

**STATE OF MONTANA**

**Thomas L. Judge, Governor**

**BUREAU OF MINES AND GEOLOGY**

**S. I. Groff, Director**

**BULLETIN 109**

**June 1979**

**DIRECTORY OF MINING ENTERPRISES  
FOR 1978**

**Compiled by  
Don C. Lawson**





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**Compiled by  
Don C. Lawson  
Montana Bureau of Mines and Geology**

**with a section on  
THE MINERAL INDUSTRY IN MONTANA IN 1978  
prepared by  
U.S. Bureau of Mines Montana Liaison Officer, George Krempasky,  
from state and federal data sources**

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



**MONTANA COLLEGE OF MINERAL SCIENCE AND TECHNOLOGY  
Butte, Montana 59701  
1979**



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# DIRECTORY OF MINING ENTERPRISES

FOR 1978

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 type 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 1978 and a report entitled "The Mineral Production in Montana in 1978", by the U.S. Bureau of Mines Liaison Officer, George Krempasky.

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, MT 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, refinery, and electrolytic plant

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

Status: Developing

**CLEVE-AVON and FRANKLIN MINE** Gold, silver

Bryant (Hecla) dist., sec. 2, T. 3 S., R. 11 W.

Owner-Operator: Goodsin Mining Co.,

Levine Enterprises, 1014 McKeever Ave.,

Hayward, CA 94541

Status: Developing

**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

Employees: 1

Status: Developing

**COMET GROUP** Silver, lead

Elkhorn dist., sec. 26, T. 4 S., R. 12 W.

Owner-Operator: Blue Sky Mining Corp.

Dillon, MT 59725

Status: Inactive

**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

Box 422, Bridger, MT 59014

Employees: 2

Status: Developing

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

Bannack dist., sec. 9, T. 8 S., R. 11 W.

Owner-Operator: Martin L. Belus

35021 W. V. H., Algona, WA 98002

Status: Inactive

\* Open pit



## BEAVERHEAD COUNTY--Continued

\*GREEN LIZARD GROUP Silver, lead, copper  
Vipond Park dist., sec. 2, T. 2 S., R. 11 W.  
Operator: Franciscan Oil Co.  
39 Exchange Pl., Salt Lake City, UT  
Owner: Mrs. Housmun, Boise, ID  
Status: Inactive

\*\*GROUND HOG MINE Gold  
Argenta dist., SE¼ SE¼ sec. 18, T. 6 S., R. 10 W.  
Owner-Operator: 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: National Minerals  
1701 Stephens Ave., Missoula, MT 59801  
Mill capacity: 350 t/d  
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: Produced, 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

\*\*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: Unknown

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

\*\*POLARIS MINE Silver  
Polaris (Lost Cloud) dist., sec. 28, T. 5 S., R. 12 W.  
Owner-Operator: Midnite Mines, Inc.  
601 G, Western Bldg., Spokane, WA 99201  
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  
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: Developing

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

TIGER GROUP Silver, tungsten, lead, zinc, copper  
Elkhorn dist., sec. 13, 14, 15, 22, 23, 26, 27,  
T. 4 S., R. 12 W.  
Owner-Operator: Don C. Jenkins  
P. O. Box 1346, Dillon, MT 59725  
Status: Developing

VIRGINIA GULCH MINE Gold, silver  
Argenta dist., sec. 15, T. 6 S., R. 11 W.  
Owner-Operator: Kenneth Langstaff  
Box 145, 5200 Argenta Rd., Dillon, MT 59725  
Employees: 1  
Status: Developing

## 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: Unknown

## 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 Tyrell  
 Box 3294, Ontario, CA 91761  
 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

DIAMOND HILL MINE Gold, tungsten  
 Hassel dist., sec. 36, T. 7 N., R. 1 W.  
 Owner-Operator: Palmer Engh  
 Box 231, Townsend, MT 59644  
 Employees: 2  
 Mill capacity: 10 t/d (stamp)  
 Status: Developing

EAST PACIFIC MINE Gold, silver, lead  
 Winston dist., sec. 26, T. 8 N., R. 1 W.  
 Operator: Herb Carver  
 Winston, MT 59647  
 Owner: East Pacific Mining Co.  
 c/o Bill Cullen, 1306 Washington,  
 Mutual Bldg., Spokane, WA 99201  
 Mill capacity: 40 t/d  
 Status: Produced, developing

HARD CASH MINE Gold  
 Cedar Plains dist., sec. 10, 11, T. 5 N., R. 1 W.  
 Operator: Don Holmes  
 Radersburg, MT 59641  
 Owner: Jim Forkner  
 6037 N. Van Hess Blvd., Fresno, CA 93705  
 Status: Developing

HARDMORE GROUP Silver, lead, gold, zinc  
 Radersburg dist., sec. 2, T. 6 N., R. 1 W.  
 Owner-Operator: Bill Wisman and others  
 P.O. Box H, Litchfield Park, AZ 85340  
 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: Inactive

\*\*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: Inactive

\*\*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: Unknown

POE LEAD MINE Silver, lead  
 Cedar Plains dist., sec. 4, T. 5 N., R. 1 W.  
 Operator: Leonard Holmes  
 Butte, MT 59701  
 Owner: Jim Forkner  
 6037 N. Van Hess Blvd., Fresno, CA 93705  
 Employees: 2  
 Status: Inactive

ST. LOUIS MINE Gold, silver  
 Park dist., sec. 23, 26, T. 7 N., R. 1 W.  
 Operator: Betty Blewitt  
 304 S. Main, Twin Bridges, MT 59754  
 Owner: C. Carter, Washington, D. C.,  
 E. Lindner, Helena, MT 59601  
 Status: Inactive

## BROADWATER COUNTY—Continued

SANTA ANITA MINE Gold, silver, lead, zinc  
Cedar Plains dist., sec. 28, 33, T. 5 N., R. 1 W.  
Owner-Operator: Quadrant Ridge Mining Co.  
c/o Alan D. Brown  
1315 W. Granite, Butte, MT 59701  
Status: Inactive

\*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: Unknown

SILVER DIKE GROUP Gold, silver  
Cedar Plains dist., sec. 4, T. 7 N., R. 1 W.  
Operator: Don Holmes  
Radersburg, MT 59641  
Owner: Mary Ann Miller  
Radersburg, MT 59641  
Employees: 2  
Status: Produced, 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  
Status: Inactive

\*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

VULTURE MINE Lead, silver  
Park dist., sec. 8, T. 7 N., R. 1 W.  
Owner-Operator: Dr. Raymond G. Bayles  
321 E. Main, Bozeman, MT 59715  
Employees: 2  
Status: Developing

## CASCADE COUNTY: Great Falls 59401

FLORENCE and QUEEN MINE Silver, lead, zinc  
Neihart dist., sec. 29, 30, 31, 32, T. 14 N., R. 8 E.  
Operator: Carroll R. Bennett  
Box 2267, Great Falls, MT 59401  
Owner: The Monarch Co.  
Box 2267, Great Falls, MT 59401  
Status: Exploration

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

\*SILVER DYKE MINE Silver, lead, zinc  
Neihart dist., sec. 10, T. 14 N., R. 8 E.  
Owner-Operator: Peter J. Antonioli  
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

\*\*GREAT EASTERN MINE Silver, copper, zinc  
Lost Creek dist., sec. 9, 10, T. 5 N., R. 11 W.  
Owner-Operator: Nettie Lord  
Two Knudson Dr., Yerington, NV 89447  
and Lyman Thayer, Rt. 1, Box 264-AI,  
Anaconda, MT 59711  
Status: Developing

## 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: 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  
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, gold,  
lanthanum group  
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  
Status: Produced, 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: Inactive

**WAR EAGLE MINE** Silver, lead  
Warm Springs dist., sec. 12, T. 16 N., R. 18 E.  
Operator: Red Ore Development  
Calgary, Alberta, Canada  
Owner: G. S. Abbott  
Giltedge Rt., Lewistown, MT 59457  
Status: Produced, developing

## 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  
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: 7  
Status: Developing

## GRANITE COUNTY: Philipsburg 59858

- \*ARMADA MINE** Copper, gold, silver  
Garnet dist., sec. 11, 12, T. 12 N., R. 14 W.  
Owner-Operator: Armada Mines  
P. O. Box 3415, Missoula, MT 59801  
Status: Unknown
- 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  
Status: Inactive
- 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: 35  
Status: Producing, developing
- BLUE BIRD MINE** Gold, silver, copper  
Red 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
- COPPER QUEEN GROUP** Copper, tungsten, gold  
Henderson dist., sec. 35, T. 9 N., R. 14 W.  
Owner-Operator: Charles Lane and others  
Star Route, Drummond, MT 59832  
Status: Inactive
- GLITTERING HILL MINE** Gold  
Red Lion dist.  
Owner-Operator: Mrs. Mary L. McCabe  
2010 Haggin Ave., Anaconda, MT 59711  
Status: Developing
- \*GOLDEN JUBILEE MINE** Gold, silver  
Red Lion dist., sec. 14, T. 6 N., R. 13 W.  
Owner-Operator: Golden Jubilee Corp.  
Box 322, Philipsburg, MT 59858  
Employees: 3  
Mill capacity: 100 t/d  
Status: Produced, producing, developing
- 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  
Status: Developing
- IVANHOE GROUP** Gold, silver  
Pikes Peak dist., sec. 14, T. 8 N., R. 12 W.  
Operator: Ivanhoe Mining Co.  
Box 667, Second St., Deer Lodge, MT 59722  
Owner: Sam Riley  
Box 667, Second St., Deer Lodge, MT 59722  
Employees: 3  
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: Inactive
- LYCOMING MINE** Gold, silver, lead  
Philipsburg dist., sec. 17, T. 7 N., R. 13 W.  
Operator: Joe Metesh  
Philipsburg, MT 59858  
Owner: Cadgie-Taylor Co.  
3661 Maryland Parkway, Las Vegas, NV 89109  
Status: Produced
- MICKY 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
- \*\*NEW SEATTLE (DOLLY QUARTZ) MINE**  
Silver, gold  
Maxville dist., sec. 9, T. 8 N., R. 13 W.  
Owner-Operator: James E. Maehl and Grace Maehl  
P. O. Box 303, Philipsburg, MT 59858  
Status: Developing
- NORTH STAR MINE** Copper  
Maxville dist., sec. 21, T. 8 N., R. 13 W.  
Owner-Operator: Charles Lane  
Star Route, Drummond, MT 59832  
Status: Inactive

