

**MAP SHOWING THE LOCATION OF PRODUCTIVE  
LODE AND PLACER GOLD MINES IN MONTANA**

By

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**INTRODUCTION**

This pamphlet contains tabular information keyed to the accompanying map. Table 1 lists site names numerically keyed to the map; sites are organized by county and numbered consecutively by mining district within each county. Site numbers were assigned geographically by county with the intention of making it as easy as possible to find a particular number on the map after the site name and number have been identified in table 1. The site name listed is the one that seemed to be most commonly used and is usually the name of a mine (for lodes) or a creek or gulch (for placers). In some cases, the name is that of a claim, a group of claims, or, rarely, an exploration project. For simplicity, most of the descriptive terms by which the sites listed in table 1 have variously been known have been dropped from the list (such as "mine," "lode," "shaft," "tunnel," "deposit," "incline," "fraction," and so on.) In a few cases, the descriptive "placer," "group," "property," "dredge workings," or "prospect," label has been retained for clarity, to avoid duplication, or because the term is an integral part of the site name. Synonymous names are listed where they are known, as are the names of properties whose production was lumped with that of the property listed under "Site name."

Metals and other commodities known to be present are listed in table 1 in approximate order of decreasing economic importance. Several different sources were used to determine what commodities were present including descriptions and analyses in the literature, production and grade figures, and unpublished U.S. Geological Survey chemical analyses and mineral identifications. For some small mines, and for some

mines that ceased production long ago, the list of commodities present is likely incomplete. For lode mines having recorded production, not all the commodities listed were necessarily recovered—some may be minor elements that are listed because they record the geochemical signature of the deposit. Industrial commodities, however (like silicon or abrasive sand), are listed only when they were produced. Silver is listed as a commodity along with gold for all placer mines because we are confident that silver was produced and, eventually, refined, even from those placer deposits whose gold was of high fineness.

Host rock type as given in table 1 is that from which the gold or gold-bearing minerals were extracted (for disseminated, stockwork, exhalative, breccia pipe, and placer deposits) or the rock surrounding the gold-bearing material (for vein, replacement, and skarn deposits). An entry is included under "Associated igneous rocks" if there is a close spatial relationship between the host rock and an igneous body (or bodies) or some other reason to suspect a genetic relationship between the igneous rock and ore. If the host rock is an igneous rock and no other igneous rock is present, the rock name or names listed under "Host rock type" are repeated under "Associated igneous rocks." Most of the lithologic terms used are taken from the literature, and therefore the rigor of the terminology used reflects the source of the information. Rock names may be based on detailed petrographic study, geochemistry, or field descriptions of any degree of precision. We did try, however, to use the most accurate description available.

Locations are listed in table 1 to the nearest second of latitude and longitude. Mine locations were either digitized or manually interpolated from the largest scale map available at the time the work was done,

usually the standard edition U.S. Geological Survey 1:24,000-scale topographic quadrangles. Where 1:24,000 maps have not yet been published or have been published only as the Provisional Edition, 1:62,500-scale maps were used.

Table 1 lists a maximum of five sources of data for any property. The references listed as sources of data may not, therefore, constitute a complete list of sources. Where possible, we tried to include at least one recent reference that would allow a reader to compile a more complete list if desired.

Table 2 lists both primary site names and synonymous names alphabetically and gives the site number for each so the information may be cross referenced to either the map or table 1. Primary names (those names listed as site names in table 1) are followed by "(L)" for "lode deposits" or "(P)" for "placer deposits." Other names are synonyms from the second column, table 1. Where production from more than one mine is designated by a single location symbol on the map, the names of the other mines are included in this index even though they are not true synonyms (for example, the symbol denoting the Zortman open pit mine includes historic production from the Ruby, Mint, Alabama, and other underground mines worked in the 19th and early 20th centuries). Site names like "Lower Prickly Pear Creek" are listed under both "Lower" and "Prickly," but variant spellings that would cause no confusion during an alphabetical search (for example "Nine Mile" vs. "Ninemile") are listed only once if there is only one Nine Mile mine. Duplicate names or names that might be easily confused (like the Blue Bird mine in Jefferson County and the Bluebird mine in Madison

County) are followed by the name of the county to distinguish them or by the name of the mining district with which they were most commonly associated where duplicate names occur in the same county.

The designation "creek" and "gulch" should be considered synonyms in table 2. Many narrow, deep canyons that were called gulches in the geologic literature of the 1800's and early 1900's are shown as creeks on modern topographic maps. We have in most cases followed the terminology used by Lyden (1948) and have not included all possible variations of the same name in the index (for example "Henderson Creek," "Henderson Gulch," "Henderson placer," "Henderson Bar").

Table 3 lists the names of mining districts alphabetically and the site numbers for the deposits each district comprises. Although some mining districts were established formally and had well-defined boundaries, many districts exist only because the name was in common use by the local miners, merchants, and other inhabitants. Historically, the term "mining district" has been used rather loosely, the boundaries of most districts are ill-defined, and the names of the districts have changed over time. The inclusion of any single locality within a specific district is in many cases a subjective decision. Table 3 lists district names that are or were commonly used in the geologic literature as well as a number of regions called "areas" that are used to group mines that lie outside of formally or informally established mining districts.

Table 4 lists the names of the counties alphabetically and the site numbers for the deposits within each county.

Table 1.--Gold mines in Montana

[Sites are plotted by site number on the map. (L), lode deposit; (P), placer deposit. Commodities are listed in approximate order of decreasing importance. Codes for commodities present and abbreviations for time terms are explained following this table. Numbers in the column entitled "Sources of data" are keyed to the list of references that also follows this table. --, no data or not applicable]

Site No. and name	Synonyms	Commodities	Host rock type (age)	Associated igneous rocks (age)	Latitude (north)	Longitude (west)	Sources of data
<b>Toole County:</b>							
1 Eclipse Gulch (P)	--	Au, Ag	Alluvium (Quat.)	--	48 52 00	111 23 00	86
<b>Flathead County:</b>							
2 Flathead (L)	Includes West Flathead	Ag, Pb, Au, Cu, Zn	Latite porphyry (Olig.)	Rhyolite, vitrophyre, latite, andesite (Olig.)	47 55 23	114 34 55	53, 61, 131
3 Ole Hill (L)	Hog Heaven project	Ag, Au	Volcaniclastics, latite, latite porphyry (Olig.)	Latite porphyry, rhyolite, andesite (Olig.)	47 55 26	114 36 01	53, 61
<b>Lincoln County:</b>							
4 Keystone and Goldflint (L)	Lincoln Mining Co., Haywire Mining Co., Morning Glory Mines, Inc.	Au, Ag, Pb, Cu	Quartzite, argillite (M. Prot.)	--	48 42 24	115 53 02	19, 61, 49, 132, 15
5 Evergreen placer (P)	Yaak (or Yahk) River; includes Fourth of July Creek	Au, Ag	Alluvium (Quat.)	--	48 42 04	115 51 58	19, 49
6 Snowstorm (L)	B & B	Ag, Pb, Zn, Au, Cu	Mafic dike (Prot.?)	--	48 25 58	115 59 24	61, 49
7 Glacier Silver-Lead (L)	Hazel T., Lukens-Hazel	Ag, Pb, Au	Sandstone, shale (M. Prot.)	--	48 18 15	115 35 46	61, 49
8 Libby Creek (P)	Libby, Snowshoe; includes Howard Creek, Bear Creek, Little Cherry Creek, and other tributaries	Au, Ag	Alluvium, glacial till (Quat.)	--	48 17 30	115 30 28	86, 68, 149, 128
9 Snowshoe (L)	Rustler	Ag, Pb, Au, Zn	Sandstone, limestone, calcareous shale, argillite (M. Prot.)	--	48 12 17	115 38 40	61, 49, 87
10 Midas (L)	Includes Rose Consolidated	Au, W	Argillite, siltstone, limestone, quartzite (M. Prot.)	--	48 04 56	115 30 36	61, 49

Site No. and name	Synonyms	Commodities	Host rock type (age)	Associated igneous rocks (age)	Latitude (north)	Longitude (west)	Sources of data
Lincoln County--Continued:							
11 Gloria (L)	Little Annie, Golden West Mining Co.	Au, Pb, Zn	Sandstone, sandy argillite (M. Prot.)	--	48 03 47	115 34 44	61, 49
12 American Kootenai (L)	--	Au	Sandstone (M. Prot.)	--	48 03 02	115 32 40	61, 49, 16, 18, 156
13 Jumbo Group (L)	Blacktail, Tip Top, New Deal; includes Union Group (or Union Lode) and Hannegan (or Libby)	Au, Ag	Argillite (M. Prot.)	--	48 02 43	115 32 17	61, 49
14 Branagan (L)	Branigan, Fisher Creek	Au	Argillite (M. Prot.)	--	48 02 24	115 31 58	61, 49, 17, 18
Sanders County:							
15 Jack Waite (L)	--	Pb, Zn, Cu, Ag, Au	Argillite, quartzite (M. Prot.)	--	47 39 48	115 43 13	25, 59
16 Drake (L)	Green Mountain, Trade Dollar, Dixon, Eagle	Cu, Au, Ag, Pt, Pd, Pb	Quartzite and shaly quartzite (M. Prot.)	Hornblende gabbro (unknown)	47 16 02	114 24 17	25, 56
Mineral County:							
17 Cedar Creek, Oregon Gulch, and tributaries (P)	Includes Snowshoe Gulch	Au, Ag	Alluvium (Quat.)	--	47 08 36	114 58 03	86, 149, 119
18 Deep Creek (P)	--	Au, Ag	Alluvium (Quat.)	--	47 03 09	114 58 16	86
19 Trout Creek (P)	--	Au, Ag	Alluvium (Quat.)	--	47 01 41	114 58 21	86
20 Windfall Creek (P)	--	Au, Ag	Alluvium (Quat.)	--	47 02 11	114 55 18	149, 119, 2
21 Quartz Creek and Tucker Gulch (P)	--	Au, Ag	Alluvium (Quat.)	--	47 00 39	114 49 01	86, 149
Missoula County:							
22 Nine Mile and San Martina (L)	--	Au, Ag	Argillite (Prot.)	--	47 12 57	114 39 20	123
23 Housum placer (P)	--	Au, Ag	Glacial till, glacial moraine, alluvium (Quat.)	--	47 12 31	114 37 24	86, 149
24 Josephine Creek (P)	--	Au, Ag	Glacial till, glacial moraine, alluvium (Quat.)	--	47 09 49	114 31 00	86, 149

Site No. and name	Synonyms	Commodities	Host rock type (age)	Associated igneous rocks (age)	Latitude (north)	Longitude (west)	Sources of data
<b>Missoula County--Continued:</b>							
25 McCormick Creek (P)	--	Au, Ag	Glacial till, glacial moraine, alluvium (Quat.)	--	47 08 55	114 29 45	86, 149
26 Ninemile Creek and tributaries (P)	Includes production from St. Louis Gulch, Eustache Gulch, Pine Creek, Marion Creek, and Dry Gulch	Au, Ag	Glacial till, glacial moraine, alluvium (Quat.)	--	47 08 00	114 30 45	86, 149, 68, 148, 123
27 Elk Creek (P)	--	Au, Ag	Alluvium (Quat.)	--	46 53 38	113 23 05	149, 86, 68, 38
28 Rambler (L)	Valley, Crystal Springs, Clemantha, Cato	Au, Ag, Cu, Sb, As, Mo, Pb	Granodiorite (L. Cret.)	Granodiorite (L. Cret.)	46 50 45	113 22 55	35, 100, 123, 73
29 Mammoth (L)	--	Au, Ag, Cu, Sb, Pb	Limestone (Camb.)	Granodiorite (L. Cret.)	46 50 33	113 22 57	30, 35, 100, 109, 123
30 McGinnis Creek (P)	Includes Melhorn Gulch and Washoe Creek	Au, Ag	Alluvium (Quat.)	--	46 50 41	113 22 43	86, 149, 38
<b>Ravalli County:</b>							
31 Eightmile Creek (P)	--	Au, Ag	Alluvium (Quat.)	--	46 39 05	113 56 05	86, 38
32 Curlew (L)	Elizabeth, Pauline	Zn, Pb, Ag, Au, Cu	Unknown (Prot.?)	--	46 27 18	114 11 02	123, 75, 54
33 Hughes Creek (P)	Includes Wood placer	Au, Ag	Undifferentiated sedimentary deposits (Quat., Tert.?)	--	45 36 53	114 08 24	149, 86
<b>Beaverhead County:</b>							
34 Star & Star Extension (L)	--	Au, Ag, Cu, Pb, Zn	Quartzite (M. Prot.)	Tonalite (Cret.)	45 47 22	113 01 38	47
35 Lone Pine (L)	Quartz Hill, Jay Hawk, Argyle	Ag, Cu, Pb, Zn, Au	Dolomite (Camb.)	Granodiorite (Cret.)	45 42 56	112 53 48	144, 47, 125
36 Lion Mountain (L)	--	Ag, Pb, Zn, Cu, Au	Dolomite (Camb., Dev.)	Granodiorite (Cret.)	45 36 16	112 55 52	63, 125, 47
37 Cleve-Avon (L)	--	Ag, Pb, Au,	Dolomite (Dev., Camb.?)	Granodiorite (Cret.)	45 36 18	112 54 46	63, 47, 162
38 Trapper (L)	--	Pb, Ag, Au, Cu, Zn	Dolomite (Camb.)	Granodiorite (Cret.)	45 35 46	112 54 50	63, 47
39 Elkhorn (L)	Boston and Montana	Ag, Cu, Pb, Mo, Au	Granodiorite (Cret.)	Granodiorite (Cret.)	45 29 24	113 02 20	125, 162, 47

