

GEOLOGICAL SURVEY CIRCULAR 242



BIBLIOGRAPHY OF
U. S. GEOLOGICAL SURVEY
PUBLICATIONS ON
LEAD AND ZINC

By Gwendolyn W. Luttrell

(To January 1, 1953)

UNITED STATES DEPARTMENT OF THE INTERIOR
Douglas McKay, Secretary

GEOLOGICAL SURVEY
W. E. Wrather, Director

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CONTENTS

	Page		Page
Scope and plan.....	1	Bibliography--Continued	
Bibliography	1	Circulars	7
Professional papers.....	1	Preliminary reports and maps in open files....	8
Bulletins.....	2	Preliminary reports and maps for	
Monographs.....	6	limited distribution.....	9
Mineral resources of the United States.....	6	Maps	11
Annual reports	6	Miscellaneous publications.....	11
Folios of the Geologic Atlas of the		Subject index.....	13
United States.....	7	Author index	17

BIBLIOGRAPHY OF U. S. GEOLOGICAL SURVEY PUBLICATIONS

ON LEAD AND ZINC

SCOPE AND PLAN

This bibliography lists all publications on lead and zinc published by the Geological Survey prior to January 1, 1953. The reports are grouped by type of publication, such as professional papers, bulletins, monographs, and are numbered consecutively from 1 to 241. These numbers are used to refer to the reports in the subject and author indexes at the end of the bibliography. The subject index lists the publications alphabetically by location and topic.

Unless otherwise indicated, publications for which prices are given can be purchased from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. Those preceded by an asterisk (*) are out of print but can be seen in many public and university libraries.

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Mineral Resources of the United States

Production statistics and data on the technology of lead and zinc refining are contained in Mineral Resources of the United States, published annually by the Geological Survey until 1925. Only chapters containing information of special interest are listed below. In 1925 publication of the Mineral Resources volumes was transferred to the Bureau of Mines, and the title was changed to Minerals Yearbook in 1932. Annual editions of Minerals Yearbook can be purchased, if available, from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

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 *(c) Geology of the Little Belt Mountains, Mont., with notes on the mineral deposits of the Neihart, Barker, Yogo, and other districts, by W. H. Weed, accompanied by report on the petrography of the igneous rocks of the district, by L. V. Pirsson, pp. 257-581, 1900.
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Index no.	Folio	
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(140)	*27	Morristown, Tenn., by Arthur Keith, 7 pp., 1896.
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(157)	*28	Annotated bibliography of papers on geochemical prospecting for ores, by H. E. Hawkes, 6 leaves, 1948.
(158)	41	Field method for the determination of zinc in plants, by L. E. Reichen and H. W. Lakin, 4 pp., 1949.
(159)	71	Techniques used in mine-water problems of the east Tennessee zinc district, by D. F. Kent, 9 pp., 1950.
(160)	131	Exploratory drilling in the Prairie du Chien group of the Wisconsin zinc-lead districts by the U. S. Geological Survey in 1949-1950, by A. V. Heyl, Jr., E. J. Lyons, and A. F. Agnew, 35 pp., 1952.
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- (162) Preliminary report on a lead-zinc occurrence at Berg Basin, Wrangell district, southeastern Alaska, by R. G. Ray, 9 pp., 4 maps, 1946.
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Library, University of California, Los Angeles, Calif.
- (163) Geology of the Humboldt region and the Iron King mine, Bigbug mining district, Yavapai County, Ariz., by S. C. Creasey, 146 pp., 18 illus., 1950.
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- (165) Preliminary report on the geology and ore deposits of the Minturn quadrangle, Colo., by T. S. Lovering and O. L. Tweto, 115 pp., 2 maps, 1944.
- (166) Suggestions for prospecting in the Silver Plume district, Clear Creek County, Colo., by E. N. Goddard, 6 pp., 4 maps, 1944. (This report can also be seen at the U. S. Geological Survey Information Office, Room 506, Federal Bldg., Salt Lake City, Utah.)
- (167) Map of the Kokomo (Tenmile) zinc-lead mining district, Colorado, by A. H. Koschmann and F. G. Wells, 1948.
- (168) U. S. Geological Survey diamond drill logs, Kokomo (Tenmile) zinc-lead mining district, Colorado, by A. H. Koschmann, 1 p., 1 map, 1949.
- (169) Preliminary map of the geology of the area south of Telluride, Colo., by J. S. Vhay, 1949. (This report can also be seen at the Public Library in Telluride, Colo.)
- (170) Geologic maps of lead-zinc mines, Kokomo district, Summit County, Colo., by A. H. Koschmann, 12 maps, 1950.
- (171) Geologic maps of the Leadville drainage tunnel, Colorado, by O. L. Tweto, 11 maps, 1951. (This report can also be seen at the office of the State Commissioner of Mines, State Museum Building, Denver, Colo.)
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- Idaho U. S. Geological Survey Office, S. 157 Howard Street, Spokane, Wash.
- (173) Lead and zinc deposits of the Pine Creek area, Coeur d'Alene mining region, Shoshone County, Idaho, by J. D. Forrester and V. E. Nelson, 27 pp., 7 maps, 1945.
- (174) Preliminary report on the geology of some mineral deposits in the Twin Crag area, Kootenai County, Idaho, by S. E. Good, 11 pp., 2 illus., 1949. (This report can also be seen at the Idaho Bureau of Mines and Geology, Moscow, Idaho.)
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- (179) Geology of the Antler Peak quadrangle, Nev., by R. J. Roberts, 108 pp., geol. map, 35 illus., 1949. (This report can also be seen at the Sterling Memorial Library, Yale University, New Haven, Conn.)
- (180) Green Monster mine, Clark County, Nev., by A. L. Brokaw, 9 pp., 7 pls., 1951. (This report can also be seen at the Geological Survey Distribution Office, Room 504, Federal Building, Salt Lake City, Utah, and at the Geological Survey, 102 Old Mint Building, San Francisco, Calif.)

