

STATE OF MONTANA

Thomas L. Judge, *Governor*

BUREAU OF MINES AND GEOLOGY

S. L. Groff, *Director*

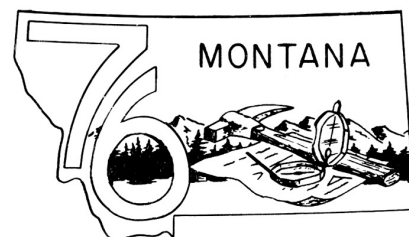
BULLETIN 100

May 1976

**DIRECTORY OF MINING ENTERPRISES  
FOR 1975**

**with a  
LIST OF COAL MINES, 1975**

**and a section on  
THE MINERAL INDUSTRY OF MONTANA IN 1975**





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with a

LIST OF COAL MINES, 1975

Compiled by

Don C. Lawson  
Montana Bureau of Mines and Geology

and a section on

THE MINERAL INDUSTRY OF MONTANA IN 1975

by

Division of Nonferrous Metals  
U.S. Department of the Interior, Bureau of Mines

This bulletin has been prepared with the cooperation of Max Salazar,  
State Mine Inspector



MONTANA COLLEGE OF MINERAL SCIENCE AND TECHNOLOGY  
Butte, Montana 59701  
1976



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# DIRECTORY OF MINING ENTERPRISES

FOR 1975

by

Don C. Lawson

## INTRODUCTION

Each year Bureau geologists visit many mining properties in Montana in addition to work on their regular field projects. As it is not possible to visit in person all properties in the state during the year, information is requested from Montana mine operators and owners relating to mining activities. The responses to this canvassing and personal interviews are then compiled and published annually in our Directory of Mining Enterprises.

Mining enterprises are listed systematically in categories in the main body of the Directory, either under Metal Mines or under Nonmetal Mines, Pits, and Quarries. In order, these categories are kind of ore or mineral produced; county in which the mine is situated; and the name of the mine. Additional information includes location of the property based on legal subdivisions of land survey; type of ore mined; mining district in which the property is situated; number of employees; mill capacity, if any; operator's name and address; owner's name and address; and yearly status, i.e., whether the property produced ore during the year, is still producing, developed ore without producing, or remained totally inactive. To facilitate looking up a mining enterprise, an index of mines, mine owners, and operators is included at the back of the Directory.

The Directory also contains a list of presently inactive mines. The list is not a complete one, as it is not possible to list all such mining properties in Montana in a publication this size. For this reason, the list is a compilation of only those properties that have undergone development work or have produced ore within recent years but were

inactive for a period of more than one year. Mines inactive for a period of three consecutive years are dropped entirely from the Directory.

The rest of the Directory contains a list of Montana coal mines active in 1975 and a report entitled "The Mineral Industry of Montana in 1975", by the Nonferrous Metals Division, Bureau of Mines, U.S. Department of the Interior, Washington, D.C. This report is shorter than in past years because of the reorganization within the U.S. Bureau of Mines.

The compiler thanks the many Montana mine owners and operators for allowing information on their activities to be published. Every effort has been made to publish exact and complete information. The fact that a property is listed in the Directory, however, is not to be regarded as an endorsement of the property by the Montana Bureau of Mines and Geology. Conversely, if a property is omitted from the Directory, the omission is not to be taken as questioning its value or future. Such omissions are known to occur, but most are traceable to failure by the last known operator to respond to repeated requests for necessary information. Nevertheless, in most such cases, the missing data have been supplied from the best sources available.

If any additional facts or corrections can be provided, please submit such information to the Montana Bureau of Mines and Geology, Butte, Montana 59701. Your help is needed to keep this yearly publication as up to date and accurate as possible.

The abbreviations used throughout the Directory are: sec., section; T., township; R., range; and t/d, tons per day.

## PART 1, METAL MINES

## ANTIMONY MINES

## RAVALLI COUNTY: Hamilton 59840

\*DOMINIC GROUP Antimony  
 Sec. 35, 36, T. 7 N., R. 19 W.  
 Owner-Operator: Betty Lykins  
 Box 181, 300 S. 9th, Hamilton 59840  
 Status: Developing

## SANDERS COUNTY: Thompson Falls 59873

BABBIT MINE Antimony  
 Prospect Creek dist., sec. 17, T. 21 N., R. 31 W.  
 Operator: John C. Lawrence  
 Box 643, Thompson Falls, MT 59873  
 Owner: U.S. Antimony Corp.  
 Box 643, Thompson Falls, MT 59873  
 Employees: 30  
 Mill capacity: 350 t/d and refinery  
 Smelter: High purity antimony, battery grade antimony,  
 antimony trioxide, and sodium antimonate  
 Status: Producing, developing

## GOLD, SILVER, COPPER, LEAD, ZINC MINES

## BEAVERHEAD COUNTY: Dillon 59725

AJAX MINE Gold, silver, lead  
 Swamp Creek dist., sec. 7, T. 6 S., R. 17 W.  
 Operator: Clayton Jenkins  
 Sula, MT 59871  
 Owner: H. E. Morse  
 Dillon, MT 59725  
 Employees: 2  
 Status: Developing

CARBONATE MINE Gold, silver, lead  
 Argenta dist., NW¼ SW¼ sec. 18, T. 6 S., R. 10 W.  
 Operator: Peter Antonioli and Son  
 1001 W. Gold, Butte, MT 59701  
 Owner: Western Mining and Exploration Co.  
 P.O. Box 1298, Dillon, MT 59725  
 Status: Producing

BURGIEROSA MINE Silver, lead, copper  
 Vipond Park dist., sec. 34, 35, T. 1 S., R. 11 W.  
 Owner-Operator: George S. Gluck  
 Ramsay, MT 59748  
 Status: Developing

CLEVE-AVON and FRANKLIN MINE Gold, silver  
 Bryant (Hecla) dist., sec. 2, T. 3 S., R. 11 W.  
 Owner-Operator: Goodson Mining Co., Levine  
 Enterprises, 1014 McKeever Ave.  
 Hayward, CA 94541  
 Status: Developing

BUSTER MINE Silver, gold, lead, copper, zinc  
 Birch Creek dist., sec. 17, 18, 19, 20, T. 5 S., R. 10 W.  
 Owner-Operator: George Langstaff  
 Bannack Star Rt., Dillon, MT 59725  
 Employees: 2  
 Status: Developing

COMET GROUP Silver, lead  
 Elkhorn dist., sec. 26, T. 4 S., R. 12 W.  
 Operator: GeoResources, Inc.  
 Box 1505, Williston, ND 58801  
 Owner: Blue Sky Mining Corp.  
 Dillon, MT 59725  
 Employees: 4  
 Status: Produced, developing



**BEAVERHEAD COUNTY - Continued****COTTONTAIL MINE** Silver, copper, lead

Blue Wing dist., sec. 28, 33, T. 7 S., R. 11 W.  
 Owner-Operator: Spokane National Mines, Inc.  
 424 Hutton Bldg., Spokane, WA 99204  
 Status: Inactive

**FERDINAND MINE** Lead, zinc, silver

Argenta dist., sec. 29, T. 6 S., R. 10 W.  
 Owner-Operator: Rudy and Nels Nygren  
 Argenta Star Rt., Dillon, MT 59725  
 Status: Inactive

**GOLDSMITH MINE** Gold, silver, lead, zinc

Argenta dist., NW¼ NE¼ sec. 30, T. 6 S., R. 10 W.  
 Operator: Argenta Silver Development Co.  
 Dillon, MT 59725  
 Owner: Goldsmith Mining Corp.  
 Bannack Star Rt., Dillon, MT 59725  
 Status: Inactive

**GOODVIEW MINE** Silver, gold, lead

Argenta dist., SW¼ SW¼ sec. 18, T. 6 S., R. 10 W.  
 Operator: Peter S. Antonioli and Son  
 1001 W. Gold, Butte, MT 59701  
 Owner: Western Mining and Exploration Co.  
 P.O. Box 1298, Dillon, MT 59725  
 Status: Inactive

**GRASS HOPPER CLAIMS NO. 1** Gold, silver, lead

Bannack dist., sec. 9; T. 8 S., R. 11 W.  
 Operator: Roger Goldland  
 35021 W. V. H., Algona, WA 98002  
 Owner: Martin L. Belus  
 35021 W. V. H., Algona, WA 98002  
 Status: Inactive

**\*GREEN LIZARD MINE** Silver

Vipond Park dist., sec. 2, T. 2 S., R. 11 W.  
 Owner: Omer H. Boeh  
 2121 Locust St., Butte, MT 59701  
 Status: Inactive

**\*\*GROUND HOG MINE** Gold

Argenta dist., SE¼ SE¼ sec. 18, T. 6 S., R. 10 W.  
 Operator: Peter S. Antonioli  
 1001 W. Gold, Butte, MT 59701  
 Owner: Western Mining and Exploration Co.  
 P.O. Box 1298, Dillon, MT 59725  
 Status: Inactive

**HAND MINE** Gold, silver, lead

Argenta dist., NW¼ NW¼ sec. 29, T. 6 S., R. 10 W.  
 Operator: William M. Hand  
 30 S. Arizona, Dillon, MT 59725  
 Owner: Western Mining and Exploration Co.  
 P.O. Box 1298, Dillon, MT 59725  
 Status: Inactive

**HECLA GROUP** Gold, silver

Bryant (Hecla) dist., sec. 2, T. 3 S., R. 11 W.  
 Owner-Operator: Mining and Mineral Resource, Inc.  
 6250 LBJ Freeway, Suite 120,  
 Dallas, TX 75240  
 Status: Developing

**\*INGERSOL GROUP** Gold, silver, lead, zinc

Blue Wing dist., sec. 3, T. 7 S., R. 11 W.; sec. 4,  
 T. 8 S., R. 11 W.  
 Owner-Operator: Rex Land Co.  
 Box 1771, Seattle, WA 98111  
 Status: Inactive

**\*LAMPLIGHTER GROUP** Silver, copper

Vipond Park dist., sec. 29, unsurveyed, T. 2 S., R. 11 W.  
 Owner-Operator: Roy Hoekema and Arthur Semsak  
 Box AB, Sultan, WA 98294  
 Status: Inactive

**LEADVILLE MINE** Silver, lead

Vipond Park dist., sec. 34, T. 1 S., R. 11 W.  
 Owner-Operator: Arthur Semsak  
 Box AB, Sultan, WA 98294  
 Status: Inactive

**\*\*LUCKY STRIKE MINE** Gold, silver, copper

Chinatown (Horse Prairie) dist., sec. 14, T. 11 S.,  
 R. 13 W.  
 Owner-Operator: Owen Adams  
 Box 426, Teasdale, UT 84773  
 Status: Developing

**\*MAIDEN CREEK COPPER MINE** Copper

Chinatown dist., sec. 23, T. 11 S., R. 13 W.  
 Owner-Operator: Chester A. Given  
 Box 576, Rt. 1, Arco, ID 83213  
 Status: Unknown

**MIDNITE MINE** Gold

Argenta dist., SE¼ sec. 13, T. 6 S., R. 11 W.  
 Owner-Operator: Peter S. Antonioli  
 1001 W. Gold, Butte, MT 59701  
 Status: Inactive

\*Open pit; \*\*Open pit and underground

**BEAVERHEAD COUNTY—Continued**

**NEW DEPARTURE MINE** Gold, silver, lead, zinc  
Blue Wing dist., NW¼ NW¼ sec. 26, T. 7 S., R. 11 W.  
Owner-Operator: Spokane National Mines, Inc.  
424 Hutton Bldg., Spokane, WA 99204  
Status: Inactive

**\*\*POLARIS MINE** Silver  
Polaris (Lost Cloud) dist., sec. 28, T. 5 S., R. 12 W.  
Operator: Midnite Mines, Inc.  
601 G, Western Bldg., Spokane, WA 99201  
Owner: Milton E. Hayes  
Wisdom, MT 59761  
Status: Produced, developing

**QUARTZ HILL GROUP** Silver  
Quartz Hill dist., sec. 25, T. 1 S., R. 11 W.  
Operator: GeoResources, Inc.  
Box 1505, Williston, ND 58801  
Owner: Quartz Hill Mining Co.  
Box 2902, Portland, OR 97208  
Employees: 8  
Status: Produced, inactive

**\*\*QUEEN OF THE HILLS MINE** Gold  
Vipond Park dist., sec. 10, T. 2 S., R. 11 W.  
Operator: GeoResources, Inc.  
Box 1340, Dillon, MT 59725  
Owner: GeoResources, Inc.  
Box 1505, Williston, ND 58801  
Status: Inactive

**RENA MINE** Gold, silver, lead  
Argenta dist., SW¼ NW¼ sec. 18, T. 6 S., R. 10 W.  
Owner-Operator: Western Mining and Exploration Co.  
P.O. Box 1298, Dillon, MT 59725  
Status: Inactive

**\*SATA MAIRA RAINBOW GROUP** Copper, silver, gold  
Utopia dist., sec. 21, 27, 28, T. 5 S., R. 10 W.  
Owner-Operator: J. V. Brady and Harold Reid  
2040 Carolina Ave., Butte, MT 59701  
Status: Developing

**SILVER QUEEN MINE** Silver  
Jake Canyon dist., sec. 17, T. 10 S., R. 7 W.  
Owner-Operator: Silver Queen Exploration Ltd.  
2114 Curtis St., Denver, CO 80205  
Status: Inactive

**SYLVIA MINE** Gold, lead, silver  
Argenta dist., sec. 13, 24, T. 6 S., R. 10, 11 W.  
Owner-Operator: Rudy and Nels Nygren  
Argenta Star Rt., Dillon, MT 59725  
Status: Produced, developing

**TELSTAR GROUP** Silver  
Elkhorn dist., sec. 26, T. 4 S., R. 12 W.  
Operator: GeoResources, Inc.  
Box 1340, Dillon, MT 59725  
Owner: GeoResources, Inc.  
Box 1505, Williston, ND 58801  
Status: Inactive

**TENDER GROUP** Gold, silver, copper, lead, zinc,  
antimony  
Argenta dist., sec. 24, T. 6 S., R. 11 W.  
Owner-Operator: Claude H. Brown  
7 No. Atlantic, Dillon, MT 59725  
Status: Abandoned

**VIRGINIA GULCH MINE** Gold, silver  
Argenta dist., sec. 15, T. 6 S., R. 11 W.  
Owner-Operator: Kenneth Langstaff  
Box 145, Bannack Star Rt.  
Dillon, MT 59725  
Employees: 2  
Status: Developing

**\*WEST ERMONT MINE** Gold, silver, lead  
Argenta dist., sec. 35, T. 6 S., R. 11 W.  
Owner-Operator: Big West Resources  
905 E. Third, Spokane, WA 99202  
Status: Inactive

**BLAINE COUNTY: Chinook 59523**

**LINDA MINE** Silver, lead  
Bearpaw Mountains dist., sec. 19, T. 29 N., R. 19 E.  
Owner-Operator: Bearpaw Development Co.  
Homer Pike, Secy., 1639 Fifth Ave. NW,  
Great Falls, MT 59401  
Status: Inactive

## BROADWATER COUNTY: Townsend 59644

- BLUEBIRD GROUP** Copper, silver, gold, lead, zinc  
Hassel dist., sec. 1, T. 6 N., R. 1 W.; sec. 32, T. 7 N.,  
R. 1 E.  
Owner: Nila Tyrrel  
548 Stadler, Helena, MT 59601  
Status: Developing
- CROSS MINE** Lead, zinc, gold, silver  
Park dist., sec. 20, 21, T. 7 N., R. 1 W.  
Owner-Operator: L. W. Doggett, C. Kokoruda,  
and F. Beniger, 810 Breckenridge,  
Helena, MT 59601  
Employees: 3  
Status: Developing
- HARDMORE MINE** Silver, lead, gold, zinc  
Radersburg dist., sec. 34, 35, T. 6 N., R. 1 W.  
Owner-Operator: Edward Hildebrand  
Rt. 1, Cleo Springs, OK 73729  
Status: Developing
- JO DANDY MINE** Silver, lead, zinc  
Radersburg dist., sec. 28, T. 5 N., R. 1 W.  
Owner-Operator: Quadrant Ridge Mining Co.  
c/o Alan D. Brown  
1315 W. Granite, Butte, MT 59701  
Status: Developing
- \*\*LOOMIS MINE** Gold, silver, copper  
Townsend dist., sec. 7, 8, 16, 18, T. 6 N., R. 1 W.  
Owner-Operator: Robert Loomis  
Cleo Springs, OK 73729  
Status: Unknown
- \*\*MOUNTAIN VIEW MINE** Gold, silver, lead  
Winston dist., sec. 23, T. 8 N., R. 1 W.  
Owner-Operator: R. Gleason, Sr.  
P.O. Box 452, Deer Lodge, MT 59722  
Status: Developing
- REX, COPPER QUEEN GROUP** Copper  
Hellgate and Avalanche dist., sec. 23, 26, 27, 36,  
T. 11 N., R. 1 E.  
Owner-Operator: Mary Ann Manger and Vincent Cope  
Box 130, Townsend, MT 59644  
Status: Inactive
- RUBY SILVER MINE** Silver, copper, lead, zinc  
Cedar Plains dist., sec. 33, T. 5 N., R. 1 W.  
Owner-Operator: W. R. Wade Estate  
Marysville, MT 59640  
Status: Inactive
- ST. LOUIS MINE** Gold, silver  
Park dist., sec. 23, 26, T. 7 N., R. 1 W.  
Operator: Robert and Betty Blewitt  
P.O. Box 285, Radersburg, MT 59641  
Owner: C. Carter, Washington, D.C.  
E. Lindner, Helena, MT 59601  
Employees: 3  
Status: Developing
- SANTA ANITA MINE** Gold, silver, lead, zinc  
Cedar Plains dist., sec. 28, 35, T. 5 N., R. 1 W.  
Owner-Operator: Quadrant Ridge Mining Co.  
c/o Alan D. Brown  
1315 W. Granite, Butte, MT 59701  
Status: Developing
- \*SCHREINER MINE** Copper  
Three Forks dist., sec. 25, 26, T. 3 N., R. 1 E.  
Owner-Operator: Carl C. Schreiner  
Solar Enterprises, W. 222 Mission  
Spokane, WA 99201  
Status: Developing
- SLIM SAM GROUP** Lead, silver, gold  
Radersburg dist., sec. 19, 20, 29, 30, T. 6 N., R. 1 W.  
Owner-Operator: Art Roberts  
Box 65, Radersburg, MT 59641  
Status: Developing
- SUMMIT (OLD SUMMIT) and BLACKHAWK MINE**  
Silver, lead, zinc  
Cedar Plains dist., sec. 16, 17, 20, T. 4 N., R. 1 W.  
Owner-Operator: Roy E. Nicolls  
RFD, Toston, MT 59643  
Employees: 2  
Status: Developing
- \*VALLEY VIEW MINE** Gold, silver, lead, zinc  
Park (Indian Creek) dist., sec. 24, T. 7 N., R. 1 E.  
Owner-Operator: Warren Schreiner  
Box 665, Townsend, MT 59644  
Status: Developing

## CASCADE COUNTY: Great Falls 59401

**BULL OF THE WOODS MINE** Silver, lead  
 Neihart dist., NW¼ sec. 33, T. 14 N., R. 8 E.  
 Operator: Viking Mining & Engineering Co.  
 Box 36, Neihart, MT 59465  
 Owner: Claus L. Erlandson  
 Box 36, Neihart, MT 59465  
 Status: Inactive

**FLORENCE MINE** Silver, lead, zinc  
 Neihart dist., sec. 29, 30, 31, 32, T. 14 N., R. 8 E.  
 Owner-Operator: Richard C. Bennett  
 Box 2267, Great Falls, MT 59401  
 Status: Developing

**MORNING STAR MINE** Gold, silver, lead, zinc  
 Neihart (Montana) dist., sec. 29, T. 14 N., R. 8 E.  
 Owner-Operator: Lewis B. Stark  
 Box 64, Neihart, MT 59465  
 Mill capacity: 100 t/d  
 Status: Inactive

**MOULTON and BROADWATER MINE** Silver, lead, zinc  
 Neihart dist., sec. 29, 32, unsurveyed, T. 14 N., R. 8 E.  
 Owner-Operator: Peter S. Antonioli and Son  
 1001 W. Gold, Butte, MT 59701  
 Status: Developing

**\*\*PONDEROSA MINE** Silver, copper, lead, zinc  
 Neihart dist., sec. 15, T. 14 N., R. 8 E.  
 Operator: Western Oil and Gas Co., Inc.  
 Twin Falls, ID 83301  
 Owner: James M. Morgan  
 Box 653, Billings, MT 59101  
 Status: Inactive

**\*SILVER DYKE MINE** Silver, lead, zinc  
 Neihart dist., sec. 10, T. 14 N., R. 8 E.  
 Owner-Operator: Peter S. Antonioli and Son  
 1001 W. Gold, Butte, MT 59701  
 Status: Developing

**\*SPOOFER MINE** Silver  
 Barker dist., sec. 24, T. 15 N., R. 8 E.  
 Owner-Operator: Richard C. Bennett  
 P.O. Box 2267, Great Falls, MT 59401  
 Status: Developing