Site No. and name	Synonyms	Commodities	Host rock type (age)	Associated igneous rocks (age)	Latitude (north)	Longitude (west)	Sources of data
<b>Beaverhead County—Continued:</b>							
40 Ajax (L)	--	Au, Pb, Ag, Cu	Quartzite (M. Prot.)	Diorite (unknown)	45 19 25	113 43 26	125, 47
41 French and Watson Gulches (P)	--	Au, Ag	Alluvium (Quat.)	--	45 21 00	112 54 05	86, 149
42 Yellow Band (L)	Shafer	Au, Ag, Cu, Pb, Zn	Dolomite (Dev.)	Andesite, latite porphyry (unknown)	45 20 06	112 54 15	47
43 Golden Era (L)	--	Au, Ag, Pb	Argillite (M. Prot.)	Granodiorite (Cret.)	45 19 05	112 53 07	125, 130, 47
44 Mayday (L)	--	Au, Pb, Ag, Zn, Cu	Argillite (M. Prot.)	Granodiorite (Cret.)	45 19 10	112 52 27	47
45 Rena (L)	--	Pb, Zn, Au, Ag, Cu	Argillite (M. Prot.)	Granodiorite (Cret.)	45 18 51	112 52 58	125
46 Groundhog (L)	--	Au, Pb, Ag	Limestone (Camb.)	Granodiorite (Cret.)	45 18 49	112 52 37	130
47 Tuscarora (L)	Includes Governor Tilden	Pb, Ag, Au, Zn, Cu	Dolomite (Dev.)	Granodiorite (Cret.)	45 18 47	112 52 19	125, 130, 47
48 Goldfinch (L)	--	Au, Pb, Ag, Cu, Zn	Argillite (M. Prot.)	Granodiorite (Cret.)	45 18 28	112 53 59	125, 47
49 Sylvia (L)	--	Pb, Ag, Au, Zn, Cu	Quartzite (Camb.)	Granodiorite (Cret.)	45 18 19	112 53 28	47
50 Midnight (L)	--	Pb, Ag, Au, Cu	Argillite (M. Prot.)	Granodiorite (Cret.)	45 18 25	112 53 08	162, 130, 47
51 Hand (L)	--	Pb, Ag, Cu, Zn, Au	Limestone (Miss.)	Granodiorite (Cret.)	45 17 12	112 51 53	125, 130, 47
52 Rattlesnake Creek (P)	--	Au, Ag	Alluvium (Quat.)	--	45 16 50	112 51 30	86, 149
53 Ermont (L)	--	Au, Ag Cu	Limestone (Miss.)	Porphyritic andesite (Cret.)	45 15 58	112 54 51	47, 125
54 Grasshopper Creek (P)	Bannack placers; includes Bon Accord placer	Au, Ag	Undifferentiated sedimentary deposits (Quat., Tert.)	--	45 09 10	112 58 30	86, 68, 149
55 Gold Bug (L)	Includes Blue Grass and Dakota	Au, Ag, Cu, Pb	Limestone (Miss.)	Granodiorite (Cret.)	45 09 34	112 58 30	47, 130
56 Hendricks (L)	Graeter	Au, Ag, Cu, Pb	Limestone (Miss)	Granodiorite (Cret.)	45 09 20	112 59 45	47, 130
57 Golden Leaf (L)	Sleeping Princess	Au, Ag, Cu, Pb, Zn	Limestone (Miss.)	Granodiorite (Cret.)	45 09 19	112 59 05	130, 47, 162
58 Excelsior (L)	--	Au, Ag, Cu	Limestone (Miss.)	Granodiorite (Cret.)	45 08 58	112 58 42	47, 162, 130
59 Jeff Davis Gulch (P)	Horse Prairie, Chinatown, Colorado Gulch	Au, Ag	Alluvium (Quat.)	--	44 53 30	113 12 37	86, 149
<b>Madison County:</b>							
60 Barton Creek (P)	Mining Creek	Au, Ag	Alluvium (Quat.)	--	45 12 50	112 04 21	86, 149
61 Oro Cache (L)	--	Au	Gneiss (Arch.)	--	45 12 30	111 55 15	162

Site No. and name	Synonyms	Commodities	Host rock type (age)	Associated igneous rocks (age)	Latitude (north)	Longitude (west)	Sources of data
Madison County--Continued:							
62 Kearsarge (L)	--	Au, Ag	Gneiss (Arch.)	--	45 13 01	111 55 50	162, 143
63 Marietta (L)	Greenback	Ag Au	Aplite, gneiss (Arch.?)	--	45 13 02	111 57 37	143, 149
64 Bartlett (L)	--	Au	Gneiss (Arch.)	--	45 13 45	111 55 45	148
65 High Up (L)	--	Au	Gneiss (Arch.)	--	45 13 30	111 57 05	143, 148
66 Easton-Pacific (L)	--	Au, Ag	Aplite (Arch.)	--	45 13 54	111 57 35	162, 143, 149
67 Apex (L)	--	Au	Unknown (unknown)	--	45 14 22	111 58 27	148
68 Winnetka (L)	--	Au, Ag, Zn	Gneiss (Arch.)	--	45 15 12	111 54 40	143, 82, 149
69 St. John (L)	--	Au	Gneiss (Arch.)	--	45 15 16	111 54 45	162, 148
70 Mountain Flower (L)	Mountain Chief	Au	Gneiss (Arch.)	--	45 15 37	111 59 37	143, 148
71 Homestake and Blackrock (L)	Homestake, Black Rock	Au	Gneiss (Arch.)	--	45 16 20	111 57 20	82, 143, 148
72 El Fleeda (L)	El Fleeda	Au	Gneiss (Arch.)	--	45 16 32	111 56 59	143, 148
73 Cornucopia (L)	Includes Cabin Lode	Au, Ag	Gneiss (Arch.)	--	45 16 45	111 56 44	148
74 Alameda (L)	Includes Bamboo Chief	Au, Ag	Gneiss (Arch.)	--	45 16 54	111 57 29	162, 143, 148
75 U.S. Grant (L)	--	Au, Ag	Gneiss (Arch.)	--	45 16 55	111 56 28	162, 143
76 Prospect (L)	--	Au, Ag	Gneiss (Arch.)	--	45 17 22	111 57 48	143, 148
77 Alder Gulch (P)	Virginia City; includes Browns Gulch and other tributaries	Au, Ag	Alluvium (Quat.)	--	45 19 26	112 00 06	86, 41
78 Mapleton (L)	Includes East Mapleton	Au	Gneiss (Arch.)	--	45 19 30	111 58 18	143, 148
79 Missouri-McKee (L)	McKee, George McKee	Au, Ag	Gneiss (Arch.)	Andesite porphyry (Cret.?)	45 27 13	111 52 56	143, 149, 148
80 Lehigh (L)	Aurora Creek mine	Au	Gneiss (Arch.)	Granitic and aplite dikes (Cret.)	45 29 47	111 50 33	82, 162, 148
81 North Meadow Creek (P)	Includes Hogum Gulch, Parker Gulch, and Washington Creek (Washington Bar)	Au, Ag	Alluvium (Quat.)	--	45 30 45	111 49 15	86
82 Revenue (L)	Monitor-Revenue	Au, Ag	Quartz monzonite (Cret.)	Quartz monzonite (Cret.)	45 32 04	111 46 15	143, 162, 149
83 Lexington (Norris district) (L)	--	Au, Ag	Quartz monzonite (Cret.)	Quartz monzonite (Cret.)	45 32 10	111 46 00	148

Site No. and name	Synonyms	Commodities	Host rock type (age)	Associated igneous rocks (age)	Latitude (north)	Longitude (west)	Sources of data
Madison County--Continued:							
84 Galena (L)	--	Au, Ag	Quartz monzonite (Cret.)	Quartz monzonite, leucocratic monzonite (Cret.)	45 33 48	111 46 02	143, 162, 148
85 Madisonian (L)	--	Au, Ag, Cu, Pb	Quartz monzonite (Cret.)	Quartz monzonite (Cret.)	45 29 45	111 42 30	162, 82
86 Montana Boy (L)	Includes Grubstake	Au	Gneiss (Arch.)	Quartz monzonite (Cret.)	45 31 05	111 40 58	162, 82
87 Josephine (L)	--	Au, Ag	Gneiss (Arch.)	Quartz monzonite (Cret.)	45 33 32	111 39 25	143
88 Boaz (L)	--	Au, Ag	Gneiss (Arch.)	Quartz monzonite aplite (unknown)	45 33 37	111 39 16	143, 162, 149
89 Red Bluff (L)	--	Au	Gneiss (Arch.)	Quartz monzonite (Cret.)	45 34 47	111 38 49	143, 162
90 Birdie (L)	--	Au, Ag, Cu, Pb	Gneiss (Arch.)	Quartz monzonite (Cret.)	45 33 53	111 37 25	162, 148
91 Norwegian Creek (P)	--	Au, Ag	Alluvium (Quat.)	--	45 37 55	111 45 45	86
92 Norwegian (L)	--	Au	Quartz monzonite (Cret.)	Quartz monzonite (Cret.)	45 36 09	111 47 56	143, 82
93 Harris Creek (P)	Includes California Creek (tributary to Harris Creek)	Au, Ag	Alluvium (Quat.)	--	45 23 12	112 03 23	149, 86
94 Bivens Gulch (P)	Bivens Creek	Au, Ag	Alluvium (Quat.)	--	45 24 06	112 03 33	149, 86
95 Agitator-Concentrator (L)	--	Au, Ag	Marble (Arch.)	--	45 26 10	112 03 28	82, 143, 149
96 Goldschmidt (L)	Goldsmith, Steiner	Au, Ag, Mn	Marble (Arch.)	--	45 27 00	112 02 45	82
97 Smuggler (L)	Emma B	Au, Ag, Cu	Marble, gneiss (Arch.)	--	45 28 57	112 02 18	143
98 Broadgaug-Tamarack (L)	--	Au, Ag	Marble, gneiss (Arch.)	Quartz monzonite (Cret.)	45 28 52	112 07 49	143, 82, 14
99 Wisconsin Creek (P)	--	Au, Ag	Alluvium (Quat.)	--	45 30 10	112 10 10	149, 86
100 Red Pine (L)	--	Au, Ag, Cu, Pb	Marble (Arch.)	--	45 31 18	112 05 01	143, 82, 64, 14
101 Noble (L)	Company	Au, Ag, Cu, Zn	Marble (Arch.), trachyte, lamprophyre (Cret.?)	Quartz porphyry, trachyte, lamprophyre (Cret.?)	45 32 12	112 06 30	162, 143



Site No. and name	Synonyms	Commodities	Host rock type (age)	Associated igneous rocks (age)	Latitude (north)	Longitude (west)	Sources of data
<b>Madison County—Continued:</b>							
102 Leiter (L)	--	Au, Ag	Gneiss (Arch.)	--	45 33 02	112 06 50	162, 143
103 Lakeshore (L)	Gladstone	Au, Ag, Pb, Cu	Gneiss (Arch.)	Diorite (Cret.)	45 35 04	112 07 05	162, 143, 82
104 Fairview (L)	--	Au, Ag, Pb, Zn, Mn	Marble (Arch.)	Quartz monzonite (Cret.)	45 31 30	112 08 09	162, 143, 82
105 Cornrecker (L)	--	Au, Ag, Cu	Gneiss (Arch.)	--	45 32 20	112 12 22	60, 143, 82
106 Hawkeye (L)	--	Au, Ag, Pb, Zn	Limestone (Camb.)	--	45 32 48	112 12 12	82
107 High Ridge (L)	--	Au, Ag, Cu, Pb, Zn	Gneiss (Arch.), shale (Camb.)	--	45 32 32	112 11 53	60, 143, 162, 82
108 Crystal Lake (L)	Elenora, Sunbeam	Au, Ag, Pb	Gneiss (Arch.)	--	45 33 10	112 10 40	162, 143, 60
109 Carolina (L)	--	Au, Ag, Cu, Pb, Zn	Quartzite (Camb.)	--	45 33 17	112 11 15	60, 162
110 Lottie (L)	--	Au, Ag, Cu, Pb, Zn	Gneiss (Arch.)	Quartz monzonite (Cret.)	45 33 45	112 11 30	60
111 Richmond (L)	Includes Eagle and Hummingbird	Au, Ag, Cu, Pb, Zn	Sandstone, shale (Camb.)	Andesite, quartz monzonite (Cret.)	45 34 00	112 11 45	60
112 Bielenberg & Higgins (L)	B & H	Au	Quartz monzonite (Cret.)	Quartz monzonite (Cret.)	45 35 38	112 07 50	82, 143, 60
113 Ohio (L)	--	Au, Ag	Limestone (Camb.)	Syenite (Cret.)	45 38 05	112 09 20	99
114 Strawn (L)	--	Au, Ag	Limestone (Camb.)	Porphyry dikes (Cret.)	45 40 00	112 07 53	143, 60, 82, 99
115 Ridgeway (L)	Nicholson	Au, Ag, Cu, Pb	Tonalite (Cret.)	Tonalite (Cret.)	45 35 43	112 00 48	99
116 Mammoth (L)	--	Au, Ag, Cu	Gneiss (Arch.)	Granodiorite (Cret.)	45 40 02	112 00 47	162, 82, 143, 99
117 Atlantic and Pacific (L)	--	Au	Alaskite (Cret.)	Alaskite, tonalite (Cret.)	45 38 44	111 59 14	143, 162, 148
118 Ben Harrison Fraction (L)	--	Au, Ag	Tonalite (Cret.)	Tonalite (Cret.)	45 39 22	111 58 27	82
119 Boss Tweed-Clipper (L)	--	Au, Ag, Cu	Gneiss (Arch.)	Tonalite (Cret.)	45 39 50	111 57 23	143, 162
120 White Pine (L)	Pony	Au, Ag	Gneiss (Arch.)	Tonalite (Cret.)	45 40 03	111 57 10	162
121 Old Joe (L)	--	Au, Ag, Pb	Gneiss (Arch.)	Tonalite (Cret.)	45 39 20	111 57 01	143, 162
122 Strawberry-Keystone (L)	--	Au	Gneiss (Arch.)	Tonalite (Cret.)	45 39 50	111 56 09	149, 143, 162
123 Garnet (L)	--	Au, Ag, Pb	Tonalite (Cret.)	Tonalite (Cret.)	45 38 42	111 56 06	82, 143, 162
124 Mayflower (L)	Includes West Mayflower	Au, Ag	Limestone (Camb.)	Andesite and latite (Cret.)	45 47 38	112 00 00	162, 82, 143
125 Gold Hill (L)	Includes Gold Hill, Mary Ingaber, Bluebird, Surprise, Parrot	Au, Ag, Cu	Sandstone (M. Prot.)	Quartz monzonite (Cret.)	45 47 06	112 05 55	162, 109

Site No. and name	Synonyms	Commodities	Host rock type (age)	Associated igneous rocks (age)	Latitude (north)	Longitude (west)	Sources of data
Madison County--Continued:							
126 Broadway (L)	Includes Bowery, Delaware, Maryland, and Victoria	Au, Ag, Cu, Pb, Zn	Limestone (Camb.)	Granodiorite (Cret.)	45 41 47	112 18 50	162, 121, 45, 94
127 Hudson (L)	Includes Hudson, American, Ajax, Morning, Sample Orr	Au, Ag, Cu, Pb, Zn	Limestone (Camb.)	Granodiorite (Cret.)	45 41 40	112 18 37	162, 121, 45
128 Green Campbell (L)	--	Au, Ag, Cu	Gneiss (Arch.)	Granodiorite (Cret.)	45 41 45	112 19 55	45, 121
129 Aurora (L)	--	Au, Ag, Pb, Cu, Mn	Gneiss (Arch.)	Granodiorite (Cret.)	45 41 05	112 20 10	121
130 Iron Rod (L)	Golden Rod	Au, Ag, Cu, Pb	Gneiss (Arch.)	Granodiorite (Cret.)	45 39 17	112 19 45	45, 121, 162, 106
131 Watscca (L)	--	Au, Pb, Cu, Zn	Gneiss (Arch.)	Diorite, quartz monzonite (Cret.)	45 37 12	112 30 19	162, 121, 149
132 Hidden Treasure (L)	Bieber, Kieth	Au	Unknown (unknown)	Granodiorite (Cret.)	45 30 27	112 35 40	148
Silver Bow County:							
133 Moose Creek (P)	--	Au, Ag	Alluvium (Quat.)	--	45 42 02	112 44 05	86
134 Gold King (L)	--	Au, Ag, Cu, Pb	Limestone (Camb.)	Granodiorite (Cret.)	45 41 16	112 38 57	121
135 Clipper-Columbia (L)	--	Cu, Au	Argillite (M. Prot.)	Quartz monzonite (Cret.)	45 43 27	112 33 19	122, 162
136 Gold Hill (L)	Montreal	Au, Ag, Cu	Argillite (M. Prot.), diorite (Cret.)	Diorite (Cret.)	45 45 48	112 32 12	162, 122
137 Butte Highlands (L)	Includes Highland, Nevin Hill, Only Chance, Tilton, Diamond T., Murphy, J. B. Thompson	Au, Ag, Cu, Pb, Zn	Dolomite (Camb.)	Diorite, quartz monzonite (Cret.)	45 47 50	112 30 56	98, 122
138 Fish Creek (P)	--	Au, Ag	Alluvium, eluvium (Quat.)	--	45 47 30	112 27 05	149, 86
139 Butte district (L)	Summit Valley	Cu, Ag, Pb, Zn, Au, Mn, Cd, Bi, Se, Te	Monzogranite (L. Cret.)	Monzogranite, apatite, pegmatite, alaskite, quartz porphyry (L. Cret.)	46 01 13	112 31 35	96
140 Missoula Gulch (P)	City of Butte, Summit Valley placer	Au, Ag	Alluvium (Quat.)	--	46 00 15	112 32 55	149, 86, 38
141 Silver Bow Creek (P)	Clark Fork River	Au, Ag	Alluvium (Quat.)	--	46 00 47	112 43 35	149, 86, 38
142 Tuxedo (L)	--	Au, Ag, Si	Welded tuff (Tert.)	--	46 04 15	112 42 55	35