Index
no.

- (181) Preliminary report on the Rip Van Winkle mine, Elko County, Nev., by T. S. Lovering and W. C. Stoll, 9 pp., 7 figs., 1951. (This report can also be seen at the U. S. Geological Survey Distribution Office, Room 504, Federal Building, Salt Lake City, Utah.)
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- (183) Geology and ore deposits of the Royal John area, Swartz district, N. Mex., by D. M. Kinney, 18 pp., 3 maps, 1944.
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- (187) Stiner zinc prospect, Union County, Tennessee, by R. A. Laurence, Irvin Gladstone, V. E. Nelson, and D. F. Kent, 4 pp., drill logs, 3 maps, 1946.
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- (189) Geology and ore deposits of the western part of the Shafter district, Presidio County, Texas, by J. S. Cullison and A. E. Weissenborn, 21 pp., 7 maps, 1944.
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- (190) Preliminary report on the Apex and Paymaster mines, Washington County, Utah, by A. R. Kinkel, Jr., 9 pp., 13 figs., 1951.
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- (191) Lead Hill area on Slate Creek, Metaline district, Pend Oreille County, Wash., by H. L. James and J. P. Albers, 13 pp., 5 illus., 1944.
- (192) Tom Cat and Hanley prospects, Metaline lead-zinc district, Pend Oreille County, Wash., by C. D. Campbell and Irvin Gladstone, 19 pp., 7 illus., 1944.
- (193) Geology and ore deposits of the Carbo zinc prospect, Northport district, Stevens County, Wash., by C. D. Campbell, 7 pp., 2 maps, 1945.
- (194) Lead-zinc deposits in part of the Northport mining district, Wash., by C. D. Campbell, 6 maps, 1946. (This report can also be seen at the Washington Division of Mines and Geology, 420 Transportation Building, Olympia, Wash.)
- (195) Geology of the Bechtol lead mine, Northport district, Stevens County, Wash., by C. D. Campbell, 4 pp., 2 maps, 1949. (This report can also be seen at the Washington Division of Mines and Geology, 420 Transportation Building, Olympia, Wash.)
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- (196) The upper Mississippi Valley zinc district, by A. V. Heyl, Jr., 271 pp., 44 illus., 1950. (This report can also be seen at the Princeton University Library, Princeton, N. J.)
- (197) Lead and zinc deposits of the Beetown area, Wisconsin, by A. V. Heyl, Jr., E. J. Lyons, and J. J. Theiler, 17 pp., 1 pl., 1950. (This report can also be seen at the U. S. Geological Survey Office, Wisconsin Institute of Technology, Platteville, Wis.)
- (198) Description of rock formations and minerals from holes drilled in Highland area, Wisconsin, by A. E. Flint, 24 pp., 1952. (This report can also be seen at the U. S. Geological Survey Office, Room 213, Science Hall, University of Wisconsin, Madison, Wis., and at the U. S. Geological Survey Office, Wisconsin Institute of Technology, Platteville, Wis.)

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Index
no.

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- (199) Zinc deposits of Groundhog Basin, Wrangell district, southeastern Alaska, by H. R. Gault, 15 pp., 4 maps, 1944.

