product: Sand and gravel Permit ID: M1981279 Primary Product: Sand and gravel Permit ID: M1991088 Commodity Type: Aggregate 2nd Product: 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 25,000 Estimated Annual Production: 10,000 Comments: Comments: Operator: Otero County (Engineering) (government) Operator: Otero County (Engineering) (government) Address: P.O. Box 511 Address: P.O. Box 511 CO 81050-0000 CO 81050-0000 La Junta La Junta Contact: Parker Kenneth Telephone: (719) 383-3035 Contact: Parker Kenneth Telephone: (719) 383-3035 Formation Name: Gravel Geologic Age: Ouaternary Formation Name: Alluvium Geologic Age: Ouaternary County: Ouray County: Park 1168 Dallas Gravel Pit 1169 | Anslev Pit No 2 T 45 N R 8 W T 10 S R 77 W Section: 3 Qtr Sec: N Section: 11 Qtr Sec: S Topo Map: Dallas Topo Map: Fairplay East Primary Product: Gravel Permit ID: M1978268 Primary Product: Gravel Permit ID: M1995027 Commodity Type: Aggregate Commodity Type: Aggregate 2nd Product: 2nd Product: Mine Type: Surface 3rd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: 35,750 Estimated Annual Production: 12.000 Comments: Comments: Operator: Ouray County (government) Operator: Park County (government) Address: P.O. Box 456 Address: P.O. Box 147 Ridgeway CO 81432-0000 Fairplay CO 80440-0000 Contact: Wolford Bob Telephone: (970) 626-5391 Contact: Keith Doug Telephone: (719) 836-4270 Geologic Age: Ouaternary Formation Name: Alluvium Geologic Age: Quaternary Formation Name: Gravel County: Park 1171 Dave Nash Pit County: Park 1170 Chaparral 2 T 13 S R 72 W Topo Map: Witcher Mountain Section: 30 Qtr Sec: S T 15 S R 72 W Section: 18 Qtr Sec: NE. Topo Map: Elevenmile Canyon Primary Product: Sand and gravel Permit ID: M1997035 Primary Product: Sand and gravel Permit ID: M1980015 2nd Product: 2nd Product: Commodity Type: Aggregate Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 50,000 Estimated Annual Production: 3,250 Comments: Comments: (government) Operator: Park County (government) Operator: Teller County Address: P.O. Box 147 Address: P.O. Box 277 CO 80440-0000 Woodland Park CO 80866-0277 Fairplay Contact: Keith Doug Telephone: (719) 836-4270 Contact: Pflug Telephone: (719) 687-8812 Barry Formation Name: Alluvium Formation Name: Alluvium Geologic Age: Ouaternary Geologic Age: Quaternary

County: Park County: Park 1173 Jefferson Flat Pit 1172 Eleven Mile Pit S R 75 W T 12 S R 73 W T 8 Section: 32 Qtr Sec: NE Topo Map: Fairplay East Section: 6 Qtr Sec: NE Topo Map: Jefferson Permit ID: M1980014 Primary Product: Sand and gravel Primary Product: Sand and gravel Permit ID: M1980252 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: <10,000 Estimated Annual Production: Minimal Comments: Comments: Operator: Park County (government) Operator: Park County (government) Address: P.O. Box 147 Address: P.O. Box 147 Fairplay CO 80440-0000 Fairplay CO 80440-0000 Vance Contact: Vance Robert Telephone: (719) 836-4283 Contact: Robert Telephone: (719) 836-2771 Formation Name: Gravel Geologic Age: Quaternary Formation Name: Gravel Geologic Age: Quaternary County: Phillips County: Phillips 1175 Groshans Pit 1174 Austin Pit N R 45 W Topo Map: Holyoke NW Section: 11 Qtr Sec: SE Section: 19 Qtr Sec: NE Topo Map: Holyoke Permit ID: M1998008 Primary Product: Sand and gravel Permit ID: M1986047 Primary Product: Sand and gravel Commodity Type: Aggregate 2nd Product: 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 5 100 Estimated Annual Production: 14,000 Comments: Comments: Operator: Phillips County (government) Operator: Phillips County (government) 221 S. Interocean Address: 221 S. Interocean Address: Holvoke CO 80734-0000 Holyoke CO 80734-0000 Telephone: (970) 854-3778 Randy Contact: Randy Contact: Schafer Telephone: (970) 854-3778 Schafer Formation Name: Ogallala-derived gravel Geologic Age: Tertiary Formation Name: Ogallala-derived gravel Geologic Age: Tertiary County: Phillips 1177 Kennedy Pit County: Phillips 1176 Johnson Pit N R 43 W N | R | 47 | W | Section: 32 Qtr Sec: N Topo Map: Rockland Section: 21 Qtr Sec: SE Topo Map: Amherst SW Primary Product: Sand and gravel Permit ID: M1994007 Primary Product: Sand and gravel Permit ID: M1990116 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 13.700 Estimated Annual Production: 8.500 Comments: Comments: Operator: Phillips County (government) Operator: Phillips County (government) 221 S. Interocean Address: 221 S. Interocean Address: CO 80734-0000 CO 80734-0000 Holvoke Holyoke Telephone: (970) 854-3778 Contact: Schafer Randy Telephone: (970) 854-3778 Contact: Schafer Randy Geologic Age: Tertiary Formation Name: Ogallala-derived gravel Geologic Age: Tertiary Formation Name: Ogallala-derived gravel

County: Phillips County: Phillips 1178 Kramer Pit 1179 Town of Haxtun Pit T 7 N R 43 W T 8 N R 47 W Section: 35 Qtr Sec: N Topo Map: Amherst SE Section: 31 Qtr Sec: S Topo Map: Rockland Primary Product: Sand and gravel Permit ID: M1999087 Permit ID: M1990077 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate Commodity Type: Aggregate 2nd Product: Mine Type: Surface 3rd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: None reported in 2002 Comments: Shut-in Comments: Mined on as-needed basis Operator: Phillips County (government) Operator: Town of Haxtun (government) Address: 221 S. Interocean P. O. Box 205 Address: Holyoke CO 80734-0000 Haxtun CO 80731-0000 Contact: Telephone: (970) 854-3778 Contact: George Telephone: (970) 774-6104 Schafer Randy Michael Formation Name: Ogallala-derived gravel Geologic Age: Tertiary Formation Name: Ogallala-derived gravel Geologic Age: Tertiary County: Phillips County: Phillips 1180 Willmon Pit 1181 Woodmancy Pit T 7 N R 43 W N R 45 W Section: 19 Qtr Sec: Topo Map: Amherst SW Section: 32 Qtr Sec: NE Topo Map: Holyoke NW Primary Product: Sand and gravel Permit ID: M1983100 Primary Product: Sand and gravel Permit ID: M1989019 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 130 Estimated Annual Production: 5,900 Comments: Comments: Operator: City of Holyoke (government) Operator: Phillips County (government) Address: 407 E. Denver St. Address: 221 S. Interocean Holyoke CO 80734-0000 Holyoke CO 80734-0000 Contact: Telephone: (970) 854-2266 Brown Mark Contact: Schafer Telephone: (970) 854-3778 Randy Formation Name: Ogallala-derived gravel Geologic Age: Tertiary Formation Name: Ogallala-derived gravel Geologic Age: Tertiary County: Phillips County: Pitkin 1182 | Schneller Clay Pit 1183 | Independence Pass N R 43 T 11 S R 83 Topo Map: Indepenence Pass Section: 19 Qtr Sec: N Topo Map: Alvin NW Section: 2 Qtr Sec: NE Primary Product: Clay Permit ID: M1989095 Primary Product: Sand and gravel Permit ID: M1984103 2nd Product: Commodity Type: Industrial mineral 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 4,100 Estimated Annual Production: None reported in 2002 Comments: Comments: Shut-in Operator: Phillips County (government) Operator: Colorado Division of Highways (government) Address: 221 S. Interocean Address: 4340 E. Louisiana Ave. Holyoke CO 80734-0000 Denver CO 80222-0000 Contact: Schafer Randy Telephone: (970) 854-3778 Eric Contact: Prieve Telephone: (303) 757-9269 Formation Name: Eolian silt/loess Geologic Age: Ouaternary Formation Name: Alluvium Geologic Age: Quaternary