Site No. and name	Synonyms	Commodities	Host rock type (age)	Associated igneous rocks (age)	Latitude (north)	Longitude (west)	Sources of data
Silver Bow County--Continued:							
143 German Gulch (P)	--	Au, Ag	Alluvium, eluvium (Quat.)	--	45 57 51	112 50 26	86, 149
144 Beal Mountain (L)	--	Au	Hornfels (metamorphosed mudstone, sandstone, conglomerate) (Cret.)	Granodiorite (Cret.)	45 57 15	112 52 50	58
Deer Lodge County:							
145 Champion Silver (L)	--	Ag, Au, Pb, Zn, Sb, As	Monzogranite (L. Cret.)	Monzogranite (L. Cret.)	46 13 59	112 36 36	35, 69, 103, 109, 148
146 Lost Creek (P)	Antelope Creek, Spring Creek	Au, Ag	Alluvium (Quat.)	--	46 09 45	112 53 25	86, 149, 38
147 French Creek (P)	Includes California Creek (tributary to French Creek) and Oregon Creek	Au, Ag	Alluvium (Quat.)	--	45 57 15	113 01 20	86, 149, 68
148 Gold Coin (L)	--	Au, Ag, Cu, Pt	Dolomite (Camb.)	--	46 10 30	113 14 41	23, 32, 40, 148
149 Luxembourg (L)	--	Au	Granodiorite (L. Cret.)	Granodiorite (L. Cret.)	46 11 34	113 14 25	32, 40
150 Pyrenees (L)	--	Au, Ag, Cu, As	Granodiorite (L. Cret.)	Granodiorite (L. Cret.)	46 11 43	113 14 15	32, 40, 109, 148
151 Georgetown placer (P)	--	Au, Ag	Alluvium (Quat.)	--	46 11 53	113 14 58	86, 149, 68, 38
152 Cable placer (P)	--	Au, Ag	Alluvium (Quat.)	--	46 11 47	113 12 50	86, 149, 38
153 Cable (L)	--	Au, Ag, Cu, Pb, Fe, Mn, Zn	Limestone, dolomite, shale (Camb.)	Granodiorite (L. Cret.)	46 12 00	113 12 59	32, 39, 40, 109, 142
154 Hold Fast-Short Shift-Goldenwedge (L)	--	Au, Ag, Cu	Dolomite (Camb.)	--	46 12 30	113 14 00	38
155 Southern Cross (L)	--	Au, Ag, Cu, Bi, As, Fe, Sb	Dolomite (Camb.)	--	46 12 37	113 14 07	10, 32, 40, 148, 3

Site No. and name	Synonyms	Commodities	Host rock type (age)	Associated igneous rocks (age)	Latitude (north)	Longitude (west)	Sources of data
Granite County:							
156 Hidden Lake (L)	--	Au, Ag, As, Bi, Zn	Quartzite (M. Prot.)	--	46 13 54	113 11 57	32, 35
157 Red Lion (L)	--	Au, Ag, Co, Ni	Dolomite (Camb.)	--	46 16 18	113 10 54	35, 40, 109
158 Hannah (L)	--	Au, Ag, Mn	Dolomite (Camb.)	--	46 16 48	113 10 42	32, 35, 40
159 Granite-Bimetallic (L)	Blaine, Ruby, Granite Mountain	Ag, Au, Cu, Pb, Zn, Sb, As	Granodiorite (L. Cret.)	Granodiorite (L. Cret.)	46 18 58	113 14 31	21, 39, 40, 69, 71
160 Trout (L)	Pocahontas, Speckled Trout, Gem, Algonquin	Mn, Ag, Pb, Cu, Zn, Au, As	Dolomite (Camb.)	--	46 19 46	113 16 01	40, 44, 50, 83, 105
161 Scratch Awl (L)	--	Ag, Pb, Zn, Mn, Cu, Au, As	Dolomite, limestone (Camb.)	Granodiorite (L. Cret.)	46 19 54	113 15 58	40, 50, 83, 101, 105
162 True Fissure (L)	--	Ag, Pb, Zn, Mn, Cu, Au, As	Limestone, dolomite (Camb., Dev.)	Granodiorite (L. Cret.)	46 20 06	113 15 53	40, 50, 83, 101, 105
163 Hope (L)	Potosi, Porter, Take All, Field, Prince, Imperial, and others	Ag, Cu, Pb, Au, Mn, Ba, Sb	Dolomite, limestone (Dev.)	--	46 20 38	113 16 27	21, 40, 72, 105
164 Gold Hill (L)	--	Au, Cu	Dolomite (Camb.)	--	46 24 23	113 11 10	40, 109
165 Princeton Gulch (P)	--	Au, PGM	Alluvium (Quat.)	--	46 25 15	113 09 50	48, 86
166 Sunday (L)	--	Au, Ag	Granodiorite (L. Cret.)	Granodiorite (L. Cret.)	46 24 44	113 05 40	40, 134
167 Royal (L)	Port Royal	Au, Ag, Pb, Cu	Granodiorite (L. Cret.)	Granodiorite (L. Cret.)	46 24 39	113 05 30	35, 40, 134
168 Pineau placer (P)	Friday placer	Au, Ag	Alluvium (Quat.)	--	46 27 37	113 03 50	149, 38
169 McFarland's placer (P)	--	Au, Ag	Alluvium (Quat.)	--	46 27 52	113 03 23	149, 40
170 Master placer (P)	--	Au, Ag	Alluvium (Quat.)	--	46 28 15	113 03 00	149, 38
171 Winchell placer (P)	Kolbeck placer	Au, Ag	Alluvium (Quat.)	--	46 33 30	113 12 20	38
172 Durand (L)	--	Au, Ag, As	Quartzite (Camb.)	--	46 27 53	113 14 25	40, 148
173 Henderson Creek (P)	--	Au, W, Snd, Ag	Alluvium (Quat.)	--	46 30 06	113 15 42	149, 86, 68, 38
174 Bunker Hill (L)	--	Au, Ag, Cu	Limestone (M. Prot.)	Granodiorite (L. Cret.)	46 28 50	113 19 15	40, 148
175 Sunrise (L)	Queen	Au, Ag, Cu, Pb, W, As, Sb	Marble (M. Prot.)	Granodiorite (L. Cret.)	46 29 05	113 19 42	12, 22, 35, 40, 153
176 Black Pine (L)	Combination	Ag, Au, Cu, W, Pb, Zn, As	Quartzite, argillite (M. Prot.)	--	46 26 52	113 21 56	35, 40, 150, 153, 161
177 Flint Creek (P)	--	Au, Ag	Alluvium (Quat.)	--	46 19 50	113 19 08	149, 86, 38, 137

Site No. and name	Synonyms	Commodities	Host rock type (age)	Associated igneous rocks (age)	Latitude (north)	Longitude (west)	Sources of data
Granite County--Continued:							
178 Silver King (L)	--	Au, Ag, Cu, Pb, As, Sb, Bi	Limestone (M. Prot.)	Granodiorite (L. Cret.)	46 18 07	113 30 01	35, 72
179 Mountain Ram (L)	--	Ag, Au, Ba, Cu, Mo, Sn, As	Limestone (M. Prot.)	--	46 14 08	113 27 10	35, 40
180 Banner (L)	--	Au, Ag, Cu, Zn, As	Quartzite (M. Prot.)	--	46 03 03	113 32 07	35, 155
181 Millers (L)	--	Au, Ag, Cu, Pb, Zn, As, B	Granodiorite (L. Cret.)	Granodiorite (L. Cret.)	46 01 48	113 40 48	35, 155
182 Bee No. 1 (L)	--	Au	Argillite (M. Prot.)	--	46 12 30	113 33 23	147
183 McDonald (L)	--	Au, Ag	Argillite, limestone (M. Prot.)	--	46 12 35	113 33 12	35
184 Basin Creek and Quartz Creek (P)	--	Au, Ag, Sap	Alluvium (Quat.)	--	46 19 11	113 34 58	86, 149, 38
185 Miners Gulch (P)	Includes Alder Gulch, Niles Gulch, Homestake Gulch, Cowan Gulch, Sawpit Gulch, other minor producers	Au, Ag	Alluvium (Quat.)	--	46 24 15	113 30 34	38, 81
186 Welcome Creek (P)	--	Au, Ag	Alluvium (Quat.)	--	46 34 30	113 44 30	149, 86, 38
187 Bear Creek (P)	--	Au, Ag	Alluvium (Quat.)	--	46 43 00	113 19 42	149, 68, 86
188 Haparanda (L)	Aparanda	Au	Schist (M. Prot.), quartzite (Camb.)	--	46 48 38	113 17 38	100
189 Dandy (L)	Big Six	Au, Ag, Zn, Cu, Mo, Sb	Quartzite (M. Prot.)	--	46 49 00	113 17 52	35, 48, 100, 123
190 Fairview (L)	--	Au, Ag, Cu, Ba, Bi, Mo, Te	Quartzite (M. Prot.)	--	46 48 51	113 19 40	100
191 Magone and Anderson (L)	--	Au, Ag, Cu, Pb, Sb	Quartzite (M. Prot.)	--	46 49 22	113 20 04	30, 100, 109
192 Red Cloud (L)	Crescent, Lead King	Au, Ag, Cu, Pb, Mo, Ba, Sb	Quartzite (M. Prot.)	Granodiorite (L. Cret.)	46 49 20	113 20 10	30, 100, 109, 118
193 Grant and Hartford (L)	--	Au, Ag, Cu, Pb, Sb, Ba	Quartzite (M. Prot.)	Granodiorite (L. Cret.)	46 49 23	113 20 12	30, 100, 109
194 Dewey (L)	--	Au, Ag, Cu, Ba, Sb	Granodiorite (L. Cret.)	Granodiorite (L. Cret.)	46 49 36	113 20 35	100, 109
195 Tiger (L)	--	Au, Ag	Limestone-dolomite (Camb.)	Granodiorite (L. Cret.)	46 49 33	113 20 40	100, 109, 148

Site No. and name	Synonyms	Commodities	Host rock type (age)	Associated igneous rocks (age)	Latitude (north)	Longitude (west)	Sources of data
<b>Granite County--Continued:</b>							
196 Shamrock (L)	--	Au, Cu, Pb, Sb, Ba	Granodiorite (L. Cret.)	Granodiorite (L. Cret.)	46 49 38	113 20 32	100, 118
197 Nancy Hanks (L)	Minnie Palmer	Au, Ag, Cu, Pb, Ba, Sb, As	Dolomite (Camb.)	Granodiorite (L. Cret.)	46 49 39	113 20 43	30, 35, 55, 100, 109
<b>Powell County:</b>							
198 Gold Leaf (L)	--	Au, Cu	Granodiorite (L. Cret.)	Granodiorite (L. Cret.)	46 49 54	113 15 41	30, 100
199 Red Rock (L)	--	Au, Ag, Cu	Dolomite, limestone (Dev.)	Granodiorite (L. Cret.)	46 49 38	113 15 17	100
200 Pearl (L)	--	Au, Cu, Mn, Mo, Sn, W	Dolomite, limestone (Dev.)	Granodiorite (L. Cret.)	46 49 18	113 15 22	35, 100
201 Bilk & Weasel Gulch (P)	--	Au, Ag	Alluvium (Quat.)	--	46 49 03	113 14 47	149, 38
202 Wasson Creek (P)	--	Au, Ag	Alluvium (Quat.)	--	46 54 00	112 52 25	86, 38
203 Wilson Creek (Big Blackfoot district) (P)	Kilburn, Raleigh	Au, Ag	Alluvium (Quat.)	--	46 52 43	112 52 27	149, 38
204 Blackfoot Gold (L)	Blackfoot	Au, Ag, Pb, Cu, W, Bi, Mo	Limestone (M. Prot.)	Granodiorite (L. Cret.)	46 51 50	112 50 48	35, 90, 141
205 Chimney Creek (P)	--	Au, Ag	Alluvium (Quat.)	--	46 50 41	112 51 10	86, 38
206 Nevada Creek (P)	--	Au, Ag	Alluvium (Quat.)	--	46 49 58	112 53 40	86, 38
207 Deer Creek (P)	--	Au, Ag	Alluvium (Quat.)	--	46 48 48	112 50 14	86, 38
208 Chicken Creek (P)	--	Au, Ag	Alluvium (Quat.)	--	46 48 40	112 49 00	86, 38
209 Jefferson Creek (P)	--	Au, Ag	Alluvium (Quat.)	--	46 47 33	112 42 56	149, 86, 38
210 Madison Gulch (P)	--	Au, Ag	Alluvium (Quat.)	--	46 47 38	112 42 50	86, 149, 38
211 Washington Creek (P)	Fontana placer	Au, Ag	Alluvium (Quat.)	--	46 47 02	112 39 57	149, 86, 38
212 American Gulch (P)	--	Au, Ag	Alluvium (Quat.)	--	46 46 08	112 39 10	86, 149, 38
213 Lower Gold Creek (P)	China Bar	Au, Ag	Alluvium (Quat.)	--	46 34 03	112 55 02	86, 149, 38, 80, 102
214 West Fork of Independence Creek (P)	Includes Windy Hill placer	Au, Ag	Alluvium (Quat., Tert.)	--	46 31 47	112 53 30	149, 38, 80, 102
215 Pikes Peak Creek (P)	--	Au, Ag	Alluvium (Quat., Tert.)	--	46 31 00	112 54 45	86, 149, 38, 80, 102