- Index
no.
- (200) Zinc-copper deposits near Moth Bay, Revillagigedo Island, southeastern Alaska, by G. D. Robinson, 10 pp., 3 maps, 1944.
- (201) Lead-zinc deposits at the Lake claims, Wrangell district, southeastern Alaska, by H. R. Gault and G. M. Flint, Jr., 6 pp., 3 maps, 1944.
- (202) Zinc deposits of the Mt. Eielson district, Alaska, by G. O. Gates and Clyde Wahrhaftig, 10 pp., 3 maps, 1944.
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(205) *Copper and zinc deposits in the Reward area, Pinal County, Ariz., by J. B. Hadley and H. H. Sullwold, Jr., 7 maps, 1944.
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(207) Preliminary geologic map of Mosquito Range near Leadville, Colo., by C. H. Behre, Jr., E. N. Goddard, and A. E. Sandburg, 29 pp., 1 map, 1948. \$1. from Distribution Section, U. S. Geological Survey, Denver Federal Center, Denver, Colo.
- (208) Lead and zinc deposits at Rico, Dolores County, Colo., by D. J. Varnes and A. H. Wadsworth, Jr., 4 maps, 1944.
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(212) Lead and zinc deposits of the Center Grove-Pikes Peak area, Dubuque County, Iowa, by A. V. Heyl, Jr., A. F. Agnew, C. H. Behre, Jr., and E. J. Lyons, Strategic Minerals Investigations Preliminary Map 3-203, 6 pp., 1 map, 1948.
- New Mexico
(213) Carlisle area of the Steeple Rock mining district, Grant County, N. Mex., by R. L. Griggs and H. C. Wagner, 4 pp., 4 maps, 1943.
- (214) The North mining area, Cerrillos district, Santa Fe County, N. Mex., by W. C. Stoll, Strategic Minerals Investigations Preliminary Map 3-205, 3 pp., 2 maps, 1948.
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(215) *Diamond drilling in the West Branch area, Gouverneur district, N. Y., by A. E. Engel, J. J. Page, and C. N. Bozion, Strategic Minerals Investigations Preliminary Map 3-222, 2 pp., 1 map, 1948.
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(216) Zinc-lead deposits in part of the Picher field, Ottawa County, Okla., and Cherokee County, Kans., by E. T. McKnight, R. P. Fischer, C. C. Addison, K. R. Bowie, J. M. Thiel, M. F. Owens, Jr., and F. G. Wells, 1 map in 6 sheets, 1944. \$2. from Chief of Distribution, U. S. Geological Survey, Washington 25, D. C.
- (217) Copper Ridge zinc district, Eastern Tennessee, by John Rodgers, D. F. Kent, and R. M. Hutchinson, 5 maps with text, 1943. (Geologic map only available.)
- (218) Powell River zinc-lead area, Claiborne and Union Counties, east Tennessee, by D. F. Kent and John Rodgers, 4 pp., 1 map, 1945.
- (219) The Mosheim anticline area, Green County, Tennessee, by D. F. Kent and J. C. Dunlap, 3 pp., 2 maps, 1945.
- (220) The Ritchie zinc prospect, Claiborne County, Tennessee, by V. E. Nelson and Irvin Gladstone, Strategic Minerals Investigations Preliminary Map 3-200, 3 pp., 2 maps, 1946.
- (221) *The Bunch Hollow zinc and lead mine, Claiborne County, Tennessee, by D. F. Kent, Strategic Minerals Investigations Preliminary Map 3-201, 4 pp., 1 map, 1946.
- (222) Geologic map with structure sections of the Mascot-Jefferson City, Tennessee, zinc mining district, by Josiah Bridge, 1946. \$1.00 from Tennessee Division of Geology, G-5 State Office Building, Nashville, Tennessee.
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- (224) Geology of the Eve Mills zinc area, Monroe County, Tennessee, by J. C. Dunlap, Strategic Minerals Investigations. Preliminary Map 3-215, 2 pp., 2 maps, 1947.

Index
no.

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- (225) The Arcadia zinc area, Scott County, Va., by Irvin Gladstone, V. E. Nelson, and D. F. Kent, 1 map, 1945.

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- (226) Preliminary report on the general geology and ore deposits of the Mifflin-Cokerville area, Wis., by A. F. Agnew and A. V. Heyl, Jr., 5 pp., 1 map, 1944.
- (227) Zinc deposits of the Meekers Grove(Jenkinsville) area of the Wisconsin lead-zinc district, by A. V. Heyl, Jr., A. F. Agnew, and C. H. Behre, Jr., 1 map, 1945.
- (228) Zinc-lead deposits of the Hazel Green-Shullsburg area, Lafayette and Grant Counties, Wis., by A. F. Agnew, A. V. Heyl, Jr., C. H. Behre, Jr., and E. J. Lyons, Strategic Minerals Investigations Preliminary Map 3-216, 11 pp., 2 maps, 1948.

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Maps of areas east of the Mississippi River can be ordered from the Chief of Distribution, U. S. Geological Survey, Washington 25, D. C. Maps of areas west of the Mississippi River can be ordered from the Distribution Section, U. S. Geological Survey, Denver Federal Center, Denver, Colorado.

Missouri Basin Studies

- | Index
no. | Map
no. | |
|--------------|------------|---|
| (229) | 8 | Map showing mineral deposits of Colorado; compiled by R. P. Fischer, Wilbur Burbank, Helen Cannon, and others. Scale, 1:1,000,000 (1 inch = nearly 16 miles). 1 sheet, 22 x 32 inches. 30c. |
| (230) | 13 | Map showing metallic mineral deposits of South Dakota; compiled by R. P. Fischer. Scale, 1:1,000,000 (1 inch = nearly 16 miles). 1 sheet, 20 x 36 inches. 25c. |
| (231) | 16 | Map showing metallic mineral deposits of Montana; compiled by F. M. Chace, Fred Cater, Virginia Byers, and others. Scale, 1:1,000,000 (1 inch = nearly 16 miles). 1 sheet, 25 x 45 inches. 30c. |
| (232) | 17 | Map showing metallic mineral deposits of Wyoming; compiled by R. P. Fischer and others. Scale, 1:1,000,000 (1 inch = nearly 16 miles). 1 sheet, 21 x 30 inches. 20c. |
| (233) | 18 | Map showing metallic mineral deposits of Missouri; compiled by V. S. Neuschel and E. T. McKnight. Scale, 1:1,000,000 (1 inch = nearly 16 miles). 1 sheet, 26 x 40 inches. 20c. |

Tennessee River Basin

Index
no.