County: Prowers County: Prowers 1185 Blackwell Gravel Pit 1184 Bates Pit T 21 S R 42 W T 23 S R 42 W Section: 6 Qtr Sec: S Topo Map: Holly West Section: 4 Qtr Sec: N Topo Map: Lake Devore Permit ID: M1977387 Permit ID: M1983115 Primary Product: Sand and gravel Primary Product: Sand and gravel Commodity Type: Aggregate 2nd Product: 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Estimated Annual Production: None reported in 2002 Comments: Comments: Operator: Prowers County Operator: Kiowa County (government) (government) Address: 109 E. Sherman St Address: P.O. Box 100 Lamar 81052-0000 Fads 81036-0000 CO CO Contact: Garcia Tony Telephone: (719) 537-6631 Contact: McDaniel Richard Telephone: (719) 438-5810 Formation Name: Alluvium Geologic Age: Ouaternary Formation Name: Ogallala-derived gravel Geologic Age: Tertiary County: Prowers 1187 Brann Pit County: Prowers 1186 Bond Pit T 27 S R 43 W T 27 S R 45 W Section: 7 Otr Sec: Topo Map: Plains Community Section: 4 Otr Sec: Topo Map: Two Buttes NW Primary Product: Sand and gravel Permit ID: M1984135 Primary Product: Sand and gravel Permit ID: M1984136 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: None reported in 2002 Comments: Shut-in Comments: Shut-in Operator: Prowers County (government) Operator: Prowers County (government) 301 S. Main ST. Ste. 215 Address: 109 E. Sherman St. Address: Lamar CO 81052-2868 Lamar CO 81052-0000 Contact: Contact: Garcia Tony Telephone: (719) 336-8025 Dorenkamp Mark Telephone: (719) 336-5536 Formation Name: Alluvium Geologic Age: Ouaternary Formation Name: Alluvium Geologic Age: Quaternary 1188 City of Granada Pit County: Prowers 1189 Davis Pit County: Prowers T |23 |S | R |44 |W | T 22 S R 44 W Section: 14 Qtr Sec: S Topo Map: Granada Section: 19 Qtr Sec: N Topo Map: Granada NE Primary Product: Borrow rock Permit ID: M1979025 Primary Product: Sand and gravel Permit ID: M2002062 Commodity Type: Aggregate 2nd Product: 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Estimated Annual Production: 10,000 (projected) Comments: Comments: Operator: Prowers County (government) Operator: Prowers County (government) Address: P.O. Box 1046 Address: 301 S. Main St., Ste. 2 CO 81052-0000 Lamar CO 81052-0000 Lamar Contact: Mark Telephone: (719) 336-5536 Contact: Mark Telephone: (719) 336-8025 Dorenkamp Dorencamp Formation Name: Alluvium Formation Name: Alluvium Geologic Age: Ouaternary Geologic Age: Ouaternary

County: Prowers 1191 Jewel Seufer Pit County: Prowers 1190 Gentz Gravel Pit T 21 S R 46 W Section: 9 Qtr Sec: NE Topo Map: May Valley T 22 S R 42 W Section: 27 Qtr Sec: NE Topo Map: Holly East Permit ID: M1977411 Primary Product: Sand and gravel Permit ID: M1983116 Primary Product: Sand and gravel Commodity Type: Aggregate Commodity Type: Aggregate 2nd Product: 2nd Product: 3rd Product: 3rd Product: Mine Type: Surface Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: None reported in 2002 Comments: Comments: Shut-in Operator: Kiowa County (government) (government) Operator: Prowers County Address: P.O. Box 100 Address: 109 E. Sherman St. Eads CO 81036-0000 Lamar CO 81052-0000 Contact: Hopkins Rodney Telephone: (719) 438-5810 Contact: Garcia Tony Telephone: (719) 537-6631 Formation Name: Eolian sand Geologic Age: Ouaternary Formation Name: Gravel Geologic Age: Ouaternary County: Prowers County: Prowers 1192 Jim Rogers Pit 1193 Jones Pit East T 22 S R 46 W Section: 26 Qtr Sec: N Topo Map: Lamar East T 22 S R 43 W Section: 30 Qtr Sec: SE Topo Map: Granada Primary Product: Sand and gravel Primary Product: Sand and gravel Permit ID: M1997016 Permit ID: M1987009 Commodity Type: Aggregate 2nd Product: 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 25.674 Estimated Annual Production: Intermittent production Comments: Comments: Operator: Prowers County (government) (government) Operator: Prowers County Address: 109 E. Sherman St. Address: 301 S. Main, Ste. 215 81052-0000 CO 81052-0000 Lamar CO Lamar Contact: Dorenkamp Mark Telephone: (719) 336-5536 Contact: Dorenkamp Mark Telephone: (719) 336-5536 Geologic Age: Quaternary Formation Name: Alluvium Formation Name: Alluvium Geologic Age: Ouaternary County: Prowers 1194 | Lamar Park Grav Pit County: Prowers 1195 Randy Shaw Pit T 22 S R 46 W Section: 29 Qtr Sec: S Topo Map: Lamar East T 27 S R 45 W Section: 13 Qtr Sec: Topo Map: Two Buttes NW Primary Product: Sand and gravel Permit ID: M1987078 Primary Product: Sand and gravel Permit ID: M1984134 Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Mine Type: Surface 3rd Product: Estimated Annual Production: 200 Estimated Annual Production: 30,000 Comments: Comments: Operator: City of Lamar (government) Operator: Prowers County (government) Address: 102 E. Parmenter St. Address: 109 E. Sherman St. Lamar CO 81052-0000 CO 81052-0000 Lamar Contact: Mason Patrick Telephone: (719) 336-4495 Contact: Prowers Mark Telephone: (719) 336-5536 Formation Name: Alluvium Geologic Age: Ouaternary Formation Name: Alluvium Geologic Age: Ouaternary