Site No. and name	Synonyms	Commodities	Host rock type (age)	Associated igneous rocks (age)	Latitude (north)	Longitude (west)	Sources of data
<b>Powell County--Continued:</b>							
216 Treadwater & Wilson Bar, Wood's Flat (P)	--	Au, Ag	Colluvium, alluvium (Quat., Tert.)	--	46 31 12	112 55 30	38, 80, 102
217 Dry Gulch (P)	--	Au, Ag	Colluvium, alluvium (Quat., Tert.)	--	46 30 45	112 56 10	149, 38, 80, 102
218 Lower Pioneer Gulch (P)	--	Au, Ag	Alluvium (Quat.)	--	46 31 43	112 57 00	149, 38, 80
219 Pioneer Bar (P)	--	Au, Ag	Alluvium (Quat., Tert.)	--	46 31 15	112 57 35	149, 38, 80, 102
220 Reservoir Gulch (P)	--	Au, Ag	Alluvium (Quat.)	--	46 31 15	112 57 50	149, 38, 80, 102
221 French Creek (P)	--	Au, Ag	Alluvium (Quat.)	--	46 30 30	112 58 30	38, 80, 102
222 Ballard Hill (P)	Ballard, Job's Point	Au, Ag	Alluvium (Quat., Tert.)	--	46 29 46	112 59 00	149, 38, 80, 102
223 Main Fork of Pioneer Gulch (P)	Includes K and K Bar, Kohrs and Bienenberger placer, and 1916 pit	Au, Ag	Alluvium (Quat., Tert.)	--	46 30 00	112 58 00	86, 38, 80, 102
224 Pilgrim Bar (P)	--	Au, Ag	Alluvium (Quat., Tert.)	--	46 30 10	112 55 05	38, 80, 102
225 Batterton Bar (P)	--	Au, Ag	Alluvium (Quat., Tert.)	--	46 29 40	112 55 20	38, 80, 102
226 Squaw Gulch (P)	Kelly and Irvine pit	Au, Ag	Alluvium (Quat., Tert.)	--	46 29 30	112 55 55	149, 38, 80, 102
227 Orphan Boy placer (P)	--	Au, Ag	Alluvium (Quat.)	--	46 28 25	112 55 25	38, 80
228 Willow Creek (P)	--	Au, Ag	Alluvium (Quat.)	--	46 26 43	112 57 02	86, 149
229 Independence (L)	--	Au, Ag, Cu	Granodiorite (L. Cret.)	Granodiorite (L. Cret.)	46 27 00	113 00 22	37, 90
230 Amazon (L)	--	Au, Ag, Cu	Quartz diorite (Cret.)	Quartz diorite (Cret.)	46 16 53	113 01 20	32, 90
231 Caribou Creek (P)	--	Au, Ag	Alluvium (Quat.)	--	46 19 06	112 44 05	86, 149, 38
232 Spring Creek and Rocker Gulch (P)	--	Au, Ag	Alluvium (Quat.)	--	46 21 55	112 35 40	149, 86, 38
233 Blue-eyed Maggie (L)	--	Ag, Au, Pb, Cu, Zn, Sb, As	Basalt (Tert. or Cret.)	--	46 22 31	112 34 58	90, 103, 113
234 Emery (L)	Carbonate Hill	Au, Ag, Pb, Zn, Cu, As, Sb	Andesite-basalt (Tert. or Cret.)	--	46 22 38	112 34 45	34, 90, 103, 113

Site No. and name	Synonyms	Commodities	Host rock type (age)	Associated igneous rocks (age)	Latitude (north)	Longitude (west)	Sources of data
<b>Powell County--Continued:</b>							
235 Bonanza (L)	-	Au, Ag, Pb, Zn, Cu, As, Sb	Basalt (Tert. or Cret.)	-	46 22 46	112 34 12	23, 90, 103, 113, 138
236 Hidden Hand (L)	-	Au, Ag, Pb, Zn, Cu, Ni, As	Andesite, tuff (Tert. or Cret.)	-	46 23 20	112 34 40	71, 90, 103, 113, 165
237 Emma Darring (L)	-	Ag, Pb, Au, Cu, Zn, As	Basalt (Tert. or Cret.)	-	46 23 10	112 34 02	90, 103, 146
238 Monarch (L)	-	Ag, Pb, Au, Cu, Zn, As, Sb	Andesite (Cret.)	Monzogranite (L. Cret.)	46 24 25	112 24 10	67, 71, 90, 103, 120
239 Ontario (L)	-	Au, Ag, Pb, Cu, Zn, As, B	Monzogranite (L. Cret.)	Monzogranite (L. Cret.)	46 23 45	112 20 26	35, 67, 90, 103, 120
240 Surething (L)	O'Keefe	Au, Ag, Pb, Zn, Cu, U, As	Monzogranite (L. Cret.)	Monzogranite (L. Cret.)	46 26 25	112 19 54	35, 90, 109, 120
241 Anna R. and Hattie M. (L)	-	Au, Ag, Cu, Pb, Mn, As, B	Monzogranite, apilite (L. Cret.)	Monzogranite (L. Cret.)	46 27 17	112 20 36	35, 90, 120, 146
242 Big Dick (L)	Evening Star	Au, Ag, Pb, Cu, Zn, As, Sb	Andesite breccia (Cret.)	-	46 28 35	112 24 25	35, 67, 90, 103, 120
243 Black Jack (L)	-	Au, Ag, Pb, Cu, Zn, As	Andesite breccia (Cret.)	-	46 28 42	112 24 15	90, 103, 120
244 Golden Anchor (L)	-	Au, Ag, Pb, Zn, As, Sb	Volcanic rocks (Cret.)	-	46 28 40	112 24 40	90, 103, 120, 165
245 Gold Canyon Creek (P)	-	Au, Ag	Alluvium (Quat.)	-	46 37 10	112 24 45	149, 86, 38
246 Snowshoe Creek (P)	-	Au, Ag	Alluvium (Quat.)	-	46 35 50	112 32 00	86, 149, 38
247 Carpenter Creek (P)	-	Au, Ag	Alluvium (Quat.)	-	46 36 00	112 33 16	149, 86, 38
248 Ophir Creek (P)	-	Au, Ag	Alluvium (Quat.)	-	46 37 55	112 32 32	149, 86, 38
249 Fairview (L)	Coulson	Ag, Au, Pb, Cu, Sb, As, Te	Granodiorite (L. Cret.)	Granodiorite (L. Cret.)	46 40 55	112 32 47	71, 90, 103
<b>Lewis and Clark County:</b>							
250 Victory (L)	-	Au, Ag, Cu, Mo, Bi	Dolomite, limestone (Dev.)	Granodiorite (L. Cret.)	46 42 20	112 30 20	35, 90, 103
251 Ajax (L)	-	Au, Ag, Cu	Limestone (Camb.)	Granodiorite (L. Cret.)	46 42 55	112 29 30	90, 103, 35
252 McClellan Gulch (P)	-	Au, Ag	Alluvium (Quat.)	-	46 52 54	112 37 53	149, 86, 68, 38
253 Sauerkraut Gulch (?)	-	Au, Ag	Alluvium (Quat.)	-	45 54 53	112 45 15	149, 86, 38



Site No. and name	Synonyms	Commodities	Host rock type (age)	Associated igneous rocks (age)	Latitude (north)	Longitude (west)	Sources of data
Lewis and Clark County--Continued:							
254 Stonewall Creek (P)	-	Au, Ag	Alluvium (Quat.)	-	46 57 40	112 42 10	149, 86
255 Lincoln Gulch (P)	-	Au, Ag, W	Alluvium (Quat.)	-	46 56 30	112 45 05	149, 86, 38
256 Blackfoot (L)	Big Blackfoot	Au	Limestone (M. Prot.)	Diorite (L. Cret.)	46 56 36	112 45 23	103, 4
257 Calliope (L)	-	Au, Ag	Rhyolite porphyry (Tert.)	-	47 03 02	112 22 18	103
258 Anaconda (L)	-	Au, Ag, Cu, Pb	Argillite (M. Prot.), diorite (L. Prot.), granodiorite (Tert.?)	Granodiorite porphyry (Tert.?)	47 02 09	112 21 33	103, 148
259 Mike Horse (L)	-	Pb, Zn, Ag, Cu, Au	Quartz diorite, siltite, argillite (Prot.)	Monzonite porphyry (Pal.-Eoc.)	47 01 33	112 21 36	103, 148, 97
260 Last Chance (L)	-	Au, Ag, Ba, As, Cu, Mo	Andesite (Tert.)	Andesite (Tert.)	46 56 28	112 31 27	35, 103
261 Silver Bell (L)	Swansea	Au, Ag, Cu, Pb	Argillite (M. Prot.)	Granodiorite (Tert. or Cret.)	46 53 22	112 32 42	92
262 Nakoma (L)	Golconda	Au	Hornfels (M. Prot.)	-	46 52 42	112 28 04	103
263 Jay Gould (L)	Stemple	Au, Ag, Cu, Fe	Hornfels (M. Prot.)	-	46 52 55	112 27 31	70, 103
264 Fool Hen Creek (P)	Acme	Au, Ag	Alluvium (Quat.)	-	46 53 46	112 25 55	86, 147
265 Hubbard (L)	Mill tunnel	Au	Granodiorite (L. Cret.)	Granodiorite (L. Cret.)	46 52 15	112 27 13	103
266 Prize (L)	-	Au, Cu	Granodiorite (L. Cret.)	Granodiorite (L. Cret.)	46 51 12	112 28 20	103
267 Gould Creek (P)	Blue Star placer	Au, Ag	Alluvium (Quat.)	-	46 53 04	112 23 33	86, 38, 147
268 Virginia Creek (P)	Tarhead, Lopear, Specimen Creek	Au, Ag	Alluvium (Quat.)	-	46 52 58	112 20 30	149, 86, 38
269 Canyon Creek (P)	-	Au, Ag	Alluvium (Quat.)	-	46 51 04	112 17 40	149, 86, 38
270 Cottonwood Creek and Gravel Range (P)	-	Au, Ag	Alluvium (Quat.)	-	46 50 27	112 19 04	149, 86, 38
271 Piegan Gulch (P)	-	Au, Ag	Alluvium (Quat.)	-	46 48 10	112 20 22	149, 86, 38
272 Piegan-Gloster (L)	-	Au	Granodiorite (L. Cret.)	Granodiorite (L. Cret.)	46 45 43	112 20 27	67, 103
273 Empire (L)	-	Au, Ag, Cu, Pb, Zn	Hornfels (M. Prot.)	-	46 45 21	112 20 52	7, 55, 67, 103, 135
274 Empire Creek (P)	Lost Horse Creek	Au, Ag	Alluvium (Quat.)	-	46 45 20	112 22 20	86, 38

Site No. and name	Synonyms	Commodities	Host rock type (age)	Associated igneous rocks (age)	Latitude (north)	Longitude (west)	Sources of data
Lewis and Clark County--Continued:							
275 M and L (L)	--	Au, Ag, Cu, Pb	Hornfels (M. Prot.)	Granodiorite (L. Cret.)	46 45 10	112 20 40	55, 67, 103
276 Bell Boy (L)	--	Au, Ag, Pb, Zn, Cu, F	Hornfels (M. Prot.)	--	46 44 22	112 21 42	103
277 Penobscot (L)	--	Au, Ag	Hornfels (M. Prot.)	--	46 43 50	112 21 22	52, 67, 93, 103
278 Bald Butte (L)	--	Au, Ag, Pb, F, Mo, Cu, Zn	Hornfels (M. Prot.)	Granite (Tert.)	46 43 22	112 20 47	6, 35, 67, 124, 117
279 Shannon (L)	--	Au, Ag	Hornfels (M. Prot.)	--	46 44 00	112 20 06	6, 146, 148
280 Belmont (L)	--	Au, Ag	Hornfels (M. Prot.)	Granodiorite (L. Cret.)	46 44 42	112 19 02	6, 67, 93, 103, 148
281 Cruse (L)	Bald Mountain	Au, Ag, Pb	Hornfels (M. Prot.)	Granodiorite (L. Cret.)	46 44 56	112 19 14	6, 67, 103
282 Drumlummon (L)	--	Au, Ag, Cu, Mn, Sb, Be	Hornfels (M. Prot.)	Granodiorite (L. Cret.)	46 44 36	112 17 45	6, 20, 52, 67, 103
283 Silver Creek (P)	--	Au, Ag	Alluvium (Quat.)	--	46 44 38	112 10 40	86, 38
284 Paupers Dream (L)	Basin Creek mine	Au, As	Rhyolite (Tert.)	Rhyolite (Tert.)	46 25 19	112 17 45	103, 120, 145
285 Porphyry Dike (L)	--	Au, As	Rhyolite (Tert.)	Rhyolite (Tert.)	46 25 40	112 17 15	67, 103, 120
286 Evergreen (L)	--	Ag, Pb, Au, Zn, Cu, As, Sb	Monzogranite (L. Cret.)	Monzogranite (L. Cret.)	46 28 02	112 14 52	9, 109
287 Lexington (Rimini district) (L)	--	Ag, Au, Pb, Zn, As, Sb	Monzogranite (L. Cret.)	Monzogranite (L. Cret.)	46 28 21	112 14 24	9, 103
288 Eureka (L)	--	Ag, Pb, Au, Zn	Monzogranite (L. Cret.)	Monzogranite (L. Cret.)	46 28 24	112 14 15	9, 103
289 Lee Mountain (L)	--	Ag, Au, Zn, Pb, Sb, As	Monzogranite (L. Cret.)	Monzogranite (L. Cret.)	46 29 08	112 14 49	9, 103, 109
290 Valley Forge (L)	--	Au, Ag, Pb, Zn, Cu, As, Mn	Monzogranite (L. Cret.)	Monzogranite (L. Cret.)	46 29 30	112 14 25	9, 35, 67, 103
291 Tenmile Creek (P)	Gould placer (on Try Again Creek), Monitor, Tucker and Minnihaha Creeks	Au, Ag	Alluvium (Quat.)	--	46 30 45	112 15 35	86, 149, 38
292 Greenhorn Creek and Skelly Gulch (P)	Jeff Davis Gulch	Au, Ag, W	Alluvium (Quat.)	--	46 39 30	112 11 35	149, 86, 38, 154
293 Helena (L)	--	Au, Ag, Pb, Zn	Argillite (M. Prot.)	Monzogranite (L. Cret.)	46 37 37	112 07 27	103
294 Anderson (L)	--	Au, W, Mo	Limestone (Miss.)	Granite (L. Cret.)	46 36 55	112 11 15	154
295 Dutro (L)	Old Dominion	Au, Bi, Sn	Dolomite (Camb.)	Diorite (L. Cret.)	46 35 33	112 09 38	67, 103
296 Nelson Gulch (P)	--	Au, Ag	Alluvium (Quat.)	--	46 34 40	112 08 45	149, 86, 38