- (234) Tennessee River Basin mineral resources map. Scale, 1:500,000 (1 inch = nearly 8 miles). 44 x 64 inches. \$1.

Mineral Investigations Field Studies

Index
no.

- (235) MF 3. Geologic structure of the Beetown lead-zinc area, Grant County, Wis., by A. V. Heyl, Jr., E. J. Lyons, and J. J. Theiler, 1952. 40c.
- (236) Maps showing distribution of reserves of lead and zinc in the United States as of 1944, by districts. (From Mineral position of the United States, by the staffs of the Bureau of Mines and the Geological Survey. See no. 239 of bibliography.) Free on request to the U. S. Geological Survey, Washington 25, D. C.

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no.

- (237) *U. S. Geological exploration of the fortieth parallel, part III, Mining Industry, Geology of the White Pine district, Nevada, by Arnold Hague, 1870.
- (238) *World Atlas of Commercial Geology, part I. Distribution of mineral production, 72 pp., 1921.

Index
no.

- (239) Lead, by E. F. Fitzhugh, Jr., E. T. McKnight, and A. L. Ransome, and Zinc, by E. F. Fitzhugh, Jr., E. T. McKnight, and A. L. Ransome, in Investigations of National Resources, prepared by combined staffs of Bureau of Mines and Geological Survey, published as part of hearings before National Resources Economic Subcommittee of the Committee on Public Lands of the Senate, pp. 254-258, 305-310. Available from Superintendent of Documents, Government Printing Office, Washington 25, D. C. \$1.75 (unbound). Also available as Mineral Resources of the United States, Public Affairs Press, 2153 Florida Ave., Washington 8, D. C., 1948. \$5. (bound). Copies of map showing distribution of lead and zinc reserves in the United States is available on request to the U. S. Geological Survey, Washington 25, D. C.
- (240) Publications of the Geological Survey, May 1948. Fourth supplement, May 1952. Consult State and subject index to determine what reports may be available on specific areas or commodities, as these reports often contain additional information on the occurrence of lead and zinc ores. Free on request from U. S. Geological Survey, Washington 25, D. C.
- (241) Bibliography of North American Geology, published as the following U. S. Geological Survey Bulletins:

747	(1785-1918)	952	(1944-1945)
823	(1919-1928)	958	(1946-1947)
937	(1929-1939)	968	(1948)
938	(1940-1941)	977	(1949)
949	(1942-1943)	985	(1950)

SUBJECT INDEX

Alaska, general.....	60	California--Continued	
Berg Basin, Wrangell district.....	162	Darwin district, Inyo County.....	69
Glacier Bay, Wrangell district.....	204	Inyo Range.....	18, 67, 69, 164
Groundhog Basin, Wrangell district..	199	Koko Weef Mountain area,	
Ketchikan district.....	48, 124	San Bernardino County.....	206
Lake claims, Wrangell district.....	201	Lippincott area, Inyo County.....	164
Lucky Boy claims, Prince of		Sierra Nevada.....	18
Wales Island.....	203	White Mountains, Inyo County..	67
Moth Bay, Revillagigedo Island.....	200		
Mount Eielson district.....	104, 202	Colombia, Antioquia.....	121
Nixon Fork country.....	94	Boyaca.....	121
Ruby.....	94	Caldas.....	121
Southeastern.....	48, 87, 96, 120, 124	Cauca.....	121
	162, 199, 201, 203, 204	Cundinamarca.....	121
Tracy Arm, Petersburg district.....	124	Santander.....	121
Wales district.....	124	Tolima.....	121
Wrangell district.....	48, 87, 124, 162		
	199, 201, 204	Colorado, general.....	20, 229
Arizona, Aravaipa district, Graham		Aspen district, Pitkin	
County.....	88	County.....	20, 95, 129
Banner district, Gila County.....	90	Bonanza district, Saguache County....	25
Bigbug district (Iron King mine),		Boulder County.....	14, 20, 37
Yavapai County.....	163	Breckenridge district, Summit	
Bisbee, Cochise County.....	1, 145	County.....	10, 20, 28, 37
Black Mountains, Mohave County... 47,	52	Chaffee County.....	20, 36, 172
Boulder (Hoover) Dam region,		Clear Creek County.....	14, 20, 37, 166
Coconino, Maricopa, and Mohave		Creede district, Mineral	
Counties.....	109	County.....	65, 84, 98
Bradshaw Mountains, Yavapai County..	93	Custer County.....	20, 69, 134
Cerbat Range, Mohave County..47, 52,	123	Dolores County.....	20, 135, 138
Cochise County.....	1, 145		147, 169, 208
Coconino County.....	109	Eagle County.....	20, 165
Gila County.....	90	Empire district, Clear Creek	
Graham County.....	88	County.....	7, 14, 37
Grand Wash Cliffs, Mohave		Front Range.....	20, 37
County.....	47, 52	Garfield quadrangle, Chaffee and	
Humboldt region, Yavapai County....	163	Gunnison Counties.....	172
Jerome quadrangle, Yavapai County... 93		Georgetown district, Clear	
Kofa Mountains, Yuma County.....	73	Creek County.....	7, 14, 20, 37, 43
Maricopa County.....	109	Gilpin County.....	14, 20, 37, 73
Mohave County.....	47, 52, 109, 123	Gunnison County.....	20, 110, 172
Patagonia Mountains, Santa		Hinsdale County.....	20, 59
Cruz County.....	70	Kokomo (Tenmile) district,	
Pima County.....	85	Summit County.....	167, 168, 170
Pinal County.....	90, 154, 205	Lake City area, Hinsdale	
Ray district, Pinal County.....	154	County.....	59
Reward area, Pinal County.....	205	Lake County.....	20, 22, 46, 81
Saddle Mountain district,			91, 127, 132, 171, 207
Pinal County.....	90	La Plata district, Chaffee County....	36
Santa Cruz County.....	70	Leadville district, Lake	
Santa Rita Mountains, Santa Cruz		County.....	20, 22, 46, 81
County.....	70		91, 127, 132, 171, 207
Sierrita Mountains, Pima County....	85	London Fault area, Park County.....	115
Stanley district, Graham County....	88	Mineral County.....	20, 65, 84, 98
Wallapai district, Mohave County....	123	Minturn quadrangle, Eagle	
Yavapai County.....	93, 163	County.....	165
Yuma County.....	57, 73	Montezuma quadrangle, Summit	
		County.....	29, 37
Arkansas, Caddo Gap quadrangle.....	97	Mosquito Range, Lake County.....	207
De Queen quadrangle.....	97	Ouray County.....	20, 114, 209
Eureka Springs-Harrison		Park County.....	20, 115
quadrangle.....	153	Pitkin County.....	20, 95, 129
Northern Arkansas.....	2, 40, 105	Rico Mountains,	
Ozark region.....	138	Dolores County.....	138, 147, 208
		Saguache County.....	20, 25
California, Carbonate King mine,		San Juan County.....	20, 39
San Bernardino County.....	206		135, 146, 169
		San Miguel County.....	20, 135, 169