County: Prowers County: Prowers 1196 S W Neill Pit 1197 Walker Pit North T 23 S R 42 W Section: 12 Qtr Sec: NE Topo Map: Holly East T 23 S R 46 W Section: 33 Qtr Sec: Topo Map: Lamar East Primary Product: Sand and gravel Permit ID: M1983190 Primary Product: Sand and gravel Permit ID: M1984140 Commodity Type: Aggregate 2nd Product: 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: None reported in 2002 Estimated Annual Production: 63.206 Comments: Comments: Shut-in (government) Operator: Prowers County (government) Operator: Prowers County Address: 15678 Hwy, 50 Address: 109 E. Sherman St. Lamar CO 81052-2868 Lamar CO 81052-0000 Contact: Koehn Donald Telephone: (719) 336-5536 Contact: Garcia Tony Telephone: (719) 537-6631 Formation Name: Alluvium Geologic Age: Quaternary Formation Name: Alluvium Geologic Age: Ouaternary County: Prowers County: Prowers 1198 Walker Pit South 1199 Weeden Pit No 30 T 24 S R 46 W T 27 S R 44 W Section: 32 Qtr Sec: Topo Map: Cat Creek NE Section: 21 Qtr Sec: SE Topo Map: Plains Community Permit ID: M1984141 Primary Product: Gravel Permit ID: M1993087 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: Intermittent production Comments: Shut-in Comments: Operator: Baca County (government) (government) Operator: Prowers County Address: 109 E. Sherman St. Address: 741 Main St. Springfield CO 81073-0000 Lamar CO 81052-0000 Donald Contact: Koehn Telephone: (719) 336-5536 Contact: Miller Ray Telephone: (719) 523-6532 Formation Name: Alluvium Formation Name: Alluvium Geologic Age: Quaternary Geologic Age: Ouaternary 1200 Well Field Pit County: Prowers 1201 Everhart Pit County: Pueblo T 21 S R 68 W |T |23 |S ||R |46 |W| Section: 15 Qtr Sec: N Section: 15 Qtr Sec: Topo Map: Lamar East Topo Map: Owl Canyon Primary Product: Sand and gravel Permit ID: M1984154 Primary Product: Gravel Permit ID: M1997081 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: 50,000 Estimated Annual Production: 150 Comments: Comments: Operator: City of Lamar (government) Operator: Pueblo County (government) Address: 102 E. Parmenter St. Address: 33601 United Ave. Lamar CO 81052-3239 Pueblo CO 81001-0000 Patricia Telephone: (719) 336-4495 Contact: Coffee Telephone: (719) 583-6040 Contact: Mason Patrick Formation Name: Alluvium Formation Name: Alluvium Geologic Age: Quaternary Geologic Age: Ouaternary

County: Pueblo County: Pueblo 1202 Mountain Shadows Pit 1203 Nepesta Hills Pit T 24 S R 67 W Section: 33 Qtr Sec: S Topo Map: Rve T 21 S R 60 W Section: 29 Qtr Sec: NF Topo Map: Fowler Permit ID: M1985169 Primary Product: Sand and gravel Permit ID: M1979158 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: None reported in 2002 Estimated Annual Production: N/A Comments: Comments: Shut-in Operator: Colorado City Metropolitan District (government) (government) Operator: Pueblo County Address: 4497 Bent Brothers Blvd Address: 33601 United Ave. Colorado Spring CO 81019-0000 Pueblo CO 81001-0000 Telephone: (719) 676-3396 Contact: Main Frank Contact: Coffee Patricia Telephone: (719) 583-6040 Formation Name: Gravel Geologic Age: Ouaternary Formation Name: Alluvium Geologic Age: Ouaternary 1205 || East Douglas Creek Gravel Pit County: Rio Blanco 1204 Baxter Pass Gravel Pit County: Rio Blanco S R 10 W Section: 13 Qtr Sec: N Topo Map: Brushy Point S R 101 W Section: 36 Qtr Sec: S Topo Map: White Coyote Draw Primary Product: Gravel Permit ID: M2000037 Primary Product: Gravel Permit ID: M1998054 2nd Product: 2nd Product: Commodity Type: Aggregate Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: None reported in 2002 Comments: Shut-in Comments: Shut-in Operator: Rio Blanco County (government) Operator: Rio Blanco County (government) Address: 570 2nd St. Address: 570 2nd St. Meeker CO 81641-0000 Meeker CO 81641-0000 Contact: Steele Jerry Telephone: (970) 675-8644 Contact: Steele Jerry Telephone: (970) 878-5601 Formation Name: Alluvium Geologic Age: Quaternary Formation Name: Alluvium Geologic Age: Ouaternary County: Rio Blanco County: Rio Blanco 1206 Johnson Draw 1207 N Of Douglas Pass T 1 N R 102 W S R 102 W Section: 25 Qtr Sec: NE Topo Map: Texas Mountain Section: 10 Qtr Sec: N Topo Map: Rangley Primary Product: Gravel Permit ID: M1995046 Primary Product: Shale Permit ID: M1981043 Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: 10 Comments: Shut-in Comments: Shut-in Operator: Rio Blanco County (government) Operator: Colorado Division of Highways (government) Address: 570 2nd St. Address: 4340 E. Louisiana Ave. Meeker 81641-0000 Denver CO 80222-0000 CO Contact: Telephone: (970) 878-5601 Fric Steele Jerry Contact: Prieve Telephone: (303) 757-9269