## DEER LODGE COUNTY: Anaconda 59711

**ALTURAS MINE** Gold, silver  
 T. 5 N., R. 13 W.  
 Operator: Lee Wattula, Box 135,  
 Cataldo, ID 83810  
 Status: Inactive

**COTTONWOOD MINE** Silver  
 Oro Fino dist., sec. 8, T. 5 N., R. 8 W.  
 Operator: Forest Berglund  
 Box 231, Lincoln, MT 59639  
 Owner: Cottonwood Silver Mining Co.  
 Great Falls, MT 59401  
 Status: Unknown

**\*\*GREAT EASTERN MINE** Silver, copper, zinc  
 Lost Creek dist., sec. 9, 10, 34, T. 5 N., R. 11 W.  
 Owner-Operator: C. L. Bergloff, 6082 Florence,  
 Riverside, CA 92504, and Lyman Thayer,  
 Rt. 1, Box 264-AI, Anaconda, MT 59711  
 Status: Inactive

**MINNEHAHA and HORSESHOE GROUP** Gold, silver  
 Georgetown dist., sec. 9, T. 5 N., R. 13 W.  
 Owner-Operator: William J. Dean and Son  
 1460 Ponderosa, Idaho Falls, ID 83401  
 Employees: 1  
 Status: Unknown

**SILVER REEF MINE** Gold, silver  
 Silver Lake dist., sec. 22, T. 5 N., R. 13 W.  
 Owner-Operator: W. C. Montgomery  
 1818 W. Park, Anaconda, MT 59711  
 Status: Unknown

**FERGUS COUNTY: Lewistown 59457**

**\*\*BLACK BULL MINE** Gold, silver, copper, lead, zinc  
 Warm Springs dist., sec. 7, T. 16 N., R. 20 E.  
 Operator: Red Ore Development  
 Calgary, Alberta, Canada  
 Owner: G. S. Abbott  
 Giltedge Rt., Lewistown, MT 59457  
 Status: Producing, developing

**\*COPPER ELK MINE** Lead, silver  
 Cone Butte dist., sec. 22, T. 17 N., R. 20 E.  
 Operator: J. M. Sandman, 209 Commercial Ave.  
 Lewistown, MT 59457  
 Owner: J. M. Sandman and others  
 Lewistown, MT 59457  
 Status: Developing

**\*\*FEDERAL RESERVE GROUP** Silver, lead, gold  
 South Moccasin dist., sec. 35, T. 17 N., R. 17 E.  
 Operator: Dean C. Burnham  
 Rt. 3, Lewistown, MT 59457  
 Owner: D. C. Burnham and others  
 Rt. 3, Lewistown, MT 59457  
 Status: Developing

**KENDALL MINE** Gold  
 North Moccasin dist., sec. 31, T. 18 N., R. 18 E.  
 Operator: Geo-Surveys Gold, Ltd.  
 Mining Exchange Bldg., Colorado Springs, CO 80900  
 Owner: Judith Gold Corp.  
 Box 68, Kellogg, ID 83837  
 Employees: 13  
 Status: Developing

**\*MYRANDA CLAIM** Gold, silver, lead  
 Warm Springs dist., sec. 8, T. 16 N., R. 20 E.  
 Owner-Operator: William and Glenn McVede  
 915 W. Watson, Lewistown, MT 59457  
 Status: Developing

**\*NO. 4 MINE** Gold, silver, copper, lead, zinc  
 Warm Springs dist., sec. 7, 18, T. 16 N., R. 20 E.  
 Operator: S & P Mining Co.  
 204 E. Washington St., Lewistown, MT 59457  
 Owner: T. A. Pentecost and others  
 204 E. Washington St., Lewistown, MT 59457  
 Status: Developing

**REPUBLIC MINE** Silver, lead, zinc  
 South Moccasin dist., sec. 23, T. 16 N., R. 17 E.  
 Owner-Operator: C. L. Kuhnhausen  
 P.O. Box 278, Lewistown, MT 59457  
 Status: Developing

**SHEEP MOUNTAIN MINE** Gold, silver, copper, lead  
 Warm Springs dist., sec. 4, 5, T. 16 N., R. 20 E.  
 Owner-Operator: Lawrence Lenling and others  
 Box 74, Lewistown, MT 59457  
 Employees: 3  
 Status: Developing

**SPOTTED HORSE MINE** Gold, silver, tellurium,  
 lead, zinc  
 Warm Springs dist., sec. 5, T. 16 N., R. 20 E.  
 Operator: Viking Exploration, Inc.  
 820 Denver Center Bldg., Denver, CO 80203  
 Owner: First Trust Company of Montana, Trustee  
 Great Falls, MT 59401  
 Status: Produced

**FLATHEAD COUNTY: Kalispell 59901**

**\*\*BLUE GROUSE GROUP** Gold, silver, copper,  
 bismuth  
 Haskell Pass dist., sec. 14, T. 28 N., R. 25 W.  
 Owner-Operator: L. O. and Jack Bauska  
 545 - 4th Ave. W.  
 Kalispell, MT 59901  
 Status: Developing

**\*FLATHEAD and WEST FLATHEAD MINE** Silver,  
 copper, lead  
 Hog Heaven dist., sec. 17, T. 25 N., R. 23 W.  
 Operator: Waino Lindbom, Flathead Mines, Inc.  
 1545 7th Ave. W., Kalispell, MT 59901  
 Owner: The Anaconda Co.  
 Butte, MT 59701  
 Employees: 9  
 Status: Producing, developing

## GRANITE COUNTY: Philipsburg 59858

- \*ARMADA MINE** Copper, gold, silver  
Garnet dist., sec. 11, 12, T. 12 N., R. 14 W.  
Operator: Armada Mines  
P.O. Box 3415, Missoula, MT 59801  
Owner: Armada Corp., P.O. Box 3415  
Missoula, MT 59801  
Status: Developing
- BI-METALLIC MINE** Gold, silver, siliceous ore  
Flint Creek dist., sec. 32, T. 7 N., R. 13 W.  
Operator: Contact Mining Co.  
724 S. Western Ave., Butte, MT 59701  
Owner: Frank, Peter, and William Antonioli  
724 S. Western Ave., Butte, MT 59701  
Mill capacity: 50 t/d  
Employees: 6  
Status: Produced
- BLACK PINE MINE** Silver, gold, siliceous ore  
Black Pine dist., sec. 7, 8, 16, 17, 18, T. 8 N., R. 14 W.  
Operator: Dan McLaughlin, Black Pine Mining Co.  
Box 724, Philipsburg, MT 59858  
Owner: Inspiration Consolidated Copper Co.  
55 Madison, Morristown, NJ 07960  
Employees: 27  
Status: Producing
- \*BLACK PINE TAILINGS** Gold, silver, siliceous ore  
Black Pine dist., sec. 16, T. 8 N., R. 14 W.  
Operator: Ben Walkup  
Philipsburg, MT 59858  
Owner: August Buschmann Estate  
Seattle, WA 98100  
Status: Inactive
- BLUE BIRD MINE** Gold, silver, copper  
Rose Mountain dist., sec. 26, T. 8 N., R. 12 W.  
Operator: David M. Harris  
Box 296, Philipsburg, MT 59858  
Owner: Ben Walkup  
Philipsburg, MT 59858  
Employees: 2  
Status: Developing
- \*\*BROOKLYN and D. G. MINE** Silver, copper, lead, zinc, bismuth  
Boulder Creek dist., SW $\frac{1}{4}$  NE $\frac{1}{4}$  sec. 4, 5, 9, 32, T. 7 N., R. 12 W.  
Owner-Operator: Black and White Mining Co.  
c/o R. F. Little, 4207 - 21st Ave., Missoula, MT 59801  
Status: Unknown
- GLITTERING HILL MINE** Gold  
Red Lion dist.  
Owner-Operator: Mrs. Mary L. McCabe  
2010 Haggin Ave., Anaconda, MT 59711  
Status: Inactive
- \*\*HATTA and MAGNET MINES** Silver, lead, zinc  
Dunkleberg dist., sec. 14, T. 9 N., R. 12 W.  
Owner-Operator: L. W. Lehwalder  
505 Whitaker Drive, Missoula, MT 59801  
Status: Inactive
- HOLLY NO. 1 MINE** Gold, silver, copper  
Dunkleberg dist., sec. 15, T. 9 N., R. 12 W.  
Owner-Operator: Larry A. McLane  
212 Washington, Anaconda, MT 59711  
Status: Inactive
- HOPE GROUP** Silver, siliceous ore  
Flint Creek dist., sec. 19, T. 7 N., R. 13 W.  
Operator: Contact Mining Co.  
724 S. Western Ave., Butte, MT 59701  
Owner: Frank, Peter, and William Antonioli  
724 S. Western Ave., Butte, MT 59701  
Employees: 2  
Status: Produced
- IVANHOE GROUP** Gold, silver  
Pikes Peak dist., sec. 14, T. 8 N., R. 12 W.  
Operator: Ivanhoe Mining Co.  
Box 724, Second St., Deer Lodge, MT 59722  
Owner: Sam Riley  
Box 724, Second St., Deer Lodge, MT 59722  
Employees: 2  
Status: Developing
- LITTLE EMMA MINE** Silver  
Flint Creek dist., sec. 19, T. 7 N., R. 13 W.  
Owner-Operator: Frank Antonioli  
724 S. Western Ave., Butte, MT 59701  
Status: Produced
- LYCOMING MINE** Gold, silver, lead  
Philipsburg dist., sec. 17, T. 7 N., R. 13 W.  
Operator: Joe Metesh  
Philipsburg, MT 59858  
Status: Unknown

**GRANITE COUNTY—Continued**

- \*\*MICKEY MINE** Gold, silver  
Red Lion dist., sec. 22, 27, T. 6 N., R. 13 W.  
Owner-Operator: Eugene Garrett  
Box 905, Anaconda, MT 59711  
Employees: 1  
Mill capacity: 15 t/d  
Status: Developing
- \*\*MOONLIGHT MINE** Gold, silver, copper, lead  
Princeton dist., T. 8 N., R. 12 W.  
Owner-Operator: William J. Robinson  
2920 Floral Blvd., Butte, MT 59701  
Status: Inactive

**MOUNTAIN BOY MINE** Silver  
Flint Creek dist., sec. 19, T. 7 N., R. 13 W.  
Operator: Rudy Wattula  
Box 265, Philipsburg, MT 59858  
Owner: James Patton  
Philipsburg, MT 59858  
Status: Inactive

**\*\*NEW SEATTLE (DOLLY QUARTZ) MINE** Silver gold  
Maxville dist., sec. 9, T. 8 N., R. 13 W.  
Operator: D. W. Reneau  
Philipsburg, MT 59858  
Owner: James E. Maehl, and Grace Maehl  
P.O. Box 303, Philipsburg, MT 59858  
Status: Unknown

**NORTH STAR MINE** Copper  
Maxville dist., sec. 21, T. 8 N., R. 13 W.  
Operator: Gunnar Johnson  
Box 26, Philipsburg, MT 59858  
Owner: Charles Lane  
Drummond, MT 59832  
Employees: 2  
Status: Producing

**PARNELL GROUP MINE** Silver, copper, lead  
Flint Creek dist., sec. 7, 8, T. 7 N., R. 13 W.  
Owner-Operator: Ethel C. Heaney  
Box 130, Philipsburg, MT 59858  
Status: Inactive

**\*\*QUEEN MINE** Silver, lead  
Boulder dist., SW¼ sec. 33, T. 8 N., R. 12 W.  
Operator: R. J. MacCalman  
1010 - 5th St., Deer Lodge, MT 59722  
Owner: Mrs. K. W. MacPherson  
St. Helena, CA 94574  
Employees: 2  
Status: Developing, producing

**\*SAN FRANCISCO MINE** Silver, gold, lead, zinc  
Philipsburg dist., sec. 30, T. 7 N., R. 13 W.  
Operator: Jim Miller  
Box 721, Philipsburg, MT 59858  
Owner: B. G. Paige, Zane Murfitt  
Philipsburg, MT 59858  
Status: Inactive

**\*SLUICE GULCH MINE** Gold  
Rock Creek dist.  
Operator: GeoResources, Inc.  
Box 1505, Williston, ND 58801  
Status: Inactive

**SILVER KING MINE** Gold, silver  
Rock Creek dist., sec. 5, T. 6 N., R. 15 W.  
Owner-Operator: Charles Byam and Norman Byam  
Philipsburg, MT 59858  
Employees: 7  
Status: Produced

**JEFFERSON COUNTY: Boulder 59632**

**\*\*AQUARIUS MINE** Silver, lead, copper, gold  
Basin dist., sec. 13, T. 6 N., R. 6 W.  
Operator: Richard Robertson  
P.O. Box 563, Boulder, MT 59632  
Owner: Robertson & Wendt Mining Co.  
P.O. Box 735, Boulder, MT 59632  
Employees: 2  
Status: Produced, developing

**BIG MAJOR MINE** Gold, silver  
Big Foot (unorg.) dist., sec. 4, T. 4 N., R. 5 W.  
Owner-Operator: Tom Finch  
1209 W. Woolman, Butte, MT 59701  
Status: Inactive

**\*BULLION MINE** Gold, silver, lead, zinc  
Cataract dist., sec. 13, T. 7 N., R. 6 W.  
Operator: D. M. Bullock  
Basin, MT 59631  
Status: Inactive

**JEFFERSON COUNTY—Continued**

**CARLA, PAULINE and FAITH GROUP** Silver, gold  
 Lowlands dist., sec. 3, T. 5 N., R. 7 W.  
 Owner-Operator: Josephine A. Favero  
 2701 Sherman, Butte, MT 59701  
 Status: Inactive

\***COPPER QUEEN MINE** Gold  
 Montana City dist., sec. 13, T. 9 N., R. 3 W.  
 Operator: Art Nettleton  
 28 Poplar, Helena, MT 59601  
 Owner: V. Bompert  
 Dillon, MT 59725  
 Status: Unknown

**CRESCENT MINE** Gold, silver, copper, lead  
 Cataract (Basin) dist., sec. 28, T. 8 N., R. 5 W.  
 Operator: William A. "Bill" Hall  
 Box 295, Helena, MT 59601  
 Owner: Holter Estate  
 Helena, MT 59601  
 Status: Inactive

\*\***CRYSTAL MINE** Gold, silver, copper, lead, zinc  
 Cataract (Basin) dist., sec. 20, T. 7 N., R. 5 W.  
 Owner-Operator: Delbert and John Bullock  
 Basin, MT 59631  
 Status: Producing, developing

\*\***EAST RIDGE GROUP** Gold, copper, lead, zinc  
 Nez Perce dist., sec. 12, T. 3 N., R. 7 W.  
 Owner-Operator: Leber Mining Co.  
 36 S. Market St., Elizabethtown, PA 17022  
 Employees: 4  
 Status: Exploration

**EDELWEISS MINE** Silver, lead, zinc  
 Wickes dist., sec. 1, 2, T. 7 N., R. 5 E.  
 Operator: Mascot Silver Lead Mines, Inc.  
 Box 660, Kellogg, ID 83837  
 Owner: Ivor Jenkins and others  
 Jefferson City, MT 59638  
 Status: Inactive

\***FAIRVIEW MINE** Lead, silver, gold  
 Boulder dist., sec. 5, T. 6 N., R. 4 W.  
 Owner-Operator: V. R. Cazier, Boyd Cazier  
 Toston, MT 59643  
 Status: Developing

\***GOLDEN ASSETS MINE** Gold, silver, copper, lead, zinc  
 Golconda dist., sec. 29, T. 7 N., R. 5 W.  
 Owner-Operator: Fred K. Madison  
 403 South Fee, Apt. K, Helena, MT 59601  
 Employees: 3  
 Status: Produced

**GOLDEN CURRY (SOURDOUGH) MINE** Gold, silver,  
 copper, lead, zinc  
 Elkhorn dist., sec. 10, T. 6 N., R. 3 W.  
 Owner-Operator: John Rothfus  
 2100 Oregon Ave., Butte, MT 59701  
 Employees: 2  
 Status: Produced

**HOPE and BULLION MINE** Gold, silver, base metals  
 Comet (Boulder) dist., sec. 6, 31, T. 6, 7 N., R. 4 W.  
 Operator: Romerio Co.  
 Boulder, MT 59632  
 Owner: Mrs. A. K. Romerio  
 19320 Hinsdale, Torrance, CA 90503  
 Status: Developing

**HUMBOLT MINE** Gold, silver  
 Homestake dist., sec. 9, T. 3 N., R. 6 W.  
 Owner-Operator: Stanley L. Boyce  
 Rt. 1, Box 206, Butte, MT 59701  
 Status: Producing, developing

**JIB (HOPE-KATIE) MINE** Gold, silver  
 Basin-Cataract dist., sec. 17, 18, T. 6 N., R. 5 W.  
 Operator: LBM Construction, Inc.  
 1816 LaFayette St., Butte, MT 59701  
 Owner: Sylvanite, Inc.  
 43 E. Broadway, Butte, MT 59701  
 Mill capacity: 150 t/d  
 Status: Inactive

**KADY GULCH GROUP** Gold, silver, copper, lead, zinc  
 Colorado dist., sec. 1, T. 7 N., R. 5 W.; sec. 6, T. 7 N.,  
 R. 4 W.  
 Owner-Operator: Leber Mining Co.  
 36 S. Market St., Elizabethtown, PA 17022  
 Employees: 4  
 Status: Developing

**KLONDYKE MINE** Gold, silver  
 Elkhorn dist., sec. 11, T. 6 N., R. 3 W.  
 Operator: Klondyke Gold Mines, Inc.  
 Boulder, MT 59632  
 Owner: C. W. Schreiner and others  
 3011 Richardson, Butte, MT 59701  
 Status: Inactive



## JEFFERSON COUNTY—Continued

## LOTTA MINE Gold, silver

Basin-Cataract dist., sec. 18, T. 6 N., R. 5 W.

Owner-Operator: LBM Construction, Inc.

1816 LaFayette St., Butte, MT 59701

Mill capacity: 150 t/d

Status: Inactive

## MEADOW MINE Silver, lead

Clancy dist., sec. 34, T. 9 N., R. 3 W.

Operator: Mascot Silver Lead Mines, Inc.,

Inor Norgaard, Box 544, Helena, MT 59601

Owner: Albert Haab

Clancy, MT 59634

Employees: 2

Status: Produced, developing

## MOUNTAIN QUEEN MINE Copper, silver, lead, zinc

Big Foot dist., sec. 26, T. 4 N., R. 5 W.

Owner-Operator: William Mulcahy

Box 631, Butte, MT 59701

Employees: 3

Status: Developing

## \*NEW BALD EAGLE MINE Gold, silver, copper

Big Foot dist., sec. 16, T. 4 N., R. 5 W.

Owner-Operator: Ronald L. Nordwick

846 W. Quartz, Butte, MT 59701

Status: Developing

## NEW MORNING MINE Silver, gold, copper

Little Boulder dist., sec. 8, T. 5 N., R. 4 W.

Owner-Operator: William Hagman

Box 339, Boulder, MT 59632

Employees: 2

Status: Producing, developing

## NEW STAKE MINE Silver, zinc

Clancy dist., sec. 9, T. 8 N., R. 3 W.

Operator: Orval Thomas

1316 Sorenson, Helena, MT 59601

Owner: Clifford C. Main

Clancy, MT 59634

Status: Inactive

## NORTH SUNLIGHT GROUP Gold, silver, copper, lead, zinc

Cardwell dist., T. 2 N., R. 3 W.

Operator: Placer Amex, Inc., P.O. Box 678

Whitehall, MT 59759

Owner: William G. Wegener

Box 144, Whitehall, MT 59759

Status: Developing

PIERMONT NO. 1 EAST MINE Lead, gold, silver,  
copper, zinc

Cataract dist., sec. 8, T. 7 N., R. 5 W.

Owner-Operator: Raymond L. Beaver

829 N. Lamborn St., Helena, MT 59601

Status: Developing

## PILOT MINE Gold, silver, lead

Amazon dist., sec. 4, T. 6 N., R. 4 W.

Operator: Ed Kuebler

Boulder, MT 59632

Owner: Ed Kuebler and Kenneth W. Trettin

Boulder, MT 59632

Status: Inactive

\*REDEMPTION MINE Gold, silver, siliceous ore  
Comet dist.

Operator: E. H. Battermann

Box 461, Basin, MT 59631

Owner: Poore, Poore &amp; Poore

Butte, MT 59701

Status: Inactive

## \*RELIEF MINE Silver

Elkhorn dist.

Operator: Maurice and Walter B. Smith

Elkhorn Rt., Boulder, MT 59632

Owner: Elkhorn Mining Co.

Boulder, MT 59632

Status: Inactive

## RHOADES MINE Silver, gold

Lump Gulch dist., sec. 6, T. 8 N., R. 4 W.

Owner-Operator: James A. Rhoades and

Daniel McEachern, 317 Broadway, Helena, MT 59601

Status: Developing

## ROBERT EMMETT MINE Copper, lead, zinc

Boulder dist., sec. 27, T. 7 N., R. 4 W.