Colorado--Continued

Silver Plume district,	
Clear Creek County.....	166
Silverton quadrangle, San Juan	
County.....	39, 146
Snowmass Mountain area,	
Gunnison County.....	110
Summit County.....	10, 20, 28, 29
	37, 122, 167, 168, 170
Telluride quadrangle, Dolores,	
San Juan, and San Miguel	
Counties.....	135, 169
Uncompahgre district,	
Ouray County.....	114, 209
Upper Blue River area,	
Summit County.....	122

Geochemistry..... 89, 157, 158, 161, 161a

Idaho, general..... 100

Bear River Range.....	23, 58
Blaine County.....	67, 69, 99, 137
Boise Basin.....	118
Bonner County.....	118
Casto quadrangle,	
Custer County.....	106
Clark Fork district,	
Bonner County.....	118
Coeur d'Alene region,	
Shoshone County.....	6, 43, 173, 161a
Custer County.....	16, 65, 66
	69, 99, 106, 137
De Lamar district,	
Owyhee County.....	137
Dome district, Blaine County.....	67
Kootenai County.....	174
Lemhi County.....	63
Loon Creek district,	
Custer County.....	65
Mackay region, Custer County.....	16
Mullan quadrangle, Shoshone	
County.....	67, 175, 177
Northern Idaho.....	44, 50
Owyhee County.....	137
Pine Creek district, Coeur d'Alene	
region, Shoshone County.....	83, 173
	210, 211
Pottsville quadrangle,	
Shoshone County.....	175, 176
St. Joe River Basin.....	44
Sawtooth quadrangle, Blaine and	
Custer Counties.....	69
Shoshone County.....	6, 43, 67, 86, 173
	175, 176, 177, 210, 211
Silver City district,	
Owyhee County.....	137
Southeastern Idaho.....	23
Twin Crags area, Kootenai	
County.....	174
Wood River region, Blaine and	
Custer Counties.....	99, 137

Illinois, general.....	41, 42, 45
Galena-Elizabeth quadrangle.....	152
Lancaster-Mineral Point	
quadrangle.....	148
Upper Mississippi Valley.....	45

Iowa, Center Grove-Pikes Peak area,	
Dubuque County.....	212

Iowa--Continued

Galena-Elizabeth quadrangle.....	152
Lancaster-Mineral Point	
quadrangle.....	148
Tete des Morts area.....	178
Upper Mississippi Valley.....	45

Kansas, Picher Field, Cherokee County.....	216
Tri-State (Joplin)	
district.....	40, 72, 149, 216

Kentucky, western Kentucky.....	4, 40, 234
---------------------------------	------------

Maine, general.....	55
---------------------	----

Microscopic determination.....	101, 103, 116
--------------------------------	---------------

Missouri, general.....	233
Southeastern Missouri.....	38
Tri-State (Joplin)	
district.....	40, 72, 149, 186
Wyandotte quadrangle,	
Tri-State district.....	186