Formation Name: Upper Mesa Verde Group

Geologic Age: Cretaceous

Geologic Age: Quaternary

Formation Name: Alluvium

County: Rio Blanco County: Rio Blanco **Ouinn Draw Gravel Pit** 1208 Prather Pit S R 92 W N R 10 W Section: 23 Qtr Sec: N Topo Map: Big Beaver Reservoir T 2 Section: 7 Qtr Sec: S Topo Map: Cactus Reservoir Permit ID: M1977136 Primary Product: Gravel Primary Product: Sand and gravel Permit ID: M2002049 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: None reported in 2002 Comments: Shut-in Comments: New mine Operator: Rio Blanco County (government) Operator: Rio Blanco County (government) Address: 17497 Hwy. 64 Address: 570 2nd St. Meeker CO 81641-0000 Rangely CO 81648-0000 Leeper Telephone: (970) 878-5601 Contact: Stanley Telephone: (970) 675-8644 Contact: Ron Rasmussen Formation Name: Alluvium Geologic Age: Quaternary Formation Name: Alluvium Geologic Age: Quaternary County: Rio Blanco County: Rio Blanco 1210 Red Wash Gravel Pit 1211 Richard Bachman Pit T 2 S R 102 W Section: 19 Qtr Sec: S w Section: 34 Qtr Sec: Topo Map: Texas Creek Topo Map: Rattlesnake Mesa Primary Product: Gravel Primary Product: Sand and gravel Permit ID: M1999040 Permit ID: M1980112 Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: 39,000 Comments: Shut-in Comments: Operator: Rio Blanco County (government) Operator: Rio Blanco County (government) Address: 570 2nd St. Address: 570 2nd St. Meeker CO 81641-0000 Meeker CO 81641-0000 Contact: Steele Јеггу Telephone: (970) 878-5601 Contact: Steele Jerry Telephone: (970) 878-5601 Formation Name: Alluvium Geologic Age: Quaternary Formation Name: Alluvium Geologic Age: Quaternary County: Rio Blanco County: Rio Blanco 1212 ||Shults Gravel Pit 1213 | Texas Creek Pit N R 95 W |S | R | 103 | W | Section: 31 Qtr Sec: S Topo Map: Buckskin Point Section: 10 Qtr Sec: SE Topo Map: Texas Creek Primary Product: Gravel Permit ID: M2000073 Primary Product: Sand and gravel Permit ID: M1978002 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: None reported in 2002 Comments: Shut-in Comments: New mine Operator: Rio Blanco County (government) Operator: Rio Blanco County (government) Address: 570 2nd St. Address: 570 2nd St. Meeker CO 81641-0000 Meeker CO 81641-0000 Contact: Ron Telephone: (970) 878-5601 Contact: Steele Jerry Telephone: (970) 878-5601 Leeper Formation Name: Alluvium Geologic Age: Ouaternary Formation Name: Alluvium Geologic Age: Ouaternary

County: Rio Grande County: Rio Grande 1214 10 Miles South Pit 1215 11 Mile South Pit T 37 N R 7 E Section: 25 Qtr Sec: NE Topo Map: Fulcher Gulch T 37 N R 8 E Section: 33 Qtr Sec: N Topo Map: Waverly Permit ID: M1978070 Primary Product: Sand and gravel Primary Product: Sand and gravel Permit ID: M1978066 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: None reported in 2002 Comments: Shut-in Comments: Shut-in Operator: Rio Grande County (government) Operator: Rio Grande County (government) Address: 168 N. Washington Address: 168 N. Washington Monte Vista CO 81144-0000 Monte Vista CO 81144-0000 Contact: "Buddy" Shaver Lawrence Telephone: (719) 852-4781 Contact: "Buddy" Shaver Lawrence Telephone: (719) 852-4781 Geologic Age: Quaternary-Tertiary Geologic Age: Quaternary-Tertiary Formation Name: Surficial deposits Formation Name: Surficial deposits County: Rio Grande County: Rio Grande 1216 374 Pit 1217 Del Norte Gravel Pit T 40 N R 6 Е Section: 21 Qtr Sec: SE Topo Map: Del Norte T 40 N R 6 E Section: 20 Qtr Sec: N Topo Map: Del Norte Primary Product: Sand and gravel Primary Product: Sand and gravel Permit ID: M1978071 Permit ID: M1987020 Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 39,000 Estimated Annual Production: 9,750 Comments: Comments: Operator: Rio Grande County (government) Operator: Rio Grande County (government) Address: 168 N. Washington Address: 168 N. Washington Monte Vista CO 81144-0000 CO 81144-0000 Monte Vista Contact: "Buddy" Shaver Lawrence Telephone: (719) 852-4781 Contact: "Buddy" Shaver Lawrence Telephone: (719) 852-4781 Formation Name: Alluvium Formation Name: Alluvium Geologic Age: Ouaternary Geologic Age: Ouaternary County: Rio Grande County: Rio Grande 1218 Maxevville Pit 1219 | Sanderson Pit T 39 N R 7 Section: 24 Qtr Sec: NE Topo Map: Monte Vista T | 39 | N | R | 7 E Section: 16 Qtr Sec: NE Topo Map: Seven Mile Plaza Primary Product: Sand and gravel Permit ID: M1978068 Primary Product: Sand and gravel Permit ID: M1978069 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Mine Type: Surface 3rd Product: Estimated Annual Production: None reported in 2002 Estimated Annual Production: None reported in 2002 Comments: Shut-in Comments: Shut-in Operator: Rio Grande County (government) Operator: Rio Grande County (government) Address: 168 N. Washington Address: 168 N. Washington Monte Vista CO 81144-0000 Monte Vista CO 81144-0000 Contact: "Buddy" Shaver Lawrence Telephone: (719) 852-4781 Contact: "Buddy" Shaver Lawrence Telephone: (719) 852-4781 Formation Name: Surficial deposits Geologic Age: Quaternary-Tertiary Formation Name: Surficial deposits Geologic Age: Ouaternary-Tertiary

County: Rio Grande 1220 Seven Mile Plaza County: Rio Grande South Fork Pit 1221 T 39 N IR 7 E Section: 6 Qtr Sec: SE Topo Map: Seven Mile Plaza T 40 N R 4 E Section: 22 Qtr Sec: N Topo Map: South Fork East Sand and gravel Primary Product: Sand and gravel Primary Product: Permit ID: M1978065 Permit ID: M1987019 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: None reported in 2002 Comments: Shut-in Comments: Shut-in Operator: Rio Grande County Operator: Rio Grande County (government) (government) Address: 168 N. Washington Address: 168 N. Washington Monte Vista CO 81144-0000 Monte Vista CO 81144-0000 Contact: "Buddy" Shaver Lawrence Telephone: (719) 852-4781 Contact: "Buddy" Shaver Lawrence Telephone: (719) 852-4781 Formation Name: Surficial deposits Geologic Age: Ouaternary-Tertiary Formation Name: Alluvium Geologic Age: Ouaternary County: Routt County: Routt 1222 | Belton Pit 1223 Elv Pit N R 85 W Section: 3 Qtr Sec: SE Topo Map: Mad Creek T 12 N R 87 w Section: 18 Qtr Sec: S Topo Map: Tumble Mountain Primary Product: Sand and gravel Primary Product: Sand and gravel Permit ID: M1978231 Permit ID: M1987101 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: None reported in 2002 Comments: Shut-in Comments: Shut-in Operator: Routt County (government) Operator: Routt County (government) Address: P.O. Box 773598 Address: P.O. Box 773598 Steamboat Sprin CO 80477-0000 Steamboat Sprin CO 80477-0000 Telephone: (970) 879-0831 Contact: Gahos Lou Telephone: (970) 879-0831 Contact: Gabos Lou Formation Name: Gravel Formation Name: Alluvium Geologic Age: Quaternary Geologic Age: Ouaternary County: Routt 1224 Funk & Hooker Pit 1225 Myrin Pit County: Routt N R 88 W Section: 12 Qtr Sec: N T 1 N R 84 W Topo Map: Mount Harris Section: 8 Qtr Sec: N Topo Map: Toponas Permit ID: M1979148 Primary Product: Sand and gravel Permit ID: M1979058 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 2.600 Estimated Annual Production: 2.400 Comments: Comments: Operator: Routt County (government) Operator: Colorado Division of Highways (government) Address: P.O. Box 773598 Address: 4340 E. Louisiana Ave. Steamboat Sprin CO 80477-0000 Denver CO 80222-0000 Telephone: (970) 879-0831 Eric Contact: Gabos Louis Contact: Prieve Telephone: (303) 757-9269 Formation Name: Alluvium Geologic Age: Ouaternary Formation Name: Alluvium Geologic Age: Quaternary