Site No. and name	Synonyms	Commodities	Host rock type (age)	Associated igneous rocks (age)	Latitude (north)	Longitude (west)	Sources of data
Lewis and Clark County—Continued:							
297 Spring Hill (L)	--	Au, Ag, Pb, Cu, As, Bi	Limestone (Miss.)	Granodiorite (L. Cret.)	46 33 18	112 05 45	35, 62, 67, 103
298 Whitlatch-Union (L)	Owyhee, McIntyre	Au, Ag	Hornfels (Mes.)	Granodiorite (L. Cret.)	46 32 53	112 05 34	67, 103, 109
299 Last Chance Gulch (P)	--	Au, Ag	Alluvium (Quat.)	--	46 34 55	112 02 35	149, 38
300 Helena dredge workings (P)	Porter Brothers dredge	Au, Ag	Alluvium (Quat.)	--	46 37 07	112 01 40	86
301 Seven Mile Creek (P)	--	Au, Ag	Alluvium (Quat.)	--	46 37 54	112 04 00	149, 68, 86, 38
302 Franklin (L)	Sam Gaty, Doctor Steele	Au, Ag, Cu, Pb, Sil, Zn	Argillite (M. Prot.)	Monzonite (L. Cret.)	46 38 20	112 04 21	48, 69, 103
303 Scratch Gravel (L)	--	Au, Ag, Pb, Zn	Hornfels (M. Prot.)	Monzonite (L. Cret.)	46 38 15	112 03 55	103
304 Lexington (Scratchgravel Hills area) (L)	--	Ag, Pb, Au, Cu, Mn, As, Zn	Limestone (M. Prot.)	Monzonite (L. Cret.)	46 39 45	112 04 10	35, 70, 103
305 Katy (L)	--	Ag, Au, Pb, Cu	Monzonite (L. Cret.)	Monzonite (L. Cret.)	46 39 58	112 03 40	103
306 Golden Crown (L)	--	Au, Ag, Cu, Sb	Hornfels (M. Prot.)	Monzonite (L. Cret.)	46 41 07	112 04 58	103
307 El Dorado Bar (P)	--	Au, Sap, PGM, Ag	Alluvium (Quat.)	--	46 44 11	111 51 03	86, 149
308 Golden Messenger (L)	--	Au	Diorite, limestone, shale (Prot.)	Diorite (Cret. or Tert.)	46 44 24	111 44 24	103
309 Little Dandy (L)	--	Au	Limestone, shale (Prot.)	--	46 44 24	111 44 01	103
310 York Gulch, Kingsbury Gulch and Trout Creek (P)	--	Au, Ag	Alluvium (Quat.)	--	46 43 15	111 45 00	86, 149, 68
311 Old Amber (L)	Golden Cloud	Au	Limestone, shale (Prot.)	--	46 42 45	111 42 27	103
312 Maggie and Bar Gulches (P)	--	Au, Ag	Alluvium (Quat.)	--	46 38 37	111 41 00	86, 68
313 Cave Gulch (P)	--	Au, Ag	Alluvium (Quat.)	--	46 39 10	111 41 55	86, 68
314 Clark Gulch and Oregon Gulch (P)	--	Au, Ag	Alluvium (Quat.)	--	46 40 10	111 44 00	86, 68
315 French Bar (P)	--	Au, Ag	Alluvium (Quat.)	--	46 39 39	111 44 15	86
316 Gruel Bar (P)	Gruel's Bar, Metropolitan Bar	Au, Ag	Alluvium (Quat.)	--	46 39 35	111 44 40	86
317 Spokane Bar (P)	--	Au, Ag	Alluvium (Quat.)	--	46 40 00	111 48 40	86
318 Lower Prickly Pear Creek (P)	--	Au, Ag	Alluvium (Quat.)	--	46 34 37	111 54 52	86, 149, 38

Site No. and name	Synonyms	Commodities	Host rock type (age)	Associated igneous rocks (age)	Latitude (north)	Longitude (west)	Sources of data
Jefferson County:							
319 Holmes Gulch (P)	--	Au, Ag	Alluvium (Quat.)	--	46 33 10	112 00 00	86, 149, 38
320 Big Indian (L)	--	Au	Granodiorite (L. Cret.)	Granodiorite; apite and diorite dikes (L. Cret.)	46 32 17	112 01 20	9, 67, 103, 115
321 Pretty Girl placer (P)	--	Au, Ag	Alluvium (Quat.)	--	46 31 55	112 01 32	35
322 Upper Prickly Pear Creek (P)	--	Au, Ag	Alluvium (Quat.)	--	46 29 43	111 57 36	149
323 Clancy Creek (P)	--	Au, Ag	Alluvium (Quat.)	--	46 27 49	112 00 04	86, 149, 38
324 Lump Gulch (P)	--	Au, Ag	Alluvium (Quat.)	--	46 27 38	112 06 15	149, 86, 38
325 Alta (L)	--	Ag, Pb, Zn, Au, Cu, Sil, Sb	Andesite (Cret.)	Monzogranite (L. Cret.)	46 22 20	112 05 35	9, 67, 103, 115, 165
326 Gregory (L)	--	Ag, Pb, Au, Cu, Zn, As	Andesite (Cret.)	Monzogranite (L. Cret.)	46 23 24	112 06 53	9, 103, 115, 142
327 Minnesota (L)	--	Au, Ag, Pb, Cu, Zn, As	Monzogranite, andesite (Cret.)	Monzogranite (L. Cret.)	46 23 10	112 07 25	9, 67, 103, 115
328 Montana Tunnels (L)	--	Au, Ag, Zn, Pb, Cu, Mn	Breccia (Tert.)	Dacite porphyry (Tert.)	46 22 17	112 07 35	9, 67, 133, 152
329 Minah (L)	Mina	Ag, Au, Pb, Zn, Cu, As, Sb	Andesite (Cret.), dacite (Tert.)	Monzogranite (L. Cret.)	46 21 55	112 08 01	9, 67, 84, 103, 115
330 Blizzard (L)	--	Ag, Au, Pb, Cu, Zn, As	Andesite (Cret.)	--	46 21 37	112 08 28	9, 67, 103, 115
331 Mount Washington (L)	--	Ag, Au, Pb, Cu, Zn, Bi, Sb	Tuff, monzogranite (Cret.)	Monzogranite (L. Cret.)	46 21 23	112 08 37	9, 103, 115
332 Blue Bird (L)	--	Au, Ag, Cu, Pb, Zn, As, Sb	Tuff (Cret.)	Monzogranite (L. Cret.)	46 21 32	112 09 58	9, 67, 103, 115, 163
333 Eva May (L)	--	Ag, Pb, Cu, Au, Zn, Sb, As	Monzogranite (L. Cret.)	Monzogranite (L. Cret.)	46 20 56	112 13 20	9, 35, 67, 103, 115
334 Cateract Creek (P)	--	Au, Ag	Alluvium (Quat.)	--	46 21 50	112 13 15	149, 86, 38
335 Crystal (L)	St. Lawrence, Sparkling Water, Jack Fraction	Au, Ag, Cu, Pb, Zn, Sil, Sb	Monzogranite (L. Cret.)	Monzogranite (L. Cret.)	46 21 00	112 15 38	103, 109, 115, 120, 165
336 Buckeye (L)	Boston	Ag, Au, Pb, Zn, Cu, As	Monzogranite (L. Cret.)	Monzogranite (L. Cret.)	46 23 53	112 17 40	115, 120
337 Josephine (L)	--	Ag, Au, Pb, Zn, Cu, Stn, U	Monzogranite (L. Cret.)	Monzogranite (L. Cret.), rhyolite (Tert.)	46 24 56	112 18 44	115, 120

Site No. and name	Synonyms	Commodities	Host rock type (age)	Associated igneous rocks (age)	Latitude (north)	Longitude (west)	Sources of data
Jefferson County--Continued:							
338 Bullion (L)	--	Ag, Cu, Pb, Au, Zn, U, Sb	Monzogranite (L. Cret.)	Monzogranite (L. Cret.)	46 21 22	112 17 40	67, 103, 115, 120, 165
339 Hattie Ferguson (L)	--	Ag, Pb, Au, Cu, Zn	Monzogranite (L. Cret.)	Monzogranite (L. Cret.)	46 19 58	112 14 51	9, 67, 103, 115
340 Morning Glory (L)	--	Au, Ag, Pb, Cu, Zn, As, Sb	Monzogranite, tuff (Cret.)	Monzogranite (L. Cret.)	46 19 04	112 14 35	9, 115
341 Hiawatha (L)	Hiawatha	Ag, Au, Pb, Cu, Zn, Sb	Monzogranite, tuff (Cret.)	Monzogranite (L. Cret.)	46 18 22	112 13 15	9, 115, 148
342 Custer (L)	--	Ag, Au, Pb, Zn	Monzogranite (L. Cret.)	Monzogranite (L. Cret.)	46 18 15	112 13 45	9, 67, 103, 115
343 Mantle and South Mantle (L)	Rock of Ages	Au, Pb, Ag, Cu	Monzogranite (L. Cret.)	Monzogranite (L. Cret.)	46 17 27	112 14 30	9, 115
344 Basin Creek (P)	--	Au, Ag, Sn	Alluvium (Quat.)	--	46 16 09	112 15 36	149, 86, 38
345 Boulder River (P)	--	Au, Ag	Alluvium (Quat.)	--	46 16 01	112 15 22	149, 86, 38
346 Jib (L)	Hope-Katie, Katie Extension	Au, Ag, Cu, Pb, Zn, Te, Sb	Monzogranite (L. Cret.)	Monzogranite (L. Cret.)	46 16 15	112 16 06	70, 103, 115, 120
347 Lotta (L)	--	Au, Ag, Zn	Monzogranite (L. Cret.)	Monzogranite (L. Cret.)	46 16 13	112 16 50	115, 120, 142
348 Boulder (L)	--	Au, Ag, Zn, Pb, Cu	Monzogranite (L. Cret.)	Monzogranite (L. Cret.)	46 16 44	112 17 18	48, 120, 115
349 East Katie (L)	Lot 7	Au, Ag, Cu, Pb	Monzogranite (L. Cret.)	Monzogranite (L. Cret.)	46 16 20	112 15 55	103, 115
350 Lowland Creek (P)	Kit Carson placer	Au, Ag	Alluvium (Quat.)	--	46 14 40	112 25 25	149, 86, 38
351 Kit Carson (L)	--	Au, Ag, Cu	Rhyolite (Tert.)	Rhyolite (Tert.)	46 12 10	112 26 58	67, 103, 115
352 Ruby (L)	--	Au, Ag, Pb, Zn, Cu	Rhyolite (Tert.)	Rhyolite (Tert.)	46 11 52	112 26 04	67, 69, 103, 115
353 Columbia (Lowland district) (L)	--	Au, Ag, Cu	Rhyolite (Tert.)	Rhyolite (Tert.)	46 11 38	112 25 50	67, 103, 115
354 Wilson Creek (South Boulder Mountains area) (P)	Wilson Creek, tributary to Little Boulder River	Au, Ag	Alluvium (Quat.)	--	46 09 58	112 12 40	149, 86, 38
355 Gray Eagle (L)	--	Ag, Pb, Cu, Zn, Au, U, Mo	Welded tuff, monzogranite (Cret.)	Monzogranite (L. Cret.)	46 18 48	112 11 56	9, 67, 103, 115, 142
356 Rumley (L)	--	Ag, Pb, Au, Cu, Zn, U	Monzogranite (L. Cret.)	Monzogranite (L. Cret.)	46 18 36	112 10 20	9, 115

Site No. and name	Synonyms	Commodities	Host rock type (age)	Associated igneous rocks (age)	Latitude (north)	Longitude (west)	Sources of data
Jefferson County--Continued:							
357 Comet (L)	--	Au, Ag, Cu, Pb, Zn, U, As	Monzogranite (L. Cret.)	Monzogranite (L. Cret.)	46 18 35	112 10 00	8, 9, 67, 103, 115
358 Baltimore (L)	--	Ag, Au, Pb, Zn, Cu, As	Monzogranite (L. Cret.)	Monzogranite (L. Cret.)	46 17 13	112 08 59	9, 67, 103, 115
359 Sunny Corner (L)	Milburn	Au, Ag, Cu, Pb, Zn	Argillite (M. Prot.)	Latite porphyry (Cret.)	45 54 48	112 02 07	76, 115
360 Lucky Hit (L)	--	Au, Ag, Cu, Pb	Argillite (M. Prot.)	Latite porphyry (Cret.)	45 54 50	112 01 54	76, 115
361 Columbia (Whitehall district) (L)	--	Au, Ag, Cu	Argillite (M. Prot.)	Latite porphyry (Cret.?)	45 55 02	112 01 42	76, 115
362 Golden Sunlight (L)	--	Au, Ag, Cu	Argillite-latite porphyry breccia (Cret. (breccia))	Latite porphyry (Cret.)	45 54 22	112 00 51	104, 116, 76, 115, 1
363 Elkhorn Creek (P)	--	Au, Ag	Alluvium (Quat.)	--	46 11 41	111 57 32	86
364 Elkhorn Queen (L)	--	Au, Ag, Cu, Pb, Zn	Granodiorite porphyry (Cret.), dolomite, shale (hornfels) (Dev.)	Granodiorite porphyry andesite porphyry, andesite, tuff (L. Cret.)	46 14 49	111 57 29	115, 65
365 Elkhorn (L)	Holter	Au, Ag, Pb, Zn, Cu, Bi	Limestone, dolomite, marble (Camb.-Miss.)	Gabbro, diorite, quartz diorite porphyry, quartz monzonite (L. Cret.)	46 16 42	111 56 27	115, 65, 158, 67
366 Swissmont (L)	Pittsmt, Moreau, Peacock, Turkey	Au, Ag, Cu, Pb, Zn	Diorite (L. Cret.), limestone (Camb.)	--	46 16 45	111 57 01	115, 65
367 Hardcash (L)	Dolcoath	Au, Ag, Cu, Pb	Limestone (hornfels) (Camb.)	Diorite (Cret.)	46 16 47	111 56 54	115, 65
368 Golden Curry (L)	Sourdough, Jacquemin	Au, Ag, Cu	Limestone (hornfels) (Camb.)	Quartz monzonite (Cret.)	46 17 05	111 57 34	115, 65
369 Klondyke (L)	--	Au, Ag, Pb, Cu	Silicated dolomite (Dev.)	Diorite (L. Cret.)	46 16 56	111 56 25	115, 65
370 C & D (L)	Boulder Belle	Au, Ag, Cu, Pb	Limestone (Miss.)	Quartz monzonite (Cret.)	46 17 21	111 56 00	65
371 Center Reef (L)	Ballard	Au, Ag, Cu, Pb	Andesite and andesite breccia (L. Cret.)	--	46 19 00	111 52 12	115, 65
372 Wilson Creek (Tizer-Wilson district) and upper Crow Creek (P)	Wilson Creek, tributary to Crow Creek. Includes Tizer Creek	Au, Ag	Alluvium (Quat.)	--	46 20 59	111 49 17	86, 149, 68