## GRANITE COUNTY—Continued

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: Produced

\*\*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  
Status: Developing

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

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

## 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 454, Boulder, MT 59632  
Owner: Robertson & Wendt Mining Co.  
P. O. Box 454, Boulder, MT 59632  
Employees: 2  
Status: Inactive

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: Developing

BIG MARY MINE Gold, silver  
Warm Springs dist., sec. 10, T. 7 N., R. 2 W.  
Owner-Operator: Horace Wilson  
Box 4612, Helena, MT 59601  
Status: Developing

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: Unknown

\*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

\*\*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: 2  
Status: Exploration

\*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

FLORENCE GROUP Gold, silver  
St. Paul dist., sec. 18, T. 2 N., R. 3 W.  
Operator: Ralph Huckaba  
Whitehall, MT 59759  
Owner: Lester Lindquist  
Whitehall, MT 59759  
Status: Producing, 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: 4  
Status: Producing, developing

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, developing

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

## JEFFERSON COUNTY—Continued

## GOLDEN SUNLIGHT GROUP Gold, Silver

Cardwell dist., sec. 17, 18, 19, 20, T. 2 N., R. 3 W.  
 Owner-Operator: Placer Amex, Inc.  
 2500 One California Bldg., San Francisco, CA 94111  
 Employees: 4  
 Status: Produced

## HOPE and BULLION MINES 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: Produced, 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: Developing

## 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  
 Status: Exploration

## MEADOW MINE Silver, lead

Clancy dist., sec. 34, T. 9 N., R. 3 W.  
 Operator: Larry Hoffman  
 1155 West Porphyry, Butte, MT 59701  
 Owner: Albert Haab, Clancy, MT 59634  
 Employees: 2  
 Status: Developing, producing

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

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: Unknown

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: Wegener Mining Company  
 Box 144, Whitehall, MT 59759  
 Status: Developing

## \*\*PAYDAY GROUP Gold, silver

St. Paul dist., sec. 18, T. 2 N., R. 3 W.  
 Owner-Operator: Ralph Huckaba  
 Box 336, Whitehall, MT 59759  
 Employees: 2  
 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

## 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: Producing, developing

## \*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: Produced, producing, developing

## SOLAR SILVER MINE Lead, silver, gold

Warm Springs dist., sec. 29, T. 7 N., R. 2 W.  
 Operator: Solar Silver Mines, Inc.  
 Box 100, Rathdrum, ID 83858  
 Owner: Champion Gold and Silver  
 W. 412 Sprague Ave., Spokane, WA 99204  
 Employees: 2  
 Status: Produced, developing

\*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  
 Mill capacity: 10 t/d  
 Status: Producing, developing

**TOURMALINE QUEEN MINE** Gold

Elkhorn dist., sec. 22, T. 6 N., R. 3 W.  
 Operator: Galli Exploration Co.  
 P. O. Box 12307, Reno, NV 89510  
 Owner: Wade V. Lewis Estate, Boulder, MT 59632  
 Employees: 4  
 Status: 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 and William Tudor  
 846 W. Quartz, Butte, MT 59701  
 Status: Inactive

## JUDITH BASIN COUNTY: Stanford 59479

**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: Produced, developing

**\*MONTGOMERY and SAN MIGUEL MINE**

Gold, silver, copper, lead, zinc  
 Barker dist., sec. 31, T. 15 N., R. 9 E.  
 Owner-Operator: Mrs. G. V. R. McBride  
 Monarch, MT 59463  
 Status: Developing

**LIBERTY MINE** Silver, lead, zinc

Barker dist., sec. 6, 7, 18, T. 15 N., R. 9 E.  
 Owner-Operator: Gwyn McBride and others  
 Monarch, MT 59643  
 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: 1  
 Status: Developing

## 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: Inactive

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

Rimini dist., sec. 8, T. 8 N., R. 5 W.  
 Owner-Operator: Sparrow Resources, Ltd.  
 B. Dale Fayram, Pres., Box 8236, Stn. F.  
 Calgary, Alberta, Canada  
 Status: Developing

**\*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: Unknown

**\*\*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  
 Status: Developing, produced



## LEWIS AND CLARK COUNTY—Continued

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  
Status: Inactive

\*\*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: Inactive

\*\*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  
Status: Produced, developing

JOLLY ROGER MINE Silver, lead  
Rimini dist., sec. 16, T. 8 N., R. 5 W.  
Owner-Operator: Sparrow Resources, Ltd.  
P. O. Box 8236, Stn. F.  
Calgary, Alberta, Canada  
Employees: 2  
Status: Developing

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.  
P. O. Box 8236, Stn. F.  
Calgary, Alberta, Canada  
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

LOST CAUSE MINE Zinc, silver, lead  
Grouse Mountain dist., sec. 2, 3, 10, 11, T. 30 N., R. 34 W.  
Owner-Operator: Ralph K. Hahn, Troy, MT 59935  
Status: Developing

\*\*Open pit and underground

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

PEGGY ANN MINE Gold, silver  
J. Gould dist., sec. 24, T. 13 N., R. 7 W.  
Owner-Operator: Peggy Ann Mines, Inc.  
Box 494, Canyon Creek, MT 59633  
Employees: 6  
Status: Produced, 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  
Status: Produced, producing, developing

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

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: Unknown

\*\*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, ID 83830  
Mill capacity: 100 t/d  
Status: Inactive

## MADISON COUNTY: Virginia City 59755

- \*\*ALAMEDA-WAKOOSTA MINE** Gold, silver  
Virginia City dist., sec. 27, 28, T. 6 S., R. 3 W.  
Operator: M & M Mining  
P. O. Box 53, Virginia City, MT 59755  
Owner: Mr. and Mrs. Bill Thexton  
Ennis, MT 59729  
Employees: 4  
Status: Developing
- \*ATLANTIC PACIFIC MINE** Gold, silver, copper  
Mineral Hill dist., sec. 20, T. 2 S., R. 3 W.  
Owner-Operator: Fred Box, Pony, MT 59747  
Status: Inactive
- B & H (PETE & JOE) GROUP** Gold, silver, copper, lead  
Tidal Wave dist., sec. 10, T. 3 S., R. 4 W.  
Owner-Operator: Gold Ranch, Inc.  
P. O. Box 245, Virginia City, MT 59755  
Status: Inactive
- 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  
Mill capacity: 4 t/d  
Status: Produced, 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
- 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: Inactive
- 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
- EAGLE BLACK GROUP** Gold, silver, copper  
Highland dist., sec. 2, 3, 10, 11, T. 7 S., R. 3 W.  
Owner-Operator: Clifford E. Melroe  
c/o Donald C. Holand, Attorney  
Fargo Natl. Bank Bldg., Fargo, ND 58102  
Status: Inactive
- \*EASTON-PACIFIC MINE** Gold, silver  
Virginia City dist., sec. 9, T. 7 S., R. 3 W.  
Owner-Operator: Easton Pacific and  
Riverside Mining Corp., Virginia City, MT 59755  
Status: Inactive
- GOLD BAR MINE** Gold, silver, copper, lead  
Browns Gulch dist., sec. 33, T. 6 S., R. 3 W.  
Operator: A. C. Sorento  
Gold Bar Inc., Box 32, Virginia City, MT 59755  
Owner: Helen Anderson  
Box 32, Virginia City, MT 59755  
Status: Produced, producing, developing
- GREEN CAMPBELL MINE** Gold  
Silver Star dist., sec. 3, T. 2 S., R. 6 W.  
Owner-Operator: United Investors Corp.  
546 DeSoto St., Salt Lake City, UT 84103  
Mill capacity: 100 t/d  
Status: Developing
- 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  
Status: Developing
- LUCKY STRIKE MINE** Gold, silver  
Twin Bridges dist., sec. 9, 16, T. 3 S., R. 5 W.  
Operator: R. Holliday, Sheridan, MT 59749  
Owner: Camila Gage, Twin Bridges, MT 59754  
Status: Developing
- 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 788, Bozeman, MT 59715  
Employees: 2  
Status: Developing

## MADISON COUNTY—Continued

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: Inactive

\*MUELLER MINE Gold, silver, lead  
McCartney 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: Inactive

NELLIE BLY GROUP Gold  
Highland dist., sec. 1, 12, T. 7 S., R. 3 W.  
Owner-Operator: Clifford E. Melroe  
c/o Donald C. Holand, Fargo Natl. Bank Bldg.,  
Fargo, ND 58102  
Status: Developing

PEARL GROUP Gold, silver  
Alder dist., sec. 1, 2, T. 7 S., R. 3 W.  
Owner-Operator: Clifford E. Melroe  
c/o Donald C. Holand, Attorney  
Fargo Natl. Bank Bldg., Fargo, ND 58102  
Employees: 4  
Status: Inactive

RED PINE MINE Gold, silver  
Sheridan dist., sec. 34, T. 3 S., R. 4 W.  
sec. 5, T. 4 S., R. 4 W.  
Operator: Morton McGinley  
Red Pine Exploration and Development Co., Ltd.  
P. O. Box 33, Colorado Springs, CO 80906  
Owner: Shermont Mining Co.  
5701 Seaview Ave. NW, #101, Seattle, WA 98107  
Employees: 4  
Mill capacity: 50 t/d  
Status: Producing, developing

RY & K MINE Gold, silver  
Norwegian dist., sec. 2, T. 3 S., R. 2 W.  
Owner-Operator: RY & K Mining & Development Co.  
Howard Kruse, Mgr., Box 25, Harrison, MT 59735  
Employees: 6  
Status: Developing

ST. JOHN GROUP Gold, silver  
Highland dist., sec. 1, T. 7 S., R. 3 W.  
Operator: A. J. Katches and others  
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: Inactive

SCALDED CAT MINE Gold, silver, copper, tungsten  
Mineral Hill dist., sec. 14, T. 2 S., R. 3 W.  
Owner-Operator: Mrs. Emmett Clary  
Box 264, Pony, MT 59747  
Employees: 2  
Status: Inactive

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

\*TAMARACK (BROADGAUGE) MINE Gold  
Sheridan dist., sec. 17, T. 4 S., R. 4 W.  
Owner-Operator: Broadgauge Mine, Inc.  
Box 302, Sheridan, MT 59749  
Mill capacity: 100 t/d  
Status: Unknown

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

## MADISON COUNTY--Continued

U. S. GRANT MINE Gold, silver  
 Virginia City dist., sec. 36, T. 6 S., R. 3 W.  
 Owner-Operator: Ed Scheitlin, Pacific Mines, Inc.  
 Virginia City, MT 59755  
 Mill capacity: 250 t/d  
 Status: Producing, developing

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

WATSECA MINE Gold, silver  
 Rabbit dist., sec. 31, 32, T. 2 S., R. 3 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: Produced, 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: Inactive

LUCKY DOLLAR MINE Lead, silver  
 Castle Mountains dist., sec. 12, T. 8 N., R. 8 E.  
 Owner-Operator: Carl Berg  
 Box 126, Martinsdale, MT 59053  
 Employees: 2  
 Status: Developing

BURBON MINE Gold  
 White Sulphur Springs dist., sec. 28, T. 9 N., R. 4 E.  
 Operator: Richard C. Geordge  
 Checkerboard, MT 59053  
 Owner: Alex J. Burchak and Travis Belue  
 213 Collins, Lavina, MT 59046 or  
 1242 Ave. F., Billings, MT 59102  
 Status: Produced, 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: Inactive

COTTONTAIL MINE Copper  
 Castle Mountains dist., sec. 22, T. 10 N., R. 10 E.  
 Owner-Operator: Richard C. Geordge and others  
 Checkerboard, MT 59053  
 Status: Developing

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: Inactive

\*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 Plymale  
 Townsend, MT 59644  
 Status: Unknown

YELLOWSTONE MINE Lead, zinc  
 Castle Mountains dist., sec. 11, T. 8 N., R. 8 E.  
 Operator: George Voldseth  
 Martinsdale, MT 59053  
 Owner: Hamilton Mines, Inc.  
 Martinsdale, MT 59053  
 Status: Inactive

## 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: 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

EAST COEUR D'ALENE SILVER MINE  
Silver, copper, lead, zinc  
Keystone dist., T. 17, 18 N., R. 26, 27 W.  
Owner-Operator: East Coeur d'Alene Silver  
Mines, Inc., Scott Bldg., Wallace, ID 83873  
Status: Unknown

GOLDBUG (TAWNEY) MINE Gold  
St. Regis-Saltese dist., 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: Inactive

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: Inactive

K & K MINE Silver, lead  
Deer Creek dist., sec. 22, T. 18 N., R. 30 W.  
Owner-Operator: Wayne Koski  
Box 42, Mullan, ID 83846  
Employees: 2  
Status: Unknown

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

NANCY LEE MINE Silver, lead, zinc  
Keystone dist., sec. 31, 32, T. 18 N., R. 26 W.  
Operator: Western Silver Development Co.  
Jay Elander, Pres., Minneapolis, MN  
Owner: Nancy Lee Mines, Inc.  
Box 67, Kellogg, ID 83837  
Mill capacity: 150 t/d  
Status: Producing, 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: Developing

## 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: Developing

\*COPPER CLIFF MINE Copper, gold, silver  
Copper Cliff dist., sec. 11, T. 12 N., R. 15 W.  
Owner-Operator: Armada Corp.  
P. O. Box 3415, 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  
Mill capacity: 50 t/d  
Status: Inactive

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: Inactive

## MISSOULA COUNTY—Continued

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

\*WARD LODE MINE Gold, silver, copper, lead, zinc  
 Sec. 22, T. 11 N., R. 22 W.  
 Owner-Operator: Ward Development Co.  
 Hwy. 93 and South Ave., Missoula, MT 59801  
 Employees: 1  
 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: Inactive

## 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

\*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

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

\*\*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  
 Status: Inactive

\*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

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: Developing

\*GLEN GARRY (WHITE) CLAIMS Gold, silver, copper  
 New World dist., sec. 12, T. 9 S., R. 14 E.  
 Operator: Earl Nott, Pres., Como Mining Co.  
 Box 521, Columbus, MT 59019  
 Owner: Harriet White, Spokane, WA 99200  
 Employees: 1  
 Status: Developing

\*\*REPUBLIC MINES 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-AUGUST GROUP

Gold, silver  
 Little Rockies dist., sec. 15, T. 25 N., R. 24 E.  
 Operator: Landusky Mining Co., Landusky, MT 59533  
 Owner: Wharf Resources, 2790 Scotia Centre  
 700 2nd St., S. W., Calgary, Alberta,  
 Canada T2P 2W2  
 Employees: 10  
 Status: Producing, 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: Unknown

## MONTANA MINE Gold, silver

Little Rockies dist., sec. 10, 11, 12, 14, 15,  
 T. 25 N., R. 24 E.  
 Owner-Operator: Vernon Smith  
 and Alfred Peterson, Hilger, MT 59451  
 Status: Inactive

## RUBY GULCH MINE Gold, silver

Little Rockies dist., sec. 18, T. 25 N., R. 25 E.  
 Operator: Zortman Mining, Inc.  
 c/o Frank Duval, Res. Mgr., Mica, WA 99023  
 Owner: Gold Reserve Corp.  
 P. O. Box 11277, Spokane, WA 99211  
 Employees: 2  
 Status: Developing

## 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. N. E., Puyallup, WA 98371  
 Status: Developing

## 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: Unknown

## \*\*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.  
 c/o Dave R. Newman, Box 398, Elliston, MT 59728  
 Status: Developing

## FAIRVIEW MINE Gold, silver, copper

Ophir dist., sec. 25, T. 11 N., R. 8 W.  
 Owner-Operator: Jan Bunton, Avon, MT 59713  
 Status: Inactive

## \*\*HIDDEN HAND MINE Gold, silver, lead

Zosell dist., NW¼ SW¼ sec. 2, T. 7 N., R. 8 W.  
 Operator: Gulf Mineral Resources  
 1700 S. Bellaire, Denver, CO 80222  
 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: Gulf Mineral Resources  
 1700 S. Bellaire, Denver, CO 80222  
 Owner: Ivan Stocks and George L. Rennfield  
 Deer Lodge, MT 59722  
 Status: Inactive

## 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: 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: Inactive

## NEGROS MINE Gold, silver, lead, zinc

Negro Hill dist., SE¼ SW¼ sec. 36, T. 9 N., R. 7 W.  
 Owner-Operator: J. F. Hopkins  
 401 N. Montana, Helena, MT 59601  
 Status: Developing

## POWELL COUNTY--Continued

## NORTH POLE MINE Silver, copper, zinc, gold

Elliston dist., sec. 29, T. 8 N., R. 6 W.

Operator: James R. Dixon

Box 302, Elliston, MT 59728

Owner: James R. Dixon and Dorothy E. Dixon

Box 302, Elliston, MT 59728

Status: Developing

## 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

## 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

## RAVALLI COUNTY: Hamilton 59840

## \*CURLEW MINE Silver, lead

Pleasant View dist., sec. 13, T. 8 N., R. 21 W.

Operator: R. Davidson

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. 2nd St., Hamilton, MT 59840

Employees: 2

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: Inactive

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

Mineral Point (unorg.) dist., sec. 16, 17, 20, 21

T. 3 S., R. 22 W.

Owner-Operator: Shook Mines, Inc.

Box 77, Darby, MT 59829

Status: Developing

## SANDERS COUNTY: Thompson Falls 59873

## 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.

Robert Grady, Pres., 509 N. Main St.

Colville, WA 99114

Status: Exploration

## \*\*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

Status: Unknown

## FOUR UP GROUP Copper

Sec. 22, T. 24 N., R. 32 W.

Operator: International Nickel Co.

