Listing of U.S. Bureau of Mines
Mineral Land Assessments in Arizona
Circular Number 119, December 2006

The following list contains all the Mineral Land Assessment (MLA) Open File Reports the U.S. Bureau of Mines conducted in Arizona. They fall into two groups: the early reports were done to assess mineral resources within and near U.S. Forest Service RARE II and BLM Wilderness Study areas; the later were part of a systematic assessment of the mineral resources within U.S. Forest Service lands in Arizona.

Data reported for the thousands of mines and prospects examined includes: property summaries, geologic setting, surveys of underground and/or surface workings, geologic maps, sample location information with associated mineralogical descriptions and resulting (often multi-element) assay results. Resource estimates and economic evaluations were made for selected properties.

Also included are reports assigned series numbers "93-X_ _ by the Arizona Department of Mines and Mineral Resources. These are the Abandoned Mine Land Inventory and Hazard Evaluation Handbook and Potential Environmental Hazards on Inactive/Abandoned Mine Lands of the Coronado National Forest volumes.

The U.S. Bureau of Mines was closed before completion of the assessment of the Tonto and Apache Sitgreaves National Forests. Only priority areas of the Prescott area were appraised.

The reports are available to read at the Department or can be downloaded from the Department's website in Adobe PDF format.

An index map to MLA locations is on page 7.

- MLA 1-83 (1.6 MB)
- MLA 1-89 (4 MB)
- MLA 1-94 (9.6 MB)
- MLA 2-86 (3 MB)
- MLA 2-89 (3.8 MB)
- MLA 2-94 (6 MB)


Mineral investigation of the Pigeon Canyon, Snap Point, Nevershine Mesa, and Last Chance Wilderness Study Areas (BLM), Mohave County, Arizona: M. E. Lane, 1984.


Mineral Investigation of a Part of the Planet Peak Wilderness Study Area (AZ-050-013), La Paz County, Arizona: Terry J. Kreidler, 1989.


Mineral Resources of a Part of the Kofa Unit 4 Northern Addition Wilderness Study Area (AZ-050-033), Yuma County, Arizona: Diann D. Gese, 1989.


• MLA 25-94 (14.9 MB)
• MLA 26-93 (3.2 MB)
• MLA 27-84 (3.3 MB)
• MLA 29-88 (2.2 MB)
• MLA 30-82 (.78 MB)
  Mineral Resources of the Emmett Wash Wilderness Study Area, Coconino County, Arizona: M. E. Lane, 1982.
• MLA 30-93 (18.5 MB)
• MLA 31-81 (3.7 MB)
• MLA 31-84 (.85 MB)
• MLA 34-85 (11.8 MB)
• MLA 34-87 (2.2 MB)
• MLA 35-82 (3 MB)
• MLA 35-88 (2.2 MB)
• MLA 37-84 (1 MB)
• MLA 38-88 (4.2 MB)
• MLA 39-88 (1.8 MB)
  Mineral Resources of the Aubrey Peak Wilderness Study Area (AZ-020-054), Mohave County, Arizona: Michael E. Lane, 1988.
• MLA 43-85 (6.2 MB)
• MLA 43-86 (1.6 MB)
  Mineral Investigation of a Part of the Canaan Mountain Wilderness Study Area, Kane and Washington Counties, Utah (UT-040-143) and Mohave County, Arizona (AZ-010-041) Terry J. Kreidler, 1986.

Mineral Resources of the Big Horn Mountains Wilderness Study Area (AZ-020-099), Maricopa County, Arizona: Russell A. Schreiner, 1985.

Mineral Investigation of a Part of the Eagletail Mountains Wilderness Study Area (AZ-020-128), La Paz, Maricopa, and Yuma Counties, Arizona: Michael E. Lane, 1986.

Mineral Investigation of a Part of the Woolsey Peak Wilderness Study Area (AZ-020-142/144), Maricopa County, Arizona: John R. McDonnell, Jr., 1986.


Mineral Investