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**U.S. GEOLOGICAL SURVEY LIBRARY  
FIELD RECORDS COLLECTION  
DENVER, COLORADO**

**JOCELYN ANN PETERSON**  
(1951 - )

NOTES, CORRESPONDENCE, PAPERS

1977 - 1994

(1.5 linear ft. and 15 map folders)

INVENTORY

By

Carol A. Edwards and Clay M. Martin  
U.S. Geological Survey Field Records Collection  
MS 914, Box 25046, Federal Center  
Denver, CO 80225-0046  
December 2002/January, September 2003/September 2010

Location of Field Notebooks: CS-7: 1

**MINERAL APPRAISAL OF THE MEDFORD 1 X 2-DEGREE  
QUADRANGLE, OREGON. 1975-1977.**

<u>Item Number</u>	<u>Description</u>
NO-11810	J.A. Peterson. Two groups of field notebook pages with geologic notes and sketches related to field investigation of metavolcanic terranes within the Medford 1 x 2-degree quadrangle, Oregon. July 1975, June 1977.

Published as: U.S. Geological Survey. Circular 976. 1986.

**GEOLOGIC MAP OF THE MINERAL MOUNTAIN 7.5' QUADRANGLE,  
PINAL COUNTY, ARIZONA. 1977.**

NO-11811	J.A. Peterson. Field notebook pages with geologic notes and sketches related to field investigation of the Mineral Mountain 7.5' quadrangle, Arizona. 1977.
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Published as: U.S. Geological Survey. Open-file report 78-468. 1978.

**MASSIVE SULFIDE DEPOSITS IN THE SIERRA NEVADA FOOTHILLS,  
CALAVERAS COUNTY, CALIFORNIA. 1982.**

NO-08257	J.A. Peterson. Field notebook pages with geologic notes from a field trip to massive sulfide deposits in the Sierra Nevada foothills, California. Mines visited include: Pine Hill, Valley View, Spenceville, Copper Hill, Newton, and Penn. (Note: the submission forms state that the notes are from 1982, although earlier dates appear on at least one sheet).
MA-01724	Map folder with six maps showing the route of a field trip and localities visited in Amador, Calaveras, El Dorado, Nevada, Placer, Stanislaus, and Tuolumne Counties, California: <ul style="list-style-type: none"><li>- One copy, each, of the Auburn, Grass Valley, Placerville, and Valley Springs 15' quadrangles, California.</li><li>- Two copies of the Copperopolis 15' quadrangle, California.</li></ul>

U.S. Geological Survey. Open-file report 85-588. 1985.

U.S. Geological Survey. Miscellaneous field studies map MF-1797. 1985.

**MINERAL RESOURCES STUDY OF THE CASTLE CRAGS AND MOUNT  
EDDY ROADLESS AREAS, SHASTA, SISKIYOU, AND TRINITY  
COUNTIES, CALIFORNIA. 1982.**

- MA-03036 Map folder with 12 items:
- Two field maps showing the boundary of the Mount Eddy Roadless Area.
  - Field map showing the boundary of the Castle Crags Roadless Area.
  - Two copies, each, of the China Mountain, Dunsmuir, and Weed 15' quadrangles, California, with annotations. One set of maps indicates locations of geochemical samples from rock outcrops; the other shows stream sediment samples locations.
  - Field map showing rock and stream sediment sampling locations for the Castle Crags and Mount Eddy Roadless Areas.
  - Two isopleth maps showing unidentified data.

Published as: U.S. Geological Survey. Open-file report 83-13. 1983.

Published as: U.S. Geological Survey. Miscellaneous field studies map MF-1529-A. 1983.

Published as: U.S. Geological Survey. Miscellaneous field studies map MF-1529-B. 1983.

Published as: U.S. Geological Survey. Miscellaneous field studies map MF-1529-C. 1983.

**GEOLOGY OF THE PENN MINE MASSIVE SULFIDE DEPOSIT,  
CALAVERAS COUNTY, CALIFORNIA. 1983.**

- NO-08301 J.A. Peterson. Field notebook pages with geologic notes and sketches related to field investigation of the Penn Mine massive sulfide deposit, California. Stops 1-158; sample numbers 83JP1 – 83JP33, 83JP80, 83JP138, 83JP139. Some sample numbers are out of sequence. Also included are notes on photos taken. 1983.
- NO-08302 J.A. Peterson. Field notebook with geologic notes and sketches related to field investigation of the Penn Mine massive sulfide deposit, California. Stops 159-436; sample numbers 83JP35 – 83JP70, 83JP109 – 83JP127. Some sample numbers are out of sequence. Also included are notes on photos taken. 1983.
- NO-08303 Expandable envelope with two folders:
- Folder 1. Group of printouts of geochemistry analytical data for the Penn Mine massive sulfide deposit, California.
  - Folder 2. Group of rock sample descriptions for the Penn Mine massive sulfide deposit, California. Note: At the time she deposited these materials with the Field Records Collection (June, 1995) Ms. Peterson noted that the microscopic thin sections made for this project were in the possession of Charles Alpers, USGS Water Resources Division, Sacramento, California.

MA-01737 Map folder with two field maps for the Penn Mine massive sulfide deposit area, Calaveras County, California, with geologic annotations .

MA-01738 Map folder with 35 items:

- 31 diagrams showing data for geochemical samples taken in the Penn Mine massive sulfide deposit area, Calaveras County, California.
- Three diagrams showing x-ray diffraction data for samples taken in the Penn Mine massive sulfide deposit area, Calaveras County, California.
- Geologic cross-section diagram for the Penn Mine massive sulfide deposit area, Calaveras County, California,

MA-01739 Map folder with six base maps showing the topography of the Penn mine and Camanche Reservoir areas, Calaveras County, California. Obtained from East Bay Municipal Utility District, Oakland, California.

Published as: U.S. Geological Survey. Open-file report 85-588. 1985.

Published as: U.S. Geological Survey. Miscellaneous field studies map MF-1797. 1985.

### **GEOLOGIC MAPPING OF THE AJO AND LUKEVILLE 1 X 2-DEGREE QUADRANGLES, ARIZONA. 1983.**

NO-11812 Expandable envelope with two folders:

- Folder 1. Three sheets of semi-quantitative spectroscopic analysis results for samples taken in the Ajo and Lukeville 1 x 2-degree quadrangles, Arizona.
- Folder 2. J.A. Peterson. Field notebook pages with geologic notes and sketches related to field investigation of the Ajo and Lukeville 1 x 2-degree quadrangles, Arizona. An accompanying note states "The field work was only peripherally associated with these pubs. It was mostly a familiarization exercise". 1983.

Published as: U.S. Geological Survey. Miscellaneous field studies map MF-1834-A. 1986.

Published as: U.S. Geological Survey. Miscellaneous field studies map MF-1834-B. 1987.

Published as: U.S. Geological Survey. Circular 1082. 1992.

### **MINERAL DEPOSITS IN THE KLAMATH MOUNTAINS, ESPECIALLY NEAR THE SHASTA DISTRICTS, SISKIYOU COUNTY, CALIFORNIA. 1984.**

NO-08254 J.A. Peterson. Field notebook pages with geologic notes and sketches related to field investigations in the Klamath Mountains, California. 1984.

**MINERAL RESOURCES STUDY, NORTH FORK LITTLE HUMBOLDT RIVER WILDERNESS STUDY AREA, HUMBOLDT COUNTY, NEVADA. 1984.**

- NO-08287 J.A. Peterson. Field notebook pages with geologic notes and sketches related to field investigation of the North Fork Little Humboldt River Wilderness Study Area, Nevada. Field location numbers 1-143; sample numbers 84JP1 - 84JP32. Also included are notes on photos taken. 1984.
- NO-08288 G. Wong. Field notebook pages with geologic notes and sketches related to field investigation of the North Fork Little Humboldt River Wilderness Study Area, Nevada. Field location numbers 1-80; sample numbers 84GW1-84GW30. 1984.
- NO-08289 Expandable envelope with 72 black and white aerial photographs, some with geologic annotations, covering the North Fork Little Humboldt River Wilderness Study Area, Nevada.
- NO-08290 Envelope with four boxes containing a total of 25 microscopic thin section slides from samples taken in the North Fork Little Humboldt River Wilderness Study Area, Nevada.
- NO-08887 Envelope with group of geochemical analyses and thin section description sheets for samples taken in the North Fork Little Humboldt River Wilderness Study Area, Nevada.
- MA-01733 Map folder with eight items:
- Two field maps of the North Fork Little Humboldt River Wilderness Study Area, Nevada, with annotations.
  - Two copies, each, of the Greeley Flat, Greeley Flat SE, and Whiskey Springs 7.5' quadrangles, Nevada. One set of maps indicates sample locations; the other shows field locations.

Published as: U.S. Geological Survey. Open-file report 87-373. 1987.

Published as: U.S. Geological Survey. Miscellaneous field studies map MF-1815. 1986.

Published as: U.S. Geological Survey. Bulletin 1732-A. 1986.

**MINERAL RESOURCES STUDY OF THE TUNNISON MOUNTAIN WILDERNESS STUDY AREA, LASSEN COUNTY, CALIFORNIA. 1985.**

- NO-08292 Expandable envelope with five folders:
- Folder 1. J.A. Peterson. Field notebook pages with geologic notes and

sketches related to field investigation of the Tunnison Mountain Wilderness Study Area, California. Stop numbers 11-159; sample numbers 85JP1-85JP32. Also included are notes on photos taken. June 1985.

- Folder 2. Carolyn A. Goeldner. Field notebook pages with geologic notes and sketches related to field investigation of the Tunnison Mountain Wilderness Study Area, California. Stop numbers 1-67; sample numbers 85CG1-85CG27. June 1985.
- Folder 3. Group of rock and thin section description sheets for samples taken in the Tunnison Mountain Wilderness Study Area, California.
- Folder 4. Group of geochemistry analytical data printouts for samples taken in the Tunnison Mountain Wilderness Study Area, California.
- Folder 5. Group of 32 black and white aerial photographs, some with geologic annotations, covering the Tunnison Mountain Wilderness Study Area, California. 1975.

NO-08293 Expandable envelope with a box of 57 microscopic thin section slides from samples taken in the Tunnison Mountain Wilderness Study Area, California, by Jocelyn Peterson and Carolyn A. Goeldner.

MA-01736 Map folder with 14 items:

- Two field maps of the Tunnison Mountain Wilderness Study Area, California, with annotations.
- Three copies, each, of the Fredonyer Peak, Karlo, Litchfield, and Susanville 15' quadrangles, California. One set of maps indicates sample locations; the second set shows stop numbers; and the third shows study area boundaries.

Published as: U.S. Geological Survey. Bulletin 1706-B. 1988.

Published as: U.S. Geological Survey. Miscellaneous field studies map MF-1945. 1987.

### **MINERAL RESOURCES STUDY OF THE TABLE TOP MOUNTAIN WILDERNESS STUDY AREA, MARICOPA AND PINAL COUNTIES, ARIZONA. 1986.**

NO-08259 Two expandable envelopes with seven folders:

- Folder 1. J.A. Peterson. Field notebook pages with geologic notes and sketches related to field investigation of the Table Top Mountain Wilderness Study Area, Arizona. Station locations. 1-197; samples 86JP1 through 86JP31. Also included are notes on photos taken. 1986.
- Folder 2 . M.I. Hornberger. Field notebook pages with geologic notes and sketches related to field investigation of the Table Top Mountain Wilderness Study Area, Arizona.. Station locations 20-133 (with omissions); sample numbers 1-17. 1986.
- Folder 3. Two boxes with a total of 18 microscopic thin section slides.
- Folder 4. Group of thin section description sheets for slides in Folder 3.

- Folder 5. Group of printouts with analytical data for geochemical samples from the Table Top Mountain Wilderness Study Area, Arizona.
- Folder 6. Group of 34 black and white aerial photographs, some with annotations, covering the Table Top Mountain Wilderness Study Area, Arizona. 1976.
- Folder 7. Group of 25 unannotated color aerial photographs covering the Table Top Mountain Wilderness Study Area, Arizona. 1978.

- MA-01726 Map folder with 11 items:
- Copy of the Vekol Mountains 15' quadrangle, Arizona, with geologic annotations by Jocelyn Peterson.
  - Two field maps showing study area station locations.
  - One copy, each, of the Antelope Peak, Indian Butte, Little Table Top, and Vekol Mts. NE 7.5' quadrangles, Arizona, showing station locations and geologic annotations.
  - One photocopy, each, of the Antelope Peak, Indian Butte, Little Table Top, and Vekol Mts. NE 7.5' quadrangles, Arizona, showing study area boundaries and other annotations.

Published as: U.S. Geological Survey. Miscellaneous field studies map MF-1951. 1987.

Published as: U.S. Geological Survey. Bulletin 1702-A. 1988.

**MINERAL RESOURCES STUDY OF THE TWELVE MILE CREEK  
WILDERNESS STUDY AREA, MALHEUR COUNTY, OREGON.  
1986-1987.**

- NO-08283 J.A. Peterson. Field notebook with geologic notes and sketches related to field investigation of the Twelve Mile Creek Wilderness Study Area, Oregon. Station numbers 1-277; sample numbers 86JP32-86JP85. Also included are notes on photos taken. 1986-1987.
- NO-08284 C. Harwood. Group of photocopies of field notebook pages with geologic notes and sketches related to field investigation of the Twelve Mile Creek Wilderness Study Area, Oregon. 86CH1-86CH9. 1986.
- NO-08285 S. Jones. Field notebook pages with geologic notes and sketches related to field investigation of the Twelve Mile Creek Wilderness Study Area, Oregon. Station numbers 1-29. 1987.
- NO-08286 Envelope with five color infrared aerial photographs with annotations. 1983.
- MA-01731 Map folder with six field maps for the Twelve Mile Creek Wilderness Study area, with annotations.

MA-01732 Map folder with a total of eight items, including two copies, each, of the Doolittle Creek, Dry Creek Bench, Oregon Canyon Ranch, and Payne Creek 7.5' quadrangles, Oregon. One set of maps indicates station locations; the other shows sample locations.

Published as: U.S. Geological Survey. Bulletin 1742-B. 1988.

Published as: U.S. Geological Survey. Miscellaneous field studies map MF-1940. 1987.

### **MINERAL RESOURCES STUDY OF THE RAGGED TOP WILDERNESS STUDY AREA, PIMA COUNTY, ARIZONA. 1987.**

NO-08256 J.A. Peterson. Field notebook pages with geologic notes and sketches related to field investigation of the Ragged Top Wilderness Study Area, Arizona. Station locations 1-18; sample number 87JP44. 1987.

MA-01723 Map folder with 11 items:

- Field map showing study area station locations.
- Two copies of the Tucson Mountains 2 NW and one copy of the Silver Bell 1 NE 7.5' quadrangles, Arizona, showing study area boundaries.
- Seven aerial photographs of the study area, some with annotations. 1958.

Published as: U.S. Geological Survey. Bulletin 1702-H. 1989.

### **MINERAL RESOURCES STUDY OF THE WOOLSEY PEAK WILDERNESS STUDY AREA, MARICOPA COUNTY, ARIZONA. 1987.**

NO-08258 Expandable envelope with three folders:

- Folder 1. J.A. Peterson. Field notebook pages with geologic notes and sketches related to field investigation of the Woolsey Peak Wilderness Study Area, Arizona. Station locations 1-219; samples 87JP1 through 87JP43. Also included are notes on photos taken. 1987.
- Folder 2. S.L. Jones. Field notebook pages with geologic notes and sketches related to field investigation of the Woolsey Peak Wilderness Study Area, Arizona. Station locations 1-157; samples 87SJ1 through 87SJ44. 1987.
- Folder 3. Group of rock description sheets for samples taken in the Woolsey Peak Wilderness Study Area, Arizona.

MA-01725 Map folder with five items:

- Two field maps of the study area, showing boundaries and station locations.
- Two copies, each, of the Dedoro Valley and Woolsey Peak 15' quadrangles, California, showing station locations and sample number localities.

Published as: U.S. Geological Survey. Miscellaneous field studies map MF-2044. 1989.

Published as: U.S. Geological Survey. Bulletin 1702-F. 1989.

**MINERAL RESOURCES STUDY OF THE GIBRALTAR MOUNTAIN  
AND PLANET PEAK WILDERNESS STUDY AREAS, LA PAZ COUNTY,  
ARIZONA. 1988.**

- NO-08255 Expandable envelope with two folders:
- Folder 1. J.A. Peterson. Field notebook pages with geologic notes and sketches related to field investigation of the Gibraltar Mountain and Planet Peak Wilderness Study Areas, Arizona. Station locations 1-50; samples 88JP1 through 88JP9. The notes mention these mines: Mammon, New Standard, Cold Lodge, Pride. 1988.
  - Folder 2. Group of 46 unannotated color aerial photographs of the Gibraltar Mountain and Planet Peak Wilderness Study Areas, Arizona. 1979-1980.

- MA-01722 Map folder with 10 items:
- Nine maps showing official boundary designations for the Gibraltar Mountain (five sheets) and Planet Peak (four sheets) Wilderness Study Areas.
  - Field map showing study area boundaries and station locations.

Published as: U.S. Geological Survey. Bulletin 1704-B. 1990.

**PLATINUM RESOURCES, UPPER PENINSULA, MICHIGAN. 1989.**

- NO-08253 J.A. Peterson. Field notebook pages with geologic notes and sketches related to field investigation of platinum resources in basaltic copper and red bed copper deposits in Michigan's Upper Peninsula. The notes include mention of the Delaware Copper, Arcadian, and White Pine Mines 1989..

Published as: U.S. Geological Survey. Bulletin 2049-A. 1994.

**GEOLOGY OF THE BLACK BUTTE DISTRICT AND HOLDERMAN  
MOUNTAIN AREA, LANE COUNTY, OREGON. 1992-1994.**

- NO-11813 J.A. Peterson. Field notebook with geologic notes and sketches related to field investigation of the Black Butte District and Holderman Mountain area, Lane County, Oregon. 1992.
- NO-11814 J.A. Peterson. Field notebook with geologic notes and sketches related to field investigation of the Black Butte District and Holderman Mountain area, Lane County, Oregon. 1992-1993.

- NO-11815 J.A. Peterson. Field notebook with geologic notes and sketches related to field investigation of the Black Butte District and Holderman Mountain area, Lane County, Oregon. 1993.
- NO-11816 J.A. Peterson. Field notebook with geologic notes and sketches related to field investigation of the Black Butte District and Holderman Mountain area, Lane County, Oregon. 1993-1994.
- NO-11817 J.A. Peterson. Field notebook with geologic notes and sketches related to field investigation of the Black Butte District and Holderman Mountain area, Lane County, Oregon. 1994.
- NO-11818 Expandable envelope with three folders:
- Folder 1. Group of thin section descriptions and data sheets for samples taken in 1992 in the Hobart Butte, Black Butte, and Holderman Mountain areas.
  - Folder 2. Group of x-ray analysis printouts for samples taken in 1992 in the Hobart Butte, Black Butte, and Holderman Mountain areas.
  - Folder 3. Group of geochemical analysis result printouts. 1993-1994.
- MA-03037 Map folder with 14 items:
- Nine copies of the Silica Mountain 7.5' quadrangle, Oregon, with annotations.
  - One copy, each of the Burnt Mountain, Culp Creek, Fairview Peak, and Scaredman Creek 7.5' quadrangles, Oregon, with geologic annotations.
  - Sheet with explanation for annotations on 7.5' quadrangles.
- MA-03038 Map folder with four copies of the Harness Mountain 7.5' quadrangle, Oregon, with geologic annotations.

Published as: U.S. Geological Survey. Open-file report 94-666. 1994.