UNITED STATES

DEPARTMENT OF THE INTERIOR

J. A. Krug, Secretary

GEOLOGICAL SURVEY

William E. Wrather, Director

PRELIMINARY MAPS AND PRELIMINARY REPORTS RELEASED BY THE GEOLOGIC BRANCH AND ALASKAN BRANCH BETWEEN JANUARY 1, 1945 AND JANUARY 1, 1946

(List 2)

This listing was not designated a USGS Circular.
Please identify as Circular 1946.

Compiled by Wenonah H. Eckstein

December 1946

INTRODUCTION

This pamphlet contains a complete list of all the preliminary maps and reports issued by the Geologic Branch and the Alaskan Branch of the Geological Survey during the period between January 1, 1945, and January 1, 1946.

The listed reports embody the results of some of the work done by Survey geologists on mineral deposits in the United States, Alaska, Brazil, and Liberia. The material was released in preliminary form to avoid the delays necessarily attendant upon formal publication, and to make the information promptly available to property owners and mine operators concerned with the production of strategic and critical mineral commodities.

Most of the maps were duplicated by rapid and inexpensive processes such as photostat, van dyke, and ozalid, but some were duplicated by photolith or multilith processes. Most of the maps and reports released for public distribution were prepared in limited editions only; some of these are out of print. Those still available may be obtained from the Director of the Geological Survey, Washington 25, D. C., at the listed price, or without charge if no price is given.

Maps not prepared for general distribution were placed in open files in various Geological Survey offices, offices of other government agencies, and offices of State geological agencies. These maps and reports may be inspected in the listed offices by anyone interested in the report. The names and addresses of these offices are given in the column headed "Remarks." Maps in open file are listed herein under "Remarks," whereas maps available for general distribution are listed under "Maps distributed."

The material is arranged alphabetically, first by commodity and second by location.

CONTENTS- Commodity

PRESS RELEASES ISSUED BY THE GEOLOGIC BRANCH OF THE GEOLOGICAL SURVEY
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	Commodity	Release date	STATE County	Title of press release	Maps distributed	Remarks
45-12	Alumina	1/10/45	WASHINGTON Cowlitz	High-alumina clay deposit near Castle Rock, Cowlitz County, Washington.	None.	Press release placed report, "Preliminary report on the Cowlitz high-alumina clay deposit near Castle Rock, Cowlitz County, Washington," by R. L. Nichols, and 12 illustrations in open file at the Geological Survey offices in Washington, D. C., at Salt Lake City, Utah, and at Spokane, Wash.; at the Washington Division of Geology, Pullman, Wash.; at the Oregon State Department of Geology and Mineral Industries at Portland, Oreg.; and at the U. S. Bureau of Mines, Northwest Experiment Station, Seattle, Wash. Work was done in cooperation with the U. S. Bureau of Mines, Project 1201.
					Twelve illustrations in open file (blue line prints): 1. Index map of western Washington and Oregon. 2. Geologic map showing areas prospected. 3. Structure sections of the Cowlitz high-alumina clay deposit near Castle Rock, Cowlitz County, Wash. By R. E. Nichols and W. E. Hall, 10/1943. 1"-200'. 4. Columnar sections of the Cowlitz high-alumina clay deposit near Castle Rock, Cowlitz County, Wash. By R. E. Nichols and W. E. Hall, 11/1943. 5. Map of reserves in area 1, Cowlitz high-alumina clay deposit. By R. E. Nichols and W. E. Hall, 8/1943. 1"-200'. 6. Map of reserves in area 2, Cowlitz high-alumina clay deposit. By R. E. Nichols and W. E. Hall, 8/1943. 1"-200'. 7. Map of reserves in area 2A, Cowlitz high-alumina clay deposit. By R. E. Nichols and W. E. Hall, 8/1943. 1"-200'. 8. Map of reserves in area 3, Cowlitz high-alumina clay deposit. By R. E. Nichols and W. E. Hall, 8/1943. 1"-200'. 9. Map of reserves in area 4, Cowlitz high-alumina clay deposit. By R. E. Nichols and W. E. Hall, 8/1943. 1"-200'. 10. Map of reserves in area 7, Cowlitz high-alumina clay deposit. By R. E. Nichols and W. E. Hall, 8/1943. 1"-200'. 11. Graph of the tonnage of ore and overburden. 12. Graph of the grade of the ore.	
45-45	Alumina	2/9/45	OREGON Lane	High-alumina clay deposit at Hobart Butte, Lane County, Oregon.	None.	Press release placed report, "Preliminary report as of July 23, 1943, on the high-alumina clay deposit at Hobart Butte, Lane County, Oreg.," by J. S. Loofbourow, Jr., and 11 maps in open file at the Geological Survey offices in Washington, D. C., and Spokane, Wash.; and at the Oregon Department of Geology and Mineral Industries, Portland, Oreg. Work was done in cooperation with the U. S. Bureau of Mines.
					Eleven maps placed in open file (blue line prints): Fig. 1. Index map, aluminous clay, Hobart Butte area, Lane County, Oreg. By R. L. Nichols and J. S. Loofbourow, Jr., 6/1943. (Based on maps of U. S. Forest Service) Fig. 2. Geologic map of Hobart Butte area. (From Geological Survey Bulletin 850, pl. 7) Plate 1. Hobart Butte alumina clay deposit, Lane County, Oreg. Section A-A'. by J. S. Loofbourow, Jr., 6/1943. Plate 2. Section B-B'. Plate 3. Section C-C'. Plate 4. Section D-D'. Plate 5. Section E-E'. Plate 6. Section F-F'. Plate 7. Section G-G'. Plate 8. Section H-H'. Plate 9. Surface map, high-alumina clay deposit, Hobart Butte, Lane County, Oreg. By J. S. Loofbourow, Jr., 7/1943. Plate 10. Hobart Butte alumina clay deposit, Lane County, Oreg. Section I-I'. By J. S. Loofbourow, Jr., 7/1943.	

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45-6	Aluminum	12/10/45	OREGON Columbia Washington Multnomah	Aluminous laterite deposit deposits in northwestern Oregon.	None.	Press release placed report, "Laterite deposits and occurrences in the Portland region, Oreg.," by G. L. Bell, and 7 maps in open file at the Geological Survey offices in Washington, D. C., and Spokane, Wash.; and at the Oregon Department of Geology and Mineral Industries, Portland, Oreg. Work was done in cooperation with the U. S. Bureau of Mines, project No. 1285.
					Seven maps (ozalid prints) in open file: 1. Preliminary geologic map and sections, Yankton area laterite deposit, Columbia County, Oreg., by G. L. Bell, 7/1945; 1"-100'. 2. Preliminary geologic map and sections, Alder Creek laterite deposit, Columbia County, Oreg., by G. L. Bell, 7/1945; 1"-100'. 3. Preliminary geologic map and section, Lambert farm "laterite deposit," Columbia County, Oreg., by G. L. Bell, 7/1945; 1"-100'. 4. Preliminary geologic map, Kramer farm "laterite deposit," Columbia County, Oreg., by G. L. Bell, 7/1945; 1"-100'. 5. Preliminary geologic map and section, Cater road laterite deposit, Columbia County, Oreg., by G. L. Bell, 7/1945; 1"-100'. 6. Preliminary geologic map and section, Anderson road "laterite deposit," Columbia County, Oreg., by G. L. Bell, 7/1945; 1"-100'. 7. Preliminary geologic map and sections, Ranier "laterite deposit," Columbia County, Oreg., by G. L. Bell, 7/1945; 1"-100'.	
45-46	Alunite	4/17/45	UTAH Piute	Winkelman alunite deposit, Marysvale, Utah.	Two maps (blue line prints): 1. Geologic and topographic map of the Winkelman alunite deposit, Marysvale, Utah, by M. S. Willard, V. C. Kelley, and E. Callaghan. 2. Exploration and development at the Winkelman alunite deposit, Marysvale, Utah, by M. E. Willard, V. C. Kelley, and E. Callaghan.	Report: The Winkelman alunite deposit, Marysvale, Utah.
	Alunite	12/14/45	UTAH Piute	Manning Creek alunite deposit, Marysvale, Piute County, Utah.	Strategic Minerals Investigations, Preliminary Map 3-192 1 map (blue line print); no charge. Manning Creek alunite deposit, Marysvale, Piute County Utah, by M. E. Willard, 10/1942; 1"-200'.	Report: Manning Creek alunite deposit, Marysvale, Utah, by M. E. Willard, 11/1945.
45-47	Barite	11/27/45	GEORGIA Bartow	Paga No. 1 barite mine, Cartersville district, Bartow County, Georgia.	None.	Press release placed 2 maps in open file at the Geological Survey offices in Washington, D. C., and College Park, Md., and Cartersville, Ga.; and at the Office of the Director, Department of Mines, State Division of Conservation, Atlanta, Ga. 1. Geologic and topographic map of the Paga No. 1 barite mine, Cartersville district, Bartow County, Ga., by T. L. Kesler, E. P. Kneedler, and I. G. Sohn, 9/1945; 1"-50'. (blue line print) Short text printed on same sheet. 2. Map of the area north of the Paga No. 1 barite mine, Cartersville district, Bartow County, Ga., by T. L. Kesler, E. P. Kneedler, and I. G. Sohn, 9/1945; 1"-40'. (Blue line print)

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	Commodity	Release date	STATE County	Title of press release	Maps distributed	Remarks
45-48	Barite	12/12/45	GEORGIA Bartow	Geologic and topographic map of the Tucker Hollow barite mine, Cartersville district, Bartow County, Ga.	None.	Press release placed one map in open file at the Geological Survey offices in Washington, D. C., Jefferson City, Tenn., and Cartersville, Ga.; and at the Office of the Director, Department of Mines, Mining and Geology, 425 State Capitol, Atlanta, Ga. Geologic and topographic map of the Tucker Hollow barite mine, Cartersville district, Bartow County, Ga., by T. L. Kesler and I. G. Sohn, 10/1945, 1"-50'. (Blue line print)
	Barite	12/5/45	TENNESSEE Blount	Barite prospects in the vicinity of Friendsville Blount County, Tenn.	Strategic Minerals Investigations, Preliminary Map 3-191 1 map (blue line print); no charge. Sketch map showing location of barite prospects in the vicinity of Friendsville, Blount County, Tenn., by J. C. Dunlap; topography from map by TVA. Scale approximately 1"-2,000'.	Report: Barite prospects in the vicinity of Friendsville, Blount County, Tenn., by J. C. Dunlap. Deposits studied and mapped by J. C. Dunlap.
45-19	Chromite	3/27/45	MONTANA Sweetgrass	Chromite deposits of the East Boulder Plateau-Iron Mountain area, Montana.	None.	Press release placed report, "Chromite deposits of the East Boulder Plateau-Iron Mountain area, Sweetgrass County, Mont.," by A. L. Howland, and 4 maps in open file at the Geological Survey offices at Washington, D. C., and at Spokane, Wash. Four maps in open file: 1. Chromite deposits of the East Boulder-Iron Mountain area. (Index map) 2. Geologic map of the East Boulder Plateau chromite deposits, Sweetgrass County, Mont. Geology and topography by A. L. Howland, assisted by R. M. Garrels and W. R. Jones, 1941. 3. Geologic sections of the East Boulder Plateau chromite deposits, Sweetgrass County, Mont., by A. L. Howland, 1941. 4. Geologic map of the east slope of Iron Mountain, Sweetgrass County, Mont., Geology by A. L. Howland and J. W. Peoples, 1940-42. Topography by W. R. Jones and M. G. Bennett, 1940.

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Copper-Lead-Zinc Sheet 1

Commodity	Release date	STATE County	Title of press release	Maps distributed	Remarks
Copper	12/10/45	ARIZONA Pinal	Geology of the San Manuel area, Pinal County, Ariz.	Strategic Minerals Investigations, Preliminary Maps 3-180 Set of 5 maps - $1.00. 1. Index map showing the Old Hat mining district, including the San Manuel area. 1"-80'. 2. Areal distribution of altered and mineralized rock, San Manuel copper exploration and vicinity, Old Hat mining district, Pinal County, Ariz. Geology by D. H. Kupfer and G. M. Schwartz, 1945; 1"-200'. (Ozalid print) 3. Geologic and topographic map of the area of San Manuel copper exploration and vicinity, Old Hat mining district, Pinal County, Ariz. Churn drill holes by U. S. Bureau of Mines; geology by N. P. Peterson, D. H. Kupfer, G. M. Schwartz, and E. E. Gould, 1944. 1"-200'. (Ozalid print) 4. Distribution of rock alteration and copper mineralization, vertical sections through the San Manuel copper exploration and vicinity. Geology by G. M. Schwartz, D. H. Kupfer, and E. E. Gould, 1945; 1"-200'. (Ozalid print) 5. Distribution and structure of rock formations, vertical sections through the San Manuel copper exploration and vicinity. Geology by G. M. Schwartz, D. H. Kupfer, and E. E. Gould, 1945; 1"-200'. (Ozalid print)	Text: Geology of the San Manuel area, Pinal County, Arizona, by G. M. Schwartz. Work done in cooperation with the U. S. Bureau of Mines.
45-49 Copper-molybdenum	11/2/45	ARIZONA Yavapai	Loma Prieta mine, Copper Basin, Yavapai County, Ariz.	None.	Press release placed report, "Report on the Loma Prieta mine, (copper and molybdenum) Copper Basin, Yavapai County, Ariz., by C. A. Anderson, and 5 maps in open files at the Geological Survey offices in Washington, D. C., and at 506 Federal Building, Salt Lake City, Utah; and at the Office of the Director, Arizona Bureau of Mines, Tucson, Ariz. Work was done in cooperation with the Reconstruction Finance Corporation. Five maps (black line prints) in open file: 1. Index map of Copper Basin, Yavapai County, Ariz. 2. Geologic map of area around Loma Prieta mine, Copper Basin, Yavapai County, Ariz. Geology by C. A. Anderson, plane-table survey by S. C. Creasey. June-July, 1943. 3. Loma Prieta mine, Copper Basin, Yavapai County, Ariz., Composite level map. By C. A. Anderson, July 1943. 4. Assay plan, Loma Prieta mine, Copper Basin, Yavapai County, Ariz. By C. A. Anderson, June-July, 1943. Samples taken in joint Geological Survey and RFC sampling program. Other assay data obtained from report by W. Tovote dated July 14, 1917. 5. Loma Prieta mine, Copper Basin, Yavapai County, Ariz., Cross sections. By C. A. Anderson

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Copper-Lead-Zinc Sheet 2

Commodity	Release date	STATE County	Title of press release	Maps distributed	Remarks
45-50 Copper-molybdenum	12/12/45	ARIZONA Pima	Amargosa Molybdenum and Copper Corporation properties, Pima County, Ariz.	None.	Press release placed report, "Report on the properties of the Amargosa Molybdenum and Copper Corporation, Pima County, Ariz.," by C. A. Anderson and D. H. Kupfer, and 9 maps in open files at the Geological Survey offices at Washington, D. C., and Salt Lake City, Utah; and in the Office of the Director, Arizona Bureau of Mines, Tucson, Ariz. Work was done in cooperation with the U. S. Bureau of Mines.
				Nine maps (vandyke prints) in open file: 1. Index map to show location of New Years Eve and Esperanza shafts, Amargosa Molybdenum and Copper Corp., Pima County, Ariz. 2. Amargosa Molybdenum and Copper Cor., New Years Eve mine, Pima mining district, Pima County, Ariz. Geology by C. A. Anderson; topography by D. H. Kupfer, 2/1943; 1"-100'. 3. Composite level map of New Years Eve mine, Amargosa Molybdenum and Copper Corp. (From Calumet and Arizona Mining Co. map, 1907-08). 4. New Years Eve mine, Brunton-tape level maps, Pima County, Ariz. By C. A. Anderson and D. H. Kupfer, 2/1943; 1"-20'. 5. New Years Eve mine, Pima County, Ariz., 200-foot level. Base map in part from map of Calumet and Arizona Mining Co. Geology by C. A. Anderson and D. H. Kupfer, 2/1943; 1"-50'. 6. New Years Eve mine, Pima County, Ariz., cross sections. By C. A. Anderson and D. H. Kupfer, 2/1943; 1"-100'. 7. Amargosa Molybdenum and Copper Corp., Coperos Gulch, Pima mining district, Pima County, Ariz. Topography by D. H. Kupfer, geology by C. A. Anderson, 5/1943; 1"-100'. 8. Amargosa Molybdenum and Copper Corp., Esperanza claims, Coperos Gulch, Pima mining district, Pima County, Ariz. By C. A. Anderson and D. H. Kupfer, 5/1943; 1"-100'. 9. Cross sections, Coperos Gulch, by C. A. Anderson and D. H. Kupfer, 7/1944; 1"-100'.	
Copper-zinc	11/5/45	CALIFORNIA Mariposa	Foothill copper-zinc belt of the Sierra Nevada	Strategic Minerals Investigations, Preliminary Map 3-184 Fig. 1. Index map, Foothill copper belt, Calif. Fig. 2. Tectonic map of the American Eagle-Blue Moon area. Plate 1. Geologic map of the American Eagle-Blue Moon area. Surveyed by J. H. Eric and M. W. Cox, 9,10/1944; 1"-200'. Plate 2. Sections and vertical projection, American Eagle-Blue Moon area. By J. H. Eric and M. W. Cox; 1"-200'. Plate 3. Composite map of the Blue Moon mine. Drill data from map furnished by J. H. A. Williams; underground workings surveyed by M. W. Cox, 2/1944; 1"-40'. Plate 4. Geologic level maps of the Blue Moon mine. Surveyed by M. W. Cox, 2/1944; 1"-20'. Plate 5. Section A-A'. Plate 6. Section B-B'. Plate 7. Vertical projection along line C-C'. Plate 8. Geologic map of the American Eagle adit (shows location of Bureau of Mines drill holes). Surveyed by J. H. Eric and M. W. Cox, 10/1944; 1"-40'. Plate 9. Section and vertical projection of the American Eagle prospect (shows Bureau of Mines drill holes). By J. H. Eric and M. W. Cox, 10/1944 1"-40'.	Text: Copper-zinc deposits of the American Eagle-Blue Moon area, Mariposa County, Calif. By J. H. Eric and M. W. Cox. (Printed on sheet with figure 1.)

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Copper-Lead-Zinc Sheet 3

Commodity	Release date	STATE County	Title of press release	Maps distributed	Remarks
45-51 Copper-zinc	10/19/45	CALIFORNIA Calaveras	Foothill copper-zinc belt of the Sierra Nevada, copper-zinc deposits of the Penn mine, Calaveras County, Calif.	None.	Press release placed report, Copper-zinc deposits of the Penn mine, Calaveras County, Calif.," by G. R. Heyl, M. W. Cox, and J. H. Eric, and 21 maps in open file at the Geological Survey offices in Washington, D. C., and Salt Lake City, Utah; and at the Office of the State Geologist, California Division of Mines, San Francisco, Calif.