One New York Plaza, New York, NY 10004

Owner: Donald C. Cripe and others

Rt. 1, Box 929-B, Libby, MT 59923

Status: Developing

## 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

Detwiler Bros., Noxon, MT 59853

Status: Developing



## SANDERS COUNTY—Continued

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

JEFF, WOG, and CIRCLE 8 GROUPS  
 Copper, silver  
 Vermilion 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: Unknown

\*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

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.  
 Owner-Operator: Raven Mining Co.  
 c/o Austin Monk, Marion, MT 59925  
 Employees: 2  
 Status: Inactive

RED FIR (AMAZON) MINE Gold, silver, copper  
 Blue Creek dist., sec. 25, T. 27 N., R. 34 W.  
 Owner-Operator: J. C. Brooks and others  
 Star Rt., Clark Fork, ID 83811  
 Status: Developing

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: Produced, producing, developing

KELLEY 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: 98  
 Status: Developing

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

LAST CHANCE MINE Gold, silver  
 Highland dist., sec. 28, T. 1 N., R. 7 W.  
 Owner-Operator: Howard Stratton  
 2619 Walnut St., Butte, MT 59701  
 Status: Produced, developing

EMMA MINE Gold, silver  
 Highland dist., sec. 29, T. 1 N., R. 7 W.  
 Owner-Operator: Howard Stratton  
 2619 Walnut St., Butte, MT 59701  
 Mill capacity: 5 t/d  
 Status: Produced, 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  
 Status: Inactive

\*Open pit

## SILVER BOW COUNTY—Continued

## LUCKY STRIKE 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

## MOONLIGHT MINE Gold, silver

Highland dist., sec. 28, T. 1 N., R. 7 W.  
 Owner-Operator: Howard Stratton  
 2619 Walnut, Butte, MT 59701  
 Status: Produced, developing

## \*\*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: Unknown

## PEABODY MINE Silver, lead

Soap Gulch dist., sec. 6, 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  
 Status: Inactive

## STRATTON MINE Gold, silver, copper

Highland dist., sec. 32, T. 1 N., R. 7 W.  
 Owner-Operator: Howard Stratton  
 2619 Walnut, Butte, MT 59701  
 Status: Produced, developing

## WRONG FONT GROUP Gold, silver

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

## STILLWATER COUNTY: Columbus 59019

## MOUAT MINE Copper, nickel

Nye dist., sec. 20, T. 5 S., R. 15 E.  
 Owner-Operator: The Anaconda Co.  
 Butte, MT 59701  
 Status: Inactive

## IRON MINES

## BROADWATER COUNTY: Townsend 59644

## \*IRON CROSS MINE Iron ore

Cedar Plains dist., sec. 12, T. 5 N., R. 1 W.  
 Operator: R & 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 & S Iron Co., Inc., Radersburg, MT 59641  
 Owner: R. Borland and J. Potter  
 White Sulphur Springs, MT 59645  
 (Leased by R & S Iron Co.)  
 Employees: 3  
 Status: Produced

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

**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

**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: Developing

**TUNGSTEN MINES****BEAVERHEAD COUNTY: Dillon 59725**

\*CALVERT MINE Tungsten  
 Wise River dist., sec. 12, T. 1 N., R. 13 W.  
 Operator: Rochester Enterprises, Sheridan, MT 59749  
 Owner: General Electric Co.  
 21800 Tungsten Rd., Cleveland, OH 44117  
 Status: Inactive

LOST CREEK MINE Tungsten  
 Lost Creek dist., sec. 11, 14, 23, T. 4 S., R. 10 W.  
 Operator: Union Carbide Corporation  
 Grand Junction, CO 81501  
 Owner: Moly Tung, Inc.  
 First National Bank Bldg., Butte, MT 59701  
 Status: Developing

**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: Unknown

**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: Unknown

## 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: John Lewis, 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: Unknown

## JEFFERSON COUNTY: Boulder 59632

**\*BLACK CANYON PLACERS** Gold  
 Alhambra dist., sec. 14, 15, T. 7 N., R. 3 W.  
 Owner-Operator: A. E. Reichel, Horace Wilson, and  
 Roy Fox, 3112 1st Ave. N., Great Falls, MT 59401  
 Status: Developing

**\*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

## 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: Produced

**\*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: Inactive

**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

**TERRIBLE PLACER Gold**

Sec. 32, 33, T. 11 N., R. 3 E.  
 Owner-Operator: P. J. Reynolds  
 White Sulphur Springs, MT 59645  
 Status: Producing

**\*RICH-MICH PLACER Gold**

Thompson Gulch dist., sec. 27, T. 9 N., R. 4 E.  
 Operator: Walter Hoven, Billings, MT 59100  
 Owner: Mrs. Richard Conklin, Kalispell, MT 59901  
 Status: Inactive

**MINERAL COUNTY: Superior 59872****\*BETTY PLACER Gold**

SE $\frac{1}{4}$  NE $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  SW $\frac{1}{4}$  sec. 8,  
 N $\frac{1}{2}$  N $\frac{1}{2}$  NW $\frac{1}{4}$  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  
 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: Produced, 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

**\*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: Inactive

**TRIANGLE PLACER Gold**

Quartz Creek dist., sec. 3, T. 14 N., R. 26 W.  
 Owner-Operator: Victor D. Wright  
 Box 448, Alberton, MT 59820  
 Status: 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: Developing

**\*ROBIN L. PLACER Gold**

Nine Mile dist., sec. 21, T. 17 N., R. 24 W.  
 Owner-Operator: Mary C. Anliker  
 923 Spartan Drive, 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: Unknown

**YOUR NAME PLACER Gold, silver, lead,  
tungsten, copper**

Your Name Creek dist., sec. 4, 13, 17, 18, 22, 23,  
 T. 13 N., R. 12, 13 W.  
 Owner-Operator: H. C. Craig and Co.  
 336 Peyton Bldg., Spokane, WA 99201  
 Employees: 2  
 Status: Developing

**\*PINEAU PLACER Gold**

Gold Creek dist., sec. 14, T. 8 N., R. 12 W.  
 Operator: George Relyea, Box 116, Garrison, MT 59731  
 Owner: Andrew Malcolm, Deer Lodge, MT 59722  
 Status: Developing

\*Open pit

## 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

## LINCOLN COUNTY: Libby 59923

KENELTY MINE Barite  
 Sec. 34, T. 27 N., R. 28 W.  
 Owner-Operator: Montana Barite Co.  
 Duane Reber, Mgr.  
 P. O. Box 3296, Missoula, MT 59801  
 Status: Developing

## MINERAL COUNTY: Superior 59872

MULLEN BARITE MINE Barite  
 St. Regis dist., sec. 9, T. 18 N., R. 28 W.  
 Owner-Operator: June Alexander  
 Box 167, St. Regis, MT 59866  
 Employees: 2  
 Mill capacity: 50 t/d  
 Status: Produced, producing, developing

## MISSOULA COUNTY: Missoula 59801

BONANZA GROUP Barite  
 Cedar Creek dist., sec. 29, T. 15 N., R. 27 W.  
 Owner-Operator: Fern and George Gildersleeve  
 Superior, MT 59872  
 Status: Developing

FROSTBITE DEPOSIT Barite  
 Elk Creek dist., sec. 20 T. 13 N., R. 14 W.  
 Operator: Montana Barite Co.  
 Duane Reber, Mgr.  
 P. O. Box 3296, Missoula, MT 59801  
 Owner: The Anaconda Company  
 Butte, MT 59701  
 Status: Inactive

\*\*ELK CREEK MINE Barite  
 Sec. 15, 16, 20, T. 13 N., R. 14 W.  
 Owner-Operator: Montana Barite Co.  
 P. O. Box 3296, Missoula, MT 59801  
 Employees: 6  
 Status: Producing

**BENTONITE PITS**

**CARTER COUNTY: Ekalaka 59324**

\*COLONY OPEN PITS Bentonite  
 T. 9 S., R. 58, 59 E.  
 Operator: N L Industries, Inc., Baroid Division  
 Belle Fourche, SD 57717  
 Owner: N L Industries, Inc., Baroid Division  
 Box 1675, Houston, TX 77001  
 Mill capacity: 300,000 t/y  
 Employees: 18  
 Status: Developing

**PHILLIPS COUNTY: Malta 59538**

\*AMERICAN COLLOID PIT Bentonite  
 Sec. 6 T. 26 N., R. 31 E.  
 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: Federal Bentonite Co.  
 Aurora, IL 60538  
 Owner: Brazil Creek Bentonite Co.  
 Box 907, Glasgow, MT 59230  
 Status: Inactive

**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: Inactive

**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  
 Status: Inactive

**VALLEY COUNTY: Glasgow 59230**

\*BRAZIL CREEK PIT Bentonite  
 Sec. 25, T. 25 N., R. 36 E.  
 Operator: Hallett Minerals Co.  
 Box 6387, Duluth, MN 55806  
 Owner: Brazil Creek Bentonite Co.  
 Box 907, Glasgow, MT 59230  
 Status: Developing

\*GLASGOW WORKS Bentonite  
 Sec. 1, 22, T. 27 N., R. 34 E.  
 Owner-Operator: Federal Bentonite Division  
 Aurora Metal Co.  
 1019 Jericho Rd., Aurora, IL 60538  
 Employees: 17  
 Mill capacity: 150,000 t/y  
 Status: Producing