Owner-Operator: Ann C. Van Sickle

2615 N. Cooke, Helena, MT 59601

Status: Inactive

## \*RUMLEY MINE Lead, gold, silver

Comet dist., sec. 36, T. 7 N., R. 5 W.

Owner-Operator: Harold J. Giulio

305 S. Cleveland, Boulder, MT 59632

Status: Producing, developing

## SOUTH VIEW MINE Gold, silver, lead

St. Paul Gulch dist., SE¼ sec. 24, T. 2 N., R. 4 W.

Owner-Operator: Charles O. Weber

Box 235, Whitehall, MT 59759

Status: Inactive

\*Open pit; \*\* Open pit and underground

**JEFFERSON COUNTY—Continued****\*\*STREAK OF LUCK, SUNNYSIDE GROUP** Gold, silver

Cardwell dist., sec. 18, T. 2 N., R. 3 W.

Owner-Operator: Lester Lindquist

P.O. Box 373, Whitehall, MT 59759

Employees: 2

Status: Producing, developing

**SUMMIT MINE** Gold, silver, copper, lead, zinc

Big Foot dist., sec. 16, T. 4 N., R. 5 W.

Owner-Operator: Ronald L. Nordwick,

Vernon Smith, William Tudor

846 W. Quartz, Butte, MT 59701

Status: Developing

**JUDITH BASIN COUNTY: Stanford 59479****CAPE NOME MINE** Silver, lead, zinc

Barker dist., sec. 31, T. 16 N., R. 9 E.

Owner-Operator: Frank Davis

1109 - 1st Ave. So., Great Falls, MT 59401

Status: Inactive

**GLENDENNIN GROUP** Lead, silver, zinc

Barker dist., sec. 5, 6, T. 14 N., R. 9 E.

Operator: Croff and Montague

Box 69, Monarch, MT 59463

Owner: G. A. Croff, et. al.

Box 69, Monarch, MT 59463

Employees: 2

Status: Developing

**LIBERTY MINE** Silver, lead, zinc

Barker dist., sec. 6, 7, 18, T. 15 N., R. 9 E.

Operator: Anderson and Antonioli

1001 W. Gold, Butte, MT 59701

Owner: Faith Mining Co.

Box 1681, Helena, MT 59601

Status: Inactive

**LEWIS AND CLARK COUNTY: Helena 59601****\*ADELE MINE** Silver, copper

Heddeleston (unorg.) dist., sec. 28, 29, 33, 34,

T. 16 N., R. 7 W.

Owner-Operator: Ross Hayworth

Box 1584, Globe, AZ 85501

Status: Produced, developing

**\*\*AMERICAN BOY (NORTH GOULD GROUP) MINE**

Gold, silver

Stemple dist., sec. 10, 11, 14, 15, T. 13 N., R. 7 W.

Owner-Operator: Glenn Allman

Lincoln, MT 59639

Mill capacity: 80 t/d

Status: Unknown

**VERA and MARIE MINE** Silver

Cataract dist., sec. 33, T. 7 N., R. 5 W.

Operator: W. K. Miller

Basin, MT 59631

Owner: Mrs. Drew Jackson

Boulder, MT 59632

Status: Inactive

**\*MONTGOMERY and SAN MIGUEL MINE** Gold, silver, copper, lead, zinc

Barker dist., sec. 21, T. 15 N., R. 9 E.

Owner-Operator: Mrs. G. V. R. McBride

Monarch, MT 59463

Status: Developing

**SETTER MINE** Silver, copper, lead

Running Wolf dist., sec. 21, T. 14 N., R. 10 E.

Operator: James A. Casper

Box 322, Stanford, MT 59479

Owner: Setter Mining Co.

Box 322, Stanford, MT 59479

Employees: 2

Status: Developing

## LEWIS AND CLARK COUNTY—Continued

**\*FRISBEE STEMPLE GROUP** Copper, gold, silver  
lead, zinc, nickel  
Stemple dist., sec. 10, T. 13 N., R. 7 W.  
Owner-Operator: Clarence L. and Roy Frisbee  
RFD, Lincoln, MT 59639  
Status: Produced, developing

**\*\*GRAY ROCK MINE** Gold, copper, zinc  
Owyhee-Oro Fino dist., sec. 11, T. 9 N., R. 4 W.  
Owner-Operator: Carl A. Tintinger  
1857 Oro Fino Gulch, Helena, MT 59601  
Employees: 3  
Status: Produced, developing

**HALL MINE** Gold, silver, copper  
Poorman dist., sec. 14  
Owner-Operator: W. A. Hall  
Box 295, Helena, MT 59601  
Status: Developing

**HEDDLESTON GROUP** Copper, molybdenum  
Heddleston dist., sec. 16–22, 27–34, T. 15 N.,  
R. 6 W.  
Owner-Operator: The Anaconda Co.  
Butte, MT 59701  
Employees: 15  
Status: Developing

**\*\*HUMDINGER GROUP** Gold, copper, molybdenum  
Finn dist., sec. 35, T. 13 N., R. 9 W.  
Owner-Operator: Guy E. Maycumber  
217 LaSalle Rd., Kalispell, MT 59901  
Employees: 2  
Status: Developing

**ILLINI MINE** Gold, silver  
Sec. 27, T. 13 N., R. 9 W.  
Owner-Operator: C. K. Dalton  
705 E. State, Helena, MT 59601  
Status: Developing

**\*\*INDEPENDENT MINE** Gold, copper, zinc, uranium  
Owyhee-Oro Fino dist., sec. 11, T. 9 N., R. 4 W.  
Owner-Operator: Carl A. Tintinger  
1857 Oro Fino Gulch, Helena, MT 59601  
Employees: 2  
Status: Produced, developing

**LEXINGTON MINE** Silver  
Scratch Gravel dist., sec. 35, T. 11 N., R. 4 W.  
Owner-Operator: Mary Ann Manger and Vincent Cope  
Box 130, Townsend, MT 59644  
Status: Inactive

**LINCOLN VIEW MINE** Gold, copper  
Lincoln dist., sec. 24, T. 13 N., R. 9 W.  
Owner-Operator: Robert N. Stanton  
Box 214, Avon, MT 59713  
Status: Unknown

**LUCKY LINDA MINE** Silver, lead  
Rimini dist., sec. 16, T. 8 N., R. 5 W.  
Operator: Fayram Engineering Co., Ltd.  
P.O. Box 246, Pablo, MT 59855  
Owner: Sparrow Resources Ltd. (NPL)  
P.O. Box 8236, Star "F" Calgary, Alberta,  
Canada T2J 2V4  
Status: Developing

**MONTE CHRISTO MINE** Gold, silver, copper, lead  
Rimini (Vaughn) dist., sec. 17, T. 8 N., R. 5 W.  
Owner-Operator: Hans Mo  
1500 Madison Ave., Helena, MT 59601  
Status: Produced, developing

**NEW VALLEY FORGE MINE** Silver, lead  
Rimini dist., sec. 33, T. 9 N., R. 5 W.  
Owner-Operator: Herb Ballou and Alex Marklund  
3440 Rimini Rd., Helena, MT 59601  
Status: Developing

**ORO FINO MINE** Silver, molybdenum  
Marysville dist., sec. 2, T. 12 N., R. 6 W.  
Owner-Operator: W. R. Wade Estate  
Marysville, MT 59640  
Status: Inactive

**PEGGY ANN MINE** Gold, silver  
J. Gould dist., sec. 24, T. 13 N., R. 7 W.  
Owner-Operator: Peggy Ann Mines, Inc.  
P.O. Box 1191, Bozeman, MT 59715  
Employees: 6  
Status: Developing

**RED ROCK CLAIMS** Copper, lead, silver  
SE¼ sec. 3, SW¼ sec. 4, T. 16 N., R. 7 W.  
Operator: Joe Hinkle  
344 Plymouth St., Missoula, MT 59801  
Owner: A. B. Morris and others  
Rt. 1, Bigfork, MT 59911  
Status: Developing

**\*\*SKY MINE** Gold, copper, zinc  
Owyhee-Oro Fino dist., sec. 2, 11, T. 9 N., R. 4 W.  
Owner-Operator: Carl A. Tintinger  
1857 Oro Fino Gulch, Helena, MT 59601  
Employees: 4  
Status: Produced, developing

\*Open pit; \*\*Open pit and underground

**LEWIS AND CLARK COUNTY—Continued**

**\*\*STEMPLE and JAY GOULD MINES** Gold, silver  
Stemple dist., sec. 10, 16, T. 13 N., R. 7 W.  
Owner-Operator: Vern C. Knopf  
1621 Cannon St., Helena, MT 59601  
Status: Unknown

**TWILIGHT CLAIMS GROUP** Gold, silver, copper  
Helena dist., sec. 2, T. 9 N., R. 2 W.  
Owner-Operator: J. R. Stimps  
Box 665, Shelby, MT 59474  
Status: Developing

**LINCOLN COUNTY: Libby 59923**

**CABLEWAY GROUP** Silver, lead, gold  
Sec. 33, T. 28 N., R. 31 W.  
Owner-Operator: Donald C. and  
Marie Cripe, Rt. 1, Box 929-B  
Libby, MT 59923  
Status: Developing

**HERBERT GROUP** Gold, silver, lead, zinc  
Sec. 29, T. 30 N., R. 31 W.  
Owner-Operator: Donald C. and  
Marie Cripe, Rt. 1, Box 929-B  
Libby, MT 59923  
Status: Developing

**MADISON COUNTY: Virginia City 59755**

**ALABAH MINE** Gold, silver, lead, copper  
Wisconsin dist., SE¼ sec. 32, T. 3 S., R. 4 W.  
Operator: Steve Mortensen  
Sheridan, MT 59749  
Owner: Steve Mortensen and Jim Nicholls  
Sheridan, MT 59749  
Status: Inactive

**\*ATLANTIC PACIFIC MINE** Gold, silver, copper  
Mineral Hill dist., sec. 20, T. 2 S., R. 3 W.  
Operator: Ned Lapota  
A & P Mining Co., Whitehall, MT 59759  
Owner: Fred Box, Pony, MT 59747  
Employees: 4  
Status: Developing

**BADGER NO. 1 and NO. 2 MINES** Gold, silver  
Lower Warm Springs dist., sec. 19, 20, T. 3 S., R. 1 E.  
Owner-Operator: Earl Clopton  
P.O. Box 66, Norris, MT 59745  
Status: Developing

**WIGGINS MINE** Gold  
Lincoln dist., sec. 31, T. 13 N., R. 8 W.  
Owner-Operator: Bernie E. Nelson  
1022½ N. Warren, Helena, MT 59601  
Status: Developing

**\*\*SILVER BUTTE MINE** Gold, silver, lead, zinc  
Silver Butte dist. (unorg.), T. 25 N., R. 30 W.  
Owner-Operator: Orval Boller and others  
Box 73, Fernwood, Idaho 83830  
Employees: 6  
Mill capacity: 100 t/d  
Status: Developing

**SNOWSHOE MINE** Gold, silver, lead  
Libby (Snowshoe) dist., sec. 11, T. 28 N., R. 32 W.  
Owner-Operator: E. B. Foote and others  
Lakeside, MT 59922  
Status: Inactive

**B & H (Pete & Joe) GROUP** Gold, silver, copper, lead  
Tidal Wave dist., sec. 10, T. 3 S., R. 4 W.  
Owner-Operator: Northland Mining Corp.,  
David Palmer Beck, Pres., P.O. Box 3786,  
Butte, MT 59701, Rick Hughes, Mgr., Box 263  
Sheridan, MT 59749  
Employees: 6  
Status: Developing

**BESSIE AND GOLDEN WAVE MINE** Gold, silver,  
copper, tungsten  
Mineral Hill dist., sec. 14, 15, T. 2 S., R. 2 W.  
Owner-Operator: W. G. Forbes  
Pony, MT 59747  
Employees: 2  
Status: Developing

**\*BEVERLY GROUP** Gold, silver  
Silver Star dist., sec. 8, 9, T. 2 S., R. 6 W.  
Owner-Operator: Mildred Patterson  
Box 145, Sheridan, MT 59749  
Status: Inactive

## MADISON COUNTY—Continued

## BIG TOM MINE Gold, silver, lead

Sheridan dist., sec. 5, T. 4 S., R. 3 W.

Owner-Operator: Mine Sales &amp; Evaluators

Box 487, Livingston, MT 59047

Status: Developing

## BROAD GAUGE MINE Gold

Owner-Operator: Smith-Holladay, Inc.

Box 302, Sheridan, MT 59749

Employees: 4

Status: Produced, developing

## DIRTY MUZZLER MINE Lead, silver, gold

Hildagard dist., NE¼ sec. 25, T. 2 S., R. 1 E.

Operator: Kenneth B. Kent

405 N. Church, Bozeman, MT 59715

Owner: Kenneth B. Kent and Oran Callantine

405 N. Church, Bozeman, MT 59715

Status: Developing

## DIVIDEND LODGE MINE Gold, silver

Mineral Hill dist., sec. 15, T. 2 S., R. 3 W.

Owner-Operator: Chester G. Horton, Jr.

P.O. Box 1962, Eugene, OR 97401

Status: Developing

## DON-A-VERA GROUP Gold, silver

Fairweather dist., sec. 25, 26, 35, T. 6 S., R. 3 W.

Owner-Operator: A. J. Katches and others

Box 275, Virginia City, MT 59755

Employees: 4

Status: Developing

## \*EASTON-PACIFIC MINE Gold, silver

Virginia City dist., sec. 9, T. 7 S., R. 3 W.

Operator: Ed Scheitlin

Virginia City, MT 59755

Owner: Easton Pacific Co. and Riverside Mining Corp.

Virginia City, MT 59755

Employees: 3

Status: Developed

## EAGLE BLACK GROUP Gold, silver, copper

Highland dist., sec. 2, 3, 10, 11, T. 7 S., R. 3 W.

Operator: Clifford E. Melroe, c/o A. J. Katches

Box 275, Virginia City, MT 59755

Owner: Clifford E. Melroe

Gwinner, ND 58040

Status: Developing

## EMMA MINE Gold, silver

Highland dist., sec. 18, T. 1 N., R. 7 W.

Operator: Ed Scheitlin

Pacific Mines, Inc., Virginia City, MT 59755

Status: Inactive

## FORKS MINE Gold, silver

Virginia City dist., sec. 3, 4, T. 7 S., R. 3 W.; sec. 33,  
34, T. 6 S., R. 3 W.

Owner-Operator: R. W. Leighton

Box 116, Osburn, ID 83849

Status: Inactive

## FRIDA MARIE CLAIM Gold, silver

Silver Star dist., sec. 10, 11, T. 2 S., R. 6 W.

Owner-Operator: James King

Box 583, Sheridan, MT 59749

Status: Unknown

## GREEN CAMPBELL MINE Gold

Silver Star dist., sec. 3, T. 2 S., R. 6 W.

Operator: United Investors Corp.

546 DeSoto St., Salt Lake City, UT 84103

Owner: Gold Bell Mining Co.

Colorado Springs, CO

Mill capacity: 100 t/d

Status: Inactive

## HIDDEN TREASURE MINE Gold

McCartney Mountain dist., sec. 9, T. 4 S., R. 8 W.

Owner: Joseph W. Rankin

P.O. Box 305, Osburn, ID 83849

Status: Unknown

## HILL TOP MINE Gold, silver, copper, lead, zinc

Virginia City dist., sec. 4, T. 7 S., R. 3 W.

Owner-Operator: Ed Scheitlin

Virginia City, MT 59755

Status: Inactive

## JACK RABBIT MINE Gold, silver, lead

Rochester dist., sec. 21, T. 2 S., R. 8 W.

Owner-Operator: Jim McLaughlin

Rt. 1, Box 22, Sheridan, MT 59749

Employees: 3

Status: Inactive

## JOHNSTON MOFFET GROUP Copper

Tidal Wave dist., sec. 2, T. 3 S., R. 5 W.

Operator: Wheeler Properties, Inc.

575 Forest St., Reno, NV 89502

Owner: The Johnston Estate, G. W. Richards, Atty.

Metals Bank Building, Butte, MT 59701

Status: Inactive

\*Open pit; \*\*Open pit and underground

**MADISON COUNTY—Continued****JUMPER CLAIMS** Gold, silver, copper

Pony dist., sec. 27, T. 2 S., R. 3 W.

Operator: Harold Neal

Pony, MT 59747

Owner: Wayne Martin

418 N. Western Drive, Bozeman, MT 59715

Status: Inactive

**MORNING STAR MINE** Silver, zinc

Lower Hot Springs dist., sec. 28, 29, T. 3 S., R. 1 E.

Owner-Operator: R. B. Farnsworth

P.O. Box 340, Bozeman, MT 59715

Employees: 2

Status: Developing

**MOUNTAIN FLOWER MINE** Gold, silver

Williams Gulch dist., sec. 33, T. 6 S., R. 3 W.

Owner-Operator: R. H. Rogers

Box 11, Alder, MT 59710

Status: Developing

**\*MUELLER MINE** Gold, silver, lead

McCarty dist., sec. 3, 4, T. 4 S., R. 8 W.

Operator: Sam Bear Gold Co. (Dale Bros.)

Twin Bridges, MT 59754

Owner: Ed Mueller

1013 Utah Ave., Butte, MT 59701

Status: Produced, developing

**NELLIE BLY GROUP** Gold

Highland dist., sec. 1, 12, T. 7 S., R. 3 W.

Operator: Clifford E. Melroe

Box 275, Virginia City, MT 59755

Owner: Clifford E. Melroe

Gwinner, ND 58040

Status: Producing, developing

**PACIFIC MINE** Gold, silver, lead

Browns Gulch dist., sec. 9, T. 7 S., R. 3 W.

Operator: Ed Scheitlin

Pacific Mines, Inc., Virginia City, MT 59755

Status: Produced

**RED PINE MINE** Gold, silver

Sheridan dist., sec. 5, T. 4 S., R. 4 W.

Operator: R. T. Thomas, 2860 S. Circle Dr.

Colorado Springs, CO 80906

Owner: Shermont Mining Co., c/o John Magnus

Box 254, Sheridan, MT 59749

Employees: 4

Mill capacity: 100 t/d

Status: Producing, developing

**ST. JOHN GROUP** Gold, silver

Highland dist., sec. 1, T. 7 S., R. 3 W.

Operator: Winnetka Trust, c/o A. J. Katches

Virginia City, MT 59755

Owner: Highland Trust, c/o A. J. Katches

Virginia City, MT 59755

Status: Developing

**ST. LAWRENCE CONSOLIDATED MINE** Gold, silver

Nevada City dist., sec. 31, 32, 33, T. 6 S., R. 3 W.

Operator: Phil Mason, Jack Guidi

Box 303, Virginia City, MT 59755

Owner: James L. Thomas, President, St. Lawrence

Consolidated Mines, Inc., 5611 Jolly Roger Rd.

Tempe, AZ 85283

Status: Produced, developing

**SCALDED CAT MINE** Gold, silver, copper, tungsten

Mineral Hill dist., sec. 14, T. 2 S., R. 3 W.

Owner-Operator: Emmett Clary

Box 628, Pony, MT 59747

Employees: 2

Status: Developing

**SHORT SHIFT MINE** Gold

Rabbit dist., SE¼ sec. 6, T. 2 S., R. 7 W.

Owner-Operator: John A. Layton and Dorothy M.

Layton, Box 98, Melrose, MT 59743

Mill capacity: 20 t/d

Employees: 2

Status: Developing

**SMUGGLER MINE** Gold, silver

Mill Creek dist., sec. 13, T. 4 S., R. 4 W.

Owner-Operator: Goldstream Mining Co.

6715 Village Rd., Salt Lake City, UT 84121

Status: Inactive

**SURPRISE CLAIMS GROUP** Gold, silver, lead

California (Harris) Creek dist., sec. 5, 6, 7, 8,

T. 5 S., R. 3 W.

Owner-Operator: Harry Bennetts Estate

Sheridan, MT 59749

Status: Unknown

**\*TAMARACK MINE (BROADGAUGE)** Gold

Sheridan dist., sec. 17, T. 4 S., R. 4 W.

Operator: R. L. Holladay

Box 302, Sheridan, MT 59749

Owner: Broadgauge Mine, Inc.