Twenty-one maps in open file:

1. Index map, Foothill copper belt, Calif. 1"-15 miles.
2. L. W. Thayer property map. Property map, Penn Mining Co., Campo Seco, Calif. (Photostat of Penn Mining Co. Map) 1"-250'.
3. Penn mine, Calaveras County, Calif. Compiled by J. H. Eric from maps of Penn Mining Co., 1/1945. 1"-100'.
4. Geologic map of Penn mine area, Calaveras and Amador Counties Calif. Geology by G. R. Heyl, M. W. Cox, J. H. Eric, J. B. Hadley, and G. L. Quick; triangulation by M. H. Staatz, M. W. Cox, D. G. Wyant, and G. R. Heyl. 1"-100'.
5. Geologic map of the No. 2 shaft area, Penn mine, Calaveras County, Calif. Surveyed by M. W. Cox, J. H. Eric, 7,8/1944. 1"-40'.
6. Columnar sections of stratigraphic units at the Penn mine, Calaveras County, Calif. Vertical scale: 1"-1,000'; 2/1945.
7. Geologic map showing alteration zones and principal rock types, Penn mine, Calaveras County, Calif. 1"-500'; 2/1945.
8. Geologic level maps of No. 3 shaft workings, Penn mine, Calaveras County, Calif. Geology by G. R. Heyl, M. W. Cox, J. B. Hadley, M. H. Staatz, D. G. Wyant, and J. H. Eric. (Outline of workings from company maps.) 1"-40'.
9. Geologic level maps of No. 2 shaft workings, Penn mine, Calaveras County, Calif. Geology by G. R. Heyl, M. W. Cox, J. B. Hadley, M. H. Staatz, D. G. Wyant, and J. H. Eric, 1943-45. (Outline of workings taken from company maps) 1"-40'.
10. Tectonic map of the 500 level, No. 2 shaft, Penn mine, Calaveras County, Calif. Surveyed by G. R. Heyl, M. W. Cox, J. H. Eric, 1944; 1"-40'.
11. Tectonic map of the 700 level, No. 2 shaft, Penn mine, Calaveras County, Calif. Surveyed by J. H. Eric, M. W. Cox, and D. G. Wyant, 1944; 1"-40'.
12. Vertical section A-A', No. 2 shaft area, Penn mine, Calaveras County, Calif. 1/1945.
13. Vertical section B-B', No. 2 shaft area, Penn mine, Calaveras County, Calif. 1/1945.
14. Vertical section C-C', No. 2 shaft area, Penn mine, Calaveras County, Calif. 1/1945.
15. Section D-D', along No. 2 shaft, Penn mine, Calaveras County, Calif. Geology in shaft mapped by G. R. Heyl, M. W. Cox, M. H. Staatz, 1944-45. 1"-40'.
16. Section E-E' along No. 3 shaft, Penn mine, Calaveras County, Calif. Geology in shaft mapped by G. R. Heyl, D. G. Wyant, and M. W. Cox, 1944-45. 1"-40'.
17. Vertical projection and sections V-V', X-X', No. 3 shaft area, Penn mine, Stopes above 1100 level from section by H. S. Jordan 3/1919; stopes and assay data below 1400 level from report by J. Kruttschnitt, 1926; outline of workings from company maps; geology by Geological Survey, 1943-45. 1"-100'.
18. Vertical projection No. 2 shaft area, Penn mine. Outline of workings from company maps; stoped areas and assay data from report by J. Kruttschnitt, 1926; modified by Geological Survey, 1943-45. 1"-40'.
19. Interpretations of Campo Seco fault, Penn mine, Calaveras County, Calif. Some data from C. F. Tolman, The Foothill copper belt of California: XVI Internat. Geol. Congress, Copper resources of the World, Vol. 1, pp. 247-250, 1935.
20. Composite section through the No. 2 shaft area, Penn mine. 1"-200'.
21. Diagrammatic sections and plans of ore bodies in the No. 2 and No. 3 shaft areas, Penn mine, Calaveras County, Calif. 2/1945.

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Copper-Lead-Zinc Sheet 4

	Commodity	Release date	STATE County	Title of press release	Maps distributed	Remarks
45-34	Copper	9/24/45	MONTANA Madison	Geology and ore deposits of the Moffet-Johnston property, Madison County, Montana.	None.	Press release placed report, "Geology and ore deposits of the Moffet-Johnston property, Madison County, Mont.," by R. P. Full and F. C. Armstrong, 2/1945, and 9 maps in open file at the Geological Survey offices in Washington, D. C, and Spokane, Wash.; and at the Post Office, Sheridan, Mont. Work was done in cooperation with the U. S. Bureau of Mines.
					Mine maps (ozalid prints) in open file: 1. Geologic-topographic map, Moffet-Johnston property, Madison County, Mont. Geology and topography by Geological Survey; base control by U. S. Bureau of Mines. 2. Claim map, Moffet-Johnston property, Madison County, Mont. 1"-200'. 3. Geologic map of miscellaneous workings, Moffet-Johnston property, Madison County, Mont. 1"-40'. 4. Assay map of Moffet level, Moffet-Johnston property, Madison County, Mont. Sampling and assaying by U. S. Bureau of Mines. 1"-40'. 5. Geologic map of Moffet level. Base map from transit survey by U. S. Bureau of Mines. 1"-40'. 6. Geologic map of Johnston level. Base map from transit survey by U. S. Bureau of Mines. 1"-100'. 7. Geologic sections, Moffet-Johnston property, Madison County, Mont. 1"-100'. 8. Drill hole sections, Moffet-Johnston property, Madison County, Mont. 1"-40'. 9. Surface assay map, Moffet-Johnston property, Madison County, Mont. Sampling and assaying by U. S. Bureau of Mines. 1"-40'.	
45-9	Copper	11/2/45	NEW JERSEY Warren Bergen-	The Arlington copper mine, North Arlington, N. J., and the Pahaquarry copper mine, Pahaquarry, N. J.	None.	Press release placed 2 reports and 6 maps in open file at the Geological Survey in Washington, D. C., and at the Office of the State Geologist, State Department of Conservation and Development, Trenton, N. J. Report: The Arlington copper mine, North Arlington, N. J., and two maps: Fig. 1. Cross section A-A', Arlington copper mine, by H. R. Cornwall, 6/1943; 1"-20'. Plate 1. Arlington copper mine, Arlington, N. J., by H. R. Cornwall, 6/1943, 1"-50'. Report: The Pahaquarry copper mine, Pahaquarry, N. J., and four maps: Fig. 1. Cross section B-B', of the area developed, by H. R. Cornwall, 6/1943. Fig. 2. Plan of Tunnel 1 and plan of Tunnel 2. By H. R. Cornwall, 6/1943. Plate 1. Pahaquarry copper mine, Pahaquarry, N. J. By H. R. Cornwall, 6/1943; 1"-200'. Plate 2. Watershed and main quarry, Pahaquarry, N. J. By H. R. Cornwall, 6/1943; 1"-50'.
45-31	Copper	4/28/45	NEW MEXICO Santa Fe	San Pedro and Carnahans, New Placers mining district, Santa Fe County, N. Mex.	None.	Press release placed report, "New Placers mining district, San Pedro and Carnahan mines," by J. F. Smith, A. H. Wadsworth, J. R. Cooper, F. W. Farwell, and A. E. Weissenborn, and 14 maps in open file at the Geological Survey offices in Washington, D. C., and Rolla, Mo., and at the Regional Office of the Conservation Branch, Geological Survey, Carlsbad, N. Mex.

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Copper-Lead-Zinc Sheet 5

Commodity	Release date	STATE County	Title of press release	Maps distributed	Remarks
Copper (Con't.)	4/28/45	NEW MEXICO		Fourteen maps (black line prints in open file: Fig. 1. Index map showing location of New Placers district, Santa Fe County, N. Mex. Fig. 2. Detailed section of raise from 24 stope to 50 stope, San Pedro mine, New Placers district, Santa Fe County, N. Mex. Geology by J. R. Cooper, F. W. Farwell, and A. E. Weissenborn, 7/1944. Plate 1. Reconnaissance map of New Placer district, Santa Fe County, N. Mex. Geology by J. F. Smith and A. H. Wadsworth, 7/1943; 1"-2400'. Plate 2. Geologic and topographic map of the San Pedro mine and vicinity, New Placers district, Santa Fe County, N. Mex. Geology by J. F. Smith and A. H. Wadsworth, 7/1943; revised in part by J. R. Cooper and F. W. Farwell, 7/1944; and by A. E. Weissenborn, 12/1944; 1"-200'. Plate 3. Composite plan of the San Pedro mine, showing marble line, New Placers district, Santa Fe County, N. Mex. Workings from map by the Rascob Mining Interests, Inc. 1"-200'. Plate 4. Geologic plan of Swan Tunnel level, San Pedro mine, New Placers district, Santa Fe County, N. Mex. By J. R. Cooper and F. W. Farwell, 7/1944; 1"-60'. Plate 5. Geologic plan of No. 2 tunnel and Home tunnel, San Pedro mine, New Placers district, Santa Fe County, N. Mex. Geology by J. F. Smith, A. H. Wadsworth, J. R. Cooper, and F. W. Farwell, 6/1944; 1"-50'. Plate 6. Geologic plan of stopes in 50 bed, West Stope bed, and other beds, San Pedro mine, New Placers district, Santa Fe County, N. Mex. By J. F. Smith and A. H. Wadsworth, J. R. Cooper, and F. W. Farwell, 7/1943 and 6/1944; 1"-50'. Plate 7. Plan of stopes and connecting workings on upper and lower 24 beds, San Pedro mine, New Placers district, Santa Fe County, N. Mex. By J. F. Smith, A. H. Wadsworth, J. R. Cooper, F. W. Farwell, and A. E. Weissenborn, 6/1944; 1"-50'. Plate 8. Composite plan of stopes west of shaft fault, showing scheelite concentrations, San Pedro mine, New Placers district, Santa Fe County, N. Mex. Base map by A. Locke and E. H. Perry, 1916; geology by J. R. Cooper and F. W. Farwell, 7/1944; 1"-50'. Plate 9. Composite plan of stopes east of shaft fault, San Pedro mine, New Placers district, Santa Fe County, N. Mex. Geology by J. R. Cooper, F. W. Farwell and A. E. Weissenborn, 7/1944; 1"-50'. Plate 10. Geologic sections of the San Pedro mine, New Placers district, Santa Fe County, N. Mex. Geology by J. R. Cooper, F. W. Farwell, and A. E. Weissenborn, 7/1944; 1"-50'. Plate 11. Generalized section through Richman shaft, San Pedro mine, New Placers district, Santa Fe County, N. Mex. By J. R. Cooper and F. W. Farwell, 7/1944; 1"-200'. Plate 12. Geologic plan of the Carnahan mine, New Placers district, Santa Fe County, N. Mex. By J. F. Smith and A. H. Wadsworth, 7/1943; 1"-50'.	
45-22 Copper	9/19/45	TEXAS Hudspeth Culberson	Geology and ore deposits of the Allamoore-Van Horn copper district, Hudspeth and Culberson Counties, Tex.	None.	Press release placed report, "Geology and ore deposits of the Allamoore-Van Horn copper district, Hudspeth and Culberson Counties, Tex.," by R. D. Sample and E. E. Gould, (mimeographed), and 4 maps in open files at the Geological Survey offices at Washington, D. C. and Rolla, Mo.; at the Office of the Director, Bureau of Economic Geology, University of Texas, Austin, Tex.; at the Office of the Dean of Engineering, College of Mines and Metallurgy, El Paso, Tex.; and at the Post Office, Van Horn, Tex.
				Four maps in open file: Fig. 1. Index map of the Allamoore-Van Horn mining district. Base map from P. B. King, U. S. Geol. Survey Oil and Gas Investigations, Preliminary Map 2, 1944. Plate 1. Geologic and topographic map of the Sancho Panza, St. Elmo, and Black Shaft mines, and adjacent area, Allamoore mining district, Hudspeth County, Tex. By R. D. Sample and E. E. Gould, 1"-100'. Plate 2. Underground workings of the Black Shaft mine, Allamoore mining district, Hudspeth County, Tex. By R. D. Sample and E. E. Gould, 1944; 1"-20'. Plate 3. Generalized composite map of the Hazel mine, Culberson County, Tex. By R. D. Sample and E. E. Gould, 1944; 1"-30'.	

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Copper-Lead-Zinc Sheet 6

	Commodity	Release date	STATE County	Title of press release	Maps distributed	Remarks
45-52	Lead-zinc	12/13/45	COLORADO Summit Eagle Lake	The Kokomo zinc-lead district, Colorado.	None.	Press release placed report, "Preliminary Report on Kokomo mining district, Colo.," and 2 maps in open file at the Geological Survey offices in Washington, D. C. and in Denver, Colo.; at the Office of the State Commissioner of Mines and Chairman of the Colorado Geological Survey Board, 200 State Museum Building, Denver, Colo.; and at the Office of the Secretary, Colorado Metal Mining Fund, 204 State Office Building, Denver 2, Colo. Work was done in cooperation with the Colorado State Geological Survey Board and with the Colorado Metal Mining Fund. This release supersedes the map released by a press notice dated March 22, 1944, "Geologic map of the Kokomo mining district, Colo." Two maps (photolith) in open file: 1. Geologic map of the southwestern part of the Kokomo mining district, Colorado. Geology by A. H. Koschmann and J. W. Odell, 1944. 2. Geologic map of the northeastern part of the Kokomo mining district, Colorado. Geology by A. H. Koschmann and J. W. Odell, 1944.
45-5	Lead-zinc	1/17/45	IDAHO Shoshone	Zinc-lead mines of the Pine Creek area, Coeur d'Alene region, Shoshone County, Idaho.	None. Seven maps (chromoliths) in open file: 1. Maps of the Bobby Anderson mine; (1) Composite map of all levels. (2) Plan of main haulage level. Geology by V. E. Nelson, 1943. 2. Maps of the Constitution mine; (1) Composite map of all levels. (2) Longitudinal projection. (3) Plan of 200 level. (4) Plan of 400 level. (5) Plan of 600 level. (6) Plan of 800 level. Geology by J. D. Forrester, 1943. 3. Maps of the Douglas mine; (1) Composite map of all levels. (2) Longitudinal projection. (3) Plan of 200 level. (4) Plan of 300 level, Marmion tunnel. Geology by J. D. Forrester, 1943. 4. Maps of the Highland-Surprise mine; (1) Composite map of all levels. (2) Longitudinal projection. (3) Plan of No. 3 tunnel. (4) Plan of No. 4 tunnel. (5) Plan of 100 level. (6) Plan of 200 level. (7) Plan of 300 tunnel. (8) Plan of 300 level. (9) Plan of 500 level. Geology by J. D. Forrester, 1943. 5. Maps of the Little Pittsburg mine; (1) Composite map of all levels. (2) Longitudinal projection. (3) Plan of Upper tunnel. (4) Plan of Lower tunnel. Geology by J. D. Forrester, 1943. 6. Maps of the Lookout Mountain mine; (1) Plan of upper tunnel. (2) Plan of lower tunnel. Geology by J. D. Forrester, 1943. 7. Maps of the Northern Light mine; (1) Composite map of all levels. (2) Plan of Brown tunnel. (3) Plan of 50 level. (4) Plan of 200 level. (5) Plan of 400 level. Geology by V. E. Nelson, 1943.	Press release placed report, "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, and 7 maps in open file at the Geological Survey offices at Washington, D. C., and in Spokane, Wash.

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Copper-Lead-Zinc Sheet 7

	Commodity	Release date	STATE County	Title of press release	Maps distributed	Remarks
45-53	Lead-zinc	6/13/45	TENNESSEE Claiborne Union	Powell River zinc-lead area, Claiborne and Union Counties, east Tennessee.	One map: Areal and economic geology of the Powell River area, Claiborne and Union Counties, Tenn. Areal geology by J. Rodgers, R. A. Laurence, D. F. Kent, C. H. Behre, Jr.; economic geology by D. F. Kent, R. A. Laurence, J. Rodgers, and C. H. Behre, Jr.	Report: Areal and economic geology of the Powell River area, Claiborne and Union Counties, Tenn. By D. F. Kent and J. Rodgers (mimeographed). Available from the Director, Geological Survey, Washington 25, D. C. No charge.
45-54	Zinc	8/25/45	TENNESSEE Greene	The Mosheim anticline area, Greene County, Tennessee.	Two maps: 1. The Brown-Tipton zinc area, Greene County, Tenn. Geology by D. F. Kent and R. A. Laurence; topography by C. L. Jones, 1944; 1"-100'. (blue-line) 2. Geologic map of the Mosheim anticline, Greene County, Tenn. Geology by J. Rodgers and J. C. Dunlap, 1944; 1"-24,000. (Photostat).	Report: The Mosheim anticline, Greene County, Tenn. By D. F. Kent and J. C. Dunlap. (mimeographed)
45-55	Zinc	7/24/45	VIRGINIA Scott	Arcadia zinc area, Scott County, Virginia.	One map: Map of the Arcadia zinc area, Scott County, Va. Geology and topography by I. Gladstone and V. E. Nelson, 6/1944; 1"-100'.	Report: The Arcadia zinc area, Scott County, Va., by I. Gladstone, V. E. Nelson, and D. F. Kent. Available from the Director, Geological Survey, Washington, D. C., without charge.
45-56	Zinc	5/19/45	WASHINGTON Stevens	Geology of the Carbo zinc prospect, Northport district, Stevens County, Washington.	None.	Press release placed report, "Geology and ore deposits of the Carbo zinc prospect, Northport district, Stevens County, Wash.," by C. D. Campbell, and 2 maps in open file at the Geological Survey offices in Washington, D. C., and in Spokane, Wash. Two maps (brown-line prints) in open file: 1. Outcrop map, Carbo prospect, Northport district, Stevens County, Wash. By C. D. Campbell and F. M. Paprich, 1/1945. 2. Sections A-A' and B-B', Carbo prospect, Northport district, Stevens County, Wash. By C. D. Campbell and F. M. Paprich, 1/1945.
45-57	Zinc	4/2/45	WISCONSIN Lafayette	Zinc deposits of the Grove (Jenkinsville) area, Wisconsin.	One map (blue-line print): Meekers Grove (Jenkinsville) zinc-lead area, Lafayette County, Wis. By A. V. Heyl, Jr., A. F. Agnew, and C. H. Behre, Jr., 1944.	Report: Zinc deposits of the Meekers Grove (Jenkinsville) area of the Wisconsin zinc-lead district, by A. V. Heyl, Jr., A. F. Agnew, and C. H. Behre, Jr. (mimeographed)

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	Commodity	Release date	STATE County	Title of press release	Maps distributed	Remarks
45-11	Dolomite	9/19/45	U. S.	Distribution of dolomite deposits in western United States.	One map: Index map of western United States showing distribution and age of dolomite deposits. 1:2,500,000.	Report: Distribution of dolomite deposits in the western States. By Charles Deiss. (mimeographed) Available from the Director, Geological Survey, Washington 25, D. C., without charge.
45-35	Dolomite	9/17/45	WASHINGTON Stevens	Dolomite deposits near Marble, Stevens County, Wash.	Three maps (ozalid prints): 1. Index map showing location of dolomite deposit near Marble, Stevens County. 2. Dolomite deposit near Marble, Stevens County, Wash. Geology and topography by C. Deiss and G. E. Ericksen; surveyed in 1943-44; 1"-200'. 3. Geologic structure sections of dolomite deposit near Marble, Stevens County, Wash. 1"-200'.	Report: Dolomite deposit near Marble, Stevens County, Wash. By C. Deiss. (mimeographed)
45-58	Emery	3/19/45	MASSACHUSETTS Hampden	Emery deposits near Chester, Mass.	None.	Press release placed report, "Emery deposits near Chester, Mass.," by E. T. Apfel, and 4 maps in open file at the Geological Survey in Washington, D. C.; at the Massachusetts Department of Public Works, Boston, Mass.; and at the Massachusetts Development and Industrial Commission, Boston, Mass. The work was done in cooperation with the Massachusetts Department of Public Works. Deposits studied and mapped by E. T. Apfel. Four maps in open file: 1. Geologic map of the Chester emery area, Mass. 2. Diagrammatic section through the Chester emery vein, Chester, Mass. 3. Longitudinal section of "Old Emery mine," Chester, Mass. 4. Topographic and geologic map along part of emery vein, Chester, Mass.
45-8	Fluorspar	4/25/45	KENTUCKY Crittenden Livingston	Geology and fluorspar deposits of the Moore Hill fault system, Crittenden and Livingston Counties, Ky.	None.	Deposits studied and mapped by W. R. Thurston and G. C. Hardin, Jr., 2/1945. Press release placed report, "Preliminary notes on the geology of the Moore Hill fault system, Crittenden and Livingston Counties, Ky.," and 2 maps (8 sheets) in open file at the Geological Survey offices at Washington, D. C., and Rolla, Mo.; and at the Post Office, Marion, Ky.
					Two maps (blue line prints) in open file: 1. Property assemblage along the Moore Hill fault system, Crittenden and Livingston Counties, Ky., and index to individual geologic and topographic sheets. 2. Preliminary geologic and topographic map of part of the Moore Hill fault system, Crittenden and Livingston Counties, Ky. Sheet 1. Geology and topography by G. C. Hardin, Jr., H. J. Klepser, D. A. Warner, and R. T. Russell, 9/1944. Sheet 2. Geology and topography by G. C. Hardin, Jr., H. J. Klepser, D. A. Warner, and R. T. Russell, 9/1944. Sheet 3. Geology and topography by G. C. Hardin, Jr., H. J. Klepser, D. A. Warner, and R. T. Russell, 9/1944. Sheet 4. Geology and topography by G. C. Hardin, Jr., W. R. Thurston, H. J. Klepser, D. A. Warner, 9/1944. Sheet 5. Geology and topography by W. R. Thurston, G. C. Hardin, Jr., R. D. Trace, and H. E. Rothrock, 9/1944.	