\*Open pit

## CHLORITE MINES

MADISON COUNTY: Virginia City 59755

- \*ANTLER MINING CO. PIT Chlorite  
 Sec. 14, T. 2 S., R. 6 W.  
 Owner-Operator: Sylvan Donegan, Jr., Robert Nolte  
 Box 304, Twin Bridges, MT 59754  
 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

FERGUS COUNTY: Lewistown 59457

- \*LEWISTOWN PIT Clay  
 Sec. 15, T. 15 N., R. 18 E.  
Owner-Operator: Lewistown Division  
 Lovell Clay Products Co., Cliff Hayes, Mgr.  
 Box 1082, Lewistown, MT 59457  
 Employees: 15  
 Status: Producing, developing

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

## 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: Inactive

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



**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

**GRAPHITE MINES**

**BROADWATER COUNTY: Townsend 59644**

**BLACK DIAMOND GROUP** Graphite  
Sec. 17, 20, 29, 32, T. 7 N., R. 1 E.  
Owner-Operator: Black Diamond Graphite Co.  
201 E. 6th Ave., Helena, MT 59601  
Employees: 5  
Status: Developing

**GYPSUM MINES**

**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: 70  
Mill capacity: 2,000 t/wk  
Status: Producing

**LIMESTONE MINES AND QUARRIES**

**BEAVERHEAD COUNTY: Dillon 59725**

**\*\*WHITE LIME GROUP** 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. 24, 25, T. 8 S., R. 25 E.  
Sec. 19, 30, T. 8 S., R. 26 E.  
Operator: Big Horn Calcium Co.  
Box 118, Frannie, WY 82423  
Owner: Big Horn Limestone Co.  
P. O. Box 1952, Denver, CO 80901  
Employees: 20  
Mill capacity: 10 t/hr  
Status: Producing

**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 Basic Industries - Cement Div.  
 P. O. Box 8789, Denver, CO 80201  
 Employees: 100  
 Mill capacity: 330,000 t/yr  
 Status: Producing

**GRANITE COUNTY: Philipsburg 59858**

\*BIG HORN CALCIUM QUARRY Limestone  
 Sec. 14, T. 11 N., R. 13 W.  
 Owner-Operator: Big Horn Calcium Co.  
 P. O. Box 118, Frannie, WY 82423  
 Employees: 20  
 Status: Producing

**JEFFERSON COUNTY: Boulder 59632**

\*McCLELLAN QUARRY Limestone  
 McClellan dist., sec. 7, T. 9 N., R. 2 W.  
 Operator: Maronick Construction Co., Inc.  
 East Helena, MT 59635  
 Owner: E. P. Maronick, Pres.  
 East Helena, MT 59635  
 Employees: 3  
 Mill capacity: 100 t/d  
 Status: Producing

\*MONTANA CITY QUARRY Portland cement limestone  
 Sec. 12, 13, T. 9 N., R. 3 W.  
 Operator: Kaiser Cement  
 Montana City, MT 59602  
 Owner: Kaiser Cement and Gypsum Corp.  
 Kaiser Center, Oakland, CA 94600  
 Employees: 88  
 Mill capacity: 1800 t/d  
 Status: Producing, developing

**POWELL COUNTY: Deer Lodge 59722**

\*WARM SPRINGS CREEK QUARRY Limestone  
 Sec. 5, T. 10 N., R. 9 W.  
 Owner-Operator: Janney Construction Co., Inc.  
 Box 517, Deer Lodge, MT 59722  
 Status: Inactive

## PHOSPHATE MINES

## POWELL COUNTY: Deer Lodge 59722

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: Unknown

\*RELYEA MINE Phosphate rock  
 Garrison dist., ½ sec. 12, T. 10 N., R. 10 W.  
 Owner-Operator: George Relyea  
 Box 116, Garrison, MT 59731  
 Status: Inactive

\*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: Inactive

WARM SPRINGS 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: 130  
 Status: Producing

## SAPPHIRE MINES

## GRANITE COUNTY: Philipsburg 59858

CHAUSSEE SAPPHIRE CORP. Sapphire  
 West Fork Rock Creek dist., T. 6 N., R. 16 W.  
 Operator: Kenneth W. Clevish  
 Box 706, Philipsburg, MT 59858  
 Owner: Wil Chaussee  
 Box 706, Philipsburg, MT 59858  
 Employees: 13  
 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: Saturn Exploration and Mining Co.  
 Greenwood Plaza, Plaza North Bldg.  
 5660 South Syracuse Circle, Englewood CO 80110  
 Owner: Sapphire International Corp.  
 21241 Ventura Blvd., Suite 190  
 Woodland Hills, CA 91364  
 Mill capacity: 300 t/d  
 Status: Produced

## 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

\*Open pit

## SEMIPRECIOUS 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  
 2412 Highwood St., Missoula, MT 59801  
 Status: Producing, developing

## 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  
 Status: Inactive

## 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  
 Employees: 2  
 Status: Producing

## JEFFERSON COUNTY: Boulder 59632

CARDWELL PIT Expanded shale  
 E½ W½ sec. 36, T. 2 N., R. 3 W.  
 Operator: Kanta Products, Inc.  
 Box 96, Three Forks, MT 59752  
 Owner: State of Montana, Helena, MT 59601  
 Employees: 2  
 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: 4  
 Mill capacity: 600 t/d  
 Status: Producing

\*Open pit

**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: Producing

**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 448, Alberton, MT 59820  
 Owner: Victor D. Wright and others  
 Box 448, 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  
 Dist. (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: Unknown

**SOIL CONDITIONERS****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: 9  
 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: Inactive

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

**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: Unknown

**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, Deer Lodge, MT 59722  
 Owner: Burlington Northern, Inc.  
 St. Paul, MN 55101  
 Employees: 10  
 Mill capacity: 200 t/hr  
 Status: Produced

**PARK COUNTY: Livingston 59047****GARDINER TRAVERTINE QUARRY** Building stone

Sec. 14, T. 9 S., R. 8 E.  
 Owner-Operator: Clesson Hayes  
 Box 167, Gardiner, MT 59030  
 Status: Inactive

**\*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: 23  
 Status: Produced

**RAVALLI COUNTY: Hamilton 59840****\*BITTERROOT VALLEY STONE QUARRY**

Ornamental stone  
 Sec. 7, T. 4 N., R. 21 W.  
 Owner-Operator: Frank Jaquette  
 Rt. 1, Box 274, Hamilton, MT 59840  
 Status: Inactive

**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  
 555 S. Flower St., Los Angeles, CA 90017  
 Employees: 4  
 Status: Producing

**\*REGAL MINE and PLANT** Talc

Sweetwater dist., N½ sec. 2, T. 8 S., R. 7 W.  
 Owner-Operator: Pfizer, Inc.  
 Box 1147, Dillon, MT 59725  
 Employees: 110  
 Status: Producing

## MADISON COUNTY—Continued

**\*\*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: Producing

**\*WILLOW CREEK MINE (RUBY RIDGE GROUP)** Talc  
 Home Park dist., sec. 30, T. 8 S., R. 3 W.  
 Operator: Resource Processors, Inc.  
 Summit, NJ 07901  
 Owner: Madison Minerals Corp.,  
 C. W. Hafer, Sr., 1967 Yale Ave., Butte, MT 59701  
 Status: Producing, developing

**\*TREASURE CHEST MINE** Talc  
 Stone Creek dist., NE $\frac{1}{4}$  NE $\frac{1}{4}$  sec. 15, T. 7 S., R. 6 W.  
 Owner-Operator: Pfizer, Inc.  
 Box 1147, Dillon, MT 59725  
 Employees: 11  
 Status: Producing

**\*YELLOWSTONE (CAMERON) MINE** Talc  
 Johnny Gulch dist., sec. 4, T. 9 S., R. 1 W.  
 Owner-Operator: Cyprus Industrial Minerals  
 555 S. Flower St., Los Angeles, CA 90017  
 Employees: 65  
 Status: Produced, producing

## VERMICULITE MINES

## LINCOLN COUNTY: Libby 59923

**\*ZONOLITE 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: 250  
 Mill capacity: 6,000 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  
 Status: Producing, 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  
 Status: Developing, producing

## RAVALLI COUNTY: Hamilton 59840

**WESTERN VERMICULITE GROUP** Vermiculite  
 Sec. 24, 25, T. 6 N., R. 19 W.  
 Operator: Western Vermiculite Co.  
 P. O. Box 4925, Missoula, MT 59801  
 Owner: National Minerals and Argea Corp.  
 P. O. Box 4925, Missoula, MT 59801  
 Employees: 10  
 Mill capacity: 100 t/d  
 Status: Developing

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

## PART 3, COAL MINES

## BIG HORN COUNTY: Hardin 59034

**\*ABSALOKA MINE** Coal

Sec. 25, T. 1 N., R. 37 E.

Operator: Morrison-Knudsen Company, Inc.  
Hardin, MT 59034Owner: Westmoreland Resources  
P. O. Box 449, Hardin, MT 59034

Employees: 108

Status: Producing, developing

**\*WEST DECKER MINE** Coal

Decker dist., sec. 9, T. 9 S., R. 40 E.

Owner-Operator: Decker Coal Co.  
Box 746, Sheridan, WY 82801

Employees: 300

Status: Producing

**\*EAST DECKER MINE** Coal

Decker dist., sec. 11, 12, 14, T. 9 S., R. 40 E.