Montana, general.....	231
Barker district, Cascade County.....	137
Bearpaw Mountains.....	54
Butte district, Silver Bow County....	9
Cooke City district, Park County.....	98
Dunkleberg district, Granite	
County.....	78
Elkhorn district, Jefferson	
County.....	138
Elkhorn Mountains.....	58
Helena region, Jefferson,	
Broadwater, Lewis and Clark, and	
Powell Counties.....	62, 102
Libby quadrangle, Lincoln and	
Sanders Counties.....	119
Little Belt Mountains.....	137, 141
Melrose, Silver Bow County.....	92
Nelhart district, Cascade	
County.....	137
New World district,	
Park County.....	98
Northwestern Montana.....	44, 50
Saltese district, Mineral	
County.....	67
Silver Bow County.....	9, 92
Yogo district, Fergus County.....	137

Nevada, Antler Peak quadrangle,	
Humboldt and Lander Counties.....	179
Arabia district, Pershing County.....	78
Boulder (Hoover) Dam region,	
Clark, Lincoln, Nye, and	
Esmeralda Counties.....	109
Cedar Mountain, Mineral County.....	85
Clark County... 24, 44, 67, 109, 114, 180	
Eastern Nevada.....	77
Elko County.....	53, 181
Ely district, White Pine County.....	15
Eureka County.....	53, 126, 128, 133
Eureka district,	
Eureka County.....	126, 128, 133
Goodsprings quadrangle,	
Clark County.....	24
Green Monster mine, Yellow Pine	
district, Clark County.....	180
Lander County.....	53, 179

Nevada--Continued		
Lincoln County.....	26, 109	
Pioche district, Lincoln County.....	26	
Potosi mine, Clark County.....	44	
Rip Van Winkle mine, Merrimac district, Elko County.....	181	
Searchlight district, Clark County.....	114	
White Pine County.....	15, 237	
White Pine district, White Pine County.....	237	
Yellow Pine district, Clark County.....	67, 180	
New Hampshire, Milan mine, Coos County.....	55	
New Jersey, Franklin, Sussex County.....	31, 40, 150	
Sterling Hill, Sussex County.....	31	
New Mexico, general.....	8, 44	
Bayard area, Central district, Grant County.....	108	
Carlisle area, Steeple Rock district, Grant County.....	213	
Central district, Grant County.....	108	
Grant County.....	35, 58, 107, 108, 183, 213	
Hidalgo County.....	35, 111	
Little Hatchet Mountains, Hidalgo and Grant Counties.....	35	
Lordsburg district, Hidalgo County.....	111	
Magdalena district, Socorro County.....	32	
New Placers district, (San Pedro and Carnahan mines) Santa Fe County.....	184	
North area, Cerrillos district, Santa Fe County.....	214	
Organ district, Dona Ana County.....	182	
Pinos Altos district, Grant County.....	58	
Royal John area, Swartz district, Grant County.....	183	
Santa Fe County.....	184, 214	
Santa Rita area, Grant County.....	107	
Tres Hermanas district, Luna County.....	49	
New York, Shawangunk mine, Sullivan County.....	123	
West Branch area, Gouverneur district, St. Lawrence County.....	215	
North Carolina, Gaffney-Kings Mountain quadrangle.....	156	
Redmond mine, Haywood County.....	185	
Oklahoma, Picher field, Ottawa County.....	216	
Tri-State (Joplin) district.....	47, 72, 186, 216	
Wyandotte quadrangle, Tri-State district.....	186	
Oregon, Cascade Range.....	113	
Pennsylvania, Honeybrook quadrangle, Chester County.....	112	
Phoenixville quadrangle, Chester County.....	112	
Reserves.....	71, 236	
Secondary enrichment of ores.....	64, 75	
South Carolina, Gaffney-Kings Mountain quadrangle.....	156	
South Dakota, Black Hills.....	3, 155, 230	
Southern Appalachian region.....	30, 234	
Technology.....	159	
Tennessee, general.....	234	
Bristol quadrangle.....	142	
Bunch Hollow mine, Claiborne County.....	221	
Claiborne County.....	218, 220, 221	
Cleveland quadrangle.....	139	
Copper Ridge district, Knox County.....	217	
Ducktown district.....	21, 30	
East Tennessee.....	41, 159, 234	
Eve Mills area, Monroe County.....	188, 224	
Hardwick area, Bradley County.....	223	
Mascot-Jefferson City area, Jefferson County.....	222	
Maynardville quadrangle.....	144	
Morristown quadrangle.....	140	
Mosheim anticline area, Greene County.....	219	
Powell River area, Claiborne and Union Counties.....	218	
Ritchie prospect, Claiborne County.....	220	
Stiner prospect, Union County.....	187	
Union County.....	187, 218	
Texas, Llano-Burnet region.....	56, 151	
Shafter district, Presidio County.....	117, 189	
Thailand.....	125	
United States, general.....	43, 51, 61, 74, 79, 130, 131, 236, 238, 239, 240, 241	
Utah, general.....	19	
Apex mine, Washington County.....	190	
Bear River Range.....	58	
Beaver Lake district, Beaver County.....	12	
Bingham district, Salt Lake and Tooele Counties.....	5, 40	
Canyon Range.....	13	
Cottonwood-American Fork area, Salt Lake and Utah Counties.....	33, 73	
Fairfield quadrangle, Salt Lake, Tooele, and Utah Counties.....	27	
Ophir district, Tooele County.....	82	
Park City district, Summit County.....	11, 41	

Utah--Continued

Paymaster mine, Washington	
County.....	190
Promontory district,	
Boxelder County.....	76
Salt Lake County.....	5, 27, 33, 40, 73
San Francisco district,	
Beaver County.....	12
Star district, Beaver County.....	12
Stockton quadrangle,	
Tooele County.....	27
Tintic district, Juab and	
Utah Counties.....	17, 136, 143
Tooele County.....	5, 27, 40, 82
Utah County....	17, 27, 33, 73, 136, 143
Virginia, general.....	234
Arcadia area, Scott County.....	225
Bristol quadrangle.....	142
Washington, Bechtol mine, Northport	
district, Stevens County.....	195
Carbo prospect, Northport	
district, Stevens County.....	193
Colville Indian Reservation.....	80
Conconully district,	
Okanogan County.....	76
Lead Hill area, Metaline district,	
Pend Oreille County.....	191
Mataline district, Pend	
Oreille County.....	34, 58, 191, 192
Monte Cristo district,	
Snohomish County.....	138
Northeastern Washington.....	68
Northport district,	
Stevens County.....	193, 194, 195

Washington--Continued

Republic district,	
Ferry County.....	68
Ruby district, Okanogan	
County.....	76
Tom Cat and Hanley prospects,	
Metaline district, Pend Oreille	
County.....	192
Wisconsin, Beetown area,	
Grant County.....	197, 235
Dodgeville, Iowa	
County.....	43
Grant County.....	43, 45, 160
	196, 197, 226, 228, 235
Hazel Green-Shullsburg	
area, Lafayette and Grant	
Counties.....	228
Highland area, Iowa County.....	198
Iowa County.....	43, 45, 160, 196, 198
Lafayette County.....	43, 45
	160, 196, 227, 228
Lancaster-Mineral Point	
quadrangle.....	148
Meekers Grove area,	
Lafayette County.....	227
Mifflin-Cokerville area,	
Grant County.....	226
Prairie du Chien group.....	160
Upper Mississippi Valley.....	43, 45
	160, 196
World resources.....	130, 131, 238
Wyoming, general.....	232

AUTHOR INDEX

- Adams, G. I. 2, 40, 138
 Addison, C. C. 216
 Agnew, A. F. ... 160, 178, 212, 226, 227, 228
 Albers, J. P. 191
 Albritton, C. C., Jr. 182
 Almond, Hy 161
 Anderson, A. L. 118
- Bain, H. F. 41, 42, 43, 44, 45, 138
 Ball, S. H. 7
 Bancroft, Howland 57, 58, 59, 68
 Barclay, M. G. 209
 Barrell, Joseph 138
 Bascom, F. 112
 Bastin, E. S. 14, 73
 Behre, C. H., Jr. 207, 212, 227, 228
 Berman, Harry 103
 Boutwell, J. M. 5, 11, 40, 41
 Bowie, K. R. 216
 Bozion, C. N. 215
 Bridge, Josiah 222
 Brock, M. R. 172
 Brokaw, A. L. 180, 206
 Brooks, A. H. 60
 Brown, E. A. 185
 Brown, G. F. 125
 Brown, J. S. 94
 Buddington, A. F. 87, 96, 113
 Burbank, W. S. 25, 114, 209, 229
 Burchard, E. F. 2, 148
 Butler, B. S. 12, 19, 33, 73, 76, 115
 Byers, Virginia 231
- Calkins, F. C. 6, 33, 50, 67
 Callaghan, Eugene 109, 113, 114
 Campbell, C. D. 192, 193, 194, 195
 Campbell, M. R. 142
 Cannon, Helen 229
 Cannon, R. S., Jr. 34
 Cater, Fred 231
 Chase, F. M. 231
 Chapin, Theodore 96
 Clarke, F. W. 89
 Collier, A. J. 44
 Cooper, J. R. 184
 Creasey, S. C. 163
 Cross, Whitman 146, 147
 Cullison, J. S. 189
 Curtis, J. S. 126, 133
- Darton, N. H. 155
 Dings, M. G. 123, 172
 Duell, G. A. 211
 Dunlap, J. C. 188, 219, 223, 224
- Eckel, E. B. 36
 Ellis, E. E. 43
 Emmons, S. F. 3, 5, 22, 46
 127, 132, 134, 143
 Emmons, W. H. 21, 53, 55, 64, 65, 75, 84
 Engel, A. E. 215
 Espenshade, G. H. 185
- Farwell, F. W. 184
 Fellows, R. E. 124
 Fischer, R. P. 216, 229, 230, 232
 Fitzhugh, E. F., Jr. 239
 Flint, A. E. 198
- Flint, G. M., Jr. 124, 201, 204
 Forrester, J. D. 173, 210
- Galbraith, F. W. 36
 Garrey, G. H. 7, 43
 Gates, G. O. 120, 202
 Gault, H. R. 124, 199, 201, 204
 Gibson, Russell 119
 Gilluly, James 27
 Girty, G. H. 23
 Gladstone, Irvin 187, 192, 220, 225
 Goddard, E. N. 37, 166, 207
 Good, S. E. 174
 Gordon, C. H. 8
 Grant, U. S. 43, 148
 Gratton, L. C. 8, 44
 Griggs, A. B. 175, 177
 Griggs, R. L. 213
- Hadley, J. B. 205
 Hague, Arnold 128, 237
 Hawkes, H. E. 157
 Hayes, C. W. 139
 Helkes, V. C. 17, 19, 33, 73, 76, 93
 Henderson, C. W. 20, 25
 Hewett, D. F. 24, 99, 109
 Heyl, A. V., Jr. 160, 196, 197
 212, 226, 227, 228, 235
 Hill, J. M. 14, 61, 67, 70, 73, 77
 Hobbs, S. W. 175
 Hotz, P. E. 123
 Howe, Ernest 146
 Hunter, J. F. 69
 Hutchinson, R. M. 211, 217
- Irving, J. D. 3, 22, 46, 59
- Jagger, T. A., Jr. 3
 James, H. L. 191
 Jones, C. L. 223
 Jones, E. L., Jr. 67, 73, 76, 83, 86
- Keith, Arthur 5, 21, 41, 140, 144, 156
 Kennedy, V. C. 161a
 Kent, D. F. 159, 187, 217
 218, 219, 221, 225
 Kinkel, A. R., Jr. 190
 Kinney, D. M. 183
 Kirk, Edwin 18
 Knopf, Adolph 18, 26, 62
 67, 69, 78, 85, 95
 Koschmann, A. H. 32, 167, 168, 170
 Kummel, H. B. 150
- Lakin, H. W. 158, 161
 Laney, F. B. 21
 Larsen, E. S. 65, 84, 98, 103
 Lasky, S. G. 35, 108, 111
 Laurence, R. A. 187
 Lindgren, Waldemar 8, 17, 44, 49
 51, 68, 93, 137
 Loughlin, G. F. 13, 17, 19, 22
 32, 73, 81, 82, 91
 Lovering, T. S. 28, 29, 37, 98, 165, 181
 Lyons, E. J. 160, 197, 212, 228, 235
- McAllister, J. F. 164
 MacDonald, D. F. 44, 50

McKnight, E. T. 105, 216, 233, 239
Mansfield, G. R. 23
Mesler, R. D. 186
Miser, H. D. 97, 153
Moore, B. N. 109

Nelson, V. E. 173, 182
187, 211, 220, 225
Neuschel, V. S. 233
Nolan, T. B. 109

Owens, M. F., Jr. 216

Page, J. J. 215
Paige, Sidney 56, 58, 107, 151, 155
Palache, Charles 31, 150
Pardee, J. T. 78, 80, 92, 102
Park, C. F., Jr. 34
Pepperburg, L. J. 54
Pirsson, L. V. 137
Purdue, A. H. 2, 97, 153
Purington, C. W. 135

Ransome, A. L. 239
Ransome, F. L. 1, 6, 10, 39, 43, 85
138, 145, 146, 147, 154
Ray, R. G. 124, 162
Reed, J. C. 104, 120
Reichen, L. E. 158
Richards, A. R. 206
Richards, R. W. 58, 92
Roberts, R. J. 179
Robinson, C. S. 172
Robinson, G. D. 124, 200
Rodgers, John 217, 218
Ross, C. P. 88, 90, 99, 100, 106, 117
Ross, C. S. 30
Rossman, D. L. 124, 204
Rubey, W. W. 109

Salisbury, R. D. 150
Sandburg, A. E. 207
Sanford, Samuel 74
Schaller, W. T. 109
Schrader, F. C. 47, 52, 70, 74, 102
Shaw, E. W. 152
Short, M. N. 101, 116

Siebenthal, C. E. ..47, 72, 79, 130, 149, 186
Sims, P. K. 123
Singewald, Q. D. 115, 121, 122
Smith, G. O. 71, 136, 143
Smith, J. F., Jr. 184, 211
Smith, W. S. T. 4, 40, 149
Spencer, A. C. 15, 107, 150
Spurr, J. E. 7, 43, 129, 138
Staatz, M. H. 185
Sterrett, D. B. 156
Stoll, W. C. 181, 214
Stone, R. W. 58, 74
Stose, G. W. 112
Sullwold, H. H., Jr. 205

Theiler, J. J. 197, 235
Thiel, J. M. 216
Tower, G. W., Jr. 136, 143
Trowbridge, A. C. 152
Twenhofel, W. S. 120, 203
Tweto, O. L. 165, 171

Ulrich, E. O. 2, 4
Umpleby, J. B. 16, 63, 65
66, 67, 69, 86, 99

Vanderwilt, J. W. 110
Van Hise, C. R. 138
Varnes, D. J. 208
Vhay, J. S. 169

Wadsworth, A. H., Jr. 184, 208
Wagner, H. C. 213
Wahrhaftig, Clyde 202
Wallace, R. E. 175, 176
Ward, F. N. 161
Weed, W. H. 9, 137, 138, 141
Weissenborn, A. E. 184, 189
Wells, F. G. 167, 216
Westgate, L. G. 26, 99
Williams, J. S. 36
Winslow, Arthur 38
Wolff, J. E. 40, 150
Woolsey, L. H. 11
Wright, C. W. 48
Wright, F. E. 48