County: Routt 1226 Red Rock Pit T 5 N R 88 W Section: 20 Qtr Sec: S Topo Map: Hayden Gulch Primary Product: Sand and gravel Permit ID: M1978315 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Routt County (government) Address: P.O. Box 773598 Steamboat Sprin CO 80477-0000 Contact: Telephone: (970) 879-0831 Gabos Lou Formation Name: Alluvium Geologic Age: Ouaternary 1228 | Coleman Pit County: Saguache T 44 N R 8 E Section: 19 Qtr Sec: NE Topo Map: Saguache Primary Product: Sand and gravel Permit ID: M1995075 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 10,000 Comments: Operator: Saguache County (government) Address: P.O. Box 476 Saguache 81149-0000 CO Contact: Ungefug John Telephone: (719) 655-2554 Formation Name: Gravel Geologic Age: Quaternary 1230 | Noland Gulch County: Saguache T 46 N R 9 Topo Map: Villa Grove Section: 35 Qtr Sec: NE Primary Product: Sand and gravel Permit ID: M1990114 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 30,000 Comments: Operator: Saguache County (government) Address: Road and Bridge

Telephone: (719) 655-2554

Geologic Age: Ouaternary

CO 81149-0000

John

1227 ||Spicer Gravel Pit County: Routt T 10 N R 88 W Section: 5 Otr Sec: SE Topo Map: Buck Point Primary Product: Sand and gravel Permit ID: M1987073 Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Comments: Shut-in Operator: Routt County (government) Address: P.O. Box 773598 Steamboat Sprin CO 80477-0000 Contact: Telephone: (970) 879-0831 Gabos Lou Formation Name: Alluvium Geologic Age: Ouaternary County: Saguache 1229 | Cooper Pit T 41 N R 7 E Section: 31 Qtr Sec: NE Topo Map: La Garita Primary Product: Sand and gravel Permit ID: M1977568 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: 20,000 Comments: Operator: Saguache County (government) Address: P.O. Box 476 Saguache CO 81149-0000 Contact: Ungefug John Telephone: (719) 655-2554 Formation Name: Alluvium Geologic Age: Ouaternary County: San Juan 1231 | Eureka Gravel Pit T 42 N R 6 Section: 19 Qtr Sec: NE Topo Map: Handies Peak Primary Product: Gravel Permit ID: M1990070 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Estimated Annual Production: Intermittent production Comments: Operator: San Juan County (government) Address: 1512 Greene St., Box 466 Silverton CO 81433-0000 Telephone: (970) 387-5772 Contact: Girodo Louis

Geologic Age: Quaternary

Formation Name: Gravel

Contact:

Saguache

Formation Name: Gravel

Ungefug

County: San Miguel County: San Miguel Norwood Pit 1232 Klondike Pit 1233 W T 43 N R 16 W Section: 8 Qtr Sec: NE Topo Map: Gypsum Gap T 45 N R 13 Section: 13 Qtr Sec: S Topo Map: Norwood Primary Product: Sand and gravel Permit ID: M1981220 Primary Product: Sand and gravel Permit ID: M1981154 Commodity Type: Aggregate Commodity Type: Aggregate 2nd Product: 2nd Product: Mine Type: Surface 3rd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: 22.100 Estimated Annual Production: 16,000 Comments: Comments: Operator: San Miguel County (government) Operator: San Miguel County (government) Address: P.O. Box 426 Address: P.O. Box 426 Norwood CO 81423-0000 Norwood CO 81423-0000 Telephone: (970) 327-4835 Mike Telephone: (970) 327-4835 Contact: Horner Mike Contact: Horner Formation Name: Alluvium Geologic Age: Ouaternary Formation Name: Alluvium Geologic Age: Ouaternary County: San Miguel County: Sedgwick 1235 Christensen Pit 1234 Zadra Pit T 43 N R 12 T 12 N R 46 Section: 27 Qtr Sec: N Section: 32 Qtr Sec: N Topo Map: Beaver Park Topo Map: Ovid Primary Product: Gravel Permit ID: M1989030 Primary Product: Gravel Permit ID: M1996040 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: Estimated Annual Production: 13,000 Comments: Comments: (government) Operator: Sedgwick County (government) Operator: San Miguel County Address: P.O. Box 426 Address: 223 S. Cedar Norwood CO 81423-0000 Julesburg CO 80737-0000 Contact: Mike Telephone: (970) 327-4835 Contact: Randy Homer Renguist Telephone: (970) 474-3576 Formation Name: Alluvium Formation Name: Alluvium Geologic Age: Ouaternary Geologic Age: Ouaternary County: Sedgwick 1236 | Dolezal Gravel Pit 1237 Kinnie Gravel Pit County: Sedgwick T 12 N R 42 W T 10 S R 44 W Section: 22 Qtr Sec: SE Section: 30 Qtr Sec: Topo Map: Venango NE Topo Map: Venango SW Primary Product: Gravel Permit ID: M1996073 Primary Product: Gravel Permit ID: M1997061 Commodity Type: Aggregate 2nd Product: 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: 15.538 Comments: Comments: Shut-in Operator: Sedgwick County (government) Operator: Sedgwick County (government) Address: 223 S. Cedar Address: 223 S. Cedar CO 80737-0000 Julesburg CO 80737-0000 Julesburg Telephone: (970) 474-3576 Telephone: (970) 474-3576 Contact: Contact: Renauist Randy Renquist Randy Formation Name: Ogallala-derived gravel Geologic Age: Tertiary Geologic Age: Tertiary Formation Name: Ogallala-derived gravel

County: Sedgwick County: Sedgwick 1238 | Skold Pit 1239 State Land-Jensen Pit T 9 N R 46 W Т 9 N R 44 W Section: 16 Qtr Sec: S Section: 5 Qtr Sec: SE Topo Map: Marks Butte Topo Map: Julesburg SE Primary Product: Permit ID: M1998032 Primary Product: Sand and gravel Permit ID: M1983050 Gravel Commodity Type: Aggregate 2nd Product: 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: 4.200 Comments: Shut-in Comments: (government) Operator: Sedgwick County (government) Operator: Phillips County Address: 221 S. Interocean Address: 223 S. Cedar St. CO 80734-0000 Julesburg CO 80737-0000 Holyoke Contact: Schafer Randy Telephone: (970) 854-3778 Contact: Telephone: (970) 474-3576 Renquist Randv Formation Name: Ogallala-derived gravel Geologic Age: Tertiary Formation Name: Folian sand Geologic Age: Ouaternary County: Teller County: Sedgwick 1240 | State/Jensen Pit 1241 | Crppl Crk Mtn Site 2 T 14 S R 70 W T 9 N R 44 W Section: 16 Qtr Sec: S Topo Map: Julesburg SE Section: 27 Qtr Sec: SE Topo Map: Cripple Creek North Primary Product: Sand and gravel Permit ID: M1983070 Primary Product: Sand and gravel Permit ID: M1982047 Commodity Type: Aggregate 2nd Product: 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: 975 Estimated Annual Production: 5.042 Comments: Comments: Operator: Phillips County (government) Operator: Teller County (government) Address: 221 S. Interocean Address: P.O. Box 277 CO 80734-0000 Woodland Park CO 80866-0277 Holvoke Contact: Schafer Telephone: (970) 854-3778 Contact: Pflug Barry Telephone: (719) 687-8812 Randy Formation Name: Ogallala-derived gravel Geologic Age: Quaternary Geologic Age: Tertiary Formation Name: Alluvium County: Teller County: Teller 1242 Midland Gravel Pit 1243 | Phantom Canyon Pit T 14 S R 69 W T 16 S R 69 Topo Map: Big Bull Mtn. Section: 32 Qtr Sec: S Topo Map: Cripple Creek North Section: 16 Otr Sec: SE Primary Product: Gravel Permit ID: M1993039 Primary Product: Gravel Permit ID: M1994118 2nd Product: 2nd Product: Commodity Type: Aggregate Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 1,300 Estimated Annual Production: 3.500 Comments: Comments: Operator: City of Cripple Creek Operator: Fremont County (government) (government) Address: 207 County Rd. 89 Address: Fremont County Commissioners Cripple Creek 80813-0000 CO Canon City CO 81212-0000 Contact: Huffman Chip Contact: Telephone: (719) 276-7320 Telephone: (719) 689-2125 Formation Name: Gravel Geologic Age: Quaternary Formation Name: Alluvium Geologic Age: Quaternary

County: Washington 1245 Chris Aaegeson Pit County: Washington 1244 | Cecil 11-34-49 T 3 S R 49 W N | R | 49 W Section: 11 Qtr Sec: N Section: 25 Qtr Sec: SE Topo Map: Lone Star Topo Map: De Nova SE Permit ID: M1983001 Primary Product: Gravel Permit iD: M1990062 Primary Product: Sand and gravel 2nd Product: 2nd Product: Commodity Type: Aggregate Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: 13.600 Comments: Shut-in Comments: (government) Operator: Washington County Operator: Washington County (government) Address: 150 Ash Address: 150 Ash CO 80720-0000 CO 80720-0000 Akron Akron Telephone: (970) 345-2701 Contact: Champ Larry Contact: Kuntz Charles Telephone: (970) 345-2701 Formation Name: Eolian sand Geologic Age: Ouaternary Formation Name: Ogallala-derived gravel Geologic Age: Tertiary 1246 Fassler Gravel Pit County: Washington 1247 Franz Gebauer No 2 County: Washington T 2 N R 53 W Section: 15 Qtr Sec: NE Topo Map: Fremont Butte Section: 23 Otr Sec: SE Topo Map: Akron SW Primary Product: Sand and gravel Permit ID: M1988032 Primary Product: Gravel Permit ID: M1990054 2nd Product: 2nd Product: Commodity Type: Aggregate Commodity Type: Aggregate Mine Type: Surface 3rd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: None reported in 2002 Estimated Annual Production: 16,042 Comments: Shut-in Comments: Operator: Washington County (government) Operator: Washington County (government) Address: 150 Ash St. Address: 150 Ash 80720-0000 CO 80720-0000 Akron CO Akron Contact: Davis Tim Telephone: (970) 345-2701 Contact: Kuntz Charles Telephone: (970) 345-2701 Formation Name: Ogallala-derived gravel Formation Name: Alluvium Geologic Age: Ouaternary Geologic Age: Tertiary 1248 Gebauer Pit County: Washington 1249 Gebauer Sect 24 Pit County: Washington N R 52 W N R 52 W Section: 24 Qtr Sec: Topo Map: Akron SW Section: 24 Qtr Sec: S Topo Map: Akron SW Primary Product: Sand and gravel Permit ID: M1981125 Primary Product: Gravel Permit ID: M1992087 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate Mine Type: Surface 3rd Product: Mine Type: Surface 3rd Product: Estimated Annual Production: None reported in 2002 Estimated Annual Production: 16.600 Comments: Comments: Shut-in Operator: Washington County (government) (government) Operator: Washington County Address: 150 Ash Address: 150 Ash Akron CO 80720-0000 Akron CO 80720-0000 Telephone: (970) 345-2701 Contact: Sanders Wilburn Telephone: (970) 345-2701 Contact: Champ Larry Formation Name: Ogallala-derived gravel Geologic Age: Tertiary Geologic Age: Tertiary Formation Name: Ogallala-derived gravel

County: Washington County: Washington 1250 Goeglein Pit 1251 Haves Pit T 1 N R 49 W Section: 1 Qtr Sec: NE N R 50 W Topo Map: Otis SE Section: 32 Qtr Sec: SE Topo Map: Otis Primary Product: Sand and gravel Permit ID: M1985011 Primary Product: Gravel Permit ID: M1998065 2nd Product: Commodity Type: Aggregate Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 585 Estimated Annual Production: 19,240 Comments: Comments: Operator: City of Yuma (government) Operator: Washington County Address: 221 S. Main St. Address: 150 Ash Yuma CO 80759-0265 Akron CO 80720-0000 Contact: Flemister Carrol Telephone: (970) 848-3878 Contact: Kuntz Charles Telephone: (970) 345-2701 Formation Name: Ogallala-derived gravel Geologic Age: Tertiary Formation Name: Ogallala-derived gravel Geologic Age: Tertiary County: Washington County: Washington 1252 | Jolly Pit Jolly Sec 15 Pit 1253 S R 56 W Section: 10 Qtr Sec: SE Topo Map: Wetzel Creek S R 56 W Section: 15 Qtr Sec: N Topo Map: Wetzel Creek Primary Product: Sand and gravel Permit ID: M1985121 Primary Product: Gravel Permit ID: M1991018 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: None reported in 2002 Comments: Shut-in Comments: Shut-in Operator: Washington County (government) Operator: Washington County Address: 150 Ash Address: 150 Ash Akron CO 80720-0000 Akron CO 80720-0000 Contact: Telephone: (970) 345-2701 Champ Larry Contact: Telephone: (970) 345-2701 Champ Larry Formation Name: Gravel Geologic Age: Quaternary Formation Name: Alluvium Geologic Age: Ouaternary 1254 Jolly Section 35 Pit County: Washington County: Washington 1255 Jones Gravel Pit T 4 S R 55 Section: 35 Qtr Sec: Topo Map: Last Chance N R 52 Topo Map: Akron SW Section: 9 Qtr Sec: SE Primary Product: Gravel Primary Product: Gravel Permit ID: M1989085 Permit ID: M1991063 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: None reported in 2002 Comments: Shut-in Comments: Shut-in Operator: Washington County (government) Operator: Washington County Address: 150 Ash Address: 150 Ash Akron CO 80720-0000 Akron CO 80720-0000 Contact: Telephone: (970) 345-2701 Willie Champ Larry Contact: Sanders Telephone: (970) 345-2701 Formation Name: Gravel Geologic Age: Quaternary Formation Name: Ogallala-derived gravel Geologic Age: Tertiary