Owner-Operator: Decker Coal Co.  
Box 746, Sheridan, WY 82801

Employees: 300

Status: Producing, developing

## CARBON COUNTY: Red Lodge 59068

**BROPHY NO. 2 MINE** Coal (underground)Red Lodge dist., sec. 6, T. 8 S., R. 21 E.,  
sec. 31, 36, T. 7 S., R. 20 E.Owner-Operator: Beartooth Coal Co.  
121 SW Salmon, Portland, OR 97211

Employees: 17

Status: Developing

## 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: Producing

## MUSSELSHELL COUNTY: Roundup 59072

**\*DIVIDE MINE** Coal

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

Owner-Operator: Divide Coal Mining Co.  
Box 342, Roundup, MT 59072

Employees: 3

Mill capacity: 250 t/d

Status: Produced, producing

**STORM KING PIT** Coal

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

Owner-Operator: Jack and Victor Carlson  
Divide Coal Mining Co.

Box 342, Roundup, MT 59072

Status: Producing

**\*P. M. MINE** Coal

Sec. 13, T. 6 N., R. 26 E.

Owner-Operator: P. M. Coal Mining Co., Maged Bros.  
Goulding Creek Rt., Roundup, MT 59072

Employees: 3

Status: Producing

\*Open pit



## POWDER RIVER COUNTY: Broadus 59317

\*COAL CREEK MINE Coal  
Sec. 3, T. 3 S., R. 45 E.  
Owner-Operator: Coal Creek Mining Co.  
Clayton Tonnamaker, Pres.  
P. O. Box 145, Ashland, MT 59007  
Status: Producing

## RICHLAND COUNTY: Sidney 59270

\*SAVAGE 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: 88  
Status: Produced

\*ROSEBUD MINE Coal  
Rosebud dist., sec. 1, 3, 4, 12, T. 1 N., R. 41 E.,  
sec. 33, T. 2 N., R. 41 E.  
Operator: Long Construction  
Billings, MT 59101  
Owner: Western Energy Co.  
Box 37, Colstrip, MT 59323  
Employees: 280  
Status: Producing

## THE MINERAL PRODUCTION IN MONTANA IN 1978

Montana's mineral production for 1978 is estimated to be \$686 million, a one percent decrease from that of 1977. Mineral fuels accounted for 69 percent of the total 1978 estimated production value, metals accounted for 18 percent, and nonmetals accounted for 13 percent. Montana ranks in the top five in the nation in the production of antimony, bentonite, copper, silver, talc, and vermiculite.

The estimated value of metal minerals production is \$123 million, a 10 percent decrease compared with that of 1977. Increases in value of production for gold, lead, and antimony were noted, and decreases in the value of production for copper, silver, zinc, iron, and tungsten. The accumulated value of nonmetals produced during 1978 increased to an estimated \$89 million, a 14 percent increase over 1977. Increases in the value of production for barite, clays, limestone, sand and gravel, stone, talc, cement, peat, pumice, and phosphate rock were noted, and decreases in the value of production for fluorspar, gypsum, and vermiculite. The estimated value of mineral fuels produced during 1978 was \$475 million, a decrease of less than one percent compared to 1977.

Montana's metal resources are of a great economic importance to the state, and exploration is relatively active. Copper, silver, nickel, and molybdenum deposits have been explored near Troy, Lincoln, Flathead Lake, Stillwater Complex near Red Lodge, Butte, Superior, and the Neihart-Hughesville areas. Gold resources are being explored in the Landusky-Zortman areas, the Elkhorn district near Boulder, at Cooke City, and the Golden Sunlight deposit near Whitehall. Gold, tungsten, and arsenic resources are being investigated in the Jardine district and in the East Pioneer and Flint Creek ranges in Beaverhead, Deer Lodge, and Granite Counties. Iron, platinum group, and chromium resources are of significance in the Stillwater Complex and are under study. Large resources of zinc and some lead and silver are known in the Butte district.

The Montana Department of State Lands has issued a hard-rock operating permit to ASARCO, Inc., for its Troy Project, a proposed underground copper and silver mine and related ore-processing facilities. The ore deposit is estimated at 64 million tons containing 0.74 percent copper and 1.54 ounces of silver per ton.

Resources and reserves of most nonmetals are available over a short term. Exploration is under way to increase the reserve and resource base for talc in Madison and Beaverhead Counties; for bentonite in Carter, Big Horn, Carbon, Yellowstone, Treasure, Judith Basin, Fergus, Petroleum, Blaine, Phillips, and Valley Counties; for vermiculite in Lincoln and Ravalli Counties; for gypsum in Fergus and Judith Basin Counties; for barite in Ravalli, Missoula, Lincoln, and Mineral Counties; for silica in Jefferson and Deer Lodge Counties; and for potash in Sheridan, Daniels, and Richland Counties.

Mineral fuels are available in Montana, especially coal. Exploration for mineral fuels is at a relatively high rate, and this trend is expected to continue.

Value of products from plants processing mineral raw materials, i.e., aluminum, copper, and petroleum refining, lead-silver smelting, coal-fired electric-generating plants, is estimated to be about \$1.7 billion.

TABLE 1. Mineral production in Montana 1/

Mineral	1977		1978 P/	
	Quantity	Value (thousands)	Quantity	Value (thousands)
Antimony-----	164	\$663	W	W
Clays-----	224	3,557	237	\$4,006
Coal (bituminous)-----	2/	2/	2/	2/
Coal (recoverable content of ores, etc.)-----	86,203	115,167	76,320	101,200
Gem stones-----	NA	100	NA	110
Gold (recoverable content of ores, etc.)-----	22,348	3,314	18,510	3,567
Lead (recoverable content of ores, etc.)-----	106	65	140	95
Lime-----	223	7,705	227	8,342
Natural gas-----	46,819	33,663	2/	2/
Petroleum (crude)-----	32,680	280,470	2/	2/
Pumice-----	5	7	--	--
Sand and gravel-----	4,867	10,421	5,000	11,000
Silver (recoverable content of ores, etc.)-----	3,367	15,558	2,805	15,149
Stone:				
Crushed-----	3,680	7,923	3,900	8,370
Dimension-----	3	114	3	121
Talc-----	226	2,947	280	6,037
Zinc (recoverable content of ores, etc.)-----	79	54	55	34
Combined value of barite, cement (masonry and portland), fluorspar (1977), gypsum, iron ore, natural gas liquids, peat, phosphate rock, tungsten ore, vermiculite, and items indicated by symbol W-----	XX	47,893	XX	51,737
Total-----	XX	3/529,621	XX	3/209,768

P/ Preliminary. NA Not available. W Withheld to avoid disclosing individual company confidential data; included in "Combined value" figure. XX Not applicable.

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

2/ These data now collected by Department of Energy; not available at the time this table was prepared.

3/ Incomplete total, excludes bituminous coal for 1977 and bituminous coal, natural gas, natural gas liquids, and petroleum for 1978.

TABLE 2. Estimated mineral fuels production in Montana not included in Table 1. I/

Mineral fuels	1977		1978 <u>P/</u>	
	Quantity	Value (thousands)	Quantity	Value (thousands)
Coal (bituminous) ----- thousand short tons -----	27,393	161,619	26,400	158,000
Petroleum (crude) ----- thousand 42 - gallon barrels -----	--	--	30,200	280,250
Natural gas ----- million cubic feet -----	--	--	44,860	35,390
Natural gas liquids ----- thousand 42 - gallon barrels -----	--	--	425	2,316
Total -----	XX	161,619	XX	475,956

P/ Preliminary. XX Not applicable.

I/ Data derived from state sources.

## 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, and U, unknown.

## BEAVERHEAD COUNTY

Blackstone 1 and 2	I	1976
Browns Lake	I	1977
Cottontail	I	1976
Ferdinand	I	1978
Goldsmith	I	1976
Greenstone	I	1978
Leadville	I	1977
Maiden Creek Copper	I	1977
McCarthy (Deadwood)	I	1978
New Departure	I	1977
Peat Lease	U	1977
Peterson deposit	I	1978
Queen of the Hills	I	1977
Rena	I	1977

## BIG HORN COUNTY

Rosebud Tongue River	I	1978
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## BROADWATER COUNTY

Big Deal	I	1978
Garnet	U	1977
Lupine	I	1977
Rainbows End	U	1976
Ruby Silver	I	1976

## CASCADE COUNTY

Bull of the Woods	I	1976
Morning Star	I	1976
Ponderosa	U	1978

## DEER LODGE COUNTY

Alturas	I	1976
Cottonwood	U	1977
Luke Silica quarry	I	1976
Minnehaha and Horseshoe	U	1978
Silver Reef	U	1977

## GRANITE COUNTY

Black Pine tailings	I	1978
Brooklyn and D. G.	U	1977
Confident, Radar, Castle 1 and 2 placer	U	1978

## GRANITE COUNTY--Continued

Hatta and Magnet	I	1976
Holly No. 1	I	1976
Moonlight	I	1976
Mountain Boy	U	1978
Wolverine placer	I	1978

## JEFFERSON COUNTY

Bear Gulch	U	1977
Bullion	U	1977
Carla, Pauline, and Faith	I	1976
Edelweiss	I	1976
Klondyke	I	1976
Jib (Hope-Katie)	I	1978
Klondyke	I	1976
Lotta	I	1977
New Stake	I	1978
Pilot	I	1976
Redemption	I	1977
Relief	I	1978
Robert Emmett	I	1977
South View	I	1978
Vera and Marie	U	1977
Vicki placer	U	1976