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	Commodity	Release date	STATE County	Title of press release	Maps distributed	Remarks
	Fluorspar (con't)	4/25/45	KENTUCKY Crittenden Livingston		Sheet 6. Geology and topography by W. R. Thurston, G. C. Hardin, Jr., R. D. Trace, H. J. Klepser, and D. A. Warner, 9/1944. Sheet 7. Geology and topography by W. R. Thurston, G. C. Hardin, Jr., R. D. Trace, H. J. Klepser, and D. A. Warner, 9/1944.	
45-7	Fluorspar	5/26/45	KENTUCKY Livingston	Geology of the Royal (fluorspar) mine area, Livingston County, Ky.	None.	Press release placed report, "Preliminary notes on the geology of the Royal mine area, Livingston County, Ky.," by H. J. Klepser, and 2 maps in open file at the Geological Survey offices in Washington, D. C., and Rolla, Mo.; and at the Post Office, Marion, Ky. Two maps (blue line prints) in open file: 1. Preliminary geologic and topographic map of the Royal mine area, Livingston County, Ky. Geology and topography by G. C. Hardin, Jr., and H. J. Klepser, E. T. Russell, and D. A. Warner, 12/1944. 2. Geologic maps and sections of the Royal mine, Livingston County, Ky. Compass and tape map by H. J. Klepser and D. A. Warner.
45-59	Fluorspar	4/8/45	NEW MEXICO Sierra	Geology of the White Star, Oakland, and Universal fluorspar veins near Hot Springs, Sierra County, N. Mex.	Four maps (blue line prints): 1. Geologic and topographic map of the White Star, Oakland, and Universal veins near Hot Springs, Sierra County, N. Mex. By H. E. Rothrock and R. G. Smalley, 1943-44; 1"-200'. 2. Geologic and topographic map of the White Star fluorspar vein, Sierra County, N. Mex. Geology by R. H. Earhart, 7/1943; H. E. Rothrock, 11/1943; R. G. Smalley, 11/1943 and 3/1944; 1" -50'. Topography by R. G. Smalley, 7/1943; J. K. Grunig 11/1943; and D. A. Warner, 3/1944. 3. Geologic and topographic map of the Oakland fluorspar vein, Sierra County, N. Mex. Geology by R. G. Smalley, 4/1944, revised by H. E. Rothrock, 1945; topography by D. A. Warner, 4/1944. 1" -50'. 4. Geological map of the Universal fluorspar vein, Sierra County, N. Mex. Base by J. K. Grunig; geology by H. E. Rothrock, 1943-44. 1" -50'.	Report by H. E. Rothrock Work was done in cooperation with the U. S. Bureau of Mines and the Humphreys Gold Corp. Available from the Director, Geological Survey, Washington 25, D. C., without charge.
45-3	Fluorspar	3/3/45	NEW MEXICO Valencia	Geology of the 21 and 27 fluorspar mines, Zuni Mountains, Valencia County, N. Mex.	None.	Press release placed report, "The 21 and 27 fluorspar mines, Zuni Mountains, Valencia County, N. Mex.," by E. N. Goddard, and 1 map in open file at the Geological Survey offices in Washington, D. C., and Rolla, Mo.; and at the New Mexico School of Mines Library, Socorro, N. Mex. One map in open file: Geologic map and longitudinal sections of the 21 and 27 fluorspar mines and vicinity, Zuni Mountains, Valencia County, N. Mex., by E. N. Goddard and G. C. Tague, 10/1944.

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Fuels Sheet 1

Commodity	Release date	STATE County	Title of press release	Maps distributed	Remarks
Asphalt	7/23/45	CALIFORNIA Kern	Bituminous sandstone deposits in the McKittrick district, Kern County, Calif.	Oil and gas investigations, Preliminary Map 35. Chromolith; price 35¢. Asphalt and bituminous sandstone deposits of part of the McKittrick district, Kern County, Calif. By B. M. Page, E. L. Henrickson, M. D. Williams, and T. G. Moran, 1945. Fig. 1. Index map of southern California. Fig. 2. Cross section along line A-A'. Fig. 3. Cross section along line B-B'.	Text: Asphalt and bituminous sandstone deposits of a part of the McKittrick district, Kern County, Calif. By B. M. Page. (On same sheet with map). Available from the Director, Geological Survey, Washington, D. C., and on sale at Survey offices at 533 U. S. Post Office and Courthouse Building, Los Angeles, Calif.
Asphalt	1/20/45	OKLAHOMA Murray	Asphalt deposits near Sulphur, Murray County, Okla.	Oil and gas investigations, Preliminary Map 22. Photolith; price 40¢. Geologic map of the Sulphur asphalt area, Murray County, Okla. By G. M. Flint, J. M. Gorman, C. E. Deaker, and W. E. Ham.	Text: Asphalt deposits near Sulphur, Murray County, Okla. (On same sheet with map).
45-17 Coal	5/21/45	WASHINGTON King	New map of coal fields of King County, Wash.	Preliminary map - unnumbered. Photolith; price 50¢. Preliminary geologic map and brief description of the coal fields of King County, Wash. By W. C. Warren, H. Norbisrath, R. M. Grivetti, and S. P. Brown.	Text: Coal fields of King County, Wash. By W. C. Warren. (On same sheet with map).
Oil and gas	10/17/45	ALABAMA Tuscaloosa	New formations recognized in Tuscaloosa group on outcrop.	Oil and gas investigations, Preliminary Map 37. Photolith; price 55¢. Geologic map of Tuscaloosa and Cottondale quadrangles, showing areal geology and structure of Upper Cretaceous formations. By L. C. Conant, D. H. Eargle, W. H. Monroe and J. H. Morris. Columnar section of rocks exposed in Tuscaloosa and Cottondale quadrangles.	Text: Stratigraphy of the Tuscaloosa group in the Tuscaloosa and Cottondale quadrangles, Ala. By L. C. Conant and W. H. Monroe. (On same sheet with map).
Oil and gas		ARIZONA	See under Colorado.		
Oil and gas	5/23/45	ARIZONA Apache Coconino Gila Maricopa Navajo Yavapai	Oil and gas possibilities of northeastern Arizona.	Oil and gas investigations, Preliminary Chart 10. Photolith; price 40¢. Late Paleozoic stratigraphy of central and northeastern Arizona. By J. W. Huddle and E. Dobrovolny, 1945.	Text: Late Paleozoic stratigraphy and oil and gas possibilities of central and northeastern Arizona. By J. W. Huddle and E. Dobrovolny. (On same sheet with map). Maps on sale at Geological Survey offices at 234 Federal Building, Tulsa, Okla.; 314 Boston Building, Denver, Colo.; and 533 U. S. Post Office and Courthouse Building, Los Angeles, Calif.
Oil and gas	2/2/45	CALIFORNIA Santa Barbara	New geologic map of Santa Maria oil district, Calif.	Oil and gas investigations, Preliminary Map 14. Photolith; price $3.00 per set of 6 sheets. Geologic map of Santa Maria district, Santa Barbara County, Calif. Sheet 1. Explanation. Sheets 2-6. Geology by W. P. Woodring, M. N. Bramlette, K. E. Lohman, and R. P. Bryson, 1938-40.	No text. Map base from airplane photograph mosaic sheets prepared by Fairchild Aerial Surveys.
Oil and gas	2/10/45	CALIFORNIA Los Angeles Riverside San Bernardino	Oil possibilities in the Puente and San Jose Hills, Calif.	Oil and gas investigations, Preliminary Map 23. Photolith; price 60¢. Geology and oil possibilities of Puente and San Jose Hills, Calif. By A. O. Woodford, J. S. Shelton, and T. G. Moran.	Text: Stratigraphy and oil possibilities of Puente and San Jose Hills, Calif., by A. O. Woodford, J. S. Shelton, and T. G. Moran. (On same sheet with map).

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Fuels Sheet 2

Commodity	Release date	STATE County	Title of press release	Maps distributed	Remarks
Oil and gas	2/13/45	CALIFORNIA Monterey	Possibilities of oil accumulation in stratigraphic traps in Salinas Valley, Calif.	Oil and gas investigations, Preliminary Map 24. Photolith; price 35¢. Geology and oil possibilities of the Salinas Valley, Calif. By M. N. Bramlette and S. N. Daviess; 1"=2 miles. Figure 1. Variations in stratigraphic position and thickness of the Vaqueros sandstone in the Salinas Valley, Calif.	Text: Stratigraphy as related to oil possibilities of the Salinas Valley, Calif. By M. N. Bramlette and S. N. Daviess. (On same sheet with map).
Oil and gas	2/13/45	CALIFORNIA Santa Barbara	Possible stratigraphic traps for oil accumulation in eastern Purisima Hills district, Santa Barbara County, Calif.	Oil and gas investigations, Preliminary Map 26. Photolith; price 35¢. Geology of Santa Rosa Hills-eastern Purisima Hills district, Santa Barbara County, Calif. By W. P. Woodring, J. S. Loofbourow, Jr., and M. N. Bramlette. One sheet with geologic map, 4 structure sections, and 11 columnar sections showing variations in thickness and character of Vaqueros sandstone.	Text: Miocene stratigraphy of Santa Rosa Hills-eastern Purisima Hills district, Calif. By W. P. Woodring and J. S. Loofbourow, Jr. (On same sheet with map).
Oil and gas	3/15/45	CALIFORNIA Santa Cruz	Bituminous sandstone deposits near Santa Cruz, Santa Cruz County, Calif.	Oil and gas investigations, Preliminary Map 27. Chromolith; price 60¢. Geology of the bituminous sandstone deposits near Santa Cruz County, Calif. By B. M. Page, M. D. Williams, E. L. Henrickson, C. N. Holmes, and W. J. Mapel. Fig. 1. Outline map of California showing location of Santa Cruz. Fig. 2. Map of region around Santa Cruz, Calif. Fig. 3. Generalized columnar section showing stratigraphic variations in the Santa Cruz asphalt district. Fig. 4. Geologic and topographic map of bituminous sandstone deposits west of Santa Cruz, Calif. 1"=300'. Fig. 5. Geologic and topographic map of bituminous sandstone deposits northwest of Santa Cruz, Calif. 1"=300'. Fig. 6. Sections along lines A-A' and B-B' on figure 4. Fig. 7. Section along line C-C' on figure 5.	Text: Bituminous sandstone deposits near Santa Cruz, Santa Cruz County, Calif. By B. M. Page and C. N. Holmes. (On same sheet with map).
Oil and gas	5/19/45	CALIFORNIA Kern	Undeveloped productive areas may remain in several sands in the Midway-Sunset field, Kern County, Calif.	Oil and gas investigations, Preliminary Map 30. Photolith; price 50¢. Midway-Sunset oil field, Calif. By W. T. Woodward. Fig. 1. Map showing structure contours drawn on top of first finger of top oil sand, and inferred productive area of top oil sand. Fig. 2. Map showing structure contours drawn on top of first finger of top oil sands and inferred productive area of Kinsley oil sand. Fig. 3. Map showing structure contours drawn on top of first finger of top oil sands and inferred productive area of Wilhelm-Gusher-Calitroleum oil sands. Fig. 4. Map showing structure contours drawn on top of Monterey shale (brown shale of drillers)	Text: Southeastern part of Midway-Sunset oil field, Calif. By W. T. Woodward. (On same sheet with map). Copies of map available from the Director, Geological Survey, Washington, D. C., and on sale at Survey offices at 533 U. S. Post Office and Courthouse Building, Los Angeles, Calif.

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Fuels Sheet 3

Commodity	Release date	STATE County	Title of press release	Maps distributed	Remarks
Oil and gas (con't.)	5/19/45	CALIFORNIA Kern		and inferred productive area of sands in upper 1,500 feet of Monterey shale. Fig. 5. Section along line A-A' of figures 1-4. Fig. 6. Section along line B-B' of figures 1-4. Fig. 7. Electric logs showing stratigraphic position of oil sands.	
Oil and gas	5/26/45	CALIFORNIA Santa Barbara	Oil-impregnated diatomaceous rock near Casmalia, Santa Barbara County, Calif.	Oil and gas investigations, Preliminary Map 34. Chromolith; price 40¢. Geology of oil-impregnated diatomaceous rock near Casmalia, Santa Barbara County, Calif. By M. D. Williams and C. N. Holmes; 1"-300'.	Text: Oil-impregnated diatomaceous rock near Casmalia, Santa Barbara County, Calif. By M. D. Williams and C. N. Holmes. (On same sheet with map). Copies of the map on sale at the Geological Survey offices at 533 U. S. Post Office and Courthouse Building, Los Angeles, Calif.
Oil and gas	7/23/45	CALIFORNIA Orange	Oil possibilities of Paleocene and Eocene beds in the northern part of the Los Angeles Basin.	Oil and gas investigations, Preliminary Chart 12. Photolith; price 40¢. Paleocene and Eocene stratigraphy of the northwestern Santa Ana Mountains, Orange County, Calif. By W. P. Woodring and W. P. Popenoe, 1945.	Text: Paleocene and Eocene stratigraphy of northwestern Santa Ana Mountains, Orange County, Calif. By W. P. Woodring and W. P. Popenoe. (On same sheet with map). Copies of the map on sale at the Geological Survey offices at 533 U. S. Post Office and Courthouse Building, Los Angeles, Calif.
Oil and gas		COLORADO	See under Wyoming.		
Oil and gas	2/12/45	COLORADO southwest NEW MEXICO northwest ARIZONA northeast UTAH southeast	Additional drilling for oil and gas warranted in Four Corners region of Utah, Colorado, New Mexico, and Arizona.	Oil and gas investigations, Preliminary Chart 7. Photolith; price 40¢. Correlation of basal Permian and older rocks in southwestern Colorado, northwestern New Mexico, northeastern Arizona, and southeastern Utah. By N. W. Bass. One sheet with index map and 13 graphic columnar sections, by N. W. Bass.	Text: Paleozoic stratigraphy as revealed by deep wells in parts of southwestern Colorado, northwestern New Mexico, northeastern Arizona, and southeastern Utah. By N. W. Bass. (Mimeographed).
Oil and gas	12/3/45	COLORADO northwest UTAH northeast	Many zones are prospective producers of oil and gas on anticlines in northwestern Colorado and northeastern Utah.	Oil and gas investigations, Preliminary Chart 16. Photolith; 2 sheets, price 75¢. Mesozoic and Paleozoic stratigraphy in northwestern Colorado and northeastern Utah. By C. R. Thomas, F. T. McCann, and N. D. Raman, 1945.	Text: Correlation of exposed rocks in northwestern Colorado and northeastern Utah, and of logs of deep wells in northwestern Colorado. By C. R. Thomas, F. T. McCann, and N. D. Raman. (On same sheet with map).
Oil and gas	11/7/45	COLORADO Rio Blanco Moffat	New structure map of Rangely oil field, Colo., shows large area favorable for prospecting.	Oil and gas investigations, Preliminary Map 41. Photolith; price 40¢. Structure contour maps of the Rangely anticline, Rio Blanco and Moffat Counties, Colo. By C. R. Thomas, J. W. Huddle, F. T. McCann, N. D. Raman, and C. O. Johnson, 1945; 1"-½ mile.	Text: Rangely oil and gas field, Rio Blanco and Moffat Counties, Colo. By C. R. Thomas. (On same sheet with map.) Copies of the map on sale at Geological Survey offices at 314 Boston Building, Denver, Colo.; 234 Federal Building, Tulsa, Okla.; and Federal Building, Casper, Wyo.

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Fuels Sheet 4

Commodity	Release date	STATE County	Title of press release	Maps distributed	Remarks
Oil and gas	5/19/45	MICHIGAN	Oil and gas possibilities in Sylvania and Bois Blanc formations in Michigan.	Oil and gas investigations, Preliminary Map 28. Photolith; price 40¢. Geology and oil and gas possibilities of Sylvania and Bois Blanc formations, in Michigan. By K. K. Landes, 1945. Fig. 1. Thickness map of Sylvania formation. Fig. 2. Aggregate thickness of sandstone beds in the sylvania formation. Fig. 3. Thickness map of Bois Blanc formation of Onondaga age. Fig. 4. Structure contour map of base of Detroit River formation. Fig. 5. Distribution of formations beneath Detroit River formation. Fig. 6. SW-NE section across central Michigan. Fig. 7. W-E section across southern Michigan.	Text: Oil and gas possibilities of the Devonian Sylvania and Bois Blanc formations of Michigan. By K. K. Landes. Copies of the map on sale at the Geological Survey Division, State Department of Conservation, Lansing, Mich.
Oil and	9/19/45	MICHIGAN	Oil possibilities in Dundee and Rogers City formations in Michigan.	Oil and gas investigations, Preliminary Map 38. Photolith; price 40¢. Lithology and thickness of the Dundee formation and the Rogers City limestone in the Michigan Basin. By G. V. Cohee and L. B. Underwood. Fig. 1. Structure contours on top of Dundee-Rogers City sequence. Fig. 2. Thickness of Dundee formation and Rogers City limestone. Fig. 3. Lithology of Dundee formation. Fig. 4. Thickness of Dundee formation. Fig. 5. Thickness of Rogers City limestone. Fig. 6. Lithology of Rogers City limestone. Fig. 7. Oil fields in Michigan with production from Dundee and Rogers City limestone. Fig. 8. Diagrammatic section from northern Michigan to Williams City, Ohio, showing lithology and thickness of Dundee and Rogers City limestone. Fig. 9. Diagrammatic section from western Michigan to Kent County, Ontario, showing lithology and thickness of the Dundee and Rogers City limestone.	Text: Lithology and thickness of the Dundee formation and the Rogers City limestone in the Michigan Basin. By G. V. Cohee and L. B. Underwood. (On same sheet with map.) Copies of the map on sale at the Geological Survey Division, State Department of Conservation, Lansing, Mich.
Oil and gas	3/15/45	MICHIGAN	Oil and gas possibilities of lower Ordovician and Cambrian rocks in the Michigan Basin.	Oil and gas investigations, Preliminary Chart 9. Photolith; price 40¢. Sections and maps of Lower Ordovician and Cambrian rocks in the Michigan Basin, Michigan and adjoining areas. By G. V. Cohee, 1945. Fig. 1. Section around the Michigan Basin showing the lithology and thickness of Lower Ordovician and Cambrian strata and the lithology of the basal part of overlying middle Ordovician strata. Fig. 2. Section from northeastern Illinois through southern Michigan to western Ontario.	Text: Stratigraphy of Lower Ordovician and Cambrian rocks in the Michigan Basin. By G. V. Cohee. (On same sheet with map.)