Site No. and name	Synonyms	Commodities	Host rock type (age)	Associated igneous rocks (age)	Latitude (north)	Longitude (west)	Sources of data
Jefferson County--Continued:							
373 Callahan (L)	Golden Age, Deer Horn	Au, Ag, Cu, Pb, Zn	Andesite (L. Cret.)	--	46 21 00	111 50 20	115, 65
374 Belle (Tizer-Wilson district) (L)	--	Au, Ag, Pb, Cu	Andesitic tuff (Cret.)	--	46 21 52	111 50 42	65
375 Newburgh (L)	Steinbrenner, Fleming	Au, Ag, Pb, Cu	Quartz monzonite, rhyolite (L. Cret.)	--	46 24 40	111 52 49	115, 136
376 Carbonate Chief (L)	--	Au, Ag, Pb, Cu	Porphyritic quartz monzonite (L. Cret.)	Aplite and rhyolite dikes (L. Cret.)	46 24 52	111 52 49	115, 136
377 Bell (Warm Springs district) (L)	--	Au, Ag, Pb, Cu, U	Porphyritic quartz monzonite (L. Cret. or Pal.)	--	46 24 55	111 52 47	115, 136
378 Economy (L)	Last Chance, John and Jim Group	Au, Ag, Cu	Quartz diorite (Cret.)	--	46 31 30	111 50 50	108, 136, 91
379 Mitchell Creek (P)	--	Au, Ag	Alluvium (Quat.)	--	46 31 58	111 50 45	86, 136
Broadwater County:							
380 Dobler (L)	--	Au, Ag, Pb	Dolomite and quartzite (Penn.)	--	46 32 30	111 46 45	108, 136
381 Beaver Creek (P)	--	Au, Ag	Alluvium (Quat.)	--	46 28 00	111 41 00	86
382 Custer (L)	--	Au, Ag, Pb, Cu, Mo	Andesite (Cret.)	Quartz monzonite porphyry and apatite dikes (Cret.)	46 27 03	111 39 57	108, 66, 31
383 Chartam (L)	--	Au, Ag	Andesite (Cret.)	--	46 26 34	111 39 55	33
384 Sunshine (L)	--	Au, Ag, Pb	Andesite (Cret.)	Granodiorite (L. Cret.)	46 26 17	111 41 57	108, 66, 31
385 Weasel Creek (P)	--	Au, Ag	Alluvium (Quat.)	--	46 25 45	111 42 10	86
386 East Pacific (L)	--	Ag, Au, Pb, Zn	Andesite (Cret.)	Porphyritic quartz monzonite (Cret.)	46 25 17	111 41 56	108, 66, 31
387 January (L)	--	Au, Ag, Pb, Cu, Zn	Andesite (Cret.)	Quartz monzonite (Cret.)	46 24 54	111 41 46	108, 66, 31, 103
388 Stray Horse (L)	--	Au, Ag, Pb, Zn	Andesite (Cret.)	Granodiorite (Cret.)	46 24 16	111 41 51	108, 66, 31
389 Vosburg (L)	--	Au, Ag, Pb, Zn, Mn	Quartz monzonite, granodiorite porphyry (Cret.)	Andesite (Cret.)	46 23 58	111 43 12	108, 66, 31

Site No. and name	Synonyms	Commodities	Host rock type (age)	Associated igneous rocks (age)	Latitude (north)	Longitude (west)	Sources of data
Broadwater County--Continued:							
390 Park-New Era (L)	Includes Jackson, Kane, and Cotter workings	Au, Ag, Pb	Andesite (L. Cret.)	Mafic intrusive rocks (unknown)	46 22 00	111 43 00	127, 108, 66, 139, 41
391 Marietta (L)	Little Annie, Gold Dust, Bullion King	Au, Ag, Pb, Zn, Cu	Andesite flows, basic dikes (L. Cret.)	Quartz diorite and diorite porphyry (L. Cret.)	46 21 53	111 42 21	127, 108, 66
392 Indian Creek (P)	--	Au, Ag	Alluvium (Quat.)	--	46 18 20	111 39 54	86, 149, 148, 43
393 Diamond Hill (L)	--	Au, W	Andesite, syenodiorite, apfite (L. Cret. or Pal.)	Syenodiorite (L. Cret. or Pal.)	46 18 48	111 40 30	108, 66
394 Little Giant (L)	--	Au	Andesite (L. Cret.)	--	46 18 25	111 40 45	108, 66
395 Blacksmith (L)	--	Au, Ag, Cu, Pb	Andesite (L. Cret.)	Syenodiorite (L. Cret.-Pal.)	46 18 02	111 40 20	108, 66
396 North Home (L)	--	Au, Ag, Pb, Zn, Ba, Mn	Limestone (Miss.)	Quartz monzonite (L. Cret.)	46 10 50	111 44 03	108, 66
397 Joe Dandy (L)	Jo Dandy	Au, Ag, Cu, Pb, Zn	Quartzite (Penn.)	Syenodiorite, granodiorite, diorite porphyry (L. Cret.)	46 09 10	111 43 55	108, 66
398 Cyclone (L)	Simpson	Au, Ag	Syenodiorite, granodiorite, diorite porphyry (L. Cret.)	--	46 10 05	111 40 40	108, 66
399 Black Friday (L)	--	Au, Ag, Pb, Cu	Andesite, undifferentiated intrusive rocks (L. Cret.)	Syenodiorite, granodiorite, diorite porphyry (L. Cret.)	46 10 30	111 40 40	108, 66
400 Hard Cash (L)	--	Au, Ag, Cu	Andesite and shale-mudstone-sandstone (Cret.)	Syenodiorite, granodiorite, diorite porphyry (L. Cret.)	46 11 50	111 41 55	108, 66
401 Ohio-Keating (L)	--	Au, Ag, Cu	Andesite and intrusive rocks (L. Cret.)	Syenodiorite, granodiorite, diorite porphyry (L. Cret.)	46 11 06	111 40 03	108, 66
402 Keating (L)	--	Au, Ag, Cu	Andesite porphyry (L. Cret.)	Syenodiorite, granodiorite, diorite porphyry (L. Cret.)	46 11 17	111 39 39	108, 66
403 Crow Creek (P)	--	Au, Ag	Alluvium (Quat.)	--	46 11 20	111 36 05	86
404 Avalanche Creek (P)	--	Au, Ag	Alluvium (Quat.)	--	46 38 00	111 34 00	86
405 White Creek (?)	Includes Johnny Quich	Au, Ag	Alluvium (Quat.)	--	45 35 30	111 31 20	95



Site No. and name	Synonyms	Commodities	Host rock type (age)	Associated igneous rocks (age)	Latitude (north)	Longitude (west)	Sources of data
<b>Broadwater County--Continued:</b>							
406 Satellite (L)	Baker	Au	Limestone (Prot.?)	Quartz diorite (Tert.)	46 35 24	111 26 18	108, 95
407 Confederate Gulch (P)	Includes Cement Gulch, Montana Gulch, Boulder Creek, and Diamond Bar	Au, Ag	Alluvium (Quat.)	--	46 35 57	111 24 58	68, 86, 149, 103
408 Miller (L)	Champion	Au	Limestone (Prot.?)	Quartz diorite (Tert.)	46 37 13	111 24 49	103, 108, 95
<b>Meagher County:</b>							
409 Thomas Creek (P)	--	Au, Ag	Alluvium (Quat.)	--	46 40 48	111 17 16	86, 114
410 Thompson Creek (P)	--	Au, Ag	Alluvium (Quat.)	--	46 32 03	111 12 07	86, 114
<b>Cascade County:</b>							
411 Star (L)	Evening Star, London, Morning Star	Ag, Pb, Au, Cu, Zn	Gneiss, schist, diorite (Arch.?)	Rhyolite porphyry (Cret. or Tert.)	46 56 40	110 44 45	111, 126
412 Broadwater (L)	--	Ag, Au, Cu, Pb, Zn	Schist and gneiss, diorite (Arch.?)	Rhyolite porphyry, diorite (Cret.-Tert.)	46 56 04	110 43 27	111, 126
413 Silver Belt (L)	--	Ag, Pb, Zn, Au, Cu	Diorite and gneiss (Arch.?)	--	46 56 45	110 43 10	111, 126
414 Big Seven (L)	--	Ag, Au, Cu, Pb, Zn, Mo	Quartzite, diorite, gneiss (Arch.?), rhyolite porphyry (Cret.-Tert)	Rhyolite porphyry, diorite (Cret.)	46 56 57	110 42 17	111, 126
415 Benton (L)	--	Au, Ag, Pb, Cu, Zn	Gneiss and diorite (Arch.?)	--	46 56 58	110 42 05	111, 126
416 Ripple (L)	--	Ag, Pb, Au, Cu, Zn	Gneiss and diorite (Arch.?)	--	46 56 55	110 42 02	111, 126
417 Silver Dyke (L)	--	Cu, Pb, Ag, Zn, Au	Breccia composed of quartz porphyry (Tert.) and gneiss (Arch.?)	Diorite, granite, rhyolite porphyry (Arch.?) and Tert.)	46 59 01	110 41 40	111, 126
<b>Judith Basin County:</b>							
418 Liberty (L)	Emerald, Danny T, Frances, Last Chance	Ag, Pb, Zn, Au	Quartz monzonite (Eoc.)	Quartz rhyolite porphyry, composite dikes (Tert.)	47 04 43	110 37 54	164, 112, 88

Site No. and name	Synonyms	Commodities	Host rock type (age)	Associated igneous rocks (age)	Latitude (north)	Longitude (west)	Sources of data
Judith Basin County--Continued:							
419 Block P (L)	Barker, Wright-Edwards, and others	Ag, Pb, Zn, Cu, Au	Quartz monzonite (Eoc.)	Quartz monzonite, felsite dikes, composite dikes (Eoc.)	47 05 02	110 37 54	164, 112, 88
420 Gold Bug (L)	Weatherwax	Au	Limestone (Miss.)	Syenite porphyry (Cret.)	46 56 22	110 29 30	160
Fergus County:							
421 Kendall (L)	--	Au, Ag	Limestone (Miss.), sandstone, calcareous shale (Mes.), syenite porphyry (Pal.)	Syenite porphyry (Pal.)	47 16 47	109 28 36	11, 79, 77, 110, 89
422 Barnes-King (L)	Includes Santiago and North Moccasin workings	Au, Ag	Limestone (Miss.)	Syenite porphyry (Pal.)	47 17 13	109 27 56	11, 79, 74, 110, 89
423 Horseshoe (L)	Includes Muleshoe and Boxer	Au, Ag	Limestone (Miss.)	Syenite porphyry (Pal.)	47 17 37	109 27 34	11, 79, 74, 110, 89
424 Kendall placer (P)	North Moccasin placer	Au, Ag	Alluvium (Quat.)	--	47 17 01	109 27 37	86, 149
425 New Year (L)	--	Au, Ag	Limestone (Miss.)	Quartz monzonite, syenite porphyry (Pal.)	47 09 16	109 18 59	159, 110, 18, 157
426 Whiskey Gulch (L)	Gold Crop, Red Rock	Au	Altered and silicified limestone (Miss.)	Rhyolite porphyry (L. Cret.-Pal.)	47 07 07	109 14 20	110, 51
427 Gilt Edge (L)	--	Au, Ag	Limestone (Miss.)	Rhyolite dike (L. Cret.-Pal.)	47 08 39	109 13 35	42, 110, 89, 51
428 Maginnis (L)	--	Au, Ag	Limestone breccia (Miss.)	Quartz monzonite and syenite porphyry (Pal.)	47 10 34	109 13 09	42, 89, 110, 51
429 Spotted Horse (L)	--	Au, Ag	Limestone (Miss.), quartz monzonite, syenite porphyry (Pal.)	Quartz monzonite and syenite porphyry (Pal.)	47 10 35	109 12 37	42, 89, 110, 51, 28
430 Tail Holt (L)	--	Au, Ag	Syenite porphyry (L. Cret.-Pal.)	Syenite porphyry (Pal.?)	47 12 24	109 12 36	24, 110, 51
431 Gies (L)	Bertha, Elk Peak project	Au, Ag, Pb, Zn, Te	Shale, siltstone, sandstone (Cret.), syenite (Tert.)	Syenite sills and phonolite (linguaite) dikes (Tert.)	47 13 17	109 09 38	46, 159, 110

Site No. and name	Synonyms	Commodities	Host rock type (age)	Associated igneous rocks (age)	Latitude (north)	Longitude (west)	Sources of data
<b>Phillips County:</b>							
432 King Creek (P)	South Fork Peoples Creek	Au, Ag	Alluvium (Quat.)	--	47 55 38	108 37 09	86
433 Landusky (L)	Includes Queen Rose, Gold Bug, August, Little Ben, Susie, Swift, Niscka, and others	Au, Ag	Syenite porphyry, breccia (Pal.)	Syenite porphyry (Pal.)	47 55 15	108 36 46	57, 24, 13, 89, 27
434 Zortman (L)	Includes Ruby, OK, Ross, Mint, Independent, Alabama, Pinkeye Pearl, and others	Au, Ag	Syenite porphyry, quartz latite porphyry (Pal.)	Syenite porphyry (Pal.)	47 56 11	108 33 35	57, 24, 29, 89, 78
435 Ruby Gulch (P)	--	Au, Ag	Alluvium (Quat.)	--	47 55 53	108 33 20	149, 86
436 Alder Gulch (P)	--	Au, Ag	Alluvium (Quat.)	--	47 54 45	108 30 39	86
<b>Park County:</b>							
437 Emigrant dredge workings (P)	--	Au, Ag	Alluvium (Quat.)	--	45 19 19	110 42 49	140, 86, 149
438 Emigrant Gulch (P)	Includes Sixmile and Mill Creek subdistricts	Au, Ag	Alluvium (Quat.)	--	45 18 39	110 41 32	140, 149, 86
439 Jardine (L)	Mineral Hill mine	Au, As, W	Schist (Arch.)	Granite (Arch.)	45 04 23	110 37 41	129, 151, 5
440 Snowshoe (L)	Hulse	Au, W, As	Schist (Arch.)	Granite (Arch.)	45 02 35	110 36 02	129, 107
441 Conrad (L)	Conrad-Stanford, Crevasse	Au, As	Schist (Arch.)	Granite (Arch.)	45 02 06	110 35 55	129, 107
442 Glengarry (L)	Como prospect; includes "Fisher Mountain zone"	Au, Cu, Ag	Limestone (Camb.)	Felsite, felsite breccia (Tert.)	45 04 15	109 57 22	35, 107, 85, 36, 26
443 McLaren (L)	Includes "Fisher Mountain breccia zone"	Au, Cu, Ag	Limestone (Camb.)	Felsite, felsite breccia (Tert.)	45 03 43	109 57 20	107, 36, 26
444 Homestake (L)	--	Au, Cu, Ag	Explosion/collapse breccia (Tert.)	Latite and rhyodacite porphyries (Tert.)	45 03 21	109 56 48	107, 36, 85
445 Miller Creek (L)	New World project, Loge Res; includes Little Daisy	Au, Cu, Ag, Pb, Zn	Limestone (Camb.)	Rhyodacite porphyry (Tert.)	45 03 11	109 57 02	35, 36, 26
446 Alice E. (L)	--	Au, Cu, Ag	Sandstone, collapse breccia (Tert.)	Latite porphyry (Tert.)	45 02 00	109 55 42	107, 85, 36

Site No. and name	Synonyms	Commodities	Host rock type (age)	Associated igneous rocks (age)	Latitude (north)	Longitude (west)	Sources of data
Stillwater County:							
447 Stillwater (L)	J-M Reef, Minneapolis adit	PGM, Ni, Cu, Au	Troctolite, anorthosite, norite, gabbronorite (Arch.)	Troctolite, anorthosite, norite, gabbronorite (Arch.)	45 23 17	109 52 43	166, 167

ABBREVIATIONS USED IN TABLE I

(L) following the site name indicates a lode deposit, (P) indicates a placer deposit.