(government)

(government)

(government)

1256 | Larry Smith Grav Pit County: Washington 1257 Nickell Gravel Pit County: Washington N R 50 W T 5 S R 55 W T 2 Section: 21 Qtr Sec: SE Section: 30 Qtr Sec: SE Topo Map: Lusto Springs Topo Map: Otis Primary Product: Sand and gravel Permit ID: M1989083 Primary Product: Gravel Permit ID: M1994077 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 2,500 Estimated Annual Production: 11.600 Comments: Comments: Operator: Washington County (government) Operator: Washington County (government) Address: 150 Ash Address: 150 Ash Akron CO 80720-0000 Akron CO 80720-0000 Charles Telephone: (970) 345-2701 Contact: Kuntz Telephone: (970) 345-2701 Contact: Champ Larry Formation Name: Alluvium Formation Name: Alluvium Geologic Age: Ouaternary Geologic Age: Quaternary County: Washington 1258 Robert Gebauer Pit No. 1 Shook Gravel Pit 1 County: Washington N R 52 W Section: 26 Qtr Sec: N Topo Map: Akron SW N R 52 Section: 26 Qtr Sec: S Topo Map: Akron SW Permit ID: M1999079 Primary Product: Gravel Primary Product: Gravel Permit ID: M2001012 Commodity Type: Aggregate 2nd Product: 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: 23.060 Comments: Shut-in Comments: Operator: Washington County Operator: Washington County (government) (government) Address: 150 Ash Address: 150 Ash St. Akron CO 80720-0000 Akron CO 80720-0000 Contact: Contact: Telephone: (970) 345-2701 Telephone: (970) 345-2701 Kuntz Charles Formation Name: Ogallala-derived gravel Geologic Age: Tertiary Formation Name: Ogallala-derived gravel Geologic Age: Tertiary County: Washington 1260 Strand Gravel Pit 1261 Willis Section 7 Pit County: Washington S | R | 51 | W | S R 50 W Section: 22 Qtr Sec: Topo Map: Anton SE Section: 7 Qtr Sec: S Topo Map: Elba SE Primary Product: Gravel Permit ID: M1999046 Primary Product: Gravel Permit ID: M1992091 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: 8.840 Comments: Comments: Shut-in Operator: Washington County (government) Operator: Washington County (government) Address: 150 Ash Address: 150 Ash Akron CO 80720-0000 Akron CO 80720-0000 Contact: Telephone: (970) 345-2701 Telephone: (970) 345-2701 Champ Larry Contact: Larry Champ Formation Name: Alluvium Geologic Age: Ouaternary Formation Name: Alluvium Geologic Age: Ouaternary

County: Weld County: Weld 1262 | 25th Avenue Site 1263 83rd Ave Development T 6 N R 66 W T 6 N R 66 W Section: 36 Qtr Sec: N Section: 31 Qtr Sec: SE Topo Map: Bracewell Topo Map: Bracewell Primary Product: Sand and gravel Permit ID: M2002020 Primary Product: Sand and gravel Permit ID: M1990119 Commodity Type: Aggregate 2nd Product: 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: 150,000 Comments: Shut-in Comments: Operator: City of Greeley (government) Operator: Weld County (government) Address: P.O. Box 758 Address: 1100 10th St. 80632-0000 Greeley CO 80631-0000 Greeley CO Contact: Greg Telephone: (303) 356-4000 Contact: Todd Telephone: (970) 350-9291 Nelson Williams Formation Name: Alluvium Formation Name: Alluvium Geologic Age: Ouaternary Geologic Age: Quaternary County: Weld 1265 Ehmke Pit County: Weld 1264 Bearson Gravel Pit T 2 N R 66 W T 10 N R 60 W Section: 19 Qtr Sec: NF. Topo Map: Platteville Section: 12 Qtr Sec: SE Topo Map: Grover SE Primary Product: Sand and gravel Permit ID: M1983201 Permit ID: M1999001 Primary Product: Sand and gravel 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 45,000 Estimated Annual Production: 30,000 Comments: Comments: Operator: Weld County (government) Operator: Weld County (government) Address: P.O. Box 758 Address: P.O. Box 758 Greeley CO 80632-0000 Greeley CO 80632-0000 Telephone: (970) 356-4000 Contact: Telephone: (970) 356-4000 Contact: Nelson Greg Nelson Greg Geologic Age: Tertiary Formation Name: Alluvium Formation Name: Ogallala-derived gravel Geologic Age: Quaternary 1266 Fiscus Pit County: Weld County: Weld 1267 | Geisert Pit T 10 N R 57 W Section: 7 Qtr Sec: S Topo Map: Gatehook Spring N R 65 W Section: 31 Qtr Sec: SE Topo Map: Greeley Primary Product: Sand and gravel Permit ID: M1999115 Primary Product: Sand and gravel Permit ID: M1978210 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface Mine Type: Surface 3rd Product: Estimated Annual Production: 35,000 Estimated Annual Production: 150,000 Comments: Comments: (government) Operator: Weld County (government) Operator: Weld County Address: 1111 H St. Address: P.O. Box 758 Greeley 80632-0000 CO 80632-0000 CO Greelev Telephone: (970) 356-4000 Contact: Nelson Greg Telephone: (970) 356-4000 Contact: Nelson Greg Formation Name: Gravel Geologic Age: Ouaternary Formation Name: Ogallala-derived gravel Geologic Age: Tertiary