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Fuels Sheet 5

Commodity	Release date	STATE County	Title of press release	Maps distributed	Remarks
Oil and gas, (con't.)	3/15/45	MICHIGAN		Fig. 3. Probable distribution of Lower Ordovician and older rocks beneath rocks of Middle Ordovician ages. Fig. 4. Thickness of rocks between base of Trenton and Black River limestones and top of pre-Cambrian. Fig. 5. Contours at base of Trenton and Black River limestones. Fig. 6. Contours on top of pre-Cambrian. Fig. 7. Character of the pre-Cambrian rocks underlying the Cambrian sandstone. Fig. 8. Section of lower Ordovician and Cambrian strata in the northern penninsula of Michigan.	
Oil and gas	5/14/45	MICHIGAN	Oil and gas possibilities of the Trenton and Black River limestones of the Michigan Basin.	Oil and gas investigations, Preliminary Chart 11. Photolith; price 30¢. Geology and oil and gas possibilities of Trenton and Black River limestones of the Michigan Basin, Mich., and adjacent areas. By G. V. Cohee. Fig. 1. Subsurface sections across Michigan Basin. Fig. 2. Lithology of Trenton and Black River limestones. Fig. 3. Contours on top of Trenton limestone. Fig. 4. Thickness of Trenton and Black River rocks. Fig. 5. Subsurface section showing lithologic variations in Trenton and Black River limestones.	Text: Geology and oil and gas possibilities of the Trenton and Black River limestones in the Michigan Basin. By G. V. Cohee. (On same sheet with map.) Copies of the map on sale at the Geological Survey Division, State Department of Conservation, Lansing, Mich.
Oil and gas	9/5/45	MICHIGAN	Oil and gas possibilities of the Salina formation in the Michigan Basin.	Oil and gas investigations, Preliminary Map 40. Photolith; price 40¢. The Salina and Bass Island rocks in the Michigan Basin. By K. K. Landes, 1945. Fig. 1. Structure map of top of Bass Island dolomite. Fig. 2. Structure map of top of rocks of Niagaran age. Fig. 3. Thickness map of Salina-Bass Island rocks. Fig. 4. Map showing thickness of salt in Salina formation. Fig. 5. N-S cross section across the Michigan Basin. Fig. 6. Generalized column of Salina-Bass Island section.	Text: The Salina and Bass Island rocks in the Michigan Basin. By K. K. Landes. (On same sheet with map.) Copies of the map on sale at the Geological Survey Division, State Department of Conservation, Lansing, Mich.
Oil and gas		MONTANA	See under Wyoming.		
Oil and gas	12/3/45	MONTANA Bighorn Broadwater Carbon Gallatin Golden Valley Meagher Musselshell Park Rosebud Stillwater Sweetgrass Treasure Wheatland Yellowstone	New measurements of sections of oil-bearing formations made in mountain ranges of south-central Montana.	Oil and gas investigations, Preliminary Chart 18. Photolith; price 40¢. Columnar sections of Mesozoic and Paleozoic rocks in the mountains of south-central Montana. By L. S. Gardner, T. A. Hendricks, H. D. Hadley, and C. P. Rogers, Jr., 1945.	Text: Mesozoic and Paleozoic formations in south-central Montana. By L. S. Gardner, T. A. Hendricks, H. D. Hadley, and C. P. Rogers, Jr. (On same sheet with map.)

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Commodity	Release date	STATE County	Title of press release	Maps distributed	Remarks
Oil and gas	12/11/45	MONTANA	Regional study made of samples from wells drilled for oil in south-central Montana	Oil and gas investigations, Preliminary Chart 19. Photolith; price 40¢. Graphic sections of Mesozoic and Paleozoic rocks that underlie the basin areas in south-central Montana. By H. D. Hadley, L. S. Gardner, and C. P. Rogers, Jr., 1945.	Text: Subsurface stratigraphy of lower Mesozoic and upper Paleozoic formations in the basin area of south-central Montana. By H. D. Hadley, L. S. Gardner, and C. P. Rogers, Jr. (On same sheet with chart.) Chart prepared in cooperation with the Montana Bureau of Mines and Geology.
Oil and gas	8/13/45	MONTANA Flathead Glacier Lewis and Clark Liberty Pondera Teton Toole	Oil-bearing formations correlated in northwestern Montana.	Oil and gas investigations, Preliminary Chart 15. Photolith; price 30¢. Stratigraphy of northwestern Montana. By L. L. Sloss and W. M. Laird.	Text: Mississippian and Devonian stratigraphy of northwestern Montana. By L. L. Sloss and W. M. Laird. Copies of the map are on at the Geological Survey offices at 303 N. 27th Street, Billings, Mont.; 314 Boston Building, Denver, Colo.; and 234 Federal Building, Tulsa, Okla.
Oil and gas	2/2/45	MONTANA	New geologic map of Montana.	Oil and gas investigations, Preliminary Map 25. Photolith; price 75¢ per set of 2 sheets. Geologic map of Montana. By D. A. Andrews, G. S. Lambert, and G. W. Stose, 1944; 1"=8 miles.	No text.
Oil and gas	12/12/45	MONTANA	Extent and thickness of some oil-bearing formations in south-central Montana shown by new map.	Oil and gas investigations, Preliminary Map 43. Photolith; price 40¢. Maps showing thickness and general distribution of Mesozoic and Paleozoic rocks in south-central Montana. By C. P. Rogers, Jr., L. S. Gardner, and H. D. Hadley, 1945.	Text: Thickness and general distribution of upper Paleozoic and lower Mesozoic rocks in south-central Montana. (On same sheet with map. Map prepared in cooperation with the Montana Bureau of Mines and Geology.
Oil and gas		NEW MEXICO	See under Colorado.		
Oil and gas	1/17/45	NEW MEXICO San Miguel Santa Fe Sandoval Bernalillo Torrance Valencia	Oil and gas possibilities of the Estancia valley region, north-central New Mexico.	Oil and gas investigations, Preliminary Map 21. Photolith; price 60¢. Geologic map and stratigraphic sections of Permian and Pennsylvanian rocks of parts of San Miguel, Santa Fe, Sandoval, Bernalillo, Torrance, and Valencia Counties, north-central New Mexico. By C. B. Read and others. Sheet includes 1 geologic map, 3 structure sections, 4 columnar sections, 2 thickness maps, and list of wells drilled in the area.	Text: Geology and oil and gas possibilities of the Pennsylvanian and Permian rocks in north-central New Mexico. (On same sheet with map.)
Oil and gas	5/28/45	OHIO Harrison Jefferson Belmont Guernsey Noble Monroe Washington PENNSYLVANIA Washington Westmorland Greene Fayette	Oil and gas possibilities of Berea sand in southeastern Ohio, northern West Virginia, and southwestern Pennsylvania	Oil and gas investigations, Preliminary Map 29. Chromolith; price 60¢. Map of the Berea sand of southeastern Ohio, northern Virginia, and southwestern Pennsylvania. By J. F. Pepper, D. F. Demarest, R. D. Holt, W. deWitt, Jr., and C. W. Marrels, 2d. 1"=3 miles.	Text: The Berea sand of southeastern Ohio, northern West Virginia, and southwestern Pennsylvania. By J. F. Pepper and D. F. Demarest. (On same sheet with map.)

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Commodity	Release date	STATE County	Title of press release	Maps distributed	Remarks
Oil and gas (con't.)	5/28/45	WEST VIRGINIA Brooke Calhoun Doddridge Gilmer Harrison Jackson Lewis Marion Marshall Monongalia Ohio Pleasants Preston Randolph Ritchie Roane Taylor Tucker Tyler Upshur Wetzel Wirt			
Oil and gas	10/17/45	OHIO Ashland Carroll Coshocton Crawford Cuyahoga Delaware Erie Geauga Harrison Holmes Huron Knox Lake Loraine Marion Medina Morrow Portage Richland Seneca Stark Summit Tuscarawas Wayne	Oil and gas possibilities of the Berea sand in northern Ohio.	Oil and gas investigations, Preliminary Map 39. Chromolith; price 65¢ for set of two sheets. Map of the Berea sand of northern Ohio. By J. F. Pepper, D. F. Demarest, W. deWitt, Jr., R. D. Holt, and C. W. Merrels, 2d., 1945; 1"=3 miles. On sheet 1. Fig. 1. Generalized cross section from Amherst Township, Loraine County, to Independence Township, Cuyahoga County. Fig. 2. Key map showing Berea sand areas described in text. Fig. 3. Map and cross section of the Buckeye quarry of the Cleveland Quarries Co. Fig. 4. Map of a part of Loraine County. Fig. 5. Fence diagram of a part of the Chatham-Lodi pool. Fig. 6. Map and cross section of parts of Knox, Holmes, and Coshocton Counties.	Text: The Berea sand of northern Ohio. By J. F. Pepper, W. deWitt, Jr., and D. F. Demarest. (Printed on second sheet.
Oil and gas	12/5/45	OREGON Clatsop Columbia Tillamook Washington Yamhill	New map of the geology of northwest Oregon.	Oil and gas investigations, Preliminary Map 42. Chromolith; price 70¢. Geology of northwestern Oregon west of Willamette River and north of latitude 45°15'. Geology by W. C. Warren, H. M. Grivetti, and H. Norbisrath, 1945. Includes index map, stratigraphic sections, fossil lists, and two cross sections. 1"=2 miles.	Text: Geology of northwest Oregon west of Willamette River and north of latitude 45°15'. By W. C. Warren, H. Norbisrath, and R. M. Grivetti. (On same sheet with map.) Copies of the map on sale at Geological Survey offices at 234 Federal Building, Tulsa, Okla.; 533 U. S. Post Office and Courthouse Building, Los Angeles, Calif.; and 314 Boston Building, 328 17th Street, Denver, Colo.
Oil and gas		PENNSYLVANIA	See under Ohio.		

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Commodity	Release date	STATE County	Title of press release	Maps distributed	Remarks
Oil and gas	9/12/45	TEXAS El Paso Hudspeth	Geology of Hueco Mountains, El Paso and Hudspeth Counties, Tex.	Oil and gas investigations, Preliminary Map 36. Photolith; price 75¢ per set of 2 sheets. Geology of Hueco Mountains, El Paso and Hudspeth Counties, Tex. By P. B. King, R. E. King, and J. B. Knight. Sheet 1 Geologic map of Hueco Mountains, El Paso and Hudspeth Counties, Tex. By P. B. King, R. E. King, and J. B. Knight. Also map showing generalized structure of area. 1"=1 mile. Sheet 2. Stratigraphic sections of upper Paleozoic rocks. By P. B. King and J. B. Knight, 1945.	Texts: Sheet 1. Geology of the Hueco Mountains, El Paso and Hudspeth Counties, Tex. By P. B. King. Sheet 2. Description and correlation of upper Paleozoic rocks of Hueco Mountains. By P. B. King and J. B. Knight.
Oil and gas	2/19/45	TEXAS Atascosa Ellis Gregg Guadalupe Hunt Limestone Panola Real Red River Smith	Oil-bearing formations correlated in east and south Texas.	Oil and gas investigations, Preliminary Chart 8. Photolith; price 50¢. Correlation of Lower Cretaceous formations as revealed by deep wells in east and south Texas. By R. W. Imlay, 1945. Fig. 1. Columnar sections from Red River County to Gregg County, Tex. Fig. 2. Columnar sections from Hunt County to Smith County, Tex. Fig. 3. Columnar sections from Hunt County to Limestone County, Tex. Fig. 4. Columnar sections from Ellis County to Panola County, Tex. Fig. 5. Columnar sections from Limestone County to Atascosa County, Tex. Fig. 6. Columnar sections from Guadalupe County, Tex., to the Sierra de Oballos in east-central Mexico. Fig. 7. Columnar sections from Real County, Tex., to the Sierra del Burro of north Coahuila, Mexico. Fig. 8. Index map showing location of wells illustrated in figs. 1-7.	Text: Correlation of subsurface Lower Cretaceous formations of east and south Texas. By R. W. Imlay. (On same sheet with map.)
Oil and gas		UTAH	See under Colorado.		
Oil and gas	1/6/45	VIRGINIA Lee	New map of the Rose Hill oil field, southwestern Virginia.	Oil and gas investigations, Preliminary Map 20. Chromolith; price 50¢. Geology of the Rose Hill oil field, Lee County, Va. By R. L. Miller and J. O. Fuller, 1944; 1:18,000. Also columnar section of formations exposed in the Rose Hill area, Lee County, Va.	Text: Geology of the Rose Hill oil field, Lee County, Va. By R. L. Miller and J. O. Fuller. (On same sheet with map.)
Oil and gas		WEST VIRGINIA	See under Ohio.		

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Commodity	Release date	STATE County	Title of press release	Maps distributed	Remarks
Oil and gas	9/19/45	WYOMING Fremont Hot Springs Johnson Natrona	Oil and gas possibilities in Lower Cretaceous and nonmarine Jurassic rocks in central Wyoming.	Oil and gas investigations, Preliminary Chart 13. Photolith; price 40¢. Stratigraphic sections and thickness maps of Lower Cretaceous and nonmarine Jurassic rocks of central Wyoming. By J. D. Love, R. M. Thompson, C. O. Johnson, H. H. R. Sharkey, H. A. Tourtelot, and A. D. Zapp.	Text: Stratigraphic sections and thickness maps of Lower Cretaceous and nonmarine Jurassic rocks of central Wyoming. (On same sheet with map.) Copies of the map are on sale at Geological Survey offices at the Federal Building, Casper, Wyo.; 314 Boston Building, Denver, Colo.; 234 Federal Building, Tulsa, Okla.
Oil and gas	8/11/45	WYOMING Fremont Hot Springs Natrona Washakie	Jurassic rocks in central Wyoming may contain undiscovered oil in stratigraphic traps.	Oil and gas investigations, Preliminary Chart 14. Photolith; price 40¢. Stratigraphic sections and thickness maps of Jurassic rocks in central Wyoming. By J. D. Love, H. A. Tourtelot, C. O. Johnson, H. H. R. Sharkey, R. M. Thompson, and A. D. Zapp.	Text: Stratigraphic sections and thickness maps of Jurassic rocks in central Wyoming. (On same sheet with map.) Copies of the map are on sale at Geological Survey offices at the Federal Building, Casper, Wyo.; 314 Boston Building, Denver, Colo.; and 234 Federal Building, Tulsa, Okla.
Oil and gas	11/13/45	WYOMING Fremont Hot Springs Natrona Sublette	Study of thickness changes in redbeds may reveal gentle folding in parts of central Wyoming.	Oil and gas investigations, Preliminary Chart 17. Photolith; price 40¢. Stratigraphic sections and thickness maps of Triassic rocks in central Wyoming. By J. D. Love, C. O. Johnson, H. L. Nace, H. H. R. Sharkey, R. M. Thompson, H. A. Tourtelot, and A. D. Zapp, 1945.	Text: Stratigraphic sections and thickness maps of Triassic rocks in central Wyoming. (On same sheet with chart.) Copies of the map are on sale at Geological Survey offices at the Federal Building, Casper, Wyo.; 314 Boston Building, Denver, Colo.; and 234 Federal Building, Tulsa, Okla.
Oil and gas	9/5/45	WYOMING	Map of Wyoming showing test wells for oil and gas, anticlinal areas, and oil and gas fields.	Oil and gas investigations, Preliminary Map 19. Photolith; price 50¢. Map of Wyoming, showing test wells for oil and gas, anticlinal axes, and oil and gas fields, 1944. Revised, 1945, by H. H. R. Sharkey, J. D. Love, and Jewell Kirby. 1"=8 miles.	No text. Copies of the map are on sale at the Geological Survey offices at the Federal Building, Casper, Wyo.; 314 Boston Building, Denver, Colo.; and 234 Federal Building, Tulsa, Okla.
Oil and gas	8/6/45	WYOMING Campbell Converse Crook Jonnson Natrona Niobrara Sheridan Weston MONTANA Bighorn Carter Powder River Rosebud	Structure-contour map of the Powder River Basin, Wyoming and Montana.	Oil and gas investigations, Preliminary Map 33. Chromolith; price 50¢. Structure-contour map of the Powder River Basin, Wyoming and Montana. By W. G. Pierce and R. M. Girard, 1945; 1"=4 miles.	No text. Copies of the map are on sale at the Geological Survey offices at the Federal Building, Casper, Wyo.; 234 Federal Building, Tulsa, Okla.; 314 Boston Building, Denver, Colo.; and 313 N. 27 Street, Billings, Mont.
Oil and gas	6/11/45	WYOMING Sublette	Oil possibilities at northwest end of Wind River Mountains, Wyo.	Oil and gas investigations, Preliminary Map 31. Chromolith; price 60¢. Geology of northwest end of the Wind River Mountains, Sublette County, Wyo. By G. M. Richmond, 1945; 1"=1 mile. Includes also a composite stratigraphic section.	Text: Geology and oil possibilities at the northwest end of the Wind River Mountains, Sublette County, Wyo. By G. M. Richmond. (On same sheet with map.) Copies of the map are on sale at Geological Survey offices at 234 Federal Building, Tulsa, Okla.; 314 Boston Building, Denver, Colo.; and at the Federal Building, Casper, Wyo.

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Commodity	Release date	STATE County	Title of press release	Maps distributed	Remarks
Oil and gas	5/22/45	WYOMING Carbon Sweetwater COLORADO Moffat	Oil and gas possibilities of the Washakie basin of southern Wyoming.	Oil and gas investigations, Preliminary Map 32. Photolith; price 40¢. Geology of the Washakie Basin, Sweetwater and Carbon Counties, Wyoming., and Moffat County, Colorado. By W. H. Bradley, 1945; 1"-3 miles. Fig. 1. Columnar section of Green River formation. Fig. 2. Sections in Washakie Basin and adjoining regions.	Text: Geology of the Washakie Basin, Sweetwater and Carbon Counties, Wyo., and Moffat County, Colo. By W. H. Bradley. (On same sheet with map.) Copies of the maps are on sale at Geological Survey offices at the Federal Building, Casper, Wyo.; 314 Boston Building, Denver, Colo.