Abbreviations used for time terms:

- L. Late
- M. Middle
- Quat. Quaternary
- Olig. Oligocene
- Eoc. Eocene
- Pal. Paleocene
- Tert. Tertiary
- Cret. Cretaceous
- Mes. Mesozoic
- Penn. Pennsylvanian
- Miss. Mississippian
- Dev. Devonian
- Camb. Cambrian
- Prot. Proterozoic
- Arch. Archean

Abbreviations for commodities:

One- and two-letter abbreviations are the symbols for the chemical elements; the following three-letter abbreviations used for other commodities:

- Snd abrasive sand
- Stn building stone
- Sil silica including quartz crystal, industrial silica, and smelter flux
- PGM platinum-group metals (Pt, Pd, Os, Ir, Ru, Rh)
- Sap sapphire (gem corundum)

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Table 2.—Index to gold mines and prospects in Montana

(L), lode, or (P), placer, following primary names as listed in table 1; other names are synonyms as listed in table 1]			
Site name	Site No.	Site name	Site No.
1916 pit	223	Basin Creek and Quartz Creek (Granite Co.) (P)	184
Acme placer	264	Basin Creek mine (Lewis and Clark Co.)	284
Agitator-Concentrator (L)	95	Batterton Bar (P)	225
Ajax (Beaverhead Co.) (L)	40	Beal Mountain (L)	144
Ajax (Lewis and Clark Co.) (L)	251	Bear Creek (Granite Co.) (P)	187
Ajax (Madison Co.)	127	Bear Creek (Lincoln Co.)	8
Alabama	434	Beaver Creek (P)	381
Alameda (L)	74	Bee Bee No. 1 (L)	182
Alder Gulch (Granite Co.)	185	Bell (Warm Springs district) (L)	377
Alder Gulch (Madison Co.) (P)	77	Bell Boy (L)	276
Alder Gulch (Phillips Co.) (P)	436	Belle (Tizer-Wilson district) (L)	374
Algonquin	160	Belmont (L)	280
Alice E. (L)	446	Ben Harrison Fraction (L)	118
Alta (L)	325	Benton (L)	415
Amazon (L)	230	Bertha	431
American	127	Bevins Creek	94
American Gulch (P)	212	Bieber	132
American Kootenai (L)	12	Bielenberg & Higgins (L)	112
Anaconda (L)	258	Big Blackfoot	256
Anderson (L)	294	Big Dick (L)	242
Anna R. and Hattie M. (L)	241	Big Indian (L)	320
Antelope Creek	146	Big Seven (L)	414
Aparanda	188	Big Six	189
Apex (L)	67	Bilk & Weasel Gulch (P)	201
Argyle	35	Bimetallic	159
Atlantic and Pacific (L)	117	Birdie (L)	90
August	433	Bivens Gulch (P)	94
Aurora (L)	129	Black Friday (L)	399
Aurora Creek mine	80	Black Jack (L)	243
Avalanche Creek (P)	404	Black Pine (L)	176
B & B	6	Blackfoot (Lewis and Clark Co.) (L)	256
B & H	112	Blackfoot (Powell Co.)	204
Baker	406	Blackfoot Gold (Powell Co.) (L)	204
Bald Butte (L)	278	Blackrock	71
Bald Mountain	281	Blacksmith (L)	395
Ballard (Jefferson Co.)	371	Blacktail	13
Ballard (Powell Co.)	222	Blaine	159
Ballard Hill (Powell Co.) (P)	222	Blizzard (L)	330
Baltimore (L)	358	Block P (L)	419
Bamboo Chief	74	Blue Bird (Jefferson Co.) (L)	332
Bannack placers	54	Blue Grass	55
Banner (L)	180	Blue Star placer	267
Barker	419	Blue-eyed Maggie (L)	233
Barnes-King (L)	422	Bluebird (Madison Co.)	125
Bartlett (L)	64	Boaz (L)	88
Barton Creek (P)	60	Bon Accord placer	54
Basin Creek (Jefferson Co.) (P)	344	Bonanza (L)	235

Table 2.--Index to gold mines and prospects in Montana--Continued

Site name	Site No.	Site name	Site No.
Boss Tweed-Clipper (L)	119	Chimney Creek (P)	205
Boston	336	China Bar	213
Boston and Montana	39	Chinatown	59
Boulder (L)	348	Clancy Creek (P)	323
Boulder Belle	370	Clark Fork River	141
Boulder Creek (Broadwater Co.)	407	Clark Gulch and Oregon Gulch (P)	314
Boulder River (Jefferson Co.) (P)	345	Clemantha	28
Bowery	126	Cleve-Avon (L)	37
Boxer	423	Clipper (Madison Co.)	119
Branagan (L)	14	Clipper-Columbia (Silver Bow Co.) (L)	125
Branigan	14	Colorado Gulch	59
Broadgauge-Tamarack (L)	98	Columbia (Lowland district) (L)	353
Broadwater (L)	412	Columbia (Whitehall district) (L)	361
Broadway (L)	126	Columbia Group (Silver Bow Co.)	125
Browns Gulch	77	Combination	176
Buckeye (L)	336	Comet (L)	357
Bullion (L)	338	Como prospect	442
Bullion King	391	Company	101
Bunker Hill (L)	174	Confederate Gulch (P)	407
Butte district (L)	139	Conrad (L)	441
Butte Highlands (L)	137	Conrad-Stanford	441
Butte placer	140	Corncracker (L)	105
C & D (L)	370	Cornucopia (L)	73
Cabin Lode	73	Cotter	390
Cable (L)	153	Cottonwood Creek and Gravel Range (P)	270
Cable placer (P)	152	Coulson	249
California Creek (Deer Lodge Co.)	147	Cowan Gulch	185
California Creek (Madison Co.)	93	Crescent	192
Callahan (L)	373	Crevasse	441
Calliope (L)	257	Crow Creek (Broadwater Co.) (P)	403
Canyon Creek (P)	269	Crow Creek (upper) (Jefferson Co.)	372
Carbonate Chief (L)	376	Cruse (L)	281
Carbonate Hill	234	Crystal (L)	335
Caribou Creek (P)	231	Crystal Lake (L)	108
Carolina (L)	109	Crystal Springs	28
Carpenter Creek (P)	247	Curlaw (L)	32
Cateract Creek (P)	334	Custer (Broadwater Co.) (L)	382
Cato	28	Custer (Jefferson Co.) (L)	342
Cave Gulch (P)	313	Cyclone (L)	398
Cedar Creek, Oregon Gulch, and tributaries (P)	17	Dakota	55
Cement Gulch	407	Dandy (L)	189
Center Reef (L)	371	Danny T	418
Champion (Broadwater Co.)	408	Deep Creek (P)	18
Champion Silver (Deer Lodge Co.) (L)	145	Deer Creek (P)	207
Chartam (L)	383	Deer Horn	373
Chicken Creek (P)	208	Delaware	126

Table 2.--Index to gold mines and prospects in Montana--Continued

Site name	Site No.	Site name	Site No.
Dewey (L)	194	Evening Star (Cascade Co.)	411
Diamond Bar	407	Evening Star (Powell Co.)	242
Diamond Hill (L)	393	Evergreen (L)	286
Diamond T.	137	Evergreen placer (P)	5
Dixon	16	Excelsior (L)	58
Dobler (L)	380	Fairview (Granite Co.) (L)	190
Doctor Steele	302	Fairview (Madison Co.) (L)	104
Dolcoath	367	Fairview (Powell Co.) (L)	249
Drake (L)	16	Field	163
Drumlummon (L)	282	Fish Creek (P)	138
Dry Gulch (Missoula Co.)	26	Fisher Creek mine	14
Dry Gulch (Powell Co.) (P)	217	Fisher Mountain breccia zone	443
Durand (L)	172	Fisher Mountain zone	442
Dutro (L)	295	Flathead (L)	2
Eagle (Madison Co.)	111	Fleming	375
Eagle (Sanders Co.)	16	Flint Creek (P)	177
East Katie (L)	349	Fontana placer	211
East Mapleton	78	Fool Hen Creek (P)	264
East Pacific (L)	386	Fourth of July Creek	5
Easton-Pacific (L)	66	Frances	418
Eclipse Gulch (P)	1	Franklin (L)	302
Economy (L)	378	French Bar (Lewis and Clark Co.) (P)	315
Eightmile Creek (P)	31	French Creek (Deer Lodge Co.) (P)	147
El Dorado Bar (P)	307	French Creek (Powell Co.) (P)	221
El Fleda	72	French and Watson Gulches (Beaverhead Co.) (P)	41
El Fleeda (L)	72	Friday placer	168
Elenora	108	Galena (L)	84
Elizabeth	32	Garnet (L)	123
Elk Creek (P)	27	Gem	160
Elk Peak project	431	George McKee	79
Elkhorn (Beaverhead Co.) (L)	39	Georgetown placer (P)	151
Elkhorn (Jefferson Co.) (L)	365	German Gulch (P)	143
Elkhorn Creek (P)	363	Gies (L)	431
Elkhorn Queen (L)	364	Gilt Edge (L)	427
Emerald	418	Glacier Silver-Lead (L)	7
Emery (L)	234	Gladstone	103
Emigrant Gulch (P)	438	Glengarry (L)	442
Emigrant dredge workings (P)	437	Gloria (L)	11
Emma B	97	Gloster	272
Emma Darling (L)	237	Golconda	262
Empire (L)	273	Gold Bug (Beaverhead Co.) (L)	55
Empire Creek (P)	274	Gold Bug (Judith Basin Co.) (L)	420
Ermont (L)	53	Gold Bug (Phillips Co.)	433
Eureka (L)	288	Gold Canyon Creek (P)	245
Eustache Gulch	26	Gold Coin (L)	148
Eva May (L)	333	Gold Creek (lower)	213



Table 2.--Index to gold mines and prospects in Montana--Continued

Site name	Site No.	Site name	Site No.
Gold Crop	426	Hard Cash (Broadwater Co.) (L)	400
Gold Dust	391	Hardcash (Jefferson Co.) (L)	367
Gold Hill (Granite Co.) (L)	164	Harris Creek (P)	93
Gold Hill (Madison Co.) (L)	125	Hartford	193
Gold Hill (Silver Bow Co.) (L)	136	Hattie Ferguson (L)	379
Gold King (L)	134	Hattie M.	241
Gold Leaf (Powell Co.) (L)	198	Hawkeye (L)	106
Golden Age	373	Haywire Mining Co.	4
Golden Anchor (L)	244	Hazel T.	7
Golden Cloud	311	Helena (L)	293
Golden Crown (L)	306	Helena dredge workings (P)	300
Golden Curry (L)	368	Henderson Creek (P)	173
Golden Era (L)	43	Hendricks (L)	56
Golden Leaf (Beaverhead Co.) (L)	57	Hiawatha	341
Golden Messenger (L)	308	Hiawattaha (L)	341
Golden Rod	130	Hidden Hand (L)	236
Golden Sunlight (L)	362	Hidden Lake (L)	156
Golden West Mining Co.	11	Hidden Treasure (L)	132
Goldenwedge	154	High Ridge (L)	107
Goldfinch (L)	48	High Up (L)	65
Goldflint	4	Highland	137
Goldschmidt (L)	96	Hog Heaven	3
Goldsmith	96	Hogum Gulch	81
Gould Creek (Lewis and Clark Co.) (P)	267	Hold Fast-Short Shift-Goldenwedge (L)	154
Gould placer (Try Again Creek, Lewis and Clark Co.)	291	Holmes Gulch (P)	319
Governor Tilden	47	Holter	365
Gracter	56	Homestake (Madison Co.)	71
Granite Mountain	159	Homestake (Park Co.) (L)	444
Granite-Bimetallic (L)	159	Homestake Gulch (Granite Co.)	185
Grant and Hartford (L)	193	Homestake and Blackrock (Madison Co.) (L)	71
Grasshopper Creek (P)	54	Hope (Granite Co.) (L)	163
Gravel Range	270	Hope-Katie (Jefferson Co.)	346
Gray Eagle (L)	355	Horse Prairie	59
Green Campbell (L)	128	Horseshoe (L)	423
Green Mountain	16	Housum placer (P)	23
Greenback	63	Howard Creek	8
Greenhorn Creek and Skelly Gulch (P)	292	Hubbard (L)	265
Gregory (L)	326	Hudson (L)	127
Groundhog (L)	46	Hughes Creek (P)	33
Grubstake	86	Hulse	440
Gruel Bar (P)	316	Hummingbird	111
Gruel's Bar	316	Imperial	163
Hand (L)	51	Independence (Powell Co.) (L)	229
Hannah (L)	158	Independence Creek (West Fork)	214
Hannegan	13	Independent (Phillips Co.)	434
Haparanda (L)	188	Indian Creek (P)	392

Table 2.--Index to gold mines and prospects in Montana--Continued

Site name	Site No.	Site name	Site No.
Iron Rod (L)	130	Last Chance (Jefferson Co.)	378
J. B. Thompson	137	Last Chance (Judith Basin Co.)	418
J-M Reef	447	Last Chance (Lewis and Clark Co.) (L)	260
Jack Fraction	335	Last Chance Gulch (Lewis and Clark Co.) (P)	299
Jack Waite (L)	15	Lead King	192
Jackson	390	Lee Mountain (L)	289
Jacquemin	368	Lehigh (L)	80
January (L)	387	Leiter (L)	102
Jardine (L)	439	Lexington (Norris district) (L)	83
Jay Gould (L)	263	Lexington (Rimini district) (L)	287
Jay Hawk	35	Lexington (Scratchgravel Hills area) (L)	304
Jeff Davis Gulch (Beaverhead Co.) (P)	59	Libby	13
Jeff Davis Gulch (Lewis and Clark Co.)	292	Libby Creek (P)	8
Jefferson Creek (Powell Co.) (P)	209	Liberty (L)	418
Jib (L)	346	Lincoln Gulch (P)	255
Jo Dandy	397	Lincoln Mining Co.	4
Job's Point placer	222	Lion Mountain (L)	36
Joe Dandy (L)	397	Little Annie (Broadwater Co.)	391
John and Jim Group	378	Little Annie (Lincoln Co.)	11
Johnny Gulch	405	Little Ben	433
Josephine (Jefferson Co.) (L)	337	Little Cherry Creek	8
Josephine (Madison Co.) (L)	87	Little Daisy	445
Josephine Creek (Missoula Co.) (P)	24	Little Dandy (L)	309
Jumbo Group (L)	13	Little Giant (L)	394
K and K Bar	223	Loge Ree	445
Kane	390	London	411
Katie Extension (Jefferson Co.)	346	Lone Pine (L)	35
Katy (Lewis and Clark Co.) (L)	305	Lopear Creek	268
Kearsarge (L)	62	Lost Creek (P)	146
Keating (L)	402	Lost Horse Creek	274
Kelly and Irvine pit	226	Lot 7	349
Kendall (L)	421	Lotta (L)	347
Kendall placer (P)	424	Lottie (L)	110
Keystone (Madison Co.)	122	Lower Gold Creek (P)	213
Keystone and Goldflint (Lincoln Co.) (L)	4	Lower Pioneer Gulch (P)	218
Kieth	132	Lower Prickly Pear Creek (P)	318
Kilburn placer	203	Lowland Creek (P)	350
King Creek (P)	432	Lucky Hit (L)	360
Kingsbury Gulch	310	Lukens-Hazel	7
Kit Carson (L)	351	Lump Gulch (P)	324
Kit Carson placer	350	Luxemburg (L)	149
Klondyke (L)	369	M and L (L)	275
Kohrs and Bielenberger placer	223	Madison Gulch (P)	210
Kolbeck placer	171	Madisonian (L)	85
Lakeshore (L)	103	Maginnis (L)	428
Landusky (L)	433	Magone and Anderson (L)	191