County: Weld County: Weld 1268 Hokestra Pit No 1 1269 Island Grove Park Т 6 N R 65 W T 3 N R 68 W Section: 35 Qtr Sec: SE Topo Map: Gowanda Section: 31 Qtr Sec: S Topo Map: Greeley Primary Product: Sand and gravel Permit ID: M1980149 Primary Product: Sand and gravel Permit ID: M2000010 Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 125,000 Estimated Annual Production: 102.000 Comments: Comments: (government) Operator: City of Greeley Operator: Weld County (government) Address: P.O. Box 758 Address: 501 N. 14th Ave. Greelev CO 80632-0000 Greelev CO 80631-0000 Contact: Greg Telephone: (970) 356-4000 Contact: Welch Thomas Telephone: (970) 350-9522 Nelson Formation Name: Alluvium Geologic Age: Ouaternary Formation Name: Alluvium Geologic Age: Quaternary County: Weld County: Weld 1270 | Koenig Pit 1271 Lehr Gravel Pit N R 66 W T 10 N R 67 Section: 18 Qtr Sec: SE Topo Map: Platteville Section: 1 Qtr Sec: SE Topo Map: Dover Primary Product: Sand and gravel Permit ID: M1980120 Primary Product: Sand and gravel Permit ID: M1983213 Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: None reported in 2002 Estimated Annual Production: 40,000 Comments: Shut-in Comments: Operator: Weld County Operator: Weld County (government) (government) Address: P.O. Box 758 Address: P.O. Box 758 Greelev CO 80632-0000 Greeley CO 80632-0000 Telephone: (970) 356-4000 Contact: Contact: Nelson Nelson Greg Telephone: (970) 356-4000 Greg Geologic Age: Quaternary Formation Name: Alluvium Geologic Age: Quaternary Formation Name: Gravel County: Weld 1272 || Marick/Anderson Pit 1273 | Peters Pit No 2 County: Weld T 11 N R 61 W Section: 31 Qtr Sec: N T 12 N | R 63 W Topo Map: Hereford Section: 27 Qtr Sec: SE Topo Map: Hereford NW Permit ID: M1992105 Primary Product: Gravel Primary Product: Sand and gravel Permit ID: M1987186 2nd Product: Commodity Type: Aggregate 2nd Product: Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 20,000 Estimated Annual Production: 20,000 Comments: Comments: Operator: Weld County Operator: Weld County (government) (government) Address: P.O. Box 758 Address: P.O. Box 758 Greeley Greeley CO 80632-0000 CO 80632-0000 Telephone: (970) 356-4000 Telephone: (970) 356-4000 Contact: Nelson Greg Contact: Nelson Greg Formation Name: Alluvium Geologic Age: Quaternary Formation Name: Graval Geologic Age: Quaternary

1275 | Shippes Pit 1274 | Pierce Pit County: Weld County: Weld T 8 N R 65 W N R 66 W Section: 7 Qtr Sec: N Topo Map: Antelope Reservoir Section: 36 Qtr Sec: N Topo Map: Antelope Reservoir Primary Product: Sand and gravel Permit ID: M1980121 Primary Product: Sand and gravel Permit ID: M1978102 2nd Product: Commodity Type: Aggregate Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 60,000 Estimated Annual Production: None reported in 2002 Comments: Comments: Shut-in Operator: Weld County (government) Operator: Colorado Division of Highways (government) Address: P.O. Box 758 Address: 4340 E. Louisiana Ave. CO Greelev 80632-0000 Denver CO 80222-0000 Telephone: (970) 356-4000 Contact: Nelson Greg Contact: Telephone: (303) 757-9432 Ksouri Ilvess Formation Name: Gravel Geologic Age: Quaternary Geologic Age: Quaternary Formation Name: Gravel 1276 Thomas Gravel Pit 4 County: Weld County: Yuma 1277 Adamson Bros. Mine N R 42 W T 8 N R 61 W Section: 1 Qtr Sec: S Topo Map: Keota NW Section: 28 Qtr Sec: SE Topo Map: Laird Primary Product: Sand and gravel Permit ID: M1981286 Primary Product: Sand and gravel Permit ID: M1999047 2nd Product: Commodity Type: Aggregate 2nd Product: Borrow rock Commodity Type: Aggregate 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 40,000 Estimated Annual Production: 500 Comments: Comments: Operator: Weld County (government) Operator: Yuma County (government) Address: P.O. Box 758 Address: 1310 S. Blake St. Greeley CO 80632-0000 Wray CO 80758-0000 Contact: Nelson Greg Telephone: (970) 356-4000 Contact: Like Paul Telephone: (970) 332-5718 Formation Name: Alluvium Geologic Age: Quaternary Geologic Age: Quaternary Formation Name: Alluvium 1278 ||Brand Pit County: Yuma 1279 ||Davis Estate - Pit 2 County: Yuma N R 47 W Section: 15 Qtr Sec: N S R 44 lw| Section: 17 Qtr Sec: S Topo Map: Yuma NE Topo Map: Idalia SE Primary Product: Sand and gravel Permit ID: M1981250 Primary Product: Sand and gravel Permit ID: M1997060 2nd Product: Commodity Type: Aggregate Commodity Type: Aggregate 2nd Product: 3rd Product: Mine Type: Surface 3rd Product: Mine Type: Surface Estimated Annual Production: 500 Estimated Annual Production: None reported in 2002 Comments: Comments: Shut-in Operator: Yuma County (government) Operator: Colorado Department of Transportation (government) Address: 1310 S. Blake St. Address: 4340 E. Louisiana Ave. Wray CO 80758-0000 80222-0000 Denver CO Contact: Like Paul Telephone: (970) 332-5718 Contact: Ksouri Ilyess Telephone: (303) 757-9432 Formation Name: Ogallala-derived gravel Geologic Age: Tertiary Formation Name: Eolian sand Geologic Age: Quaternary

1280 Davis Estate Pit

T 5 S R 44 W

Section: 17 Qtr Sec: S Topo Map: Idalia SE

Primary Product: Sand and gravel

Permit ID: M1990008

County: Yuma

2nd Product:

Commodity Type: Aggregate

3rd Product:

Mine Type: Surface

Estimated Annual Production: None reported in 2002

Comments: Shut-in

Operator: Colorado Division of Highways

(government)

Address:

4340 E. Louisiana Ave.

Denver

CO 80222-0000

Contact: Ksouri Ilyess

Telephone: (303) 757-9432

Formation Name: Eolian sand

Geologic Age: Ouaternary

1282 Mullins Pit

County: Yuma

S R 45

Topo Map: Vernon NW Section: 27 Qtr Sec: SE

Primary Product: Sand and gravel

Permit ID: M1981263

Geologic Age: Quaternary

2nd Product: 3rd Product:

Commodity Type: Aggregate

Mine Type: Surface

Estimated Annual Production: 500

Comments:

Operator: Yuma County

(government)

Address: 1310 S. Blake St.

Wray

Contact: Like CO 80758-0000 Paul

Telephone: (970) 332-5718

Formation Name: Eolian sand

Mekelburg Pit No 1 1281

Section: 8 Qtr Sec: SE

Primary Product: Sand and gravel

N R 48 W

Topo Map: Clarkville Permit ID: M1981179

County: Yuma

Commodity Type: Aggregate

2nd Product:

3rd Product:

T |5

Mine Type: Surface

Estimated Annual Production: 1,500

Comments:

Contact:

Operator: Yuma County

(government)

(government)

1310 S. Blake St. Address:

Wray

CO 80758-0000

Telephone: (970) 332-5718

Like

Paul

Formation Name: Ogallala-derived gravel

Geologic Age: Tertiary

1283 North Gelvin Pit

Section: 8 Qtr Sec: S

Topo Map: Laird

County: Yuma

Primary Product: Gravel

Permit ID: M2001092 Commodity Type: Aggregate

2nd Product: Borrow rock 3rd Product:

Mine Type: Surface

Estimated Annual Production:

Comments:

Operator: Yuma County

Address: 1310 Blake St.

CO 80758-0000

Wray Contact: Shively

Rowe

Telephone: (970) 332-5718

Formation Name: Alluvium

Geologic Age: Quaternary

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By James R. Guilinger and John W. Keller