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	Commodity	Release date	STATE County	Title of press release	Maps distributed	Remarks
45-60	Geologic map	1/18/45	IDAHO	Geologic map of Idaho.	None.	Area mapped by C. P. Ross and J. D. Forrester. Work carried out in cooperation with the Idaho Bureau of Mines and Geology. Press release placed map, "Geologic map of Idaho," by C. P. Ross and J. D. Forrester, (scale 1:500,000) in open file at the Geological Survey offices in Washington, D. C., and in Spokane, Wash.; and at the Idaho Bureau of Mines and Geology, University of Idaho, Moscow, Idaho.
45-61	Gold	12/18/45	GEORGIA	Preliminary report on gold deposits of Georgia.	None. Twenty-one maps (blue-line prints) in open file: 1. Index map of Georgia. (photostat) 2. Surface plan of Cherokee mine, Ga., with cross sections A-A' and B-B'. Geology and topography by C. B. Reed and W. W. Simmons. 1"-100'. 3. Cherokee mine, Ga., showing lode in pillar. Black shaft at 167-foot depth. Photograph by R. A. Newton. 4. Creighton mine, Ga., longitudinal section through shaft No. 4 on the plane of the lode; section on the plane of the lode from shafts No. 1 and No. 2; longitudinal section through No. 3½ shaft on plane of lode. All after S. W. McCallie. 5. 301 mine, Ga. Topography and geology by C. B. Reed and W. W. Simmons. 1"-100'. Longitudinal projection on lode, after W. H. Fluker (line of section A). 6. Surface plan of Kin Mori mine, Ga. Geology and topography by C. B. Reed and W. W. Simmons. 1"-100'. 7. Kin Mori mine, Ga. (Detailed sketch of quartz veinlet.) 8. Surface plan of Barlow mine, Ga., hydraulic pit. Topography by D. G. Dickinson. 1"-100'. (photostat) 9. Barlow mine, Ga., plan of workings from Bainbridge shaft. 1"-50'. 10. Barlow mine, Ga. Relations of sheared granite to amphibole gneiss. Photograph by C. B. Reed. 11. Battle Branch mine, Ga. Plan of main workings; 1"-40'. 12. Surface plan of Battle Branch mine, Ga. Topography by C. G. Dickinson. 1"-100'. 13. Battle Branch mine, Ga. Marble layer in Carolina gneiss. Nodules in the gneiss consist of garnets and quartz. Polished slab. 14. Etowah mine, Ga., surface plan. Geology and topography by C. B. Reed and W. W. Simmons. 1"-100'. 15. Map of Findley Ridge, Ga., showing relations of mineral deposits to amphibole gneiss-mica schist contact. 1"-500'.	Deposits studied and mapped by C. G. Dickinson, C. B. Reed, W. W. Simmons, R. A. Wilson, W. C. Hansard, and S. W. McCallie. Press release placed report. "Preliminary report on gold deposits of Georgia," by C. F. Park, Jr., and 21 maps in open file at the Geological Survey in Washington, D. C., and at the Office of the State Geologist, State Division of Conservation, Atlanta, Ga.

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	Commodity	Release date	STATE County	Title of press release	Maps distributed	Remarks
	Gold (con't)	12/18/45	GEORGIA		16. Surface plan of Findley mine, Ga. Topography by C. G. Dickinson; 1"-100'. 17. Consolidated mine, Ga., main tunnel. By R. A. Wilson and W. C. Hansard; 1"-50'. 18. Sketch of surface, Topabri mine, Ga., to show location of cuts. By R. A. Wilson; 1"-200'. 19. Surface workings of the Columbia mine and adjacent properties. Underground plans after W. H. Fluker, and E. M. Thomson; 1"-150'. 20. White County mine, Ga. (2 small sketches of rock contacts) 21. Surface plan and South tunnel plan of White County mine, Ga. Topography and geology by C. B. Reed and W. W. Simmons; 1"-100'.	
45-29	Gold	4/21/45	NEVADA Washoe	Outline of the geology of the Comstock Lode district.	One map; chromolith; 75¢ Preliminary geologic map of the Comstock Lode district, Nev. By F. C. Calkins and T. P. Thayer; 1935-39.	Report: Outline of the geology of the Comstock Lode district, Nev. (mineographed)
45-62	Graphite	11/29/45	CALIFORNIA Siskiyou	Graphite deposits in Siskiyou County, Calif.	None.	Deposits studied by G. A. Rynearson. Press release placed report, "Graphite deposits in Siskiyou County, Calif.," by G. A. Rynearson, in open file at the Geological Survey in Washington, D. C., and at the Office of the State Geologist, California Department of Natural Resources, Ferry Building, San Francisco, Calif. (No separate maps)
45-63	Graphite	3/19/45	MASSACHUSETTS Worcester	Graphite deposits near Sturbridge, Mass.	None.	Deposits studied and mapped by E. T. Apfel. Work carried out in cooperation with the Massachusetts Department of Public Works. Press release placed report, "Graphite deposits near Sturbridge, Mass.," by E. T. Apfel, and accompanying maps in open file at the Geological Survey in Washington, D. C.; at the Massachusetts Department of Public Works, Boston, Mass.; and at the Massachusetts Development and Industrial Commission, Boston, Mass.

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	Commodity	Release date	STATE County	Title of press release	Maps distributed	Remarks
45-64	Iron, manganese	2/8/45	BRAZIL Mato Grosso	Manganese and iron deposits of Morro do Urucum, Mato Grosso, Brazil.	None.	Press release placed report, "The manganese and iron deposits of Morro do Urucum, Mato Grosso, Brazil," by J. V. N. Dorr, 2d, and 7 maps in open files at the Geological Survey offices in Washington, D. C.; at the Departamento Nacional da Producao Mineral in Rio de Janeiro; and at the United States Embassy. The work was carried on in cooperation with the Departamento Nacional da Producao Mineral of the Brazilian Government under the auspices of the U. S. Department of State and the Interdepartmental Committee on Scientific and Cultural Cooperation. Superseded by Bulletin 946-A.
					Seven maps (photostat copies) in open file: 1. Index map of Brazil showing location of Corumba. 2. Sketch map of area around Morro do Urucum. 3. Geologic and topographic map of Morro do Urucum and a portion of Serra da Santa Cruz, Mato Grosso, Brazil. Geology by J. V. N. Dorr, 2d., 1941; topography and control by C. W. Buckey. 4. Columnar section and analyses, Band Alta formation, Morro do Urucum, Mato Grosso, Brazil. 5. Structure sections, Morro do Urucum, Mato Grosso, Brazil. 6. Assay map showing blocks considered in reserve estimates, thickness of manganiferous beds, and location of samples. 7. Sketch showing relative location of mines and samples, mine area, Morro do Urucum, Mato Grosso, Brazil.	
45-65	Iron	3/15/45	LIBERIA Bomi Hills	Iron ore deposits of the Bomi Hills, Liberia.	None.	Press release placed report, "Iron ore reserves at Bomi Hills, Liberia," by W. H. Newhouse, T. P. Thayer, and A. P. Butler, Jr., and one map in open file at the Geological Survey in Washington, D. C., and at the Division of African Affairs, Department of State. The work was done in cooperation with the Republic of Liberia. One map (photolith) in open file: Geologic map of iron ore deposits of the Bomi Hills, Liberia, by W. H. Newhouse, T. P. Thayer, and A. P. Butler, Jr. 1"-200'; 1944.
45-27	Iron, copper	4/13/45	MASSACHUSETTS	Manganese, iron, and copper deposits in the Berkshire Hills of Massachusetts.	None.	Press release placed report, "Geology of the Charlemont-Heath area, with special reference to pyrite and copper deposits," by A. W. Quinn, and 5 illustrations in open files at the Geological Survey offices, Washington, D. C.; the Massachusetts Department of Public Works, Boston, Mass.; and at the Massachusetts Development and Industrial Commission, Boston, Mass. Work was done in cooperation with the Massachusetts Department of Public Works.
					Maps (black line prints) in open file: Pl. 1. Bedrock geologic map of the Charlemont-Heath area, Mass. Geology by A. W. Quinn, 1943. (photostat) Fig. 1. Key map showing locations of Plainfield-Hawley and Charlemont-Heath areas, Mass. Fig. 2. Davis mine, Rowe, Mass. 1"-100'. Fig. 3. Map of old surface workings at Hawks mine. 1"-200'. Fig. 4. Map of surface and underground workings at Mary Louise mine, Rowe, Mass. 1"-100'.	

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45-28	iron, manganese	4/18/45	MASSACHUSETTS Franklin Hampshire	Manganese, iron, and copper deposits in the Berkshire Hills of Massachusetts.	None.	Press release placed report, "Geology of the Plainfield-Hawley area, with special reference to deposits of manganese and iron minerals," by A. W. Quinn, and 10 illustrations in open files at the Geological Survey office, Washington, D. C.; the Massachusetts Department of Public Works, Boston, Mass.; and at the Massachusetts Development and Industrial Commission, Boston, Mass. Work was done in cooperation with the Massachusetts Department of Public Works.
					Maps (black line prints) in open file: Pl. 1. Bedrock geologic map of the Plainfield-Hawley area, Mass. Geology by A. W. Quinn, 1943. Pl. 2. Geologic map of manganese deposits on the A. G. Betts property, Plainfield, Mass. By A. W. Quinn, 1943; 1"-50'. Fig. 1. Key map showing locations of Plainfield-Hawley and Charlemont-Heath areas, Mass. Fig. 2. Garnet in muscovite-quartz schist. Fig. 3-5. Sketches of typical rock structures. Fig. 6. Maps of and sections through D. H. 1 and 2 on Betts property, North Deposit. Fig. 7. Maps of and sections through D. H. 3 and 4 on Betts property, South Deposit. Fig. 8. Interpretative geologic section along F-F' of plate 1.	
45-15	Iron	5/15/45	MASSACHUSETTS Berkshire	Iron deposits in the Berkshire valley, Mass.	None.	Press release placed report, "The brown iron ore district of Berkshire County, Mass.," by N. E. Chute, and 11 maps in open files at the Geological Survey in Washington, D. C.; at the Massachusetts Department of Public Works; at the Massachusetts Development and Industrial Commission, Boston, Mass.; and at the Massachusetts State College Library, Amherst, Mass. Work was done in cooperation with the Massachusetts Department of Public Works.
					Eleven maps (black line prints) in open file: 1. Map showing locations of iron ore mines and prospects, Berkshire County, Mass. 2. Topographic and geologic map of the Klondike, Cone and Carr mines and adjacent areas, Richmond, Mass. By N. E. Chute and W. B. Allen, 9/1943; 1"-400'. 2A. Surficial geologic map of the Richmond iron ore district, Berkshire County, Mass. By N. E. Chute. 2B. Bedrock geologic map of the Richmond iron ore district, Berkshire County, Mass. By. N. E. Chute; 1943. 4. Topographic ang geologic map of the Cheever brown iron ore mine and adjacent areas. By N. E. Chute and W. B. Allen, 8/1943; 1"-400'. 5. Topographic and geologic map of the Bacon and Andrews brown iron ore mines and adjacent areas, Berkshire County, Mass. By N. E. Chute and W. B. Allen, 8/1943; 1"-200'. 6. Geologic and topographic map of the Potter, Hudson, Leet, and Goodrich mines and adjacent areas, West Stockbridge, Mass. By N. E. Chute and W. B. Allen, 9/1943; 1"-400'. 7. Sketch maps of abandoned brown iron ore mines, Berkshire County, Mass. By N. E. Chute, 11/1943. 8. Sketch maps of abandoned brown iron ore mines, Berkshire County, Mass. By N. E. Chute, 11/1943. 9. Diagrammatic cross sections showing probable occurrence of the brown iron ore. 10. Geologic sections through drill holes at the Cheever mine. By N. E. Chute, 1943.	

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45-66	Iron	5/10/45	MICHIGAN Iron	Iron ore deposits in the Mineral Hills district, Iron County, Mich.	15 maps (blue line prints); free. 1. Index map of Michigan showing location of Mineral Hills area in Iron County. 2. Geologic map at bedrock surface, secs. 13, 22, 23, 24, Mineral Hills, Iron River, Mich. By C. E. Dutton, C. F. Park, Jr., and J. R. Balsley, Jr., 9/1944; 1"-200'. 3. Geologic map at elevation 655', Mineral Hills, Iron River, Mich. By C. E. Dutton, C. F. Park, Jr., and J. R. Balsley, Jr., 9/1944; 1"-200'. 4. Geologic map at elevation 1085', Mineral Hills, Iron River, Mich. By C. E. Dutton, C. F. Park, Jr., and J. R. Balsley, Jr., 9/1944; 1"-200'. 5. Mineral Hills, Iron River, Mich. (Cross sections A-A' and B-B') by C. E. Dutton, C. F. Park, Jr., and J. R. Balsley, Jr., 9/1944. 6. Mineral Hills, Iron River, Mich. (Cross sections C-C' and D-D') by C. E. Dutton, C. F. Park, Jr., and J. R. Balsley, Jr., 9/1944. 7. Cross sections E-E' and F-F'. 8. Cross sections G-G' and H-H'. 9. Cross section I-I'. 10. Block diagram of mine workings and iron formation. By C. E. Dutton, C. F. Park, Jr., and J. R. Balsley, Jr., 7/1944; 1"-200'. 11. Geologic map at bedrock surface, secs. 18, 24, Mineral Hills, Iron River, Mich. By C. E. Dutton, C. F. Park, Jr., and J. R. Balsley, Jr., 9/1944; 1"-200'. 12. Geologic map at elevation 580', 1"-200'. 13. Geologic map at elevation 1085', secs. 24, 19, Mineral Hills, Iron River, Mich. 1"-200'. 14. Mineral Hills, Iron River, Mich. (Cross sections J-J' and K-K') 15. Mineral Hills, Iron River, Mich. (Block diagram of part of mine workings); 1"-200'.	Report: General character and succession of tentative divisions in the stratigraphy of the Mineral Hills district, Iron River, Iron County, Mich. By C. E. Dutton, C. F. Park, Jr. and J. R. Balsley, Jr. (mimeographed) Available from the Director, Geological Survey, Washington 25, D. C.; and from the State Geologist, Geological Survey Division, Department of Conservation, Lansing, Mich.
45-67	Iron	4/11/45	NEVADA Lyon	Dayton Iron deposit, Lyon County, Nev.	3 maps and 1 set of structure sections; multilith; free. 1. Index map. 2. Generalized geologic map of the Dayton iron deposit, Lyon County, Nev. By A. P. Butler, Jr., A. E. Granger, and A. F. Shride, 1/1943. 3. Ore at the surface as indicated by outcrops and exploration, Dayton iron deposit, Lyon County, Nev. 4. Structure sections mainly showing distribution of ore, Dayton iron deposit, Lyon County, Nev. 1942.	Report: Dayton iron deposit, Lyon County, Nev. By A. P. Butler, Jr. (mimeographed)
	Iron		NEW JERSEY	See under New York.		
45-68	Iron	2/7/45	NEW YORK St. Lawrence	Geology and magnetite deposits of the Dead Creek area, Cranberry Lake quadrangle, N. Y.	2 maps; 2 sheets; free. 1. Index map of west-central part of Cranberry Lake quadrangle, N. Y., showing Dead Creek syncline. Multilith. 2. Structure sections and geologic and reconnaissance magnetic map of part of Dead Creek syncline, Wanakena, N. Y. By A. F. Buddington and B. F. Leonard, 7-10/1944. Van dyke.	Report: Geology and magnetite deposits of the Dead Creek area, Cranberry Lake quadrangle, N. Y. By A. F. Buddington and B. F. Leonard, 1945. (mimeographed)

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	Commodity	Release date	STATE County	Title of press release	Maps distributed	Remarks
45-69	Iron	4/19/45	NEW YORK St. Lawrence	Preliminary report on parts of Cranberry Lake and Tupper Lake quadrangles, northwest Adirondack magnetite district, N. Y.	2 maps, multilith; free. 1. Preliminary geologic map of part of Cranberry Lake quadrangle, N. Y. Geology by A. F. Buddington and B. F. Leonard, 1943-44; 1"-1 mile. 2. Preliminary geologic map of part of Tupper Lake quadrangle, N. Y. Geology by A. F. Buddington and B. F. Leonard, 1943-44. 1"-1 mile.	Report: Preliminary report on parts of Cranberry Lake and Tupper Lake quadrangles, northwest Adirondack magnetite district, N. Y. By A. F. Buddington and B. F. Leonard. (mimeographed)
45-31	Iron	5/15/45	NEW YORK Orange NEW JERSEY Passaic	Preliminary report on the geology of the Sterling-Ringwood magnetite district, N. Y., and N. J.	2 maps, multilith; free. 1. Index map showing the location of the Sterling-Ringwood magnetite district, N. Y., and N. J. By P. E. Hotz, 3/1944. 2. Preliminary geologic map of the Sterling-Ringwood magnetite district, N. Y., and N. J. By P. E. Hotz.	Report: Preliminary report on the geology of the Sterling-Ringwood magnetite district, N. Y., and N. J. (mimeographed)
45-33	Iron	12/17/45	OREGON Columbia	Iron ore deposits near Scappoose, Columbia County, Oreg.	None. Eleven maps (ozalid prints) in open file: Fig. 1. Sketch map of Oregon showing the location of the Scappoose iron field. Fig. 2. Graphic logs of drill holes at Colport-Charcoal Iron deposit. Fig. 3. Sketch map showing location of iron ore deposits near Scappoose, Oreg. 1"-3 miles. Fig. 4. Sketch of a typical exposure of the ore bed at the Colport-Charcoal Iron deposit. 1"-4'. Pl. 1. Geologic map and sections of the Colport-Charcoal Iron deposit, Columbia County, Oreg. Drilling by Bureau of Mines; Geology by P. E. Hotz, 1942; 1"-1,000'. Pl. 2a. Geologic map of the Ironcrest deposit, Columbia County, Oreg. Topography by H. Dole, P. Allen, Bureau of Mines; drilling by Bureau of Mines; geology by P. E. Hotz, 1942. 1"-200'. Pl. 2b. Structure sections of the Ironcrest deposit, Columbia County, Oreg. Geology by P. E. Hotz; exploration by Bureau of Mines, 1942. 1"-200'. Pl. 3. Geologic map and sections of the Ladysmith deposit, Columbia County, Oreg. Topography by H. Dole (Bureau of Mines); drilling by Bureau of Mines; geology by P. E. Hotz, 1942. 1"-200'. Pl. 4. Geologic map and sections of the Hill 600 deposit, Columbia County, Oreg. Topography by P. Allen (Bureau of Mines); exploration by Bureau of Mines; geology by P. E. Hotz, 1942. 1"-100'. Pl. 5a. Geologic map of the Bunker Hill deposit. Topography and drilling by Bureau of Mines; geology by P. E. Hotz, 1942. 1"-200'. Pl. 5b. Structure sections of the Bunker Hill deposit, Columbia County, Oreg. Drilling by Bureau of Mines; geology by P. E. Hotz, 1942. 1"-200'.	Deposits studied and mapped by P. E. Hotz, 1942. Press release placed report, "Iron ore deposits near Scappoose, Columbia County, Oreg.," by P. E. Hotz, and 11 maps in open file at the Geological Survey offices in Washington, D. C., and Spokane, Wash.; at the State Department of Geology and Mineral Industries, 702 Woodlark Building, Portland, Oreg. Work carried out in cooperation with the U. S. Bureau of Mines.