Table 2.--Index to gold mines and prospects in Montana--Continued

Site name	Site No.	Site name	Site No.
Maggie and Bar Gulches (P)	312	Mitchell Creek (P)	379
Main Fork of Pioneer Gulch (P)	223	Monarch (L)	238
Mammoth (Madison Co.) (L)	116	Monitor Creek	291
Mammoth (Missoula Co.) (L)	29	Monitor-Revenue	82
Mantle and South Mantle (L)	343	Montana Boy (L)	86
Mapleton (L)	78	Montana Gulch	407
Marietta (Broadwater Co.) (L)	391	Montana Tunnels (L)	328
Marietta (Madison Co.) (L)	63	Montreal	136
Marion Creek	26	Moose Creek (P)	133
Mary Ingaber	125	Moreau	366
Maryland	126	Morning	127
Master placer (P)	170	Morning Glory (Jefferson Co.) (L)	340
Mayday (L)	44	Morning Glory Mines (Lincoln Co.)	4
Mayflower (L)	124	Morning Star	411
McClellan Gulch (P)	252	Mount Washington (L)	331
McCormick Creek (P)	25	Mountain Chief	70
McDonald (L)	183	Mountain Flower (L)	70
McFarland's placer (P)	169	Mountain Ram (L)	179
McGinnis Creek (P)	30	Muleshoe	423
McIntyre	298	Murphy	137
McKee	79	Nakoma (L)	262
McLaren (L)	443	Nancy Hanks (L)	197
Meadow Creek (North)	81	Nelson Gulch (P)	296
Melhorn Gulch	30	Nevada Creek (P)	206
Metropolitan Bar	316	Nevin Hill	137
Midas (L)	10	New Deal	13
Midnight (L)	50	New World project	445
Mike Horse (L)	259	New Year (L)	425
Milburn	359	Newburgh (L)	375
Mill Creek	438	Nicholson	115
Mill tunnel	265	Niles Gulch	185
Miller (Broadwater Co.) (L)	408	Nine Mile and San Martina (L)	22
Miller Creek (L)	445	Ninemile Creek and tributaries (P)	26
Millers (Granite Co.) (L)	181	Niseka	433
Mina	329	Noble (L)	101
Minah (L)	329	North Home (L)	396
Mineral Hill mine	439	North Meadow Creek (P)	81
Miners Gulch (P)	185	North Moccasin	422
Mining Creek	60	North Moccasin placer	424
Minneapolis adit	447	Norwegian (L)	92
Minnesota (L)	327	Norwegian Creek (P)	91
Minnie Palmer	197	O'Keefe	240
Minnihaha Creek	291	OK	434
Mint	434	Ohio (Madison Co.) (L)	113
Missoula Gulch (P)	140	Ohio-Keating (Broadwater Co.) (L)	401
Missouri-McKee (L)	79	Old Amber (L)	311

Table 2.--Index to gold mines and prospects in Montana--Continued

Site name	Site No.	Site name	Site No.
Old Dominion	295	Pyrenees (L)	150
Old Joe (L)	121	Quartz Creek (Granite Co.)	184
Ole Hill (L)	3	Quartz Creek and Tucker Gulch (Mineral Co.) (P)	21
Only Chance	137	Quartz Hill	35
Ontario (L)	239	Queen	175
Ophir Creek (P)	248	Queen Rose	433
Oregon Creek (Deer Lodge Co.)	147	Raleigh placer	203
Oregon Gulch (Lewis and Clark Co.)	314	Rambler (L)	28
Oregon Gulch (Mineral Co.)	17	Rattlesnake Creek (P)	52
Oro Cache (L)	61	Red Bluff (L)	89
Orphan Boy placer (P)	227	Red Cloud (L)	192
Owyhee	298	Red Lion (L)	157
Park-New Era (L)	390	Red Pine (L)	100
Parker Gulch	81	Red Rock (Fergus Co.)	426
Parrot	125	Red Rock (Powell Co.) (L)	199
Pauline	32	Rena (L)	45
Paupers Dream (L)	284	Reservoir Gulch (P)	220
Peacock	366	Revenue (L)	82
Pearl (L)	200	Richmond (L)	111
Penobscot (L)	277	Ridgeway (L)	115
Peoples Creek (South Fork)	432	Ripple (L)	416
Piegan Gulch (P)	271	Rock of Ages	343
Piegan-Gloster (L)	272	Rocker Gulch	232
Pikes Peak Creek (P)	215	Rose Consolidated	10
Pilgrim Bar (P)	224	Ross	434
Pine Creek	26	Royal (L)	167
Pineau placer (P)	168	Ruby (Granite Co.)	159
Pinkeye Pearl	434	Ruby (Jefferson Co.) (L)	352
Pioneer Bar (P)	219	Ruby (Phillips Co.)	434
Pioneer Gulch (Main Fork)	223	Ruby Gulch (Phillips Co.) (P)	435
Pioneer Gulch (lower)	218	Rumley (L)	356
Pittsmont	366	Rustler	9
Pocahontas	160	Sam Gaty	302
Pony	120	Sample Orr	127
Porphyry Dike (L)	285	San Martina	22
Port Royal	167	Santiago	422
Porter	163	Satellite (L)	406
Porter Brothers dredge	300	Sauerkraut Gulch (P)	253
Potosi	163	Sawpit Gulch	185
Pretty Girl placer (P)	321	Scratch Awl (L)	161
Prickly Pear Creek (lower)	318	Scratch Gravel (L)	303
Prickly Pear Creek (upper)	322	Seven Mile Creek (P)	301
Prince	163	Shafer	42
Princeton Gulch (P)	165	Shamrock (L)	196
Prize (L)	266	Shannon (L)	279
Prospect (L)	76	Short Shift	154

Table 2.--Index to gold mines and prospects in Montana--Continued

Site name	Site No.	Site name	Site No.
Silver Bell (L)	261	Sunday (L)	166
Silver Belt (L)	413	Sunny Corner (L)	359
Silver Bow Creek (P)	141	Sunrise (L)	175
Silver Creek (P)	283	Sunshine (L)	384
Silver Dyke (L)	417	Surething (L)	240
Silver King (L)	178	Surprise	125
Simpson	398	Susie	433
Sixmile placer	438	Swansea	261
Skelly Gulch	292	Swift	433
Sleeping Princess	57	Swissmont (L)	366
Smuggler (L)	97	Sylvia (L)	49
Snowshoe (Lincoln Co.) (L)	9	Tail Holt (L)	430
Snowshoe (Park Co.) (L)	440	Take All	163
Snowshoe Creek (Powell Co.) (P)	246	Tamarack	98
Snowshoe Gulch (Mineral Co.)	17	Tarhead Creek	268
Snowshoe placer (Lincoln Co.)	8	Tennile Creek (P)	291
Snowstorm (L)	6	Thomas Creek (P)	409
Sourdough	368	Thompson Creek (P)	410
South Fork of Peoples Creek	432	Tiger (L)	195
South Mantle	343	Tilton	137
Southern Cross (L)	155	Tip Top	13
Sparkling Water	335	Tizer Creek	372
Specimen Creek	268	Trade Dollar	16
Speckled Trout	160	Trapper (L)	38
Spokane Bar (P)	317	Treadwater & Wilson Bar, Wood's Flat (P)	216
Spotted Horse (L)	429	Trout (Granite Co.) (L)	160
Spring Creek (Deer Lodge Co.)	146	Trout Creek (Lewis and Clark Co.)	310
Spring Creek and Rocker Gulch (Powell Co.) (P)	232	Trout Creek (Mineral Co.) (P)	19
Spring Hill (L)	297	True Fissure (L)	162
Squaw Gulch (P)	226	Tucker Creek (Lewis and Clark Co.)	291
St. John (L)	69	Tucker Gulch (Mineral Co.)	21
St. Lawrence	335	Turkey	366
St. Louis Gulch	26	Tuscarora (L)	47
Star & Star Extension (Beaverhead Co.) (L)	34	Tuxedo (L)	142
Star (Cascade Co.) (L)	411	U.S. Grant (L)	75
Steinbrenner	375	Union (Lewis and Clark Co.)	298
Steiner	96	Union Group (or Lode) (Lincoln Co.)	13
Stemple	263	Upper Crow Creek	372
Stillwater (L)	447	Upper Prickly Pear Creek (P)	322
Stonewall Creek (P)	254	Valley	28
Strawberry-Keystone (L)	122	Valley Forge (L)	290
Strawn (L)	114	Victoria	126
Stray Horse (L)	388	Victory (L)	250
Summit Valley district	139	Virginia City placers	77
Summit Valley placer	140	Virginia Creek (P)	268
Sunbeam	108	Vosburg (L)	389

Table 2.--Index to gold mines and prospects in Montana--Continued

Site name	Site No.	Site name	Site No.
Washington Creek (Powell Co.) (P)	211	Willow Creek (P)	228
Washington Creek (or Bar) (Madison Co.)	81	Wilson Bar (Pioneer District)	216
Washoe Creek	30	Wilson Creek (Big Blackfoot district) (P)	203
Wasson Creek (P)	202	Wilson Creek (South Boulder Mountains area) (P)	354
Watseca (L)	131	Wilson Creek (Tizer-Wilson dist.) and upper Crow Creek (F)	372
Watson Gulch	41	Winchell placer (P)	171
Weasel Creek (Broadwater Co.) (P)	385	Windfall Creek (P)	20
Weasel Gulch (Powell Co.)	201	Windy Hill placer	214
Weatherwax	420	Winnetka (L)	68
Welcome Creek (P)	186	Wisconsin Creek (P)	99
West Flathead	2	Wood placer (Ravalli Co.)	33
West Fork of Independence Creek (P)	214	Wood's Flat (Powell Co.)	216
West Mayflower	124	Wright-Edwards	419
Whiskey Gulch (L)	426	Yaak (or Yahk) River	5
White Creek (P)	405	Yellow Band (L)	42
White Pine (L)	120	York Gulch, Kingsbury Gulch and Trout Creek (P)	310
Whitlatch-Union (L)	298	Zortman (L)	434

Table 3.--Index to gold mining districts and areas in Montana

Site name	Site No.(s)	Site name	Site No.(s)
Argenta	41-53	Georgetown	148-155
Austin	292	German Gulch	143-144
Bannack	54-58	Giltedge	426-427
Barker	418-419	Gold Butte	1
Basin	333-349	Gold Coin	148
Bear Creek area	187	Gold Creek (Granite Co.)	168-170
Beaver Creek	15	Gold Creek (Powell Co.)	213-228
Beaverhead Mountains area	40	Hassel	392-395
Big Blackfoot	202-208	Hecla	36-38
Black Pine	176	Heddeleston	257-259
Blackfoot River area	253-254	Helena	296-300, 318-321
Boulder	355-358	Henderson Creek area	173-175
Boulder Creek	164-167	Hidden Lake	156
Bryant	36-38	Highland	137-138
Butte	139-141	Hog Heaven	2-3
Cabinet	10-14	Indian Creek	390-395
Cable	153	John Long Mountains area	177-179
Canyon Ferry area	312-317, 404-405	Kendall	421-424
Cedar Creek	17	Libby	7-9
Chinatown	59	Lincoln Gulch area	255-256
Clancy	322-324	Little Prickly Pear area	268-271
Coloma	28-30	Little Rocky Mountains	432-436
Colorado (Beaverhead Co.)	59	Lost Creek	146
Colorado (Jefferson Co.)	325-332	Lower Hot Springs	86-90
Combination	176	Lowland	350-353
Comet	357	Lump Gulch	322-324
Cone Butte	431	Maiden	428-430
Confederate Gulch	406-408	Marysville	272-283
Cooke City	442-446	Maxville area	172
Crevasse Mountain	440-441	McCartney Mountain area	132
Curlew	32	McClellan Creek	378-380
Danielsville	230	McClellan Gulch	252
Deer Lodge Valley area	231	Melrose	134-135
Dixon	16	Mineral Hill	117-123
Dog Creek area	245	Miners Gulch area	185
Eagle	15	Missouri River	307
Elk Creek area	27	Mitchell Creek	378-380
Elkhorn (Beaverhead Co.)	39	Montana (Beaverhead Co.)	41-53
Elkhorn (Jefferson Co.)	363-370	Montana (Cascade Co.)	411-417
Elliston	238-244	Moose Creek	133, 136
Emery	232-237	Moose Lake	180
Emigrant	437-438	Neihart	411-417
Finn	209-212	New World	442-446
First Chance	188-197	Ninemile	22-26
Fisher River	10-14	Norris	79-92
Flathead	2-3	North Moccasin	421-424
Flint Creek Range area	171, 229	Norwegian	91-92
French Creek	147	Ogden Mountain	202-208
Frog Pond Basin	181	Ophir	246-251

Table 3.--Index to gold mining districts and areas in Montana--Continued

Site name	Site No.(s)	Site name	Site No.(s)
Ophir	246-251	South Boulder	115-116
Oro Fino	145	South Boulder Mountains area	142, 354
Overwich-Hughes Creek	33	Southern Cross	154-155
Park	390-391	Stemple-Gould	261-267
Philipsburg	159-163	Stemwinder Hill area	293-294
Pioneer	213-228	Stillwater Complex	447
Pioneer Mountains area	34	Summit Valley	137-141
Pony	115-123	Sylvanite	4-5
Princeton	164-167	Tidal Wave	107-114
Quartz Creek	21	Tizer-Wilson	371-374
Quartz Hill	35	Top O'Deep	197-201
Rabbit	131	Trout Creek	18-20
Racetrack	230	Troy	6
Radersburg	396-403	Upper Hot Springs	82-84
Red Lion	156-158	Vaughn	284-291, 338
Renova	124-125	Virginia City	60-78
Revais Creek	16	Warm Springs (Fergus Co.)	427-430
Rimini	284-291, 338	Warm Springs (Jefferson Co.)	377-377
Rochester	131	Washington	79-81
Rock Creek area	184	Welcome Creek	186
Rose Mountain	168-170	West Fisher	10-14
Sapphire Mountains area	31, 182-183	White Pine	15
Scratchgravel Hills area	302-306	Whitehall	350-362
Seven Mile Creek area	301	Wickes	327-332
Seven-Up Pcte Gulch area	260	Wickiup Creek	135
Sheepeater	439	Winston	381-389
Sheridan	93-104	Wisconsin	99
Siberia	143-144	Yaak, Yahk River	4-5
Silver Star	126-130	Yogo	420
Smith River area	409-410	York area	308-311
Soap Gulch	134	Zosell	232-237

Table 4.--Site numbers by county for gold mines in Montana

County	Site No.(s)	County	Site No.(s)
Beaverhead	34-59	Meagher	409-410
Broadwater	380-408	Mineral	17-21
Cascade	411-417	Missoula	22-30
Deer Lodge	145-155	Park	437-446
Fergus	421-431	Phillips	432-436
Flathead	2-3	Powell	198-249
Granite	156-197	Ravalli	31-33
Jefferson	319-379	Sanders	15-16
Judith Basin	418-420	Silver Bow	133-144
Lewis and Clark	250-318	Stillwater	447
Lincoln	4-14	Toole	1
Madison	60-132		