Box 302, Sheridan, MT 59749

Employees: 3

Mill capacity: 100 t/d

Status: Produced, developing

\*Open pit; \*\*Open pit and underground

**MADISON COUNTY—Continued**

**\*UNCLE SAM MINE** Gold, silver  
 Mill Creek dist., NE¼ sec. 17, T. 4 S., R. 3 W.  
 Owner-Operator: Steve Mortensen and  
 Bob McDonald, Sheridan, MT 59749  
 Status: Developing

**UNION MINE** Gold, silver  
 Sec. 21, T. 2 S., R. 8 W.  
 Operator: Solar Silver Mines, Inc.  
 W. 1505 - 4th, Spokane, WA 99204  
 Owner: Jim McLaughlin  
 Sheridan, MT 59749  
 Status: Inactive

**U S GRANT MINE** Gold, silver  
 Virginia City dist., sec. 36, T. 6 S., R. 3 W.  
 Operator: Ed Scheitlin, Pacific Mines, Inc.  
 Virginia City, MT 59755  
 Status: Producing, developing

**WATSECA MINE** Gold, silver

Rabbit dist., sec. 31, 32, T. 2 S., R. 7 W.  
 Operator: Rochester Enterprises  
 c/o John Magnus, Box 254, Sheridan, MT 59749  
 Owner: Lawrence McCune, 714 Hobart Building,  
 San Francisco, CA 94104  
 Employees: 6  
 Mill capacity: 200 t/d  
 Status: Developing

**WINNETKA TRUST GROUP** Gold, silver  
 Highland dist., sec. 1, 2, T. 7 S., R. 3 W.  
 Operator: Winnetka Trust, Box 275  
 Virginia City, MT 59755  
 Owner: Katherine Gohn and Winnetka Trust  
 Box 275, Virginia City, MT 59755  
 Status: Developing

**MEAGHER COUNTY: White Sulphur Springs 59645**

**BUGLAR CREEK MINE** Gold  
 Sec. 28, T. 9 N., R. 4 E.  
 Owner-Operator: A. J. Burchak and Travis Belue  
 Box 11, Lavina, MT 59046  
 Status: Developing

**BURBON MINE** Gold  
 White Sulphur Springs dist., sec. 28, T. 9 N., R. 4 E.  
 Operator: Travis Belue  
 1242 Ave. F, Billings, MT 59102  
 Owner: Alex J. Burchak and Travis Belue  
 213 Collins, Lavina, MT 59046  
 Status: Developing

**\*KING GROUP** Lead, silver, copper, gold  
 Tenderfoot (unorg.) dist., sec. 26, T. 14 N., R. 4 E.  
 Owner-Operator: Zubick Estate  
 c/o Mike Zubick and Wayne Plymole  
 Townsend, MT 59644  
 Status: Developing

**LUCKY DOLLAR MINE** Lead, silver  
 Castle Mountains dist., sec. 12, T. 8 N., R. 8 E.  
 Operator: Castlemont Mining and  
 Development, Inc., c/o Tom Mahan  
 1800 Silver, Helena, MT 59601  
 Owner: Carl Berg  
 Box 61, Martinsdale, MT 59053  
 Employees: 2  
 Status: Producing, developing

**MONTCANA GROUP** Copper  
 Castle Mountains (unorg.) dist., sec. 2, 3, 11, T. 8 N.,  
 R. 8 E.  
 Operator: Montcana Holdings, Ltd.  
 349 N. Main, Helena, MT 59601  
 Owner: Ron Breglois  
 P.O. Box 620, Kamloops, B.C., Canada  
 Status: Developing

**\*STUART MINE** Copper  
 Sec. 21, T. 7 N., R. 6 E.  
 Owner-Operator: Kenneth Cope  
 Townsend, MT 59644  
 Status: Inactive

**VOSS MINE** Copper  
 Castle Mountains dist., sec. 1, 2, 3, 11, T. 8 N., R. 8 E.  
 Operator: Montcana Holdings, Ltd.  
 P.O. Box 620, Kamloops, B.C., Canada  
 Owner: Carl Voss  
 1501 Butte Ave.  
 Helena, MT 59601  
 Status: Developing

**YELLOWSTONE MINE** Lead, zinc  
 Castle Mountains dist., sec. 18, T. 8 N., R. 8 E.  
 Owner-Operator: George Voldseth  
 Hamilton Mines, Inc.  
 Martinsdale, MT 59053  
 Employees: 2  
 Status: Produced, developing

\*Open pit; \*\*Open pit and underground

## MINERAL COUNTY: Superior 59872

AMAZON-DIXIE MINE Copper, lead, zinc  
 Saltese dist., sec. 4, 5, T. 19 N., R. 32 W.  
 Owner: Amazon-Dixie Mining Co.  
 Box 469, Scott Bldg., Wallace, ID 83873  
 Status: Developing

\*BLACK TRAVELER and BULORING MINES  
 Silver, copper  
 St. Regis-Saltese dist., sec. 5, T. 19 N., R. 30 W.  
 Operator: Charles P. Buls  
 416 E. Beckwith Ave., Missoula, MT 59801  
 Owner: Buloring Mines Co.  
 416 E. Beckwith Ave., Missoula, MT 59801  
 Status: Unknown

\*\*BONANZA GROUP Gold, silver, copper, lead, barite  
 Cedar Creek dist., sec. 17, T. 15 N., R. 26 W.  
 Owner-Operator: G. M. Gildersleeve  
 Box 565, Superior, MT 59872  
 Status: Developing

BRYAN MINE Silver, lead  
 Saltese dist., sec. 28, T. 20 N., R. 31 W.  
 Owner-Operator: Jupiter Mining Co.  
 Box 930, Wallace, ID 83873  
 Status: Inactive

EAST COEUR D' ALENE SILVER MINE Silver,  
 copper, lead, zinc  
 Keystone dist., T. 17, 18 N., R. 26, 28 W.  
 Owner-Operator: East Coeur d' Alene Silver  
 Mines, Inc., Scott Bldg., Wallace, ID 83873  
 Employees: 5  
 Status: Developing

GOLDBUG (TAWNEY) MINE Gold  
 Sec. 4, T. 17 N., R. 29 W.  
 Operator: The Gold Bug Mine, Inc.  
 c/o Robert E. Sheridan, Jr., 199 W. Pine  
 Missoula, MT 59801  
 Owner: Paul H. Richert and H. C. Richert  
 P.O. Box 42, St. Regis, MT 59866  
 Status: Developing

HEMLOCK MINE Copper, silver, lead, gold  
 Saltese dist., sec. 2, T. 19 N., R. 31 W.  
 Owner-Operator: Charles M. Shaw  
 P.O. Box 961, Carmel, CA 93921  
 Status: Developing

K & K MINE Silver, lead  
 Deer Creek dist., sec. 22, T. 18 N., R. 30 W.  
 Operator: John Karvonen  
 Box 60, Mullan, ID 83846  
 Owner: John Karvonen and others  
 Box 60, Mullan, ID 83846  
 Employees: 2  
 Status: Developing

LITTLE ANACONDA GROUP Silver, lead, zinc  
 Spring Gulch dist., sec. 35, T. 18 N., R. 26 W.  
 Operator: Sunrise Silver Mines, c/o Hugh G. King  
 Frenchtown, MT 59834  
 Owner: Hugh G. King and O. B. Anderson  
 Box 1506, Missoula, MT 59801  
 Employees: 2  
 Status: Developing

MINNICK MINE Lead, silver  
 St. Regis-Saltese dist., sec. 5, T. 18 N., R. 30 W.  
 Operator: Ray Minnick  
 Medical Lake, WA 99022  
 Owner: Ray Minnick and others  
 Medical Lake, WA 99022  
 Status: Inactive

NANCY LEE MINE Silver, lead, zinc  
 Keystone dist., sec. 31, 32, T. 18 N., R. 26 W.  
 Operator: Atlas Mining Co.  
 E. 34 High Drive, Spokane, WA 99203  
 Owner: Nancy Lee Mines, Inc.  
 Box 67, Kellogg, ID 83837  
 Mill capacity: 150 t/d  
 Status: Inactive

PEARL GROUP Gold, silver  
 Alder dist., sec. 1, 2, T. 7 S., R. 3 W.  
 Owner-Operator: Clifford E. Melroe  
 c/o A. J. Katches  
 Box 275, Virginia City, MT 59755  
 Employees: 4  
 Status: Developing

RIVERS CREEK MINE Silver, lead  
 St. Regis-Saltese dist., sec. 5, T. 18 N., R. 30 W.  
 Owner-Operator: Charles L. Kannegaard and  
 Ray and Charles Minnick  
 Box 386, Medical Lake, WA 99022  
 Status: Unknown



## MINERAL COUNTY—Continued

SILVER CREEK MINE Copper  
 Saltese dist., sec. 14, T. 19 N., R. 31 W.  
 Operator: Willie Downs  
 Silver Creek Mining Co., DeBorgia, MT 59830  
 Owner: Silver Creek Mining Co.  
 Box B, Stevensville, MT 59870  
 Status: Inactive

SPITFIRE MINE Gold, silver, copper  
 Sevenmile Creek dist., sec. 35, T. 19 N., R. 27 W.  
 Owner-Operator: Isabel V. Graham  
 RFD, Missoula, MT 59801  
 Status: Unknown

## MISSOULA COUNTY: Missoula 59801

BELLVIEW MINE Silver, copper, gold  
 Clinton dist., sec. 17, T. 12 N., R. 16 W.  
 Owner-Operator: Ernest Terry  
 Box 73, Clinton, MT 59825  
 Employees: 2  
 Status: Produced, developing

\*\*SAN MARTINA MINE Gold, silver, copper, lead  
 Nine Mile dist., sec. 21, 22, 27, 28, T. 17 N., R. 24 W.  
 Operator: K & N Minerals  
 c/o W. A. Nagy, Huson, MT 59846  
 Owner: Frank Realty Co.  
 204 Professional Bldg., Butte, MT 59701  
 Status: Unknown

\*COPPER CLIFF MINE Copper, gold, silver  
 Copper Cliff dist.  
 Owner-Operator: Armada Corp.  
 P.O. Box 3415, Missoula, MT 59801  
 Employees: 8  
 Status: Developing

SWEET BYE AND BYE MINE Gold, silver  
 Sec. 25, T. 12 N., R. 20 W.  
 Operator: Silver Bow Land, Cattle and  
 Mining Co., Inc.; c/o Bill McLaughlin  
 Century Plaza Bldg., Missoula, MT 59801  
 Owner: Bill McLaughlin  
 Century Plaza Bldg., Missoula, MT 59801  
 Status: Inactive

\*FRANCES MINE Copper, silver, gold, lead, antimony  
 Nine Mile dist., sec. 5, 7, 8, T. 17 N., R. 24 W.  
 Operator: J. L. Waylett and Ken Simon  
 St. Regis, MT 59866  
 Owner: J. L. Waylett  
 231 W. Sussex Ave., Missoula, MT 59801  
 Employees: 5  
 Mill capacity: 50 t/d  
 Status: Developing

\*WALDBILLIG MINE Copper, silver, gold  
 Miller Creek dist., sec. 1, 2, T. 11 N., R. 19 W.  
 Owner-Operator: Joe and O. R. Waldbillig  
 Rt. 5, Miller Creek, Missoula, MT 59801  
 Status: Developing

JENLO MINES Lead, zinc, silver, copper  
 Coloma dist., sec. 11, T. 12 N., R. 16 W.  
 Operator: Jenlo Mining Co., R. E. Peterson  
 635 Alder, Missoula, MT 59801  
 Owner: R. E. Peterson  
 635 Alder, Missoula, MT 59801  
 Employees: 3  
 Status: Developing

\*\*WARD LODE MINE Gold, silver, copper, lead, zinc  
 Sec. 22, T. 11 N., R. 22 W.  
 Owner-Operator: Ward Development Co.  
 Hwy. 3 and South Ave., Missoula, MT 59801  
 Employees: 3  
 Status: Developing

NUGGET MINE Lead, zinc, copper, silver  
 Nine Mile dist., sec. 13, 18, T. 16 N., R. 23 W.  
 Operator: Frank A. Morbeck  
 Box 684, Wallace, ID 83873  
 Owner: Nugget Mining Co.  
 Box 1127, Wallace, ID 83873  
 Employees: 3  
 Status: Developing

**PARK COUNTY: Livingston 59047**

**\*\*BAR GROUP** Gold, silver, lead, copper, molybdenum  
Emigrant, Six Mile dist., sec. 5, 6, 7, 8, 9, 16, 17, 19,  
20, 21, 30, T. 7 S., R. 9 E.  
Owner-Operator: J. H. Counts  
221 South C St., Livingston, MT 59047  
Status: Developing

**BARBARA ANN MINE** Gold, silver, lead, copper  
Sec. 26, 35, T. 6 S., R. 9 E.  
Owner-Operator: A. Kester and Garland S. Counts  
Box 465, Livingston, MT 59047  
Status: Developing

**\*COPPER GROUP** Copper, iron, nickel  
Mill Creek dist., sec. 25, 36, T. 6 S., R. 9 E.  
Owner-Operator: J. H. Counts  
221 South C St., Livingston, MT 59047  
Status: Developing

**DMH GROUP** Gold, silver, copper  
New World dist., sec. 1, 2, 11, 12, T. 9 S., R. 14 E.  
Owner-Operator: DMH Enterprises, Inc.  
Box 507, Livingston, MT 59047  
Status: Inactive

**\*GLENGARRY (WHITE) CLAIMS** Gold, silver, copper  
New World dist., sec. 12, T. 9 S., R. 14 E.  
Operator: Earl Nott  
Columbus, MT 59019  
Owner: Harriet White  
Spokane, WA 99200  
Employees: 1  
Status: Developing

**\*HOPE GROUP** Copper, silver  
Mill Creek dist., sec. 36, T. 6 S., R. 8 E.  
Owner-Operator: J. H. Counts  
221 South C St., Livingston, MT 59047  
Status: Developing

**\*\*MAGNITITE GROUP** Gold, silver, lead, iron,  
copper, nickel  
Six Mile, Emigrant dist., sec. 2, 10, 11, 12, 18, 21, 24,  
25, T. 7 S., R. 8 E.  
Owner-Operator: J. H. Counts  
221 South C St., Livingston, MT 59047  
Employees: 3  
Status: Developing

**MOHAWK MINE** Gold, lead, silver  
New World dist., sec. 25, 36, T. 9 S., R. 14 E.  
Owner-Operator: Don J. Geiger  
1301 Industrial Ave., Apt. 34, Billings, MT 59102  
Employees: 2  
Status: Produced

**PETE PEAR GROUP** Gold, silver  
Emigrant dist., sec. 31, T. 7 S., R. 9 E.  
Owner-Operator: David W. Harris  
7135 Hollywood Blvd., Hollywood, CA 90046  
Status: Inactive

**\*\*REPUBLIC MINE** Lead, silver, zinc  
New World dist., sec. 36, T. 9 S., R. 14 E.  
Owner-Operator: Ralph Huckaba  
Box 336, Whitehall, MT 59759  
Mill capacity: 35 t/d  
Employees: 2  
Status: Producing, developing

**PHILLIPS COUNTY: Malta 59538**

**GOLD BUG-LITTLE BEN MINE** Gold, silver  
Little Rockies dist., sec. 15, T. 25 N., R. 24 E.  
Operator: Wharf Resources, Ltd.  
Landusky, MT 59533  
Owner: Wharf Resources  
Vancouver, B.C., Canada  
Employees: 5  
Status: Developing

**LINDA KAY MINE** Gold, silver  
Little Rockies dist., sec. 12, T. 25 N., R. 24 E.  
Owner-Operator: Montana Western Mining Co.  
D.D. Peterson and Associates  
Box 247, Forks, WA 98331  
Status: Developing

**RUBY GULCH MINE** Gold, silver  
Little Rockies dist., sec. 18, T. 25 N., R. 25 E.  
Operator: Placer Amex, Inc., Rm. 26, Gatlin  
Prof. Bldg., N. 7322 Division, Spokane, WA 99208  
Owner: Gold Reserve Mining Co.  
c/o Henry Kolstad Estate, Chester, MT 59522  
Mill capacity: 500 t/d  
Status: Developing

**U.S. EXPLORATION GROUP** Gold, silver  
Zortman dist., T. 25 N., R. 25 E.  
Owner-Operator: U.S. Exploration and Development,  
Inc., c/o Leonard Smestad, Secy.  
Williston, ND 58801  
Status: Unknown

## POWELL COUNTY: Deer Lodge 59722

- \*BARRY DEAN MINE** Gold  
Zosell dist., sec. 10, T. 7 N., R. 8 W.  
Owner-Operator: Lionel C. Taft  
920 - 65th Ave. NE, Puyallup, WA 98371  
Status: Inactive
- BUMBLEBEE MINE** Gold, copper  
Ophir dist., sec. 20, T. 11 N., R. 7 W.  
Owner-Operator: Clarke J. Smith  
Rt. 2, Valencia, PA 16059  
Status: Inactive
- ELLISTON CONSOLIDATED GROUP** Lead, zinc, silver  
Elliston dist., sec. 5, 8, 10, 15, 22, T. 8 N., R. 6 W.  
Owner-Operator: Elliston Consolidated Mining Co.  
Elliston, MT 59728  
Status: Inactive
- FAIRVIEW MINE** Gold, silver, copper  
Ophir dist., sec. 25, T. 11 N., R. 8 W.  
Owner-Operator: Wesley Dix  
703 S. Montana, Butte, MT 59701  
Employees: 3  
Status: Developing
- \*\*HARD LUCK MINE** Silver, copper, lead, zinc  
Elliston dist., sec. 14, 16, 17, 20, 21, T. 8 N., R. 6 W.  
Operator: Ray, Larry, and Charles Ward  
Elliston, MT 59728  
Owner: Hard Luck Mines  
Elliston, MT 59728  
Status: Unknown
- \*\*HIDDEN HAND MINE** Gold, silver, lead  
Zosell dist., NW $\frac{1}{4}$  SW $\frac{1}{4}$  sec. 2, T. 7 N., R. 8 W.  
Operator: Mine Finders, Inc.  
8700 W. 14th Ave., Lakewood, CO 80215  
Owner: Mrs. Fern Johnson  
400 Milwaukee, Deer Lodge, MT 59722  
Status: Inactive
- INCLINE MINE** Lead, silver, gold  
Emery (Zosell) dist., sec. 2, T. 7 N., R. 8 W.  
Operator: George L. Rennfield  
Rt. 1, Deer Lodge, MT 59722  
Owner: Ivan Stocks and George L. Rennfield  
Deer Lodge, MT 59722  
Status: Developing
- MONARCH MINE** Gold, silver, copper  
Ontario dist., sec. 30, 31, T. 8 N., R. 6 W.  
Owner-Operator: Monarch Minerals, Inc.  
D. L. Jones, Mgr., Box 33, Helena, MT 59601  
Employees: 3  
Status: Produced, developing
- NANCY HELEN MINE** Gold, copper  
Ophir dist., sec. 20, T. 11 N., R. 7 W.  
Owner-Operator: Clarke J. Smith  
Rt. 2, Valencia, PA 16059  
Status: Developing
- NEGROS MINE** Gold, silver, lead, zinc  
Negro Hill dist., SE $\frac{1}{4}$  SW $\frac{1}{4}$  sec. 36, T. 9 N., R. 7 W.  
Owner-Operator: J. F. Hopkins  
401 N. Montana, Helena, MT 59601  
Status: Developing
- \*\*NELSON and DAN 1 & 2 MINES** Gold, silver, copper  
Elk Creek dist. (Powell and Granite Counties), sec. 5,  
6, 7, 8, T. 12 N., R. 13 W.  
Operator: Silver Trend Mining Co.  
Box 96, Kellogg, ID 83837  
Owner: Nelson Mines  
Harold G. Nelson, Sr., Greenough, MT 59836  
Status: Inactive
- NORTH POLE MINE** Silver, copper, zinc, gold  
Elliston dist., sec. 1, 6, 9, T. 8 N., R. 6 W.  
Operator: James R. Dixon and Duane L.  
Pickering, Box 302, Elliston, MT 59728  
Owner: James R. Dixon and Dorothy E. Dixon  
Box 302, Elliston, MT 59728  
Status: Produced
- \*\*SUNRISE MINE** Gold, silver, lead  
Negro Hill dist., sec. 12, T. 8 N., R. 7 W.  
Owner-Operator: Enard A. Lindquist  
Box 334, Elliston, MT 59728  
Status: Unknown
- THIRD TERM MINE** Zinc, copper, gold, silver, lead  
Elliston dist., sec. 28, T. 9 N., R. 6 W.  
Owner-Operator: Ben Camp and Delbert Woodley  
Box 333, Elliston, MT 59728  
Status: Developing

\*Open pit; \*\*Open pit and underground

**POWELL COUNTY—Continued****TIBBETTS MINE** Gold

Pikes Peak dist., sec. 7, 8, T. 8 N., R. 11 W.  
 Operator: Clifford Hatton  
 2501 S. Dakota St., Butte, MT 59701  
 Owner: Clifford Hatton and others  
 2501 S. Dakota St., Butte, MT 59701  
 Status: Developing

**WOLVERINE MINE** Gold, silver, lead  
 Elliston dist., sec. 18, 19, 20, T. 8 N., R. 6 W.  
 Owner-Operator: Wolverine Corp.  
 c/o M. M. Butler, Pres.  
 2711 Miles Ave., Billings, MT 59102  
 Status: Unknown

**RAVALLI COUNTY: Hamilton 59840****\*CURLEW MINE** Silver, lead

Pleasant View dist., sec. 13, T. 8 N., R. 21 W.  
 Operator: D.S.C. Partnership  
 R.R. 1, Box 142, Victor, MT 59875  
 Owner: Holter Estate, c/o First National Bank  
 302 N. Main, Helena, MT 59601  
 Status: Produced, developing

**\*VIOLET GROUP** Molybdenum, tungsten, silver, gold

Blue Nose dist., sec. 22, 28, 29, T. 4 S., R. 22 W.  
 Owner-Operator: Dean Motley  
 320 S. 2d St., Hamilton, MT 59840  
 Status: Developing