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	Commodity	Release date	STATE County	Title of press release	Maps distributed	Remarks
45-70	Iron	4/5/45	PENNSYLVANIA Berks	Magnetic anomaly near Bechtelsville, Pa.	2 maps; multilith; free. 1. Index map of Boyertown magnetic survey, Berks County, Pa. 2. Detailed magnetic map of anomaly southeast of Bechtelsville, Pa., by H. E. Hawkes, Jr., and H. Wedow. 4-5/1944.	Report: Magnetic anomaly near Bechtelsville, Pa. By H. E. Hawkes, Jr. (mimeographed)
45-18	Iron, nickel	11/27/45	WASHINGTON Chelan	The Blewett iron-nickel deposit, Chelan County, Wash.	None.	Deposits studied and mapped by C. A. Lamey. Press release placed report, "The blewett iron-nickel deposits, Chelan County, Wash.," by C. A. Lamey, and 5 maps in open file at the Geological Survey offices in Washington D. C., and Spokane, Wash.; and at the Office of the Supervisor of Geology, State Department of Conservation and Development, Pullman, Wash. Work carried out in cooperation with the U. S. Bureau of Mines, Project 508.
					Five maps (blue line) placed in open file: Fig. 1. Index map showing location of the Cle Elum River and and Blewett iron-nickel deposits, Washington. Fig. 2. Curves showing variation of nickel, chromium, silica, and alumina with the iron content of the ore, Blewett iron-nickel deposit, Chelan County, Wash. By C. A. Lamey, 4/1945. Pl. 1. Geologic and topographic map of the Blewett iron-nickel deposit, Chelan County, Wash. Geology by C. A. Lamey and P. E. Hotz, 7/1943; topography by P. E. Hotz and S. E. Good, 7/1943. 1"-100'. Pl. 2. Sections through drill holes, Blewett iron-nickel deposit, Chelan County, Wash. By C. A. Lamey and P. E. Hotz, 7/1943; and C. A. Lamey, 3/1945. 1"-100'. Pl. 3. Isometric drawings of parts of the Blewett iron-nickel deposit, Chelan County, Wash. By C. A. Lamey, 3/1945. 1"-100'.	
45-71	Magnesite	1/1/45	CALIFORNIA San Bernardino	Needles magnesite deposit, San Bernardino County, Calif.	2 maps; van dyke prints; free. 1. Topographic and geologic map, Needles magnesite deposit, San Bernardino County, Calif. By C. J. Vitaliano and A. J. Bodenlos, 3/1943. 2. Geologic sections of the Needles magnesite deposit. By C. J. Vitaliano and A. J. Bodenlos, 3/1943.	Report: The Needles magnesite deposit, San Bernardino County, Calif. By C. J. Vitaliano and A. J. Bodenlos, 12/1944.
45-72	Magnesium	3/19/45	MASSACHUSETTS Berkshire	Dolomite near Lee, Mass., as a source of metallic magnesium.	None.	Press release placed report, "Dolomite marble in the vicinity of Lee, Mass., as an available source of metallic magnesium," and geologic map and sections in open file at Geological Survey, Washington, D. C.; at the Massachusetts Department of Public Works, Boston, Mass.; and at the Massachusetts Development and Industrial Commission, Boston, Mass. Deposits studied and mapped by E. T. Apfel. Work was done in cooperation with the Massachusetts Department of Public Works.

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45-73	Manganese	5/19/45	CALIFORNIA Amador Calaveras Eldorado Glenn Humboldt Los Angeles Madera Mariposa Mendocino Mono Placer Plumas San Bernardino San Benito San Luis Obispo San Joaquin Sonoma Stanislaus Trinity Tuolumne Santa Clara	Topographic and geologic maps of manganese deposits in California.	None.	Press release placed 62 geologic and topographic maps of manganese deposits in California in open files in the Geological Survey offices at Washington, D. C., and at the Geologic Branch, California Division of Mines, Ferry Building, San Francisco.

Sixty-two maps (photostats) in open files:

1. Sketch map of Jones prospect, Amador County, 1"-20'.
2. Sketch map of Pereni prospect, Amador County, 1"-20'.
3. Sketch map of Peyton prospect, Amador County, 1"-50'.
4. Sketch map of Stirnaman mine, Amador County, 1"-50'.
5. Stirnaman mine, cross section of entrance to lower stope, and cross section of entrance to upper stope, 1"-10'.
6. Sketch map of Du Frene prospect, Amador County, 1"-50'.
7. Sketch map of Airola mine, Calaveras County, 1"-50'.
8. Sketch map of Daniels prospect, Calaveras County, lower workings. 1"-50'.
9. Sketch map of Daniels prospect, Calaveras County, upper workings. 1"-50'.
10. Sketch map of David prospect, Eldorado County, 1"-20'.
11. Sketch map of Brown and Moore prospect, Glenn County. By I. F. Wilson, 7/15/42; 1"-50'.
12. Sketch map of K. B. 1 claim, Glenn County. By I. F. Wilson, 7/14/42; 1"-10'.
13. Sketch map of main open cut at K. B. 4 claim, Glenn County. By I. F. Wilson, 7/15/42; 1"-30'.
14. Sketch map of V-shaped cut at K. B. 4 claim, Glenn County. By I. F. Wilson, 7/15/42; 1"-30'.
15. Sketch map of Rattlesnake mine, Glenn County. By I. F. Wilson, 7/16/42; 1"-50'.
16. Vertical projection of Charles Mountain mine, Humboldt County, 1"-20'.
17. Sketch map of the Black Brothers claim, Los Angeles County, 11/4/42; 1"-50'.
18. Sketch map of Stewart and Nuss prospect, Madera County, 1"-100'.
19. Sketch map of Caldwell mine, Mariposa County, Northern workings. 1"-100'.
20. Sketch map of Rose mine, Mendocino County. By I. F. Wilson, 6/6/42; 1"-20'.
21. Sketch map of Foster Mountain mine, Mendocino County, 1"-25'. (Ozalid print)
22. Sketch map of Wild Devil mine, Mendocino County. By I. F. Wilson, 6/30/42.
23. Sketch map of Brereton mine, Mendocino County. By I. F. Wilson, 7/7/42; 1"-100'.
24. Sketch map of Harms prospect, Mendocino County. Approximately 1"-12'.
25. Harms prospect, Mendocino County, cross section of north face of 30' traverse open cut.
26. Sketch map of South Thomas mine, Mendocino County. By I. F. Wilson, 6/29/42; 1"-50'.
27. South Thomas mine, Mendocino County; sketch map of south end of Round Mountain, showing chert terminating against fault to west, 1"-500'; cross section at end of lower adit, South Thomas mine, showing fault swinging over top of ore body, 1"-5'. By I. F. Wilson, 6/29/42.
28. Sketch map of the Taylor property, Mono County. By I. F. Wilson, 10/12/42; 1"-50'.
29. Sketch map of Gold Hill mine, Placer County, 1"-50'.
30. Sketch map of Randel No. 1, Upper (northern) group of workings, Placer County, 1"-20'.
31. Sketch map of Randel No. 1, Lower (southern) group of workings, Placer County, 1"-20'.
32. Randel No. 1, Placer County; sketch map showing approximate position of lower and upper workings at Randel No. 1, with respect to topography and road, 1"-100'.
33. Sketch map of Hendricks mine, San Benito County; surface map and adit map, 10/2/42; 1"-50'.
34. Sketch map of Fries Ranch mine, San Benito County, 10/2/42, 1"-50'.
35. Sketch map of Vollmer Ranch deposit, San Luis Obispo County, 1"-50'.

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Manganese (con't.)		CALIFORNIA		36. Sketch map of Follet Ranch deposit, San Luis Obispo County, 1"-50'. 37. Sketch of middle level, John mine, San Luis Obispo County, 1"-20'. (Ozalid print) 38. Sketch map of Barnebert mine, San Luis Obispo County. 39. Sketch map of Pine Ridge mine, Santa Clara County, showing distribution of ore beds, 1"-100'. 40. Map of the Manganese Queen mine, Trinity National Forest, SE¼ sec. 26, T. 30 N., R. 12 W. Mapped by S. C. Creasey, W. G. Pierce, F. S. Simons, P. D. Trask, and F. R. Trauger, 7/11,12,14/41; 1"-100'. 41. Sketch map of Hughes mine, Tuolumne County, 1"-50'. 42. Map of the Bonanza and Bonanza No. 1 claims in the S½ sec. 3, T. 27 N., R. 12 W., 8/2-5/41; 1"-100'. 43. Geologic and topographic map of the Blue Jay mine, NW¼ sec. 17, T. 26 N., R. 12 W., Trinity County. Topography by F. D. Trauger; geology by C. R. Warren, 7/1941; revised by F. S. Simons and M. D. Crittenden, Jr., 8/1942. 1"-100'. (Ozalid print) 44. Topographic and geologic map of part of the Seagrave mine, sec. 1, T. 5 S., R. 5 E., Stanislaus County. Topography by F. D. Trauger; geology by C. R. Warren; 1"-100'. 45. Topographic and geologic map of the Cool manganese claims, SW¼ sec. 30, T. 1 N., R. 3 E., Trinity County. Topography by I. F. Wilson and C. R. Warren; geology by W. G. Pierce, 8/14,15/41. 46. Map of the Rattlesnake manganese claim in the NW¼ sec. 5, T. 29 N., R. 12 W., Trinity County. By W. G. Pierce, 8/16/41, 1"-100'. 47. Map of the Spider claim, NE¼ sec. 20, T. 28 N., R. 11 W., Trinity National Forest. Mapped by S. C. Creasey and F. S. Simons, 7/20,21/41; 1"-25'. 48. Map of the Spider claim, NE¼ sec. 20, T. 28 N., R. 11 W., Trinity National Forest. Mapped by S. C. Creasey and F. S. Simons, 7/17-19/41; 1"-100'. 49. Western manganese mine, Plumas County. 50. Geologic and topographic map of the Aho mine, Sonoma County, secs. 15, 16, T. 8 N., R. 12 W.; surface map, plane table survey by F. S. Simons and M. D. Crittenden, Jr., 1"-50', 10/14-16/42; underground workings—upper adit, lower adit, middle workings, and incline—1"-20'. 51. Geologic and topographic map of the Pine Ridge mine, sec. 31, T. 8 S., R. 4 E., Santa Clara County. Plane table survey by F. S. Simons and M. D. Crittenden, Jr., 10/23,24/42; 1"-100'. 52. Geologic and topographic map of the Thomas mine, Mendocino County. Plane table survey by I. F. Wilson and M. D. Crittenden, Jr., 6/17-27/42; 1"-100'. 53. Geologic and topographic map of the Fort Baker mine, sec. 32, T. 3 N., R. 4 E., Humboldt County. Plane table survey by F. S. Simons and M. D. Crittenden, Jr., 7/11,12/42; 1"-100'. 54. Geologic and topographic map of the Charles Mountain mine. 55. K. B. No. 4 mine, Glenn County. 56. Map of the Hale Creek mine in the SE¼NE¼ sec. 23, T. 1 S., R. 6 E., Trinity County. Geology by W. G. Pierce; topography by F. D. Trauger, 7/31/42 and 8/1-2/42; 1"-150'. (Ozalid print) 57. Sketch map of the Big Reef mine, San Bernardino County, 8/29/43; 1"-25'. 58. Big Reef mine, San Bernardino County; cross section of mouth of lower tunnel, 1"-5'; longitudinal section of tunnels, 1"-25'. 59. Sketch map of the Lee Yim deposit, San Bernardino County. By I. F. Wilson, 3/28/43; 1"-100'. 60. Sketch map of the Logan mine, San Bernardino County. By I. F. Wilson, 3/29/43; 1"-50'. 61. Sketch map of the Stewart mine, San Bernardino County. By I. F. Wilson, 3/18/43; 1"-50'. 62. Sketch map of the Johnson manganese lease, San Joaquin County. By I. F. Wilson, 4/29/43; 1"-50'.	

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	Mercury	11/26/45	OREGON Lane	Black Butte quicksilver mine, Lane County, Oreg.	Strategic Minerals Investigations, Preliminary Maps 3-136. 2 maps; black line prints; free. 1. Composite geologic map, Black Butte mine, Lane County, Oreg. By A. C. Waters, 4/1942; 1"-40'. 2. Vertical longitudinal projection, Black Butte mine, Lane County, Oreg. By A. C. Waters, 4/1942; 1"-40'.	Report: Notes to accompany preliminary maps of the Black Butte mine, Lane County, Oreg.
45-2	Molybdenum	10/9/45	MONTANA Cascade	Big Ben molybdenum deposit, Neihart mining district, Cascade County, Mont.	None.	Press release placed report, "Big Ben molybdenum deposit, Neihart mining district, Cascade County, Mont.," by S. C. Creasey and E. A. Scholz, and 3 maps in open file at the Geological Survey offices at Washington, D. C., and at Spokane, Wash.; and at the Office of the Director, State Bureau of Mines and Geology, Butte, Mont. Work was done in cooperation with the U. S. Bureau of Mines, Project 1706.
					Three maps (ozalid prints) in open file: 1. Geologic and topographic map of Big Ben molybdenum deposit, Cascade County, Mont. Geology by S. C. Creasey and E. A. Scholz, 9,10/1943; topography by Bureau of Mines and Geological Survey. 1"-50'. 2. Cross sections and assays of Big Ben molybdenum deposit, Cascade County, Mont. Geology by S. C. Creasey and E. A. Scholz. Assays by Bureau of Mines. 1"-50'. 3. Level and trench maps, Big Ben molybdenum deposit, Cascade County, Mont. Geology by S. C. Creasey and E. A. Scholz; assays and control by Bureau of Mines. 1"-20'.	
45-74	Molybdenum	11/28/45	WASHINGTON Okanogan	Geology of the Starr molybdenum mine, Okanogan County, Wash.	None.	Press release placed report, "Geology of the Starr molybdenum mine, Okanogan County, Wash.," by S. C. Creasey, and 10 maps in open file at the Geological Survey offices in Washington, D. C., and Spokane, Wash., and at the Office of the Supervisor of Geology, State Department of Conservation and Development, Pullman, Wash. Assays made by U. S. Geological Survey, U. S. Bureau of Mines, and Titanium Alloy Manufacturing Co.
					Ten maps (ozalid prints) in open file: 1. Geologic map of Starr molybdenum mine, 1"-100'. 2. Assay map of mineralized area, Starr molybdenum mine. 3. Geologic map of mineralized area, Starr molybdenum mine, 1"-40'. 4. Composite level map, 1"-40'. 5. Assay map of No. 1 adit, No. 2 adit, and 200 sublevel, Starr molybdenum mine. 6. Geologic map of No. 1 adit, No. 2 adit, and 200 sublevel, Starr molybdenum mine, 1"-40'. 7. Assay map of No. 3 adit, Starr molybdenum mine, 1"-40'. 8. Geologic map of No. 3 adit, Starr molybdenum mine, 1"-40'. 9. Section through No. 3 adit, 1"-40'. 10. Index map, Starr molybdenum mine, Okanogan County, Wash.	

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	Commodity	Release date	STATE County	Title of press release	Maps distributed	Remarks
45-75	Nickel	7/21/45	CALIFORNIA San Diego	Nickel deposits of the Julian-Cuyamaca area near Julian, San Diego County, Calif.	None.	Press release placed report, "Geology and nickel mineralization of the Julian-Cuyamaca area, near Julian, San Diego County, Calif.," by S. C. Creasey, and appendix, "Report on a magnetometric survey in the vicinity of the Friday mine, Julian, Calif.," by H. J. Fraser, and 4 maps in open files in the Geological Survey offices at Washington, D. C., and Salt Lake City, Utah; and at the Office of the California Chief Geologist, California Division of Mines, Ferry Building, San Francisco, Calif.
					Four maps in open file: 1. Geologic map, Julian-Cuyamaca area, San Diego County, Calif. Geology by S. C. Creasey and R. M. Hutchinson, 6/1944. 2. Geologic map, magnetometric survey, and soil analysis map, Friday mine-Inspiration Point area, near Julian, San Diego County, Calif. Topography and geology by S. C. Creasey and R. M. Hutchinson, 6/1944. 3. Cross sections, Friday mine-Inspiration Point area, near Julian, San Diego County, Calif. 4. Geologic map, Friday nickel mine near Julian, San Diego County, Calif. Geology and brunton survey by S. C. Creasey and R. M. Hutchinson, 6/1944.	
45-76	Nickel	10/9/45	WASHINGTON Chelan	Winesap nickel prospect, Chelan County, Wash.	None.	No report. Press release placed 3 maps in open file at the Geological Survey offices in Washington, D. C., and Spokane, Wash.; and at the Office of the Supervisor of Geology, State Department of Conservation and Development, Pullman, Wash.
					Three maps (ozalid prints) in open file: 1. Winesap nickel prospect, Chelan County, Wash. Geology by S. C. Creasey; topography by R. H. Storch (Bureau of Mines), and S. C. Creasey; 1"-40'. 2. Section B-B'. Winesap nickel prospect, Chelan County, Wash. 1"-40'. 3. Section D-D'. Winesap nickel prospect, Chelan County, Wash. 1"-40'.	

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Commodity	Release date	STATE County	Title of press release	Maps distributed	Remarks
Beryl	10/23/45	CALIFORNIA Kern	Beryl possibilities on the Pharlap claims, Kern County, Calif.	Strategic Minerals Investigations, Preliminary Map 3-187. 1 cross section, (photostat); no charge. Section through main workings, Pharlap claims, Kern County, Calif. By R. H. Jahns, 6/1943; 1"-40'.	Deposits studied and mapped by R. H. Jahns. Report: Beryl possibilities on the Pharlap claims, Kern County, Calif. (mimeographed)
Beryl	10/15/45	MAINE Oxford	Black Mountain beryl quarries, Oxford County, Me.	Strategic Minerals Investigations, Preliminary Maps 3-188. 7 maps (blue line prints); no charge. 1. Outcrop map of the Black Mountain area, Rumford, Me. Topography and culture by Topographic Branch, 1943; geology by D. M. Larrabee, W. M. Hoag, W. H. Ashley, H. R. Morris, L. Goldthwait, 6-7/1943; revised by D. M. Larrabee and M. S. Adams, 5/1945. 1"-1,000'. 2. Black Mountain quarries, Rumford, Me. Geology by D. M. Larrabee and J. J. Page, 9/18/43; revised by J. J. Page, 10/24/43; revised by D. M. Larrabee and K. S. Adams, 5/26/45. 1"-20'. 3. Black Mountain quarries, Rumford, Me. Section A-A' (cross sections of Bur. Mines drill holes). By D. M. Larrabee and J. J. Page, 9/18/43; revised by J. J. Page, 10/1943. 4. Black Mountain beryl deposit, Rumford, Me., map showing mineral distribution. Geology by D. M. Larrabee, 9/18/43; revised 10/24/43; 1"-20'. 5. Black Mountain beryl deposit, Rumford, Me. Cross section through D. D. H. 8, through D. D. H. 1 and 4, and through D. D. H. 1 and 5. Geology by J. J. Page and D. M. Larrabee, 9-10/1943; 1"-20'. 6. Black Mountain quarries, Rumford, Me. Logs of drill holes. Logged by D. M. Larrabee and J. J. Page, 9-10/1943. 7. Isopach map of beryl-bearing pegmatite at the Black Mountain beryl deposit, Rumford, Me. By J. J. Page; 1"-20'.	No text. Work done in cooperation with the U. S. Bureau of Mines.
45-77 Beryl	4/27/45	SOUTH DAKOTA Custer	Helen Beryl claim, Custer County, S. Dak.	Three maps (ozalid prints): 1. Geologic map, Helen Beryl claim, Custer County, S. Dak. By L. R. Page and L. C. Pray, 1943. 2. Geologic sections and underground map, Helen Beryl claim, Custer County, S. Dak. 3. Distribution of beryl in representative areas, Helen Beryl pegmatite, Custer County, S. Dak. Geology by L. C. Pray, 8/1943.	No text. Deposits studied and mapped by L. R. Page and L. C. Pray. No charge.
45-78 Feldspar	3/13/45	NEW HAMPSHIRE Sullivan	Yuhas feldspar mines, Acworth, N. H.	Two maps: 1. Yuhas feldspar mine No. 1, Acworth, N. H. By A. H. McNair and F. H. Main, 11/1944. (ozalid print) 2. Yuhas feldspar mine No. 2, Acworth, N. H. By A. H. McNair and F. H. Main, 11/1944. (photostat)	No text. Deposits studied and mapped by A. H. McNair and F. H. Main, 11/1944. No charge.
45-79 Feldspar	3/14/45	NEW HAMPSHIRE Cheshire	Allen feldspar quarry, Alstead, N. H.	One map and section (photostat): Allen feldspar quarry, Alstead, N. H. By V. E. Shainin and K. S. Adams, 10/1944.	Deposits studied and mapped by V. E. Shainin and K. S. Adams, 10/1944. No text. No charge.
45-80 Feldspar	6/20/45	NEW HAMPSHIRE Cheshire	The Colony feldspar deposit, Alstead, N. H.	One map and sections: Colony feldspar deposit, Alstead, N. H. Geology and topography by G. W. Stewart and K. S. Adams, 11/1-16/44.	No text. Deposits studied and mapped by G. W. Stewart and K. S. Adams. No charge.