## JUDITH BASIN COUNTY

Cape Nome	U	1977
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## LEWIS AND CLARK COUNTY

American Boy (North Gould Group)	U	1978
Copper Bowl	I	1976
Lincoln View	U	1976
Oro Fino	I	1976
Stemple and Jay Gould	U	1977

## LINCOLN COUNTY

Snowshoe	U	1978
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## MADISON COUNTY

Alabah	I	1977
Beverly	I	1977
Big Tom	I	1977

## SUPPLEMENTAL LIST OF MINING ENTERPRISES--Continued

## MADISON COUNTY--Continued

Forks	U	1977
Frida Marie	U	1977
Hidden Treasure	U	1978
Hill Top	U	1977
Johnson Moffet	I	1977
Jumper claims	U	1978
Smuggler	U	1977
Snow Cap	U	1976
Surprise Claims	U	1976
Sweetwater	I	1978
Union	I	1978

## MEAGHER COUNTY

Stuart	I	1977
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## MINERAL COUNTY

Black Traveler and Buloring	I	1978
Bryan	I	1976
Minnick	I	1978
Oregon Creek placer	I	1978
Silver Creek	I	1977
Spitfire	U	1976

## MISSOULA COUNTY

San Martina	U	1976
Sweet Bye and Bye	I	1978

## MUSSELSHELL COUNTY

Consolidation	I	1976
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## PARK COUNTY

DMH	I	1978
Pete Pear	I	1977

## PHILLIPS COUNTY

U.S. Exploration	U	1976
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## POWELL COUNTY

Hard Luck	U	1977
Leprechaun placer	U	1977
Nelson and Dan 1 and 2	I	1976
Old Shoe No. 1 placer	U	1976
Sunrise	U	1976
Wolverine	U	1976

## RAVALLI COUNTY

Logger (Bugle Ridge)	U	1977
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## SANDERS COUNTY

Broken Hill	I	1976
Fishtrap quarries	U	1978
Golden Roc	I	1976
Holliday	I	1976

## SILVER BOW COUNTY

Carver tailings	I	1976
Climax (Apex) Lode	I	1978
Fish Creek	I	1978
Gavin placer	I	1978
Mountain Con	I	1978

## LIST OF NEW MINING COMPANIES INCORPORATED IN MONTANA IN 1978

## ANVIL MINING CORPORATION

January 5, 1978  
William T. Neal  
127 North Pacific Street, Dillon, MT 59725

## GENE A. SCHNEIDT DRILLINGS, INC.

August 16, 1978  
Gene A. Schneidt  
722 4th St., N.E., P. O. Box 188, Sidney, MT 59270

## GEX RESOURCES INC.

July 6, 1978  
Donald L. Ostrem  
400 First National Bank Bldg., Great Falls, MT 59401

## GOLD BAR, INC.

August 30, 1978  
Anthony C. Sorrento  
P. O. Box 32, Virginia City, MT 59755

GYPSY-HIGHVIEW GATHERING SYSTEM  
(G-HGS), INC.

May 10, 1978  
Joseph V. Montalban  
33 1st Avenue S.W., Cut Bank, MT 59427

## KELLOGG, INC.

November 8, 1978  
Ward Swanser  
200 Securities Building, Billings, MT 59101

## LEED, INC.

March 22, 1978  
Robert J. Holland  
2101 Harrison Avenue, Butte, MT 59701

## MON-DAK MINING &amp; ENERGY, INC.

September 25, 1978  
Ned L. Miller  
1004 Division, Billings, MT 59101

## NORTH AMERICAN MINING COMPANY

September 18, 1978  
Scott J. Stevens  
240 Cumberland, Lolo, MT 59847

## R &amp; D MINERALS

November 28, 1978  
Robert L. Delaney  
1701 Stephens Ave., Missoula, MT 59801

## SAND CREEK MINING CO.

March 31, 1978  
Donald K. Morse  
2326 Hennesta Drive, Billings, MT 59102

## SKY RESOURCES, INC.

January 30, 1978  
William L. Romine  
320 E. 6th Ave., P. O. Box 1691, Helena, MT 59601

## TERRA FIRMA CORP.

April 17, 1978  
Robert St. George  
312 W. Second Street, Butte, MT 59701

## VOELCKER, INC.

October 4, 1978  
Terry B. Cosgrove  
350 North Last Chance Gulch, Helena, MT 59601

## YELLOWSTONE RESOURCES, INC.

April 6, 1978  
Wayne E. Stephens  
Route 1, Huntley, MT 59037

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Nelson, Bernie E.....	11	Pikes Peak (Emery Ridge) lease.....	29
Nevin, Barbara.....	26	Pineau placer.....	23
Nevin, Robert C.....	26	Placer Amex, Inc.....	9
New Bald Eagle mine.....	9	Placer fire clay pit.....	26
New Morning mine.....	9	Plymale, Wayne.....	14
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New Valley Forge mine.....	11	Poggeman, George H.....	22
Newman, Dave R.....	17	Polaris mine.....	3
Nicolls, Roy E.....	5	Potter, J.....	20
Nolte, Robert.....	26	Pryor Mountain Stone Co.....	31
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Reber, Duane L.....	24	Sand Creek Mining Co.....	41
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Rex Land Co.....	3	Schreiner mine.....	5
Reynolds, P. J.....	23	Schreiner, Warren.....	4
Rhoades, James A.....	9	Semsak, Arthur.....	3
Rhoades mine.....	9	Setter mine.....	10
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Rich-Mich placer.....	23	Sharak, E. W., and others.....	20, 21
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Riverside Mining Corp.....	12	Shepherd, R. M.....	24
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Romerio Co.....	9	Silver Dyke mine.....	5
Rosebud mine.....	35	Silver King mine.....	8
Rothfus, John.....	8	Silver Queen Exploration Ltd.....	3
Ruby Gulch mine.....	17	Silver Queen mine.....	3
Ruby No. 1 and 2 mine.....	33	Simon, Ken.....	15
Ruby Ridge group (Willow Creek mine).....	33	Sitton, Arthur W.....	20
Rumley mine.....	9	Skookum placer.....	22
Runyon, C. R.....	23	Sky mine.....	11
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Skyline mine.....	31	Tintinger, Carl A.....	10, 11
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Stauffer Chemical Co.....	30	U.S. Grant mine.....	14
Stemwinder placer.....	23	U.S. Gypsum Co.....	27
Steward mine.....	20	Valley View mine.....	4
Stewart, Blair W.....	29	Venture Mining Corp.....	23
Stimps, J. R.....	11	Viking Exploration, Inc.....	6
Stocks, Ivan.....	17	Violet group.....	18
Stoick, James J.....	22	Virginia City Mining and Development Co.....	22
Storm King pit.....	34	Virginia Gulch mine.....	3
Stratton, Howard.....	19, 20	Voelcker, Inc.....	41
Stratton mine.....	20	Voldseth, George.....	14
Streak of Luck, Sunnyside group.....	10	Volker, Albert E.....	30
Strong, D. A.....	32	Voss, Carl.....	14
Summit mine.....	10	Voss mine.....	14
Summit (Old Summit) and Blackhawk mine.....	5	Vulture mine.....	5
Sunnyside, Streak of Luck group.....	10	Waldbillig, Joe.....	16
Sunrise Creek placer.....	23	Waldbillig mine.....	16
Sunrise Silver Mines.....	15	Waldbillig, O. R.....	16
Super-Lite Products.....	30	Walkup, Ben.....	7
Surprise stone quarry.....	32	War Eagle mine.....	6
Swallow, Irma M.....	26	Ward Development Co.....	16
Swallow, James L.....	26	Ward lode mine.....	16
Swamp Frog mine.....	22	Warm Springs Creek quarry.....	28
Sylvia mine.....	3	Warm Springs mine.....	29
Taft, Lionel C.....	17	Warren quarry.....	27
Tamarack (Broadgauge) mine.....	13	Watseca mine.....	14
Tawney (Goldbug) mine.....	15	Waylett, J. L.....	15
Telstar group.....	3	Wegener Mining Co.....	9
Terra Firma Corp.....	41	West Decker mine.....	34
Terrible placer.....	23	West Flathead and Flathead mine.....	6
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Thayer, Lyman.....	5	Western Mining & Exploration Co.....	3
Thexton, Bill, Mr. and Mrs.....	12	Western Silver Development Co.....	15
Third Term mine.....	18	Western Vermiculite Co.....	33
Thomas, James L.....	13	Western Vermiculite group.....	33
Tibbetts mine.....	18		
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Westmoreland Resources.....	34	Woods Creek copper mine.....	18
Wharf Resources.....	17	Wright, Victor D.....	31
White (Glengarry) claims.....	16	Wright, Victor D., and others.....	23, 31
White, Harriet.....	16	Wrong Font group.....	20
White Lime group.....	27		
Wiggins mine.....	11	Yellowstone (Cameron) mine (Madison Co.).....	33
Willow Creek mine (Ruby Ridge group).....	33	Yellowstone mine (Meagher Co.).....	14
Wilson, Horace.....	8, 22	Yellowstone Resources, Inc.....	41
Wind and Frederick groups.....	18	Your Name placer.....	23
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Winnetka Trust group.....	14	Zonolite mine.....	33
Wisman, Bill.....	4	Zortman Mining, Inc.....	17
Wog, Jeff, and Circle 8 groups.....	19	Zubick Estate.....	14
Woodley, Delbert.....	18	Zubick, Mike.....	14