**HIGHLAND MINE** Copper, gold, silver, lead

Overwich dist., sec. 7, T. 2 S., R. 21 W.  
 Operator: Dan Lofftus  
 Hamilton, MT 59840  
 Owner: L.C.L., Inc.  
 Box 604, Darby, MT 59829  
 Status: Developing

**\*WOODS CREEK COPPER MINE** Copper, silver, gold

Mineral Hill dist., sec. 16, 17, 20, 21, T. 3 S., R. 22 W.  
 Owner-Operator: LeRoy Sargent  
 Rural Rt., Darby, MT 59829  
 Status: Inactive

**LOGGER (BUGLE RIDGE) GROUP** Silver, copper, beryl

East Fork dist., sec. 6, T. 1 N., R. 17 W.  
 Operator: Tom Nash  
 Darby, MT 59829  
 Owner: Tom Nash and others  
 Darby, MT 59829  
 Status: Inactive

**SANDERS COUNTY: Thompson Falls 59873****BROKEN HILL MINE** Silver, lead, zinc

Heron dist., sec. 10, T. 27 N., R. 34 W.  
 Operator: Arthur Jenson  
 Heron, MT 59844  
 Owner: J. P. Swann and others  
 E. 910½ Hawthorne Rd., Spokane, WA 99218  
 Status: Inactive

**FOUR UP GROUP** Copper

Sec. 22, T. 24 N., R. 32 W.  
 Operator: Hillside Mines, Inc.  
 816 Old National Bank Bldg., Spokane, WA 99200  
 Owner: Donald C. Cripe and others  
 Rt. 1, Box 929-B, Libby, MT 59923  
 Status: Inactive

**EDDY CREEK MINE** Gold, silver copper, lead

Eddy Creek dist., sec. 16, 21, T. 20 N., R. 28 W.  
 Owner-Operator: The State Mining Co.  
 W.W. Stearns, Box 141, Plains, MT 59859  
 Status: Inactive

**\*\*FREDERICK and WIND GROUPS** Copper, silver

Squaw Peak dist., sec. 13, 24, T. 27 N., R. 34 W.  
 Owner-Operator: Mr. Lynn Keith and Art Neils  
 Rt. 2, Troy, MT 59935  
 Employees: 2  
 Status: Developing

**SANDERS COUNTY—Continued**

**GOLDEN ROC MINES** Gold, silver, lead, copper  
Trout Creek dist., T. 23 N., R. 32 W.  
Owner-Operator: Golden Rock Mines Co.  
314 River St., Wallace, ID 83873  
Status: Inactive

**GOPHER HOLE MINE** Gold, silver, lead, zinc  
Blue Creek dist., sec. 10, T. 27 N., R. 34 W.  
Owner-Operator: J. C. Brooks  
Star Rt., Clark Fork, ID 83811, and  
Dettwiler Bros., Noxon, MT 59853  
Status: Developing

**HEIDELBERG MINE** Gold, silver  
Noxon dist., SE¼ sec. 29, NW¼ sec. 32, T. 27 N.,  
R. 31 W.  
Operator: Heidelberg Mining Company  
of Montana, c/o G. A. Myers  
1001 Court St., Pasco, WA 99301  
Status: Developing

**HOLLIDAY MINE** Silver, copper, lead, zinc  
Pilgrim Creek dist., sec. 25, 36, T. 26 N., R. 34 W.  
Owner-Operator: Silver Mark Mines, Inc.  
Box 197, Noxon, MT 59853  
Status: Inactive

**JEFF, WOG, and CIRCLE 8 GROUPS** Copper, silver  
Vermillion dist., sec. 18, 19, 24, 25, 30, 31, T. 24 N.,  
R. 29, 30, 31 W.  
Owner-Operator: Mr. Lynn Keith and Art Neils  
Rt. 2, Troy, MT 59935  
Employees: 2  
Status: Developing

**\*LAURA APEX GROUP** Copper  
Sec. 12, T. 24 N., R. 29 W.  
Owner-Operator: Donald C. Cripe and others  
Rt. 1, Box 929-B, Libby, MT 59923  
Status: Developing

**\*LUCKY STRIKE MINE** Copper, gold  
Revais Creek dist., sec. 33, T. 18 N., R. 22 W.  
Operator: Bert Browning  
Star Rt., Dixon, MT 59831  
Owner: Mrs. Mabel Ashcroft  
Star Rt., Dixon, MT 59831  
Status: Inactive

**MONTRO GOLD MINES** Lead, silver, copper, gold  
Plains dist., SE¼ sec. 4, SW¼ sec. 3, T. 19 N., R. 26 W.  
Operator: William L. Burns  
Plains, MT 59859  
Owner: Mrs. Marion R. Kruger and William L. Burns  
Plains, MT 59859  
Employees: 2  
Status: Unknown

**RAVEN MINE** Copper, silver  
Thompson River dist., NW¼ sec. 4, T. 21 N., R. 28 W.;  
SW¼ sec. 33, T. 22 N., R. 28 W.  
Operator: Knute Kirkeberg  
Box 786, Thompson Falls, MT 59873  
Owner: Raven Mining Co., c/o Austin Monk  
Marion, MT 59925  
Employees: 2  
Status: Produced, developing

**RED FIR (AMAZON) MINE** Gold, silver, copper  
Blue Creek dist., sec. 25, T. 27 N., R. 34 W.  
Operator: International Minerals & Chemical Corp.  
Skokie, IL 72960  
Owner: J. C. Brooks and others  
Star Rt., Clark Fork, ID 83811  
Status: Inactive

**SID CLAIM** Copper  
Trout Creek dist., sec. 24, T. 24 N., R. 32 W.  
Owner-Operator: Sidney A. deBarathy  
2900 Sherman Ave., Butte, MT 59701  
Status: Developing

**SILVER BOW COUNTY: Butte 59701**

**\*BERKELEY PIT** Gold, silver, copper  
Summit Valley dist., sec. 5, 6, 7, 8, 18,  
T. 3 N., R. 7 W.  
Owner-Operator: The Anaconda Co.  
Butte, MT 59701  
Employees: 1,400  
Mill capacity: 50,000 t/d  
Status: Producing

**CARVER TAILINGS** Gold, silver, copper, lead, zinc  
Butte dist., sec. 21, T. 3 N., R. 7 W.  
Operator: Frank Antonioli  
724 S. Western Ave., Butte, MT 59701  
Status: Inactive

\*Open pit; \*\*Open pit and underground

**SILVER BOW COUNTY—Continued**

\*CLIMAX (APEX) LODGE GROUP Gold, silver  
Divide Creek dist., sec. 5, 6, T. 1 N., R. 8 W.  
Operator: James S. Knowlson, V  
1324 Platinum, Butte, MT 59701  
Owner: Intermountain Deaconess Home for Children  
Helena, MT 59601  
Status: Inactive

\*COLORADO TAILINGS Gold, silver, copper  
Summit Valley dist., sec. 23, T. 3 N., R. 7 W.  
Operator: Frank Antonioli  
724 S. Western Ave., Butte, MT 59701  
Status: Inactive

\*CONTINENTAL EAST PIT Copper  
Butte dist., sec. 15, 16, T. 3 N., R. 7 W.  
Owner-Operator: The Anaconda Co.  
Butte, MT 59701  
Employees: 100  
Mill capacity: 14,000 t/d  
Status: Produced

\*COPPER HILL (LEGAL TENDER) MINE Copper  
Camp Creek dist., sec. 3, T. 2 S., R. 8 W.  
Owner-Operator: Arthur Benson  
1000 California St., Butte, MT 59701  
Status: Inactive

\*\*FISH CREEK MINE Silver, copper  
Highland dist., sec. 31, 32, T. 1 N., R. 7 W.  
Operator: GeoResources, Inc.  
Box 1505, Williston, ND 58801  
Owner: Howard Stratton and GeoResources, Inc.  
Butte, MT 59701  
Status: Inactive

KELLY MINE Gold, silver, copper  
Summit Valley dist., SW¼ SW¼ sec. 7, T. 3 N., R. 7 W.  
Owner-Operator: The Anaconda Co.  
Butte, MT 59701  
Employees: 182  
Status: Produced

MOUAT MINE Copper, nickel  
Nye dist., sec. 20, T. 5 S., R. 15 E.  
Owner-Operator: The Anaconda Co.  
Butte, MT 59701  
Employees: 5  
Status: Developing

**LEONARD MINE Gold**

Summit Valley dist., cen. SW¼ sec. 8, T. 3 N., R. 7 W.  
Owner-Operator: The Anaconda Co.  
Butte, MT 59701  
Employees: 205  
Status: Produced, inactive

MOUNTAIN CON MINE Gold, silver, copper  
Summit Valley dist., NE¼ SW¼ sec. 12, T. 3 N., R. 8 W.  
Owner-Operator: The Anaconda Co.  
Butte, MT 59701  
Status: Inactive

\*\*OVERLOOK GROUP MINE Gold, silver, copper  
tungsten  
Highland dist., sec. 15, 22, 23, 26, 27, T. 1 N., R. 7 W.  
Operator: Tungstanium Mining Ltd.  
Butte, MT 59701  
Owner: E. W. Sharak and others  
5039 N. 28th St., Milwaukee, WI 53209  
Mill capacity: 25 t/d  
Status: Developing

PEABODY MINE Silver, lead  
Soap Gulch dist., T. 1 S., R. 8 W.  
Owner-Operator: Lively's Inc.  
Box 96, Melrose, MT 59743  
Status: Inactive

STEWARD MINE Gold, silver, copper  
Summit Valley dist., NW¼ NE¼ sec. 13, T. 3 N., R. 8 W.  
Owner-Operator: The Anaconda Co.  
Butte, MT 59701  
Employees: 325  
Status: Produced, inactive

WRONG FONT GROUP Gold, silver  
Summit Valley dist., sec. 19, 24, T. 3 N., R. 9 W.  
Owner-Operator: Tom Helehan  
P.O. Box 235, Butte, MT 59701  
Status: Developing

**STILLWATER COUNTY: Columbus 59019**

\*Open pit; \*\*Open pit and underground

## IRON MINES

## BROADWATER COUNTY: Townsend 59644

**\*IRON CROSS MINE** Iron ore

Cedar Plains dist., sec. 12, T. 5 N., R. 1 W.

Operator: R &amp; S Iron Co., Inc.

Radersburg, MT 59641

Owner: John M. Ralls and Arthur W. Sitton

Radersburg, MT 59641

Employees: 3

Status: Produced

**\*THE BIG DEAL MINE** Iron ore

Beaver Creek dist., sec. 11, T. 8 N., R. 1 W.

Operator: R &amp; S Iron Co., Inc.

Radersburg, MT 59641

Owner: John M. Ralls and Arthur W. Sitton

Radersburg, MT 59641

Status: Inactive

**\*LUPINE MINE** Iron ore

Cedar Plains dist., sec. 21, T. 6 N., R. 1 E.

Operator: R &amp; S Iron Co., Inc.

Radersburg, MT 59641

Owner: John M. Ralls and Arthur W. Sitton

Radersburg, MT 59641

Status: Inactive

## MEAGHER COUNTY: White Sulphur Springs 59645

## BLACK BUTTE MINE Iron ore

Sheep Creek dist., sec. 34, T. 12 N., R. 6 E.

Operator: R &amp; S Iron Co., Inc.

Radersburg, MT 59641

Owner: R. Borland and J. Potter

White Sulphur Springs, MT 59645

(Leased by R &amp; S Iron Co.)

Employees: 4

Status: Produced

## MANGANESE MINES

## BEAVERHEAD COUNTY: Dillon 59725

## BLACKSTONE 1 and 2 MINE Manganese

Bryant dist., NE¼ sec. 21, T. 2 S., R. 10 W.

Owner-Operator: Claude and Hazel Dodgson

Melrose, MT 59743

Status: Inactive

## MOLYBDENUM MINES

## RAVALLI COUNTY: Hamilton 59840

**\*MOLLY 1, 2, 3, 4, and 5 MINE** Molybdenum

Skalkaho dist. (unorg.), T. 5 N., R. 18 W.

Owner-Operator: Leif Aune

Box 303, Darby, MT 59829

Employees: 1

Status: Developing

\* Open pit; \*\* Open pit and underground

## THORIUM MINES

## BEAVERHEAD COUNTY: Dillon 59725

LAST CHANCE MINE Thorium, rare earths  
 Lemhi Pass dist., sec. 20, 28, 29, T. 10 S., R. 15 W.  
 Owner: Sawyer-Adecor Inter., Inc.  
 3780 Wilshire Blvd., Los Angeles, CA 90010  
 Status: Unknown

## TUNGSTEN MINES

## BEAVERHEAD COUNTY: Dillon 59725

BROWNS LAKE MINE Tungsten  
 Lost Creek dist., sec. 3, 4, T. 4 S., R. 10 W.  
 Owner-Operator: General Electric Co.  
 P.O. Box 1256, Dillon, MT 59725  
 Status: Inactive

\*\*GREENSTONE MINE Copper, tungsten  
 Utopia dist., sec. 11, T. 5 S., R. 10 W.  
 Operator: Carl Kennedy  
 Box 862, Dillon, MT 59725  
 Owner: George W. Farlin Trust  
 P.O. Box 1771, Seattle, WA 98111  
 Status: Inactive

\*CALVERT MINE Tungsten  
 Wise River dist., sec. 12, T. 1 N., R. 13 W.  
 Owner-Operator: General Electric Co.  
 P.O. Box 1256, Dillon, MT 59725  
 Status: Inactive

LOST CREEK MINE Tungsten  
 Lost Creek dist., sec. 11, 14, 23, T. 4 S., R. 10 W.  
 Operator: General Electric Co.  
 P.O. Box 1256, Dillon, MT 59725  
 Owner: Moly Tung, Inc.  
 First National Bank Bldg., Butte, MT 59701  
 Status: Inactive

## GRANITE COUNTY: Philipsburg 59858

BLUE MOON MINE Tungsten, gold, silver, copper  
 Garnet dist., sec. 2, 3, 10, 11, T. 12 N., R. 14 W.  
 Operator: American Tungsten Corp.  
 219 E. Main, Missoula, MT 59801  
 Owner: Cordoba Corp.  
 P.O. Box 2464, Missoula, MT 59801  
 Status: Developing

## SILVER BOW COUNTY: Butte 59701

\*\*OVERLOOK GROUP MINE Tungsten  
 Highland dist., sec. 15, 22, 23, 26, 27, 28, T. 1 N., R. 7 W.  
 Operator: Tungstanium Mining Ltd.  
 Butte, MT 59701  
 Owner: E. W. Sharak and others  
 5039 N. 28th St., Milwaukee, WI 53209  
 Status: Developing



## URANIUM MINES

CARBON COUNTY: Red Lodge 59068

**\*\*SWAMP FROG MINE** Uranium

Pryor Mountains dist., sec. 17, 20, 21, T. 9 S., R. 27 E.

Owner-Operator: James J. Stoick

Box 2074, Billings, MT 59101

Status: Developing

JEFFERSON COUNTY: Boulder 59632

## FREE ENTERPRISE URANIUM-RADON MINE

Boulder dist., sec. 22, T. 6 N., R. 4 W.

Operator: Wade V. Lewis, Pres., Elkhorn Mining Co.

Boulder Bank Bldg., Boulder, MT 59632

Owner: Elkhorn Mining Co.

Boulder, MT 59632

Employees: 5

Status: Health mine

## GOLD PLACERS

BEAVERHEAD COUNTY: Dillon 59725

## GRASSHOPPER PLACER Gold

Bannack dist., sec. 15, 16, T. 8 S., R. 11 W.

Owner-Operator: BonAccord Mining Co.

Suite B-2, Century Plaza Bldg., Missoula, MT 59801

Status: Inactive

BROADWATER COUNTY: Townsend 59644

## GARNET PLACER Gold

Magpie Gulch dist., T. 11 N., R. 1 E.

Owner-Operator: Les Sodorff

Box 69, Clancy, MT 59634

Status: Inactive

## RAINBOWS END Gold

Sec. 30, T. 10 N., R. 3 E.

Owner-Operator: Arthur Kurth and Richard McCord

Box 43, East Helena, MT 59635

Status: Unknown

GRANITE COUNTY: Philipsburg 59858

## CONFIDENT, RADAR, CASTLE 1 &amp; 2 PLACER GROUP

Gold, silver

Granite dist., sec. 22, 23, T. 6 N., R. 13 W.

Owner-Operator: William J. Dean, Jr., and Son

1460 Ponderosa, Idaho Falls, ID 83401

Employees: 1

Status: Unknown

## WOLVERINE PLACER Gold

Operator: Wolverine Mining, Inc., c/o Wilbur J. Zepp

42549 Adams St., Colony No. 13

Indio, CA 92201

Owner: Wilbur J. Zepp and others

9457 S. Las Vegas Blvd., Las Vegas, NV 89119

Status: Inactive

**GOLD PLACERS—Continued****JEFFERSON COUNTY: Boulder 59632****\*BEAR GULCH PLACER Gold**

Homestake dist., sec. 16, T. 3 N., R. 7 W.

Owner: Bear Gulch Development Co.

P.O. Box 546, Butte, MT 59701

Status: Inactive

**SKOOKUM PLACER Gold**

Comet dist., sec. 1, 12, T. 6 N., R. 5 W.

Owner-Operator: Theodore Nyquest

Box 133, Boulder, MT 59632

Status: Produced, developing

**\*BLACK CANYON PLACERS Gold**

Alhambra dist., sec. 14, 15, T. 7 N., R. 3 W.

Owner-Operator: A. E. Reichel and others

3112 1st Ave. N., Great Falls, MT 59401

Status: Developing

**VICKI PLACER Gold, platinum**

Champion dist., sec. 25, T. 8 N., R. 8 W.

Owner-Operator: George Jaslowski

Box 494, Basin, MT 59631

Status: Unknown

**\*LUCKY KAREN PLACER Gold**

Homestake dist., sec. 16, T. 3 N., R. 7 W.

Owner: Bear Gulch Development Co.

P.O. Box 546, Butte, MT 59701

Status: Inactive

**LEWIS AND CLARK COUNTY: Helena 59601****\*ALL PLACER Gold**

Sec. 36, T. 13 N., R. 9 W.; sec. 31, T. 13 N., R. 8 W.

Owner-Operator: George H. Poggeman

7952 S. Sand Rd.

Union Mills, IN 46382

Employees: 1

Status: Producing

**FRENCH BAR PLACER Gold**

Sec. 5, T. 10 N., R. 1 W.

Operator: Big Sky Sapphire, Inc.

114 Clark Pl., Helena, MT 59601

Owner: James McMaster

E. Helena, MT 59635

Status: Produced, developing

**MADISON COUNTY: Virginia City 59755****\*BUBANY PLACER Gold**

Virginia City dist., sec. 16, 21, T. 6 S., R. 3 W.

Operator: Virginia City Mining and Development Co.

Virginia City, MT 59755

Owner: Tony Bubany

Virginia City, MT 59755

Status: Producing

**MEAGHER COUNTY: White Sulphur Springs 59645****\*CAMP ROBBER PLACER Gold**

Thompson Gulch dist., sec. 22, 27, T. 9 N., R. 4 E.

Owner-Operator: Larry Burns

Box 324, White Sulphur Springs, MT 59645

Status: Producing

**RICH-MICH PLACER Gold**

Thompson Gulch dist., sec. 27, T. 9 N., R. 4 E.

Operator: Tom J. Kardash

415 S. 10th, Livingston, MT 59047

Status: Produced

## GOLD PLACERS—Continued

## MINERAL COUNTY: Superior 59872

**\*BETTY PLACER** Gold

SE¼ NE¼ SW¼, SE¼ SW¼ SW¼ sec. 8; N½ N½ NW¼  
sec. 17, T. 12 N., R. 24 W.

Operator: C. R. Runyon

Box 143, Alberton, MT 59820

Owner: C. R. and M. S. Runyon

Box 143, Alberton, MT 59820

Employees: 8

Status: Developing

**MEADOW CREEK PLACER** Gold

Meadow Creek dist., sec. 24, T. 15 N., R. 25 W.

Owner-Operator: C & H Company

c/o Sam Coleman

Box 74, Superior, MT 59872

Status: Developing

**\*MONTANA RECLAMATION, INC.** Gold

Ore Creek dist.

Owner-Operator: Montana Reclamation, Inc.

6518 N. Lee, Spokane, WA 99207

Status: Inactive

**OREGON CREEK PLACER** Gold

Oregon Creek dist., T. 16 N., R. 27 W.

Operator: Montana Reclamation, Inc., c/o Donald P.

Hammond, P.O. Box 575, Superior, MT 59872

Owner: Montana Reclamation, Inc.

6518 N. Lee, Spokane, WA 99207

Status: Inactive

**SUNRISE CREEK PLACER** Gold

Sunrise dist., sec. 21, T. 15 N., R. 26 W.

Owner-Operator: C & H Company

c/o Sam Coleman

Box 74, Superior, MT 59872

Status: Developing

**\*STEMWINDER PLACER** Gold

Cedar Creek dist., sec. 17, T. 15 N., R. 26 W.

Owner-Operator: George Gildersleeve

Box 565, Superior, MT 59872

Status: Inactive

**TRIANGLE MINE** Gold

Quartz Creek dist., sec. 3, T. 14 N., R. 26 W.

Owner-Operator: Victor D. Wright

Box 233, Alberton, MT 59820

Status: Producing, developing

## MISSOULA COUNTY: Missoula 59801

**\*IDA A. PLACER** Gold

Nine Mile dist., sec. 15, T. 16 N., R. 23 W.

Operator: Albert Byron Peterson and Claude DeValle

1859 S. 9th St. W., Missoula, MT 59801

Owner: A. B. Peterson

1859 S. 9th St. W., Missoula, MT 59801

Employees: 2

Status: Unknown

**\*ROBIN L. PLACER** Gold

Nine Mile dist., sec. 21, T. 17 N., R. 24 W.

Owner-Operator: Mary C. Anliker

1209 S. 4th St. W., Missoula, MT 59801

Status: Developing

## POWELL COUNTY: Deer Lodge 59722

**\*JEFFERSON CREEK PLACER** Gold

Finn dist., sec. 11, T. 12 N., R. 9 W.

Owner-Operator: Venture Mining Corp.

4100 SW Hwy., Suite 200, Houston, TX 77027

Employees: 1

Status: Producing

**\*LEPRECHAUN PLACER** Gold

Ophir dist., NW¼ sec. 32, T. 11 N., R. 7 W.

Owner-Operator: Patrick J. & Michael A. McDonnell

109 W. Milwaukee Ave., Deer Lodge, MT 59722

Employees: 2

Status: Unknown

\*Open pit; \*\*Open pit and underground

**GOLD PLACERS—Continued****POWELL COUNTY—Continued****OLD SHOE NO. 1 PLACER**

Finn dist.

Owner-Operator: A. H. Roat and Sons

Box 266, Alberton, MT 59820

Status: Unknown

**YOUR NAME PLACER** Gold, silver, lead, tungsten,  
copperYour Name Creek dist., sec. 4, 13, 17, 18, 22, 23,  
T. 13 N., R. 12, 13 W.

Owner-Operator: H. C. Craig and Co.

411 Hyde Bldg., Spokane, WA 99201

Status: Developing

**SILVER BOW COUNTY: Butte 59701****\*SILVER KING PLACER** Gold

Highland dist., sec. 28, T. 1 N., R. 7 W.

Owner-Operator: R. E. Davenport

Box 28, Whitehall, MT 59759

Status: Developing

**PART 2, NONMETAL MINES, PITS, AND QUARRIES****BARITE MINES****BEAVERHEAD COUNTY: Dillon 59725****\*LUCKY JIM BEAM GROUP MINE** Barite

Jackson dist., sec. 25, 26, T. 4 S., R. 14 W.

Operator: R. P. Jackson

Jackson, MT 59736

Owner: R. P. Jackson and R. M. Shepherd

Jackson, MT 59736

Status: Developing

**MISSOULA COUNTY: Missoula 59801****BONANZA GROUP** Barite

Cedar Creek dist., sec. 29, T. 15 N., R. 27 W.

Operator: Duane L. Reber, Mgr., Montana Barite Co.

P.O. Box 3296, 324 Daly, Missoula, MT 59801

Owner: Fern and George Gildersleeve

Superior, MT 59872

Employees: 3

Status: Producing

**FROSTBITE DEPOSIT** Barite

Elk Creek dist., sec. 20, T. 13 N., R. 14 W.

Operator: Bill Frost

4405 - 23d Ave., Missoula, MT 59801

Status: Unknown

**BENTONITE PITS****CARTER COUNTY: Ekalaka 59324****\*COLONY OPEN PITS** Bentonite

T. 9 S., R. 58, 59 E.

Operator: N L Industries, Inc., Baroid Division

Alzada Star Rt., Alzada, MT 59311

Owner: N L Industries, Inc., Baroid Division

Box 1675, Houston, TX 77001

Employees: 75

Mill capacity: 1,000 t/d

Status: Produced

**BENTONITE PITS—Continued****PHILLIPS COUNTY: Malta 59538**

\*AMERICAN COLLOID PIT Bentonite  
 Owner-Operator: American Colloid Co.  
 5100 Suffield Ct., Skokie, IL 60076  
 Status: Developing

\*BRAZIL CREEK PIT Bentonite  
 Sec. 21, T. 28 N., R. 27 E.  
 Operator: Hallett Minerals Co.  
 Box 6387, Duluth, MN 55806  
 Owner: Brazil Creek Bentonite Co.  
 Box 907, Glasgow, MT 59230  
 Status: Developing

**ROSEBUD COUNTY: Forsyth 59327**

\*HALLETT MINERALS PIT Bentonite  
 Sec. 32, T. 8 N., R. 37 E.  
 Operator: Irving R. Sewell  
 P.O. Box 491, Forsyth, MT 59327  
 Owner: Hallett Minerals Co.  
 Box 6387, Duluth, MN 55806  
 Mill capacity: 100 t/hr.  
 Status: Producing

**TREASURE COUNTY: Hysham 59038**

\*HALLETT MINERALS PIT Bentonite  
 Sec. 2, 3, 4, 12, T. 7 N., R. 37 E.  
 Operator: Hallett Minerals Co.  
 Vananda, MT 59230  
 Owner: Hallett Minerals Co.  
 Box 6387, Duluth, MN 55806  
 Employees: 19  
 Mill capacity: 100 t/hr.  
 Status: Producing

**VALLEY COUNTY: Glasgow 59230**

\*BRAZIL CREEK PIT Bentonite  
 Operator: Federal Bentonite Co.  
 1019 Jericho Rd., Aurora, IL 60538  
 Owner: Brazil Creek Bentonite Co.  
 Box 907, Glasgow, MT 59230  
 Status: Producing

\*GLASGOW PITS Bentonite  
 Owner-Operator: Federal Bentonite Co.  
 1019 Jericho Rd., Aurora, IL 60538  
 Status: Developing

**CLAY MINES AND PITS****DEER LODGE COUNTY: Anaconda 59711**

\*PLACER FIRE CLAY PIT Fire clay  
 Sec. 34, T. 5 N., R. 11 W.  
 Owner-Operator: Harold Snow  
 Box 1155, Anaconda, MT 59711  
 Status: Produced

\* Open pit; \*\* Open pit and underground

## CLAY MINES AND PITS—Continued

## FERGUS COUNTY: Lewistown 59457

\*LEWISTOWN PIT Clay  
 Sec. 15, T. 15 N., R. 18 E.  
 Owner-Operator: Lewistown Clay, Inc.  
 Box 1082, Lewistown, MT 59457  
 Employees: 15  
 Status: Producing

## JEFFERSON COUNTY: Boulder 59632

\*CALICO CLAY PIT Pottery clay  
 Sec. 36, T. 2 N., R. 3 W.  
 Owner-Operator: Robert C. and Barbara Nevin  
 Box 5, Cardwell, MT 59721  
 Employees: 4  
 Mill capacity: 50 g/d  
 Status: Producing

## SILVER BOW COUNTY: Butte 59701

\*GAVIN PLACER Refractory clay  
 Summit Valley dist., sec. 24, T. 3 N., R. 9 W.  
 Operator: Stauffer Chemical Co.  
 Box 3146, Butte, MT 59701  
 Owner: Tom Helehan  
 Box 235, Butte, MT 59701  
 Status: Inactive

## FLUORSPAR MINES

## RAVALLI COUNTY: Hamilton 59840

\*CRYSTAL MOUNTAIN MINE Fluorspar  
 Sec. 18, T. 3 N., R. 19 W.  
 Operator: Roberts Mining Co.  
 Box 365, Darby, MT 59829  
 Employees: 5  
 Mill capacity: 50 t/hr.  
 Status: Produced

MARION MINE Fluorspar  
 District (unorg.), T. 7 N., R. 18 W.  
 Operator: Marion Mines  
 Rt., 1, Box 1076, Hamilton, MT 59840  
 Owner: James L. and Irma M. Swallow  
 Rt. 1, Box 1076, Hamilton, MT 59840  
 Status: Developing

## SILVER BOW COUNTY: Butte 59701

\*\*FOURTH ESTATE MINE Fluorspar, gold  
 Summit Valley dist., sec. 13, T. 3 N., R. 9 W.  
 Owner-Operator: Tom Helehan  
 Box 235, Butte, MT 59701  
 Status: Developing

## GYPSUM MINES

## BEAVERHEAD COUNTY: Dillon 59725

## \*McCARTHY (DEADWOOD) DEPOSIT Gypsum

Sec. 6, 7, T. 14 S., R. 9 W.

Operator: Tim McCarthy

Lima, MT 59739

Owner: Tim McCarthy and others

Lima, MT 59739

Status: Inactive

## \*\*PETERSON DEPOSIT Gypsum

N½ sec. 1, T. 15 S., R. 9 W.

Owner-Operator: Mrs. Lanora Peterson

Box 185, Willow Creek, MT 59760

Status: Inactive

## FERGUS COUNTY: Lewistown 59457

## SHOEMAKER (HEATH) MINE Gypsum

Sec. 1, 2, T. 14 N., R. 19 E.

Operator: U.S. Gypsum Co.

Heath, MT 59449

Owner: U.S. Gypsum Co.

101 S. Wacker Dr., Chicago, IL 60606

Employees: 6

Mill capacity: 2,000 t/wk.

Status: Producing

## LIMESTONE MINES AND QUARRIES

## BEAVERHEAD COUNTY: Dillon 59725

## WHITE LIME MINE Limestone

Argenta dist., sec. 17, T. 6 S., R. 10 W.

Owner-Operator: Rudy Nygren

Argenta Star Rt., Dillon, MT 59725

Status: Developing

## CARBON COUNTY: Red Lodge 59068

## \*WARREN QUARRY Limestone

Sec. 16, T. 5 S., R. 25, 26 E.

Operator: Big Horn Calcium Co.

Box 118, Frannie, WY 82423

Owner: Big Horn Limestone Co.

Box 118, Frannie, WY 82423

Employees: 9

Mill capacity: 10 t/hr.

Status: Produced

## LIMESTONE MINES AND QUARRIES—Continued

## DEER LODGE COUNTY: Anaconda 59711

\*BROWNS QUARRY Metallurgical limestone  
 Blue Eyed Nellie dist., sec. 23, T. 5 N., R. 12 W.  
 Operator: General Constructors  
 4999 Harrison Ave., Butte, MT 59701  
 Owner: The Anaconda Co.  
 Butte, MT 59701  
 Employees: 12  
 Mill capacity: 359 t/hr.  
 Status: Producing

## GALLATIN COUNTY: Bozeman 59715

\*TRIDENT QUARRY Portland cement limestone  
 Sec. 9, 10, T. 2 N., R. 2 E.  
 Owner-Operator: Ideal Cement Co.  
 P.O. Box 8789, Denver, CO 80201  
 Status: Producing

## GRANITE COUNTY: Philipsburg 59858

\*BIG HORN CALCIUM Limestone  
 Owner-Operator: Big Horn Calcium Co.  
 P.O. Box 118, Frannie, WY 82423  
 Employees: 10  
 Status: Producing

## JEFFERSON COUNTY: Boulder 59632

\*McCLELLAN QUARRY Limestone  
 McClellan dist., sec. 7, T. 9 N., R. 3 W.  
 Operator: Maronick Construction Co., Inc.  
 East Helena, MT 59635  
 Owner: E. P. Maronick, Pres.  
 East Helena, MT 59635  
 Status: Producing

\*MONTANA CITY QUARRY Portland cement limestone  
 Sec. 12, 13, T. 9 N., R. 2 W.  
 Operator: Kaiser Cement  
 Montana City, MT 59602  
 Owner: Kaiser Cement and Gypsum Corp.  
 Kaiser Center, Oakland, CA 94600  
 Employees: 77  
 Mill capacity: 5,000 b/d  
 Status: Producing

## POWELL COUNTY: Deer Lodge 59722

\*WARM SPRINGS CREEK QUARRY Limestone  
 Sec. 5, T. 10 N., R. 9 W.  
 Owner-Operator: Janney Construction Co., Inc.  
 Garrison, MT 59731  
 Status: Inactive



## PHOSPHATE MINES

## POWELL COUNTY: Deer Lodge 59722

## BROCK (WARM SPRINGS CREEK) MINE

Phosphate rock  
 Garrison dist., sec. 11, 13, 24, T. 10 N., R. 10 W.;  
 sec. 19, T. 10 N., R. 9 W.  
 Owner-Operator: Cominco American, Inc.  
 Garrison, MT 59731  
 Employees: 235  
 Status: Producing, developing

JACKSON MINE Phosphate rock  
 Elliston dist., sec. 2, T. 9 N., R. 7 W.  
 Operator: Phos-rock Mining Co.  
 Denver, CO  
 Owner: A. G. Jackson  
 Elliston, MT 59728  
 Employees: 3  
 Status: Developing

## EMERY RIDGE (PIKES PEAK) LEASE Phosphate rock

Pikes Peak Creek dist., sec. 5, 8, 9, T. 8 N., R. 11 W.;  
 sec. 32, T. 9 N., R. 11 W.  
 Operator: Blair W. Stewart  
 3400 W. Alameda, Burbank, CA 91505  
 Status: Developing

RELYEA MINE Phosphate rock  
 Garrison dist., S½ sec. 12, T. 10 N., R. 10 W.  
 Operator: Rocky Mountain Phosphate  
 Garrison, MT 59731  
 Owner: George Relyea  
 Box 116, Garrison, MT 59731  
 Employees: 10  
 Status: Produced

## SAPPHIRE MINES

## GRANITE COUNTY: Philipsburg 59858

## CHAUSSEE SAPPHIRE CORP. Sapphire

West Fork Rock Creek dist., T. 6 N., R. 16 W.  
 Operator: Kenneth W. Clevisch  
 Box 706, Philipsburg, MT 59858  
 Owner: Wil Chaussee  
 Box 706, Philipsburg, MT 59858  
 Employees: 9  
 Status: Producing

## JUDITH BASIN COUNTY: Stanford 59479

## SAPPHIRE INTERNATIONAL CORP. MINE Sapphire

Yogo dist., sec. 19, 20, 21, 22, T. 13 N., R. 11 E.  
 Operator: Sonny Terada, Asst. Secy.  
 Sapphire Village, Inc., Box 30  
 Utica, MT 59452  
 Owner: Sapphire International Corp.  
 21241 Ventura Blvd., Suite 190  
 Woodland Hills, CA 91364  
 Employees: 40  
 Mill capacity: 300 t/d  
 Status: Produced, developing

\*Open pit; \*\*Open pit and underground

**SAPPHIRE MINES—Continued****LEWIS AND CLARK COUNTY: Helena 59601**

\*EL DORADO BAR SAPPHIRE MINE Sapphire  
 Sec. 2, 10, 11, T. 11 N., R. 12 W.  
 Operator: Dr. James Peterson  
 2428 N. Highland, Altadena, CA 91001  
 Owner: Eldorado, Inc.  
 Box 1073, Lancaster, PA 17604  
 Status: Producing

**SEMI-PRECIOUS STONES****MISSOULA COUNTY: Missoula 59801**

\*FOUR V's CLAIMS Smoky quartz  
 Fish Creek dist., sec. 22, T. 11 N., R. 24 W.  
 Owner-Operator: Albert E. Volker  
 2835 Woodland St., Missoula, MT 59801  
 Status: Produced

**SHALE PITS****CASCADE COUNTY: Great Falls 59401**

\*TREASURELITE PIT Expanded shale  
 Sec. 13, T. 21 N., R. 3 E.  
 Owner-Operator: Super-Lite Products  
 1800 Vaughn Rd., Great Falls, MT 59404  
 Employees: 8  
 Status: Produced

**GALLATIN COUNTY: Bozeman 59715**

\*KANTA PIT Expanded shale  
 Sec. 13, T. 2 N., R. 2 E.  
 Owner-Operator: Kanta Products, Inc.  
 Box 96, Three Forks, MT 59752  
 Status: Producing

**SILICA MINES AND QUARRIES****BEAVERHEAD COUNTY: Dillon 59725**

\*CANYON CREEK QUARRY Metallurgical silica  
 Melrose dist., sec. 32, T. 1 S., R. 9 W.  
 Owner-Operator: Industrial Chemical, Div. Stauffer  
 Chemical Co., Box 3146, Butte, MT 59701  
 Employees: 5  
 Mill capacity: 600 t/d  
 Status: Producing

**SILICA MINES AND QUARRIES—Continued****DEER LODGE COUNTY: Anaconda 59711**

\*LUKE SILICA QUARRY Metallurgical silica  
 Blue Eyed Nellie dist., NW¼ sec. 24, T. 5 N., R. 12 W.  
 Operator: Montana Ores, Inc.  
 110 W. Third St., Anaconda, MT 59711  
 Owner: The Anaconda Co.  
 Butte, MT 59701  
 Status: Inactive

**JEFFERSON COUNTY: Boulder 59632**

\*BASIN QUARTZ QUARRY Industrial silica  
 Basin dist., sec. 16, T. 6 N., R. 5 W.  
 Operator: Pacific Silica Co.  
 Basin, MT 59631  
 Owner: Union Carbide Co.  
 Portland, OR 97200  
 Status: Produced

**MINERAL COUNTY: Superior 59872**

\*M & C CLAIMS Silica  
 Quartz Creek dist., sec. 2, 3, T. 14 N., R. 26 W.  
 Operator: Victor D. Wright  
 Box 233, Alberton, MT 59820  
 Owner: Victor D. Wright and others  
 Box 233, Alberton, MT 59820  
 Status: Developing

SKYLINE MINE Optical silica, silica  
 Quartz Creek dist., sec. 4, T. 14 N., R. 27 W.  
 Operator: Victor D. Wright  
 Box 233, Alberton, MT 59820  
 Owner: Victor D. Wright and others  
 Box 233, Alberton, MT 59820  
 Status: Developing

**RAVALLI COUNTY: Hamilton 59840**

\*\*EAGLE ROCK GROUP Quartz  
 District (unorg.), sec. 1, 2, 6, 10, 11, 12, 13, 14, 15, 22,  
 T. 5 N., R. 19 W.  
 Owner-Operator: Eagle Rock Mining Co., Inc.  
 1308 S. 1st St., Hamilton, MT 59840  
 Status: Developing

**SOIL CONDITIONERS****BEAVERHEAD COUNTY: Dillon 59725**

\*PEAT LEASE Peat  
 Sec. 16, 20, T. 4 S., R. 16 W.  
 Operator: Intermountain Peat Moss Corp.  
 Box 2285, Salt Lake City, UT 84110  
 Owner: Columbia Beneficial Holdings, Ltd.  
 203 - 14th St., Vancouver, B.C., Canada  
 Status: Unknown

**SOIL CONDITIONERS—Continued****LAKE COUNTY: Polson 59860**

MARTIN'S PEAT, INC. Peat  
 Sec. 16, 17, T. 24 N., R. 17 W.  
 Owner-Operator: Martin's Peat, Inc.  
 Ronald I. Martin, Pres.  
 Swan Lake, MT 59911  
 Employees: 1  
 Status: Produced

**STONE QUARRIES****CARBON COUNTY: Red Lodge 59068**

\*DEADMAN QUARRY Ornamental stone  
 Sec. 1, 12, 25, T. 8 S., R. 28 E.; sec. 26, 35, T. 7 S., R. 28 E.  
 Owner-Operator: Pryor Mountain Stone Co.  
 Box 302, Powell, WY 82435  
 Status: Developing

**CASCADE COUNTY; Great Falls 59401**

\*FORZLEY SALES, INC., QUARRIES Building stone  
 Four miles south of Monarch  
 Owner-Operator: Forzley Sales Co.  
 Box 2870, Great Falls, MT 59401  
 Employees: 3  
 Status: Produced

**FERGUS COUNTY: Lewistown 59457**

\*SURPRISE STONE QUARRY Building stone  
 Sec. 33, 34, T. 14 N., R. 22 E.  
 Owner-Operator: Charles B. Allen  
 Box 117, Grassrange, MT 59032  
 Status: Produced

**MISSOULA COUNTY: Missoula 59801**

\*McQUARRIE QUARRY Railroad ballast, road  
 material  
 Clinton (Wallace) dist., sec. 17, T. 12 N., R. 17 W.  
 Operator: Janney Construction Co., Inc.  
 Box 517, Garrison, MT 59731  
 Owner: Burlington Northern, Inc.  
 St. Paul, MN 55101  
 Employees: 10  
 Mill capacity: 200 t/hr.  
 Status: Produced

## STONE QUARRIES—Continued

## PARK COUNTY: Livingston 59047

GARDINER TRAVERTINE QUARRY Building stone  
 Sec. 7, T. 9 S., R. 8 E.  
 Operator: The Gardiner Travertine, Inc.  
 of Gardiner, Montana, c/o John Orser  
 Gardiner, MT 59030  
 Owner: Clesson Hayes  
 Gardiner, MT 59030  
 Employees: 2  
 Status: Produced

\*LIVINGSTON MARBLE AND GRANITE QUARRY  
 Ashlar, cut stone, rubble  
 Sec. 14, 24, T. 9 S., R. 8 E.  
 Operator: Livingston Marble and Granite Works  
 Livingston, MT 59047  
 Owner: D. A. Strong  
 711 E. Park, Livingston, MT 59047  
 Employees: 14  
 Status: Producing, developing

## RAVALLI COUNTY: Hamilton 59840

\*BITTERROOT VALLEY STONE QUARRY  
 Ornamental stone  
 Sec. 7, T. 4 N., R. 21 W.  
 Owner-Operator: Henry Andrews  
 Box 1275, Rt. 1, Hamilton, MT 59840  
 Employees: 2  
 Mill capacity: 50 t/d  
 Status: Produced

## SANDERS COUNTY: Thompson Falls 59873

\*FISHTRAP QUARRIES Ornamental stone  
 Sec. 23, 26, T. 24 N., R. 28 W.  
 Owner-Operator: U. C. Campbell  
 Box 427, Thompson Falls, MT 59873  
 Status: Unknown

## TALC MINES

## MADISON COUNTY: Virginia City 59755

\*BEAVERHEAD MINE Talc  
 Stone Creek dist., sec. 11, 14, T. 7 S., R. 6 W.  
 Owner-Operator: Cyprus Industrial Minerals Co.  
 555 S. Flower St., Los Angeles, CA 90017  
 Employees: 4  
 Status: Producing

\*\*RUBY NO. 1 and NO. 2 MINE Talc  
 Warm Springs dist., sec. 11, T. 8 S., R. 4 W.  
 Owner-Operator: Sam Maloney and Goldie Schneider  
 Box 118, Alder, MT 59710  
 Status: Developing

\*REGAL MINE Talc  
 Sweetwater dist., N½ sec. 2, T. 8 S., R. 7 W.  
 Owner-Operator: Pfizer Co., Inc.  
 Box 1147, Dillon, MT 59725  
 Employees: 2  
 Status: Producing

\*SNOW CAP MINE Talc  
 Owner-Operator: W. M. Cocanougher  
 Twin Bridges, MT 59754  
 Mill capacity: 30,000 t/d  
 Status: Unknown

\*Open pit; \*\*Open pit and underground

## TALC MINES—Continued

## MADISON COUNTY—Continued

## \*SWEETWATER MINE Talc

Operator: Resource Processors, Inc.  
Summit, NJ 07901  
Status: Inactive

## \*TREASURE CHEST MINE Talc

Stone Creek dist., NE¼ NE¼ sec. 15, T. 7 S., R. 6 W.  
Owner-Operator: Pfizer Co., Inc.  
Box 1147, Dillon, MT 59725  
Employees: 11  
Status: Producing

## \*WILLOW CREEK MINE (RUBY RIDGE GROUP) Talc

Home Park dist., sec. 30, T. 8 N., R. 3 W.  
Operator: Resource Processors, Inc.  
Newark, NJ  
Owner: Madison Minerals Corp., C. W. Hafer, Sr.  
1967 Yale Ave., Butte, MT 59701  
Status: Producing, developing

## \*YELLOWSTONE (CAMERON) MINE Talc

Johnny Gulch dist., sec. 4, T. 9 S., R. 1 W.  
Owner-Operator: Cyprus Industrial Minerals Co.  
555 S. Flower St., Los Angeles, CA 90017  
Employees: 35  
Status: Producing

## VERMICULITE MINES

## LINCOLN COUNTY: Libby 59923

## \*VERMICULITE MOUNTAIN MINE Vermiculite

Rainy Creek dist., sec. 14, 15, 22, 23, T. 31 N.,  
R. 30 W.  
Owner-Operator: Construction Products Division  
W. R. Grace & Co.  
62 Whittemore Ave., Cambridge, MA 02140  
Employees: 300  
Mill capacity: 1,000 t/d  
Status: Producing

## MADISON COUNTY: Virginia City 59755

## \*CONSTELLATION DEPOSIT Vermiculite

Mineral Hill dist., sec. 26, T. 1 S., R. 3 W.  
Owner-Operator: Mine-X Inc., c/o W. G. Forbes  
Box 656, Pony, MT 59747  
Employees: 3  
Status: Developing

## \*GILLIAM VERMICULITE DEPOSIT Vermiculite

Mineral Hill dist., sec. 25, T. 1 S., R. 3 W.  
Owner-Operator: Mine-X Inc., c/o W. G. Forbes  
Box 656, Pony, MT 59747  
Employees: 3  
Status: Developing

## PART 3, COAL MINES

## BIG HORN COUNTY: Hardin 59034

**\*ROSEBUD TONGUE RIVER MINE** Coal

Decker dist., sec. 33, T. 8 S., R. 40 E.

Operator: Rosebud Coal Sales Co.

Box 746, Sheridan, WY 82801

Owner: Peter Kiewit Sons' Co.

Box 746, Sheridan, WY 82801

Status: Inactive

## DAWSON COUNTY: Glendive 59330

**\*PEUSE MINE** Coal

Sec. 13, T. 16 N., R. 53 E.

Owner-Operator: Gordon Peuse

CB Rt., Glendive, MT 59330

Employees: 1

Status: Produced

## MUSSELSHELL COUNTY: Roundup 59072

**\*CONSOLIDATION MINE** Coal

Sec. 33, T. 8 N., R. 26 E.

Owner-Operator: Consolidation Coal Co.

3312 4th Ave. N., Billings, MT 59101

Status: Inactive

**COW CREEK MINE** Coal

Sec. 9, T. 6 N., R. 28 E.

Owner-Operator: George Badovinus

Klein Star Rt., Roundup, MT 59072

Status: Inactive

**\*DIVIDE MINE** Coal

Sec. 23, 24, T. 6 N., R. 26 E.

Owner-Operator: Victor Carlson and Jack H. Carlson

Box 342, Roundup, MT 59072

Employees: 3

Mill capacity: 250 t/d

Status: Produced

**STORM KING MINE** Coal

Sec. 23, T. 6 N., R. 26 E.

Owner-Operator: Victor Carlson and Jack H. Carlson

Box 342, Roundup, MT 59072

Employees: 6

Mill capacity: 100 t/d

Status: Producing

## POWDER RIVER COUNTY: Broadus 59317

**\*COAL CREEK MINE** Coal

Sec. 3, T. 3 S., R. 45 E.

Owner-Operator: John Schoonover

Box 94, Ashland, MT 59003

Status: Producing

## COAL MINES—Continued

## RICHLAND COUNTY: Sidney 59270

## \*KNIFE RIVER MINE Coal

Sec. 27, T. 20 N., R. 57 E.

Owner-Operator: Knife River Coal Mining Co.

P.O. Box 1357, Bismarck, ND 58501

Employees: 20

Mill capacity: 350 t/hr.

Status: Producing

## ROSEBUD COUNTY: Forsyth 59327

## \*BIG SKY MINE Coal

Sec. 27, T. 1 N., R. 41 E.

Owner-Operator: Peabody Coal Co.

Box 97, Colstrip, MT 59323

Employees: 53

Status: Producing

## \*ROSEBUD NO. 6 MINE Coal

Rosebud dist., sec. 12, 17, 18, T. 1 N., R. 41 E.; sec. 33,

T. 2 N., R. 41 E.

Owner-Operator: Western Energy Co.


Colstrip, MT 59323

Employees: 150


Status: Producing



## PART 4, THE MINERAL INDUSTRY OF MONTANA IN 1975



## MINERAL INDUSTRY SURVEYS



**U. S. DEPARTMENT OF THE INTERIOR**  
**BUREAU OF MINES**  
**WASHINGTON, D.C. 20241**

Thomas S. Kleppe, Secretary  
 Jack W. Carlson, Assistant Secretary—Energy and Minerals

Thomas V. Falkie, Director

For information call:  
 George T. Krempasky (406-449-5297)

Annual, Preliminary

### THE MINERAL INDUSTRY OF MONTANA IN 1975.

In 1975, Montana's mineral production was valued at \$560 million, a decrease of 2% compared with the 1974 value. Output of copper accounted for about 23% of the total mineral production value, compared with 35% in 1974. Copper production declined 23%, silver production declined 23% and gold production declined 35%, compared to 1974 production.

The mineral fuels; coal, natural gas and petroleum accounted for about 64% of the total mineral production, compared with 52% in 1974. Coal production increased 52%, natural gas production declined 35% and petroleum production declined 5%, compared with 1974 production.

The output of nonmetallics was about the same or slightly lower in most instances; sand and gravel was down \$207 thousand. Value of production of lime declined 12% and clays declined 2% when compared with 1974 values. The non-metallics showing value increases were phosphate rock, 119%; talc, 14%; and stone, 2%.

In July, The Anaconda Company announced the closure of its Arbiter Plant at Anaconda, citing faltering domestic copper demand and mechanical difficulties as reasons for closure. In October, the Company announced the cessation of ore extraction from the Continental-East Pit. In addition, the concentrator in Anaconda, which treated ores from the Continental-East, has been closed. The phasing-out of underground operations at Butte, announced in November 1974, is in its final stages.

Montana's 44th Legislative Session discussed 76 bills related to the mineral industry. A total of 38 bills was submitted to the Governor. One of the most debated issues during the session was the severance tax levied on coal. As enacted, the bill calls for a 30% tax on the selling price for coal over 7,000 BTU's and 20% for low BTU lignite that is mined by surface mining. A different schedule is applicable to extraction of the resource by underground methods.

TABLE 1. - Mineral production in Montana 1/

Mineral	1974		1975 p/	
	Quantity	Value (thousands)	Quantity	Value (thousands)
Clays 2/-----thousand short tons---	298	\$2,189	257	\$2,143
Coal (bituminous)-----do-----	14,106	54,961	21,000	105,000
Copper (recoverable content of ores, etc.)-----short tons---	131,131	202,728	100,700	128,896
Gem Stones-----	NA	400	NA	400
Gold (recoverable content of ores, etc.)-----troy ounces---	28,268	4,516	18,250	2,961
Iron ore (usable) thousand long tons, gross weight-----	30	W	25	W
Lead (recoverable content of ores, etc.)-----short tons---	154	69	160	69
Lime-----thousand short tons---	226	3,364	187	2,945
Natural gas-----million cubic feet-----	54,873	13,883	42,440	15,618
Petroleum (crude) thousand 42-gallon barrels-----	34,554	229,802	32,671	237,752
Sand and gravel-----thousand short tons---	4,242	6,126	3,946	5,919
Silver (recoverable content of ores, etc.) thousand troy ounces-----	3,512	16,542	2,363	10,470
Stone 3/-----thousand short tons---	3,115	6,242	2,930	6,447
Zinc (recoverable content of ores, etc.)-----short tons---	136	98	120	94
Value of items that cannot be disclosed:				
Antimony, cement, fire clay, flourspar, gypsum, natural gas liquids, peat, phosphate rock, stone (dimension), talc, tungsten, vermiculite, and values indicated by symbol W-----	XX	33,881	XX	41,532
Total-----	XX	574,801	XX	560,246

p/ Preliminary. NA Not available. W Withheld to avoid disclosing individual company confidential data; included with "Value of items that cannot be disclosed." XX Not applicable.

1/ Production as measured by mine shipments, sales, or marketable production (including consumption by producers)

2/ Excludes fire clay; included with "Value of items that cannot be disclosed."

3/ Excludes dimension stone; included with "Value of items that cannot be disclosed."

## SUPPLEMENTAL LIST OF MINING ENTERPRISES

This list includes mining enterprises that have been inactive up to three years or that have not returned our questionnaires. The abbreviations used to describe their former status are: I, inactive; U, unknown; D, developing.

**BEAVERHEAD COUNTY**

Argenta Porphyry group	I	1975
Blue-Eyed Annie	I	1973
Coolidge	I	1975
Horn Silver	I	1974
Yellow Band (Shafer) group	I	1974

**BROADWATER COUNTY**

Bonanza	I	1974
January	I	1974
Manger group	I	1975
Paymaster	I	1975
Pioneer	I	1974

**CARBON COUNTY**

Jay Kay	I	1975
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**CASCADE COUNTY**

Lexington	I	1975
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**DEER LODGE COUNTY**

Apex	I	1975
Champion Silver	I	1975
Old Bonanza	U	1975
Silver Moss	I	1974

**FLATHEAD COUNTY**

Flathead Sunset quarry	I	1975
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**GALLATIN COUNTY**

Picture flagstone quarry	I	1975
Sunshine	U	1975

**GRANITE COUNTY**

Gold King	I	1975
Granite tailings	I	1975
Moose Trail	I	1975
Saranac	I	1975
Scratch Awl	I	1975
True Fissure	I	1974
Young America	I	1975

**JEFFERSON COUNTY**

Easy Money group	I	1975
Elkhorn	I	1974
Leadville	I	1975
May and Little Sallie	I	1974
Nellie Grant	I	1975
Ruby Silver	I	1974

**LEWIS AND CLARK COUNTY**

Evening Star	U	1975
Franklin	I	1975
Old Bachelor	I	1973
Pen-Ute Consolidated Mining Mining Co. group	U	1975
Sam Gaty	U	1975

**LINCOLN COUNTY**

Big Sky 1 and 2	I	1975
Cabinet lease (Big Eight)	I	1975
Snowstorm	I	1975

**MADISON COUNTY**

Agitator	I	1975
Alameda and Bamboo Chief	U	1975
Bins	I	1975
Boulder-Cobalt	U	1975
Commonwealth group (Calvin)	I	1974
Hazel group	I	1975
Pika gypsum deposit	I	1975
White Angel quarry	I	1974

**MEAGHER COUNTY**

Yerdon placer	U	1975
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**MINERAL COUNTY**

Coffee Pot lode	I	1975
Prosperity	I	1975

**MUSSELSHELL COUNTY**

Johnny's	I	1975
Western	I	1975

**RAVALLI COUNTY**

Blue Nose	I	1975
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**SANDERS COUNTY**

Blue Creek (Lucky Star)	I	1974
Green Mountain	I	1975
Silver Domino claim	U	1975

**SILVER BOW COUNTY**

Iron King	I	1974
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## LIST OF NEW MINING COMPANIES INCORPORATED IN MONTANA IN 1975

## BERKLEY OIL AND GAS, INC.

May 23, 1975  
Robert B. Emrick  
Pondera Village Shopping Center  
Box 1146, Conrad, MT 59425

## BLACKFOOT RESOURCES, INC.

October 20, 1975  
David A. Veeder  
805 Midland Bank Building, Billings, MT 59101

## BOULDER CREEK, INC.

February 4, 1975  
Hilda R. Lucier  
Box 17, Maxville, MT 59850

## CALUMET, INCORPORATED

March 31, 1975  
Norman K. Balison  
P.O. Box 493, Superior, MT 59872

## CASTLEMONT MINING &amp; DEVELOPMENT, INC.

September 26, 1975  
Thomas H. Mahan  
304 Northwestern Bank Building, Helena, MT 59601

## COMMERCIAL PLACER COMPANY

January 8, 1975  
John S. Henson  
Box 802, Superior, MT 59872

## CONELY CORPORATION, INC.

July 2, 1975  
Lawrence Whitman  
Box 66, West Yellowstone, MT 59857

## DECALTA INTERNATIONAL (BOLIVIA) CORP.

June 11, 1975  
C T Corporation System  
406 Fuller Avenue, Helena, MT 59601

## DECALTA INTERNATIONAL (KENYA) CORP.

November 28, 1975  
Alan F. Cain  
Suite A, 406 Fuller Avenue, Helena, MT 59601

## DENMARK RESOURCES, INC.

October 20, 1975  
David A. Veeder  
805 Midland Bank Building, Billings MT 59101

## GOLD BUG MINE, INC. (THE)

June 9, 1975  
Robert E. Sheridan, Jr.  
199 West Pine, Missoula, MT 59801

## HOMESTEAD (THE)

January 6, 1975  
Robert D'Ambroos  
McAllister, MT 59740

## HORIZON RESOURCES

February 10, 1975  
Robert G. Dwyer  
120 E. Glendale Street, Dillon, MT 59725

## INDUSTRIAL SYSTEMS, INC.

October 31, 1975  
Eugene G. Shima  
405 - 16 Street West, P.O. Box 20176, Billings, MT 59104

## LANGER-THOMPSON, INC.

July 17, 1975  
Lawco  
500 Electric Building, Billings, MT 59101

## McADAM OILFIELD SERVICE, INC.

June 11, 1975  
Lloyd McAdam  
618 South Illinois, Box 1463, Conrad, MT 59425

## MONTANA GEODYNAMICS, INC.

November 14, 1975  
Wayne K. Cumming  
Sidney National Bank Building  
Box 751, Sidney, MT 59270

## MONTANA MINERAL SERVICES

May 13, 1975  
David G. Rasmussen  
6335 Blackfoot Road, Helena, MT 59601

## NORTH CENTRAL EXPLORATION COMPANY

June 12, 1975  
Earl M. Cranston  
216 Petroleum Building, Billings, MT 59103

## NORTHERN TIER PIPELINE COMPANY

June 5, 1975  
D. Michael Curran  
206 Eklund Building, Great Falls, MT 59401

## LIST OF NEW MINING COMPANIES—Continued

## NORTHWEST MINERAL RESOURCES

January 2, 1975

Jeanie Morris

2301 Colonial Drive, Helena, MT 59601

## RENAISSANCE RESOURCES, INC.

January 15, 1975

Donald K. Roberts

805 Midland Bank Building, Billings, MT 59101

SILVER BOW LAND, CATTLE AND MINING  
COMPANY, INC.

Bill McLaughlin

Century Plaza Building, Missoula, MT 59801

## SUNRISE SILVER MINES

June 24, 1975

Hugh G. King

Frenchtown, MT 59834

## TED-LO MINING &amp; DEVELOPMENT CO., INC.

October 28, 1975

Ted R. Botnan

2709 Main Street, Apt. 14, Miles City, MT 59301

## TRASK OIL PROPERTIES, INC.

January 28, 1975

Donald K. Roberts

805 Midland Bank Building, Billings, MT 59101

## TROUT CREEK MINING COMPANY

April 4, 1975

Joseph D. Arpan

304 Third Avenue West, P.O. Box 51, Superior, MT 59872

## WEGENER MINING COMPANY, INC.

December 4, 1975

William G. Wegener

Box 144, 117 Second East, Whitehall, MT 59759

## WESTANA CORPORATION

September 10, 1975

C T Corporation System

406 Fuller Avenue, Helena, MT 59601

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LIST OF MINING DISTRICTS

MINING DISTRICTS

Beaverhead County, D-4

1. Ajax
2. Argenta (Montana)
3. Bald Mountain
4. Bannack
5. Beaverhead (Dark Horse) (Mulchy Creek)
6. Big Muddy
7. Blacktail
8. Bloody Dick (Beaverhead)
9. Blue Wing
10. Bryant (Hecla)
11. Chinatown (Glendale) (Armstead)
12. Dillon (Carter Creek) (Frying Pan Basin)
13. Elkhorn (Coolidge) (Wise River)
14. Horse Prairie
15. Jake Creek
16. Lost Creek (Brown's Lake) (Rock Creek)
17. Medicine Lodge
18. Monida
19. Mount Torrey
20. Niccolia
21. Nogo (Apex)
22. Pioneer
23. Polaris (Lost Cloud)
24. Ruby
25. Saginaw (Jackson)
26. Utopia (Birch Creek)
27. Vipond
28. Wisdom (Big Hole)

Blaine County, A-8

29. Bearpaw

Broadwater County, C-5

30. Confederate Gulch (Backer) (Canton) (Diamond City)
31. Deep Creek
32. Hellgate
33. Lone Mountain
34. Magpie Gulch
35. Park (Hassel) (Indian Creek) (Townsend)
36. Radersburg (Cedar Plains)
37. Winston (Beaver Creek)

Carbon County, D-7

38. Clark Fork
39. Hellroaring
40. Silver Run

Cascade County, B-5

41. Nelhart (Montana)

Deer Lodge County, D-3

42. Blue Eyed Nellie (Silver Lake)
43. French Gulch
44. Georgetown (Southern Cross) (Cable)
45. Girard
46. Heber (Mill Creek)
47. Lost Creek (Dry Gulch) (Antelope Creek)
48. Oro Fino (Dry Cottonwood)

Fergus County, B-7

49. Cone Butte
50. North Moccasin (Kendall)
51. Warm Springs (Gilt Edge) (Maiden)

Flathead County, A-2

52. Hog Heaven (Flathead) (Kila)
53. Star Meadow (Lupfer)
54. Whitefish

Gallatin County, D-5

55. Eldridge
56. West Gallatin (Spring Hill)

Granite County, C-3

57. Alps (Bonita)
58. Antelope Creek
59. Combination (Henderson) (Black Pine)
60. Dunkleburg
61. Frog Pond Basin
62. Garnet (Top-o'-Deep) (First Chance)
63. Maxville (Wyman) (Gird Creek)
64. Moose Lake
65. Phillipsburg (Flint Creek) (Granite)
66. Red Lion (Cable Mountain)
67. Rock Creek
68. Rose Mountain (Gold Creek)
69. South Boulder (Princeton)
70. Welcome Creek