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	Commodity	Release date	STATE County	Title of press release	Maps distributed	Remarks
45-81	Feldspar	3/14/45	NEW HAMPSHIRE Grafton	Brown Lot No. 10 feldspar quarry, Groton, N. H.	One map and section (photostat): Brown Lot No. 10 feldspar quarry, Groton, N. H. By V. E. Shainin and K. S. Adams, 11/1944.	No text. Deposits studied and mapped by V. E. Shainin and K. S. Adams, 11/1944. No charge.
45-82	Feldspar-mica	6/28/45	NEW HAMPSHIRE Grafton	Ruggles feldspar-mica mine, Grafton County, N. H.	Three maps: 1. Ruggles mine, Grafton, N. H. (Surface map) Mapped by J. J. Page, E. Ellingwood 3d., and F. H. Main. 2. Ruggles mine, Grafton, N. H. (Plan of workings) Mapped by J. J. Page, E. Ellingwood 3d., and F. H. Main. 3. Ruggles mine, Grafton, N. H. (Sections A-A' through F-F') By J. J. Page and F. H. Main, 9/1944.	No text. No charge.
45-83	Mica	6/1945	ALABAMA Randolph	Alabama mica mines.	None.	Press release placed map in open file at the offices of the Geological Survey in Washington, D. C., and in the Crane Building, 35 Battery Park Place, Asheville, N. C.; and in the office of the State Geologist, University of Alabama, Tuscaloosa, Ala. Map in open file: Friendship No. 1 mica mine, Randolph County, Ala. By E. W. Heinrich, and R. W. Lemke, 11/23/44.
45-84	Mica		GEORGIA Cherokee Hart	Georgia mica mines.	None.	Blanket press release placed the following maps in open file at the Geological Survey offices in Washington, D. C., in the McCall Building, Spruce Pine, N. C.; and at the office of the State Geologist, Department of Mines, Mining and Geology, 425 State Capitol, Atlanta, Ga.

STATE County	Release date of maps	No. of Maps	Maps in open file	Remarks
GEORGIA Cherokee	7/1945	3	1. Amphlett mica mine, Cherokee County, Ga. (Surface map)	Geology and topography by E. W. Heinrich, and R. W. Lemke, 10/23-24/44; 1"-20'.
			2. Amphlett mica mine, Cherokee County, Ga. Sections B-B' and C-C'.	Diamond drill holes by Bureau of Mines; logged by E. W. Heinrich and R. W. Lemke, 12/1944; 1"-20'.
			3. South Amphlett mica prospect, Cherokee County, Ga. (Surface map and section A-A')	Mapped by E. W. Heinrich, 12/15/44.
GEORGIA Hart	6/1945	1	1. Wood mica mine, Hart County, Ga.	By W. R. Griffitts, 10/14/44.

45-85	Mica, feldspar spodumene	5/24/45	MASSACHUSETTS	Pegmatite minerals in Massachusetts.	None.	Press release placed report, "Pegmatites of Massachusetts, progress report for work done in the summer of 1942," by M. P. Billings, and 7 maps in open files at the Geological Survey offices in Washington, D. C.; and at the Massachusetts Department of Public Works, Boston, Mass.; at the Massachusetts Development and Industrial Commission, Boston, Mass.; and at the Library, Massachusetts State College, Amherst, Mass.
					Seven maps in open file: 1. Part of Granville quadrangle map, showing locations of pegmatites.	

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Commodity	Release date	STATE County	Title of press release	Maps distributed	Remarks
Mica, feldspar, spodumene	5/24/45	MASSACHUSETTS, (Con't.)		2. Outcrop map, Blandford, Mass., pegmatite areas. 3. Outcrop map, Chester-Blandford State Park, pegmatite areas. 4. Part of Orange quadrangle map, showing locations of pegmatites. 5. Part of Mt. Grace quadrangle map, showing locations of pegmatites. 6. Part of Winchendon quadrangle map, showing locations of pegmatites. 7. Fitchburg quadrangle map, showing locations of pegmatites.	
45-86 Mica	6/1945	NORTH CAROLINA Avery Jackson Macon Mitchell	North Carolina mica mines.	None	Blanket press release placed the following maps in open files at the Geological Survey offices at Washington, D. C., and in the McCall Building, Spruce Pine, N. C.; and at the office of the State Geologist, Raleigh, N. C.

STATE County	Release date of maps	No. of maps	Maps in open file	Remarks
NORTH CAROLINA Avery	6/1945	1	1. Byard Benfield mine, Avery County, N. C.	By J. B. Husted, R. W. Lemke, J. M. Parker 3d., Jan., Feb., 1945. (Prepared in cooperation with the North Carolina Department of Conservation and Development.)
Avery	6/1945	1	1. Moulton mica mine, Avery County, N. C.	Mapped 3/24-25/44 by W. R. Griffitts, J. M. Parker 3d., and J. R. Wolfe, Jr.; remapped 10/24/44 by W. R. Griffitts and J. C. Olson.
Jackson	6/1945	1	1. Buchanan (Dream) mica mine, Jackson County, N. C.	By R. W. Lemke, E. W. Heinrich, 12/18-20/44. (Prepared in cooperation with the North Carolina Department of Conservation and Development.)
Macon	6/1945	1	1. Russell mica mine, Macon County, N. C.	Mapped by E. W. Heinrich and R. W. Lemke, 10/27/44. (Prepared in cooperation with the North Carolina Department of Conservation and Development.)
Mitchell	6/1945	1	1. W. C. Burleson mica mine, Mitchell County, N. C.	Mapped by J. B. Hadley, J. R. Wolfe, Jr., W. P. Irwin, and R. W. Lemke, 12/1944 and 1/1945. (Prepared in cooperation with the North Carolina Department of Conservation and Development)

45-87 Mica		SOUTH DAKOTA Custer	South Dakota mica deposits.	None.	Blanket press release placed the following maps in open files at the Geological Survey offices in Washington, D. C.; and in Custer, S. Dak.

STATE County	Release date of maps	No. of maps	Maps in open file	Remarks
SOUTH DAKOTA Custer	6/1945	1	1. Geologic map and section, Josie Lode pegmatite, Custer County, S. Dak.	By J. W. Adams.
Custer	6/1945	2	1. Geologic map, Climas mica mine, Custer County, S. Dak.	Geology by L. C. Pray, L. R. Page, J. J. Norton, 11/1943; revised by M. P. Erickson.
			2. Geologic maps and sections, underground workings, Climas mica mine, Custer County, S. Dak.	Geology by L. R. Page, J. J. Norton, 4/1944; revised by M. P. Erickson, 1/1945.
Custer	6/1945	22	1. Geologic map and sections, Ann mica mine, Custer County, S. Dak. 2. Detailed geologic maps and sections, Ann mica mine, Custer County, S. Dak.	By T. A. Steven and J. W. Adams, 9/1944. By T. A. Steven, J. W. Adams, and M. P. Stopper, 9/1944.

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	Commodity	Release date	STATE County	Title of press release	Maps distributed	Remarks
45-88	Spodumene	3/19/45	MASSACHUSETTS Worcester	Spodumene deposits in the Leominster-Sterling area, Mass.	None.	Press release placed report, "Spodumene deposits in the Leominster-Sterling area, Mass.," by M. P. Billings and C. W. Wolfe, 5/1944, and 3 maps in open files at the Geological Survey in Washington, D. C., and at the Massachusetts Department of Public Works, Boston, Mass., and at the Massachusetts Development and Industrial Commission, Boston, Mass. Work done in cooperation with the Massachusetts Department of Public Works. 3 maps in open file: 1. Key map to show locations of Rocky Hill and Long Hill pegmatite areas. 2. Map of Long Hill area. 3. Map of Rocky Hill area.
45-89	Spodumene	6/15/45	SOUTH DAKOTA Pennington	Edison spodumene mine, Pennington County, S. Dak.	Four maps. No charge. 1. Geologic map, Edison spodumene mine, Pennington County, S. Dak. By L. R. Page and J. W. Adams, 6-10/1944. 2. Geologic cross sections, Edison spodumene mine, Pennington County, S. Dak. By L. R. Page, 4/1945. 3. Geologic maps of underground workings, Edison spodumene mine, Pennington County, S. Dak. By L. R. Page and J. W. Adams, 6/1944-3/1945. 4. Plans showing geology projected to the adit, 50-foot, and 100-foot levels.	No text.

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	Commodity	Release date	STATE County	Title of press release	Maps distributed	Remarks
45-90	Talc	4/7/45	NEW YORK	Geologic map of the Gouverneur talc district, N. Y.	One map (chromolith); price 50¢. Geologic map of the Gouverneur talc district, N. Y. By J. Gilluly; 1½"-1 mile.	No text.
45-91	Talc	6/27/45	NEW YORK Lewis	New York talc deposits.	None.	No text. Press release placed 5 maps in open files at the Geological Survey, Washington, D. C.; at the office of the State Geologist, New York State Science Service, State Education Building, Albany, N. Y.; and at the Gouverneur Reading Room Association, Gouverneur, N. Y. Maps in open file (blue line prints): 1. Topographic and geologic map of the Natural Bridge talc deposit, Lewis County, N. Y. Geology by A. E. J. Engel, topography by A. E. J. Engel and C. G. Johnson, 11/1944; 1"-60'. 2. Carbola Chemical Co. talc mine, first level (plan of workings), Lewis County, N. Y. Survey in part from Company map of 1923; brought up to date by A. E. J. Engel and K. Stefansson 1/1945; 1"-60'. 3. Geology of the Carbola Chemical Co. talc mine, first level, Lewis County, N. Y. Geology by A. E. J. Engel and K. Stefansson; 1"-30'. 4. Carbola Chemical Co. talc mine, 4th level, Lewis County, N. Y. (Plan of workings) By A. E. J. Engel and C. G. Johnson, 11/1944; 1"-60'. 5. Geology of the Carbola Chemical Co. talc mine, 4th level, Lewis County, N. Y. Geology by A. E. J. Engel; 1"-30'.
45-92	Talc	8/1945	NEW YORK St. Lawrence	New York talc deposits.	None.	No text. Press release placed one map in open files at the Geological Survey, Washington, D. C.; at the office of the State Geologist, New York State Science Service, State Education Building, Albany, N. Y.; and at the Gouverneur Reading Room Association, Gouverneur, N. Y. Map in open file: Geology of the International No. 4 mine and of the adjoining accessible parts of the No. 3 and No. 5 mines, Edwards Township, St. Lawrence County, N. Y. By A. E. J. Engel and K. Stefansson, 3/1945; 1"-50'.
45-93	Talc	9/5/45	NEW YORK St. Lawrence	New York talc deposits.	None.	No text. Press release placed one map in open files at the Geological Survey, Washington, D. C.; at the office of the State Geologist, New York State Science Service, State Education Building, Albany, N. Y.; and at the Gouverneur Reading Room Association, Gouverneur, N. Y. Map in open file:

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	Commodity	Release date	STATE County	Title of press release	Maps distributed	Remarks
	Talc (Con't.)		NEW YORK St. Lawrence			Isometric diagram of the International No. 4 mine, Edwards township, St. Lawrence County, N. Y. By A. E. J. Engel and K. Stefansson, 4/1945.
45-94	Talc	10/2/45	NEW YORK St. Lawrence	New York talc deposits.	None.	No text. Press release placed three maps in open files at the Geological Survey, Washington, D. C.; at the office of the State Geologist, New York State Science Service, State Education Building, Albany, N. Y.; and at the Gouverneur Reading Room Association, Gouverneur, N. Y.
					Three maps in open file (ozalid prints): 1. Topographic and geologic map of the International 2½ mine, Edwards Twonship, St. Lawrence County, N. Y. (Surface map and vertical sections A-A', B-B', C-C', D-D'.) Topography and geology by A. E. J. Engel and C. G. Johnson, 5/1945. 1"-50'. 2. The International 2½ mine, Edwards township, St. Lawrence County, N. Y. (Shows location of footwall and hanging wall on 7th, and 5th levels and on surface). By A. E. J. Engel, 5/1945. 3. Geology of the International 2½ mine, 5th and 7th levels, Edwards township, St. Lawrence County, N. Y. Geology by A. E. J. Engel.	
45-30	Talc	7/19/45	VERMONT Washington Lamoille	Talc mines in Vermont.	None.	No text. Press release placed four maps in open files at the Geological Survey, Washington, D. C.; and at the Office of the State Geologist, Burlington, Vt.
					Four maps in open file: 1. Eastern Magnesia Talc Co. Waterbury mine, Morestown, Vt. Geology and topography by M. P. Billings and A. H. Chidester, 10/15/44-11/4/44; 1"-30'. 2. Eastern Magnesia Talc Co, Johnson mine, Johnson, Vt. Geology and topography by M. P. Billings, A. H. Chidester, and A. E. J. Engel, 8-10/1944; 1"-30'. 3. Geologic map of 200-foot level, Eastern Magnesia Talc Co. Johnson mine, Johnson, Vt. Geology by M. P. Billings, A. H. Chidester, and A. E. J. Engel. Map of mine workings by Eastern Magnesia Talc Co., 7/1944-1/1945; 1"-30'. 4. Structure sections, Eastern Magnesia Talc Co. Johnson mine, Johnson, Vt. Geology by M. P. Billings, A. H. Chidester, and A. E. J. Engel. Position of mine workings from map by Eastern Magnesia Talc Co. 7/1944-1/1945. 1"-30'.	
45-13	Tin	12/28/45	CALIFORNIA Riverside	Tin deposits of the Temescal tin district, Riverside County, Calif.	None.	Deposits studied and mapped by L. R. Page, T. P. Thayer, and G. L. Bell. Report: The Temescal tin district, Riverside County, Calif. By L. R. Page and T. P. Thayer. Work was done in cooperation with Metals Reserve Company. Report and 13 maps placed in open file at Geological Survey Library, Washington, D. C., and offices at Salt Lake City, Utah; and at the California Division of Mines, Ferry Building, San Francisco, Calif.
					Thirteen maps in open file (van dyke prints): 1. Index maps showing the location of the Temescal tin district, Calif. 2. Geologic map of the Temescal tin district, Riverside County, Calif. Geology by L. R. Page and G. L. Bell; topography from maps of the Metropolitan Water District. 1"-½ mile. 3. Geologic map of the Cajalco mine area, Temescal district, Riverside County, Calif. Geology by L. R. Page and G. L. Bell, 1940. Topography by L. R. Page and G. L. Bell; 1"-400'.	

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Tin (Con't.)		CALIFORNIA		4. Geologic map of the Black Rocks area, Temescal district, Riverside County, Calif. By L. R. Page and G. L. Bell, 1940; 1"-400'. 5. Geologic map of Cajalco Hill. By T. P. Thayer; revised by J. Wiese, 1943; 1"-40'. 6. Plan of Black Rock tourmaline blowout and adjacent veins. Geology by T. P. Thayer, 1943; 1"-40'. 7. Tourmaline veins in Metals Reserve Company trenches east of shaft No. 12, Temescal district; 1"-40'. 8. Assay map of the Cajalco tin mine, Riverside County, Calif. 1"-40'. 9. Geologic map of vein No. 5, near shaft No. 8, Temescal tin district, Riverside County, Calif. Geology and topography by L. R. Page and G. L. Bell, 1941; 1"-40'. 10. Geologic map of No. 3 adit, Cajalco tin mine, Riverside County, Calif. By L. R. Page, 1940; 1"-40'. 11. Geologic map of the Cajalco tin mine, Riverside County, Calif. 1"-40'. 12. Detailed plan of branching vein west of Cajalco Hill, Temescal tin district, Riverside County, Calif. Geology by L. R. Page, T. D. Lance, 1940; 1"-20'. 13. Adit No. 9, vein No. 10, Temescal tin district, Riverside County, Calif. By L. R. Page and L. C. Pray, 1943; 1"-40'.	
45-95 Tin	10/26/45	CALIFORNIA Kern	Tin deposits of the Gorman district, Kern County, Calif.	None.	Press release placed report, "Tin deposits of the Gorman district, Kern County, Calif.," by L. R. Page and J. H. Wiese, and 7 maps in open file at Geological Survey offices at Washington, D. C., and Salt Lake City, Utah; and at the California Division of Mines, Ferry Building San Francisco, Calif.
				Seven maps in open file: 1. Index map of southern California showing location of the Gorman tin district. 2. Geologic map and section of the Gorman tin district, Kern County, Calif. Geology by J. H. Wiese, 1944. 3. Geologic map, section, and isometric diagram of Meeke tin deposit, Kern County, Calif. Geology by J. H. Wiese, 7-9/1944. 1"-50'. 4. Plan and section, 23-foot level, Meeke tin mine. Geology by L. R. Page, J. H. Wiese, A. R, Kinkel. 12/1944; 1"-10'. 5. Geologic map and sections of upper Butler tin prospect, Kern County, Calif. Geology by L. R. Page, L. C. Pray, and J. H. Wiese, 1943-44; 1"-50'. 6. Geologic map of Crowbar Gulch tin prospect, Kern County, Calif. Geology by T. P. Thayer, 1943; revised by J. H. Wiese, 1944; 1"-100'. 7. Lower Butler tin prospect, Kern County, Calif. Geology by J. H. Wiese, L. L. Lewis, 1/1945; 1"-50'.	
45-96 Tungsten	7/26/45	CALIFORNIA Inyo	Pine Creek and Adamson tungsten mines, Inyo County, Calif.	None.	Press release placed report, "Pine Creek and Adamson tungsten mines, Inyo County, Calif.," by P. C. Bateman, and 25 maps in open file at the Geological Survey offices at Washington, D. C., and Salt Lake City, Utah; and at the California State Division of Mines, Ferry Building, San Francisco, Calif.
				Twenty five maps in open file (van dyke prints): 1. Geologic map of Pine Creek and Adamson tungsten mines, Inyo County, Calif. Primary triangulation by U. S. Vanadium Corporation. Geology and topography by D. M. Lemmon, M. Gordon, Jr., and D. Wyant, 1940; 1"-400'. 2. Pine Creek mine, U. S. Vanadium Corp., surface map, north part. Interpretation of ore shoots by P. C. Bateman, 8/1940; 1"-100'. 3. Pine Creek mine, composite map of levels 250, A. C. E., reduced from U. S. Vanadium Corp. mine map, 8/1944; 1"-100'. 4. Pine Creek mine, U. S. Vanadium Corp., level 250. Geology by P. C. Bateman, 8/1044; 1"-100'. Map shows tungsten ore, grade over .4% WO_3.	