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)
12. Dillon (Armstead)
13. Dillon (Carter Creek) (Frying Pan Basin)
14. Elkhorn (Coolidge)
15. Elkhorn (Wise River)
16. Horse Prairie
17. Jake Creek
18. Lost Creek (Brown's Lake) (Rock Creek)
19. Medicine Lodge
20. Monida
21. Mount Torrey
22. Niccolia
23. Nogo (Apex)
24. Pioneer
25. Polaris (Lost Cloud)
26. Ruby
27. Saginaw (Jackson)
28. Utopia (Birch Creek)
29. Vipond
30. Wisdom (Big Hole)

Blaine County, A-8

29. Bearpaw

Broadwater County, C-5

30. Confederate Gulch (Baker) (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. Aihambra (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

92. Elmo (Chief Cliff)

Lewis and Clark County, B-4

94. Austin (Greenhorn)
95. Blue Cloud
96. Gould-Stemple (Fool Hen) (Poorman)
97. Haddleston (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 (Wilmah)
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) (Pamshorn)
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) (Saltese)

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. Crevasse

151. Emigrant (Chico)
152. Horseshoe
153. Jardine (Bear Gulch) (Sheepeater)
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) (Mineral Point)
167. Pleasant View
168. Slate Creek
169. Three Mile

Sanders County, B-1

171. Blue Creek (Heron)
172. Camas Prairie (Perma)
173. Plains
174. Prospect Creek
175. Revaix Creek (Dixon)
176. Sleepy 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. Fleecer 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	Weldon-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).

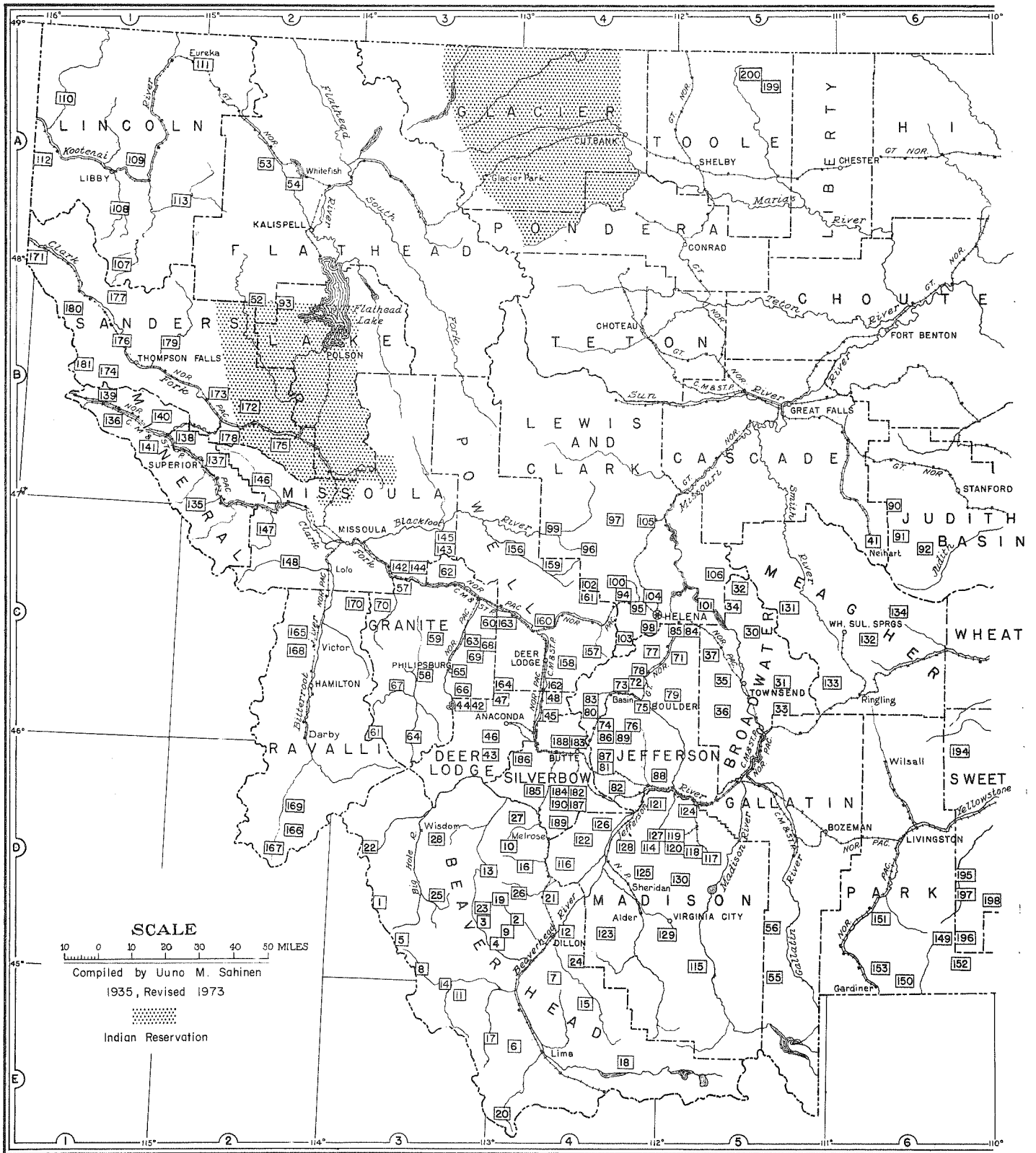
By Robert E. Matson

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

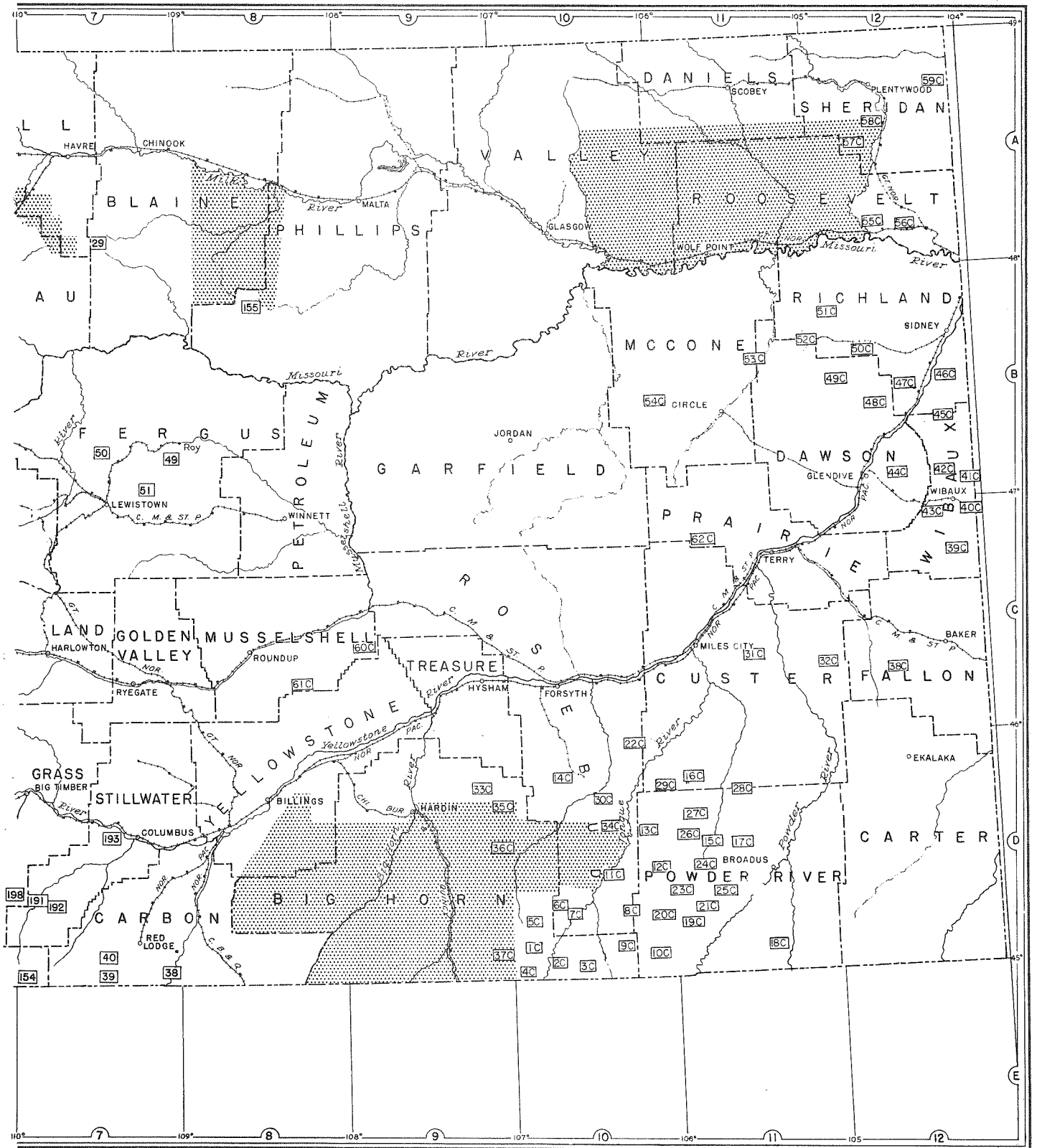
"This act shall apply to all mines (except coal and lignite) and individuals, owners, lessors, lessees, agents, partnerships, corporations, managers, operators, or employers operating any surface or underground metal or nonmetallic mines in this state. These individuals, owners, lessors, lessees, agents, 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