Jefferson County, C-4

71. Alhambra (Hot Springs) (Golconda)
72. Amazon
73. Basin (Cataract) (Comet)
74. Beaver Gulch
75. Boulder
76. Big Foot (State Creek)
77. Clancy (Lump Gulch) (Buffalo Creek)
78. Colorado (Corbin) (Gregory) (Wickes)
79. Elkhorn
80. Elk Park
81. Homestake
82. Little Pipestone
83. Lowland
84. McClellan (Mitchell Creek)
85. Montana City
86. Nez Perce
87. Pipestone
88. Whitehall (Cardwell)
89. Whitetail

Judith Basin County, B-6

90. Barker (Hughesville)
91. Running Wolf
92. Yogo

Lake County, B-2

93. Elmo (Chief Cliff)

Lewis and Clark County, B-4

94. Austin (Greenhorn)
95. Blue Cloud
96. Gould-Stemple (Fool Hen) (Poorman)
97. Heddieston (Blackfoot) (Silver)
98. Helena (Last Chance) (Springhill) (Unionville) (Owyhee)
99. Lincoln (McClellan Gulch) (Seven-up Pete Gulch) (Keep Cool Creek) (Liverpool Creek) (Stonewall Mountain)
100. Marysville (Bald Butte) (Ottawa)
101. Missouri River
102. Ophir

103. Rimini (Vaughn) (Bear Gulch)
104. Scratchgravel Hills (Grass Valley)
105. Wolf Creek (Gladstone)
106. York

Lincoln County, A-1

107. Cabinet (Fish River)
108. Libby (Snowshoe)
109. Rainy Creek
110. Sylvanite
111. Tobacco River
112. Troy (Grouse Mountain) (Calahan)
113. Wolf Creek

Madison County, D-5

114. Bismark (Wilma)
115. Cherry Creek
116. McCarthy Mountain
117. Norris (Lower Hot Springs) (Upper Hot Springs)
118. Norwegian Creek
119. Pony (Mineral Hill)
120. Potosi
121. Renova (Bone Basin) (Mayflower)
122. Rochester (Rabbit)
123. Ruby Mountains
124. Sand Creek
125. Sheridan (Mill Creek) (Brandon) (Indian Creek) (Famshorn)
126. Silver Star (Iron Rod)
127. South Boulder (Mammoth)
128. Tidal Wave (Twin Bridges)
129. Virginia City (Summit) (Pine Grove) (Highland) (Fairweather) (Nevada) (Junction) (Alder Gulch) (Brown's Gulch) (Granite Creek) (William's Gulch) (Barton Gulch)
130. Washington (Meadow Creek) (McAllister)

Meagher County, C-6

131. Beaver (Elk Creek) (Thompson Creek)
132. Castle Mountains
133. Murray (Battle Creek)
134. Musselshell (Copperopolis)

Mineral County, B-2

135. Cedar Creek (Quartz Creek) (Trout Creek)
136. Denemora (Big Elk) (Saltsee)
137. Iron Mountain (Superior)
138. Keystone
139. Packer Creek
140. Rock Island
141. St. Regis (Deer Creek) (Ward)

Missoula County, C-3

142. Clinton (Wallace)
143. Coloma (Potomac)
144. Copper Cliff
145. Elk Creek
146. Nine Mile Creek (Kennedy Creek)
147. Petty Creek
148. Woodman (Lolo)

Park County, D-6

149. Cowles (Haystack)
150. Ophir

151. Emigrant (Chico)
152. Horseshoe
153. Jardine (Bear Gulch) (Sheepcater)
154. New World (Cooke City) (Blackmore)

Phillips County, A-9

155. Little Rockies (Landusky) (Zortman)

Powell County, C-4

156. Big Blackfoot (Helmville)
157. Elliston (Ontario) (Nigger Hill)
158. Emery (Zosell)
159. Finn (Washington) (Jefferson, and (Buffalo Gulches)
160. Garrison
161. Ophir (Snowshoe) (Deadwood)
162. Oro Fino
163. Pioneer (Gold Creek)
164. Racetrack (Danielsville)

Ravalli County, C-2

165. Curlew
166. Hughes Creek (Alta) (Overwich)
167. Mineral Point
168. Pleasant View
169. Slate Creek
170. Three Mile

Sanders County, B-1

171. Blue Creek (Heron)
172. Camas Prairie (Perma)
173. Plains
174. Prospect Creek
175. Revais Creek (Dixon)
176. Steepy Creek (Belknap)
177. Silver Butte (Vermillion) (Cabinet)
178. Spring Gulch
179. Thompson River
180. Trout Creek
181. White Pine (Eagle)

Silver Bow County, D-4

182. Basin Creek
183. Butte (Summit Valley) (Lost Child)
184. Divide Creek
185. Piecer Mountain
186. German Gulch (Siberia)
187. Highland
188. Independence
189. Melrose (Camp Creek) (Soap Gulch)
190. Moose Creek

Stillwater County, D-7

191. Nye
192. Stillwater
193. Yellowstone River

Sweet Grass County, D-6

194. Big Timber Canyon
195. Boulder River
196. Independence
197. Natural Bridge
198. West Stillwater

Toole County, A-5

199. Gold Butte
200. West Butte



## LIST OF STRIPPABLE SUBBITUMINOUS AND LIGNITE COAL FIELDS

No. on map	Name of field	Coal bed	Est. reserves in millions of tons	Acreage	Average tons/acre	Ash <sup>1</sup>	Sulfur <sup>1</sup>	Btu <sup>1</sup>
1 c	Decker	Anderson-Dietz 1&2	2,239.99	25,523	87,763	4.0	.40	9,652
2 c	Deer Creek	Anderson-Dietz 1&2	495.65	14,214	35,397	4.0	.50	9,282
3 c	Roland	Roland	218.04	12,076	18,055	9.2	.74	8,164
4 c	Squirrel	Roland	133.41	6,208	21,490	5.5	.29	7,723
5 c	Kirby	Anderson	216.52	5,655	38,285	4.2	.32	8,328
		Wall	473.69	5,952	79,579			
		Dietz	834.35	17,516	47,630	5.8	.59	8,509
		Canyon	158.53	4,066	38,983	5.8	.24	8,789
6 c	Canyon	Wall	1,884.25	23,859	78,974	4.6	.30	9,088
		Brewster-Arnold	65.86	2,067	31,859	7.5	.40	8,444
7 c	Birney	Brewster-Arnold	180.55	6,969	25,905	5.1	.41	9,055
8 c	Poker Jim Lookout	Anderson-Dietz	872.65	19,609	44,501	5.2	.37	7,925
9 c	Hanging Woman Cr.	Anderson	1,583.29	30,547	51,830	4.9	.29	8,496
		Dietz	1,120.96	43,654	25,678	5.5	.33	8,078
10 c	West Moorhead	Anderson	883.74	19,660	44,949	5.3	.36	8,296
		Dietz	397.49	20,416	19,469	4.1	.41	7,990
		Canyon	690.19	22,547	30,611	5.6	.45	8,055
11 c	Poker Jim O'Dell	Knobloch	373.29	7,890	47,311	5.1	.22	8,846
		Knobloch	564.78	7,187	78,581			
12 c	Otter Creek	Knobloch	2,075.55	25,791	80,475	4.7	.36	8,468
13 c	Ashland	Knobloch	2,696.20	27,200	99,125	4.8	.15	8,421
		Sawyer A & C	357.49	20,262	17,643	4.9	.49	7,883
14 c	Colstrip	Rosebud	1,439.26	33,379	43,118	9.5	.12	8,836
15 c	Pumpkin Creek	Sawyer	2,426.50	45,695	53,102	7.5	.34	7,438
16 c	Foster Creek	Knobloch	708.13	27,801	25,470	7.8	.76	7,573
		Terret	460.87	27,462	16,782	5.8	.21	7,770
		Flowers-Goodale	258.90	14,444	17,924	7.8	.51	7,553
17 c	Broadus	Broadus	739.82	18,429	40,142	7.2	.27	7,437
18 c	East Moorhead	T	525.21	15,559	33,756	6.2	.57	7,120
19 c	Diamond Butte	Canyon	418.02	21,363	19,566	4.8	.43	7,330
20 c	Goodspeed Butte	Cook	628.95	13,446	46,775	10.6	1.63	6,771
21 c	Fire Gulch	Pawnee & Cook	336.69	8,486	39,674	3.8	.33	7,739
22 c	Sweeney-Snyder	Terret	326.33	10,921	29,880	9.1	.11	8,175
23 c	Yager Butte	Elk & Dunning	1,175.86	26,924	43,673	4.8	.33	7,646
		Cook	312.02	14,507	21,507	6.7	.63	7,254
24 c	Threemile Buttes	Canyon & Ferry	225.40	13,836	16,289	5.5	.94	6,867
25 c	Sonnette	Pawnee	320.25	8,224	38,940	9.8	.88	6,964
		Cook	362.98	10,470	34,668	8.1	1.23	6,891
26 c	Home Creek Butte	Canyon & Ferry	217.21	4,851	44,774			
27 c	Little Pumpkin Creek	Sawyer A&C, D, X, & E	215.83	8,534	25,290			
28 c	Sand Creek	Knobloch	267.34	5,952	44,915	6.6	.30	7,340
29 c	Beaver-Liscom	Flowers-Goodale & Terret	135.87	8,851	15,350	8.1	.96	8,102
		Knobloch	491.62	17,075	28,791	7.7	.50	8,027
30 c	Greenleaf-Miller Creek	Rosebud, Knobloch, and Sawyer	453.71	14,918	30,413	7.5	.71	8,422
31 c	Pine Hills	Dominy	193.87	6,022	32,191	7.2	.53	7,293
32 c	Knowlton	Dominy (M & L)	747.51	19,613	38,112	7.1	.41	6,710
		Dominy (U)	120.31	4,448	27,048	5.6	.38	6,645
33 c	Sarpy Creek	Rosebud-McKay	1,500.00	42,373	35,400	6.5	.50	8,600
34 c	Cheyenne Meadows	Knobloch	1,200.00	13,560	88,500	4.1	.40	8,400
35 c	Little Wolf	Rosebud-McKay	314.00	7,411	42,370			
36 c	Jeans Fork		90.00	3,800	23,685			
37 c	Wolf Mountains		1,922.00	31,000	62,000			
38 c	Lame Jones	Dominy	150.00	10,593	14,160			6,020
39 c	Lamesteer	Harmon(?)	35.00	1,978	17,700			6,332
40 c	Wibaux	C	643.00	18,518	34,720	7.9	.90	6,050
41 c	Little Beaver	C	134.00	8,445	15,865			
42 c	Four Buttes	C	91.00	5,180	17,570			6,140
43 c	Hodges		10.00	807	12,390			
44 c	Griffith Creek		10.00	568	17,700			

## STRIPPABLE COAL FIELDS—Continued

No. on map	Name of field	Coal bed	Est. reserves in millions of tons	Acreage	Average tons/acre	Ash <sup>1</sup>	Sulfur <sup>1</sup>	Btu <sup>1</sup>
45 c	Smith-Dry Creek	G	150.00	8,475	17,700			
46 c	O'Brian-Alkalie Creek		150.00	8,475	17,700			
47 c	Breezy Flat	Pust	200.00	7,062	30,090	6.7	.50	6,660
48 c	Burns Creek	Pust	200.00	7,062	30,090			
49 c	N.F.Thirteen Mile Creek	Pust	225.00	5,085	44,250			6,880
50 c	Fox Lake	Pust	46.00	2,166	21,240			6,880
51 c	Lane	Lane	561.00	44,582	12,390			7,150
52 c	Carroll	Carroll	345.00	29,780	11,584	5.5	.30	7,400
53 c	Redwater River	S	642.00	24,181	26,550	6.1	.40	7,400
54 c	Weidon-Timber Creek	S	724.00	25,565	28,320			7,660
55 c	Fort Kipp	Ft. Kipp-Ft. Peck	331.00	14,500	22,830	4.6	.20	6,110
56 c	Lanark	Lanark	100.00	3,531	12,390	6.3	.40	6,853
57 c	Medicine Lake		58.00	3,740	15,510	7.2	1.00	6,870
58 c	Reserve		246.00	18,231	13,495	7.6	.40	6,599
59 c	Coal Ridge	Coal Ridge	150.00	19,200	17,700	7.5	.40	5,830
60 c	Carpenter Creek	Carpenter	50.00	3,211	14,015	6.5	.40	9,270
61 c	Charter	Mammoth	60.00	3,210	17,700	6.0	.90	10,190
62 c	Little Sheep Mtn.	A&C	<u>200.00</u>	<u>10,272</u>	19,470			
		TOTAL	42,561.93	1,152,640				

<sup>1</sup>"As received" basis (where more than one sample available, figures given are average figures).

By Robert E. Matson

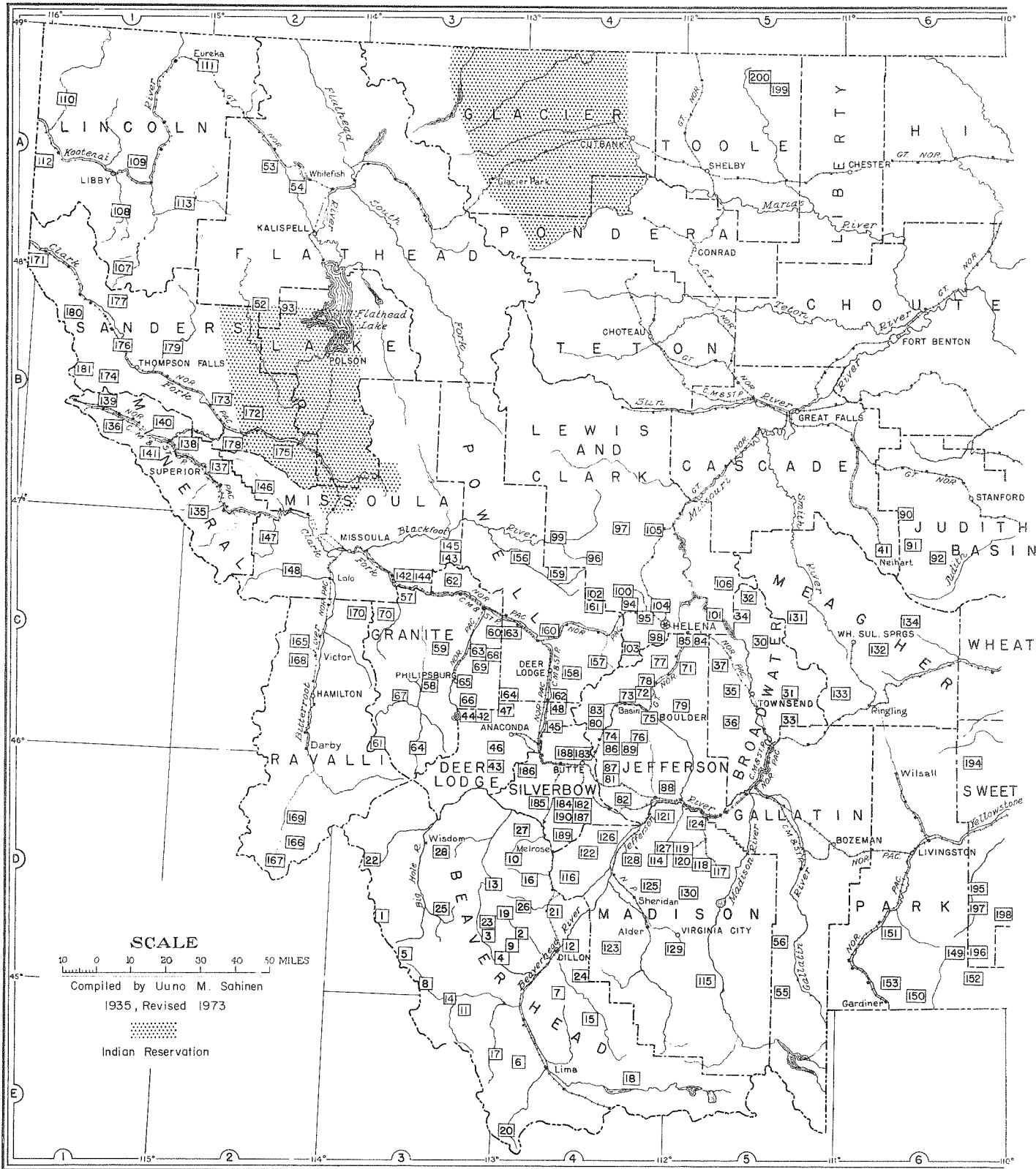
**ALL MINERS AND PROSPECTORS SHOULD BE AWARE OF THE STATE LAW  
PERTAINING TO INSPECTION OF MINES**

"This act shall apply to all mines (except coal and lignite) and individuals, owners, lessors, lessees, agents, partnerships, corporations, managers, operators, or employers operating any surface or underground metal or nonmetallic mines in this state. These individuals, owners, lessors, lessees, agents, partnerships, corporations, managers, operators, or employers operating any surface or underground metal or nonmetallic mines (excluding coal and lignite) shall report the same to the Workers' Compensation Division (State Inspector of Mines), state the name of the mine, the location of the same, the name of the company, person, or persons owning or operating the same, post office address, and number of men employed."

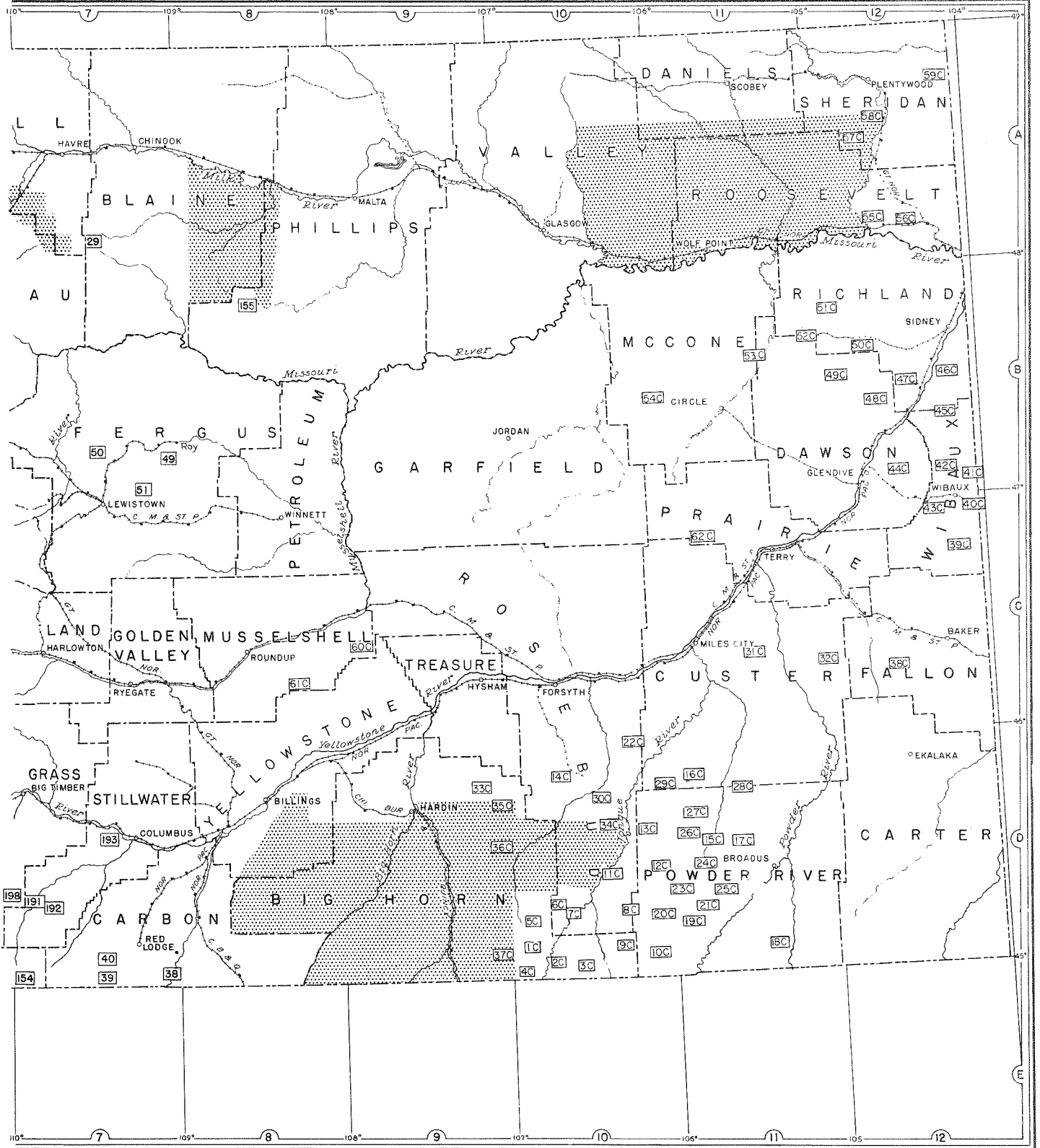
[Title 50-108 (3425)]



MONTANA BUREAU OF MINES AND GEOLOGY



MAP SHOWING DISTRIBUTION OF MINING DISTRICTS



AND STRIPPABLE COAL FIELDS IN MONTANA