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	Commodity	Release date	STATE County	Title of press release	Maps distributed	Remarks
	Tungsten (Con't.)		CALIFORNIA		4A. Same as plate 4, showing molybdenum ore. 5. Pine Creek mine, U. S. Vanadium Corp. level A; shows tungsten ore. 5A. Same as plate 5, showing molybdenum ore. 6. Pine Creek mine, U. S. Vanadium Corp. Grizzly level; shows tungsten ore. 6A. Same as plate 6, showing molybdenum ore. 7. Pine Creek mine, U. S. Vanadium Corp. level A 1; shows tungsten ore. 7A. Same as plate 7, showing molybdenum ore. 8. Pine Creek mine, U. S. Vanadium Corp. level A 2; shows tungsten ore. 8A. Same as plate 8, showing molybdenum ore. 9. Pine Creek mine, U. S. Vanadium Corp. level A 3; shows tungsten ore. 9A. Same as plate 9, showing molybdenum ore. 10. Pine Creek mine, U. S. Vanadium Corp. level A 4; shows tungsten ore. 10A. Same as plate 10, showing molybdenum ore. 11. Pine Creek mine, U. S. Vanadium Corp. level A 5; shows tungsten ore. 11A. Same as plate 11, showing molybdenum ore. 12. Pine Creek mine, U. S. Vanadium Corp. level C; shows tungsten ore. 12A. Same as plate 12, showing molybdenum ore. 13. Pine Creek mine, U. S. Vanadium Corp. level C 2; shows tungsten ore. 13A. Same as plate 13, showing molybdenum ore. 14. Pine Creek mine, U. S. Vanadium Corp. level C 4; shows tungsten ore. 14A. Same as plate 14, showing molybdenum ore. 15. Pine Creek mine, U. S. Vanadium Corp. level C 7; shows tungsten ore. 15A. Same as plate 15, showing molybdenum ore. 16. Pine Creek mine, U. S. Vanadium Corp. level E; shows tungsten ore. 17. Pine Creek mine; N-S projection of South ore body; 1"-100'. 18. Pine Creek mine; block diagram of South ore body; 1"-100'. 19. Pine Creek mine; N-S vertical projection of North ore bodies; 1'-100'. 20. Pine Creek mine; Section 6270; 1"-100'. Map shows tungsten ore. 20A. Same as plate 20, showing molybdenum ore. 21. Pine Creek mine; section 6400; 1"-100'. Map shows tungsten ore. 21A. Same as plate 21, showing molybdenum ore. 22. Pine Creek mine; section 6600; 1"-100'. Map shows tungsten ore. 23. Pine Creek mine; section A-A'; 1"-100'. 24. Pine Creek mine; section B-B'; 1"-100'. 25. Adamson mine, lower workings (surface maps, cross sections, and level maps). Geology by P. C. Bateman and M. P. Erickson, 1944.	
45-23	Tungsten	4/24/45	CALIFORNIA Kern	Hi-Peak tungsten mine, Kern County, Calif.	Two maps: 1. Index map showing location of Hi-Peak tungsten mine. 2. Hi-Peak tungsten mine, Kern County, Calif. (surface map and section, South adit; north workings, Adit level and 50-foot level) By R. F. Stopper, M. P. Erickson, and P. C. Bateman, 7/1943 and 1/1945; 1"-40'.	Report: Hi-Peak tungsten mine, Kern County, Calif. No charge.
45-10	Tungsten	10/9/45	IDAHO Valley	The Yellow Pine district, Valley County, Idaho.	One map (photolith): price 20¢. Geologic map of the Yellow Pine area, Valley County, Idaho. Geology by D. E. White, and R. H. Carpenter, 1940. Base map from map of part of Geol. Survey Yellow Pine Quadrangle, 1:48,000.	Report: The Yellow Pine district, Valley County, Idaho, by D. E. White. (mimeographed)

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	Commodity	Release date	STATE County	Title of press release	Maps distributed	Remarks
45-97	Tungsten	10/22/45	IDAHO Lemhi	Ima and General Electric tungsten deposits, Blue Wing district, Lemhi County, Idaho.	None.	Press release placed report, "Report of the Ima and General Electric tungsten deposits, Blue Wing district, Lemhi County, Idaho," by S. W. Hobbs, and 11 maps in open file at Geological Survey offices in Washington, D. C., and Spokane, Wash.; and at the Idaho Bureau of Mines and Geology, University of Idaho, Moscow, Idaho.
					Eleven maps (ozalid) in open file: 1. Geologic map of part of the Ima Mines Corp. and General Electric Co. properties, Blue Wind district, Lemhi County, Idaho. Geology and topography by D. Lemmon and D. G. Wyant, S. W. Hobbs, and S. E. Clabaugh, 9/1944; 1"-200'. 2. Geologic map of the main vein zone, Ima mine, Blue Wing district, Lemhi County, Idaho. Geology and topography by D. Lemmon, D. G. Wyant, S. W. Hobbs, and S. E. Clabaugh, 9/1944; 1"-50'. 3. Geologic map of the 0 level, Ima mine. 1"-50'. 4. Geologic map of the 100 level, Ima mine. 1"-50'. 5. Geologic map of the 150 and upper tunnel, Ima mine. 1"-50'. 6. Geologic map of the Intermediate level, Ima mine. 1"-50'. 7. Geologic map of the Main level, Ima mine. 1"-50'. 8. Geologic map of the Shaft level, Ima mine. 1"-50'. 8B. Thickness of main Ima vein shown in longitudinal projection. 1"-100'. 9. Sections A-A' and B-B'. 10. Sections C-C' and D-D'. 11. Sections E-E', F-F', G-G', and H-H', Ima mine.	
45-4	Tungsten	8/20/45	NEVADA White Pine	Tungsten deposits in the Minerva district, White Pine County, Nev.	None.	Press release placed report, "Tungsten deposits in the Minerva district, White Pine County, Nev.," by D. M. Lemmon, and 23 maps in open file at Geological Survey offices at Washington, D. C., and Salt Lake City, Utah; and at the Nevada State Bureau of Mines, Reno, Nev. Work done in cooperation with U. S. Bureau of Mines, Project 705 A.
					Twenty three maps in open file: 1. Index map of Nevada showing location of the Minerva district. 2. Minerva district, White Pine County, Nev., showing principal veins and faults. By D. M. Lemmon; 1"-600'. 3. Map of a portion of the Minerva district, Nev. Geology and topography by D. M. Lemmon and D. Wyant, 1940; 1"-300'. Revised 1943. 4. Surface map of the Hilltop mine, Minerva district, Nev. By K. B. Krauskopf and R. F. Stopper, 6/1943; 1"-200'. 5. Map and vertical projection of the Scheelite Chief vein. By D. M. Lemmon, 6/1943; 1"-300'. 6. Scheelite Chief mine, Minerva district, Nev.; composite map. By D. M. Lemmon, 1940-43; west workings from maps by K. E. Richard and J. D. Burgess, 1940, for Tungsten Metals Corp. 1"-40'. 7. Scheelite Chief mine, Minerva district, Nev. Vertical projection of west workings. By D. M. Lemmon; 1"-40'. 8. Scheelite Chief mine; vertical E-W projection (east workings) by D. M. Lemmon, 12/10/43, 2/22/43; 1"-40'. 9. Composite map of the Silver Bell mine. By D. M. Lemmon, 10/1944. 10. Silver Bell mine, Nev.; vertical projection. By D. M. Lemmon, 10/1944; 1"-40'. 11. Criole mine, Minerva district, Nev.; composite map. After maps by K. E. Richard and J. D. Burgess for Tungsten Metals Corp., 1940, with slight modifications by D. M. Lemmon; 1"-20'. 12. Vertical projection of the Criole mine, Minerva district, Nev. By D. M. Lemmon and D. Wyant, 1940; 1"-20'. 13. Map and vertical projection of the Everit vein. By D. M. Lemmon, 1940-43; 1"-300'. 14. West Everit mine, Minerva district, Nev.; composite map. By D. M. Lemmon, 1940-43; 1"-40'. 15. West Everit mine, Minerva district, Nev.; vertical E-W projection. By D. M. Lemmon, 1943; 1"-40'. 16. West Everit mine, Minerva district, Nev.; section along 11,350 E. By D. M. Lemmon, 1943; 1"-40'.	

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	Tungsten (Con't.)		NEVADA		17. Map of workings, East Everit mine. Geology by D. M. Lemmon, 1940-43; transit survey by R. V. Geehan, U. S. Bureau of Mines, 1943; 1"-170'. 18. East Everit mine, Minerva district, Nev.; vertical E-W projection. By D. M. Lemmon, 1943; 1"-40'. 19. Minerva district, Nev., East Everit vein. By D. M. Lemmon, 1943; 1"-40'. 20. East Everit vein, Minerva district, Nev. Section along 14,674 E. By D. M. Lemmon, 12/7/43; 1"-40'. 21. Canary Yellow mine, Minerva district, White Pine County, Nev. By K. B. Krauskopf, 5/25/43; 1"-20'. 22. Map and vertical projection of Hilltop mine. By D. M. Lemmon, 1943; 1"-100'. 23. Hilltop mine, Minerva district, Nev. Mapped by D. Wyant 1941; Lemmon 1941-43; and K. B. Krauskopf 1943; 1"-20'.	
45-98	Tungsten	4/9/45	NORTH CAROLINA Vance VIRGINIA Mecklenburg	Tungsten deposits of Vance County, N. C., and Mecklenburg County, Va.	None.	Press release placed 2 maps in open file at the Geological Survey in Washington, D. C., and at College Park, Md.; at the Virginia Geological Survey, Charlottesville, Va.; at the Division of Mineral Resources, State Department of Conservation and Development, Raleigh, N. C.; and at the H. Leslie Perry Memorial Library, Henderson, N. C. Two maps in open file (blue line prints): 1. Geologic map of the 80-foot level, Walker No. 3 vein, Hamme tungsten area, N. C. 2. Geologic map of the 100-foot level, Walker No. 2 vein, Hamme tungsten area, N. C. Both maps by G. H. Espenshade and C. F. Park, Jr., 5, 10/1944.
45-14	Tungsten	9/18/45	UTAH Juab	Tungsten deposits in the West Tintic mining district, Juab County, Utah.	Three maps: 1. Index map of Utah. 2. Geologic map of mine workings, Desert Tungsten mine, West Tintic mining district, Juab County, Utah. Compiled from maps by J. H. Wiese, A. E. Granger, and S. W. Hobbs, 3/1943; 1"-40'. 3. Geologic map of Desert Tungsten mine area, West Tintic mining district, Juab County, Utah. By J. H. Wiese, based on mapping by A. E. Granger, and A. F. Shride, 1942; 1"-100'	Report: Tungsten deposits in the West Tintic mining district, Juab County, Utah. By S. W. Hobbs. (mimeographed) Work done in cooperation with U. S. Bureau of Mines.

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	Commodity	Release date	STATE County	Title of press release	Maps distributed	Remarks
45-16	Vanadium	1/1/45	COLORADO Garfield	Geology of the Rifle Creek vanadium area, Garfield County, Colo.	One map (blue line print): 1. Geologic and topographic map, Rifle Creek vanadium area, Garfield County, Colo. By R. P. Fischer, W. L. Stokes, and L. E. Smith; 1:31,680.	Report: Vanadium deposits on East Rifle Creek, near Rifle, Garfield County, Colo. By R. P. Fischer, W. L. Stokes, and L. E. Smith. (mimeographed)
45-99	Vanadium	5/28/45	COLORADO Mesa UTAH Grand	Vanadium deposits in the Gateway area, Mesa County, Colo., and the adjoining part of Grand County, Utah.	One map; price 25 cents. 1. Geologic map of the Gateway area, Mesa County, Colo., and the adjoining part of Grand County, Utah." Geology by W. L. Stokes, R. T. Russell, R. P. Fischer, and A. P. Butler, Jr.	Report: Vanadium deposits in the Gateway area, Mesa County, Colo., and the adjoining part of Grand County, Utah. By W. L. Stokes and R. P. Fischer.

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	Commodity	Release date	STATE County	Title of press release	Maps distributed	Remarks
45-100	Coal	2/7/45	ALASKA Matanuska Valley	Geology and coal resources of the western part of the lower Matanuska Valley coal field, Alaska.	Eight maps (blue line): 1. Index map of Alaska showing location of lower Matanuska Valley coal field. 2. Map of Geology and coal deposits along Moose Creek and north slope of Wishbone Hill, lower Matanuska Valley, Alaska. 3. Map and cross sections showing geology and coal deposits Premier and Baxter areas, lower Matanuska Valley coal field, Alaska. 4. Map and cross sections showing geology and coal deposits of the Buffalo area lower Matanuska Valley coal field, Alaska. 5. Map of geology and coal deposits of the Howard and Jesson area, lower Matanuska Valley coal field, Alaska. 6. Tentative correlation of stratigraphic sections in lower Matanuska Valley coal field, Alaska. 7. Correlated stratigraphic sections along Moose Creek, north slope of Wishbone Hill, Alaska. 8. Stratigraphic sections of "Premier" coal group, lower Matanuska Valley coal field, Alaska.	Press release announced preliminary report, "Geology and coal resources of western part of the lower Matanuska Valley coal field, Alaska," by T. G. Payne and D. M. Hopkins. Mimeographed report and eight maps.
45-101	Coal	6/22/45	ALASKA Healy River	Coal deposits in the valley of Healy River, Alaska.	Six maps (multilith): 1. Map of Alaska showing location of the area covered. 2. Geologic and topographic map of part of the valley of Healy River, Alaska. (Blue line). 3. Geologic and topographic map of part of the valley of the Healy River, Alaska, (east part). (Blue line). 4. Stratigraphic sections showing correlations of coal beds in the valley of the Healy River, Alaska. 5. Map of part of the valley of the Healy River, showing structure contours on the base of coal bed No. 1. 6. Vertical cross sections through coal deposits in the valley of the Healy River, Alaska.	Press release announced preliminary report, "Coal deposits in the valley of Healy River, Alaska," by C. Wahrhaftig and J. Freedman. Eleven mimeographed pages and six maps.
45-102	Coal	8/1/45	ALASKA Matanuska Valley	Geology and coal deposits of the eastern part of the lower Matanuska Valley coal field, Alaska.	Seven maps (multilith): 50 cents. 1. Index map of Alaska showing location of lower Matanuska Valley coal field. 2. Stratigraphic sections showing correlation of coal beds. 3. Geologic structure sections across the eastern part of the lower Matanuska coal field, Alaska. 4. Sections of coal beds. 5. Sketch map of coal deposits 1½ miles northeast of Eska. 6. Sections of coal beds exposed 1½ miles northeast of Eska. 7. Sketch map showing inferred positions of coal beds of 1,000 - foot level between Eska and Jonesville fault zones.	Press release announced preliminary report, "Geology and coal resources of the eastern part of the lower Matanuska Valley coal field, Alaska," by F. F. Barnes and F. M. Byers, Jr. Twenty one mimeographed pages and seven maps.
45-25	Copper-Palladium	2/6/45	ALASKA Southeastern, Prince of Wales Island	Salt Chuck copper-Palladium mine, Prince of Wales Island, southeastern Alaska.	Four maps (multilith): 1. Generalized geologic map of the Salt Chuck mine and vicinity, Prince of Wales Island, southeastern Alaska. 2. Isometric geologic block diagram, Salt Chuck mine, Prince of Wales Island, southeastern Alaska. 3. Geologic map of the glory hole and the 100-level tunnel, Salt Chuck mine. 4. Geologic map of the 200-foot level, Salt Chuck mine.	Press release announced preliminary report, "Salt Chuck copper-palladium mine, Prince of Wales Island, southeastern Alaska," by H. M. Galt. Eighteen mimeographed pages and four maps.

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	Commodity	Release date	STATE County	Title of press release	Maps distributed	Remarks
45-103	Petroleum	5/12/45	ALASKA Katalla	Petroleum possibilities in the Katalla area, Alaska.	One map (photolith); 75 cents. 1. Geologic and topographic map and sections of the Katalla area, Alaska.	Press release announced "Preliminary report on petroleum possibilities in the Katalla area, Alaska," by D. J. Miller, D. L. Rossman, and C. A. Hickcox. Eighteen mimeographed pages and one map.
45-26	Petroleum	9/12/45	ALASKA Wide Bay	Geology and oil possibilities of the southwestern part of the Wide Bay anticline, Alaska.	Two maps (photolith); 60 cents. 1. Geologic map of the southwestern part of the Wide Bay anticline, Alaska. 2. Columnar sections and correlation chart of rocks at Wide Bay and Cold Bay, Alaska.	Press release announced preliminary report, "Geology and oil possibilities of the southwestern part of the Wide Bay anticline, Alaska," by L. B. Kellum, S. N. Daviess, and C. M. Swinney. Seventeen mimeographed pages, seven plates of illustrations, and two maps.
45-104	Quicksilver	6/6/45	ALASKA Southwestern, Iditarod	Quicksilver deposits in the DeCourcy Mountain area, Iditarod district, southwestern Alaska.	Seven maps (multilith): 1. Location of and approaches to DeCourcy Mountain mine. 2. Map showing lode mining claims DeCourcy Mountain area. 3. Geologic map, DeCourcy Mountain area. 4. Geologic map, DeCourcy Mountain mine, Iditarod district, southwestern Alaska. 5. Map showing cinnabar veins DeCourcy Mountain mine, Iditarod district, southwestern Alaska. 6. Map showing samples and assays taken by U. S. Bureau of Mines, DeCourcy Mountain mine, Iditarod district, southwestern Alaska. 7. Section along Tunnel vein, DeCourcy Mountain mine.	Press release announced preliminary report, "Quicksilver deposits in the DeCourcy Mountain area, Iditarod district, southwestern Alaska," by E. J. Webber. Thirteen mimeographed pages and seven maps.
45-105	Tungsten	2/12/45	ALASKA Southeastern, Hyder district	Tungsten deposits of the Hyder district, southeastern Alaska.	Six maps (multilith): 1. Index map showing location of the Hyder district, southeastern Alaska. 2. Generalized geologic map of a part of the Hyder district, southeastern Alaska. 3. Geologic map of the Lindeborg shear zone, Riverside mine, Hyder district, Alaska. 4. Geologic maps of levels, Riverside mine Hyder district, Alaska. 5. Longitudinal projection of main workings in Lindeborg shear zone, Riverside mine, Hyder district, Alaska. 6. Geology and scheelite deposits of the Mountain View property, Hyder district, Alaska.	Press release announced preliminary report, "Tungsten deposits of the Hyder district, southeastern Alaska," by F. M. Byers, Jr. Thirteen mimeographed pages and six maps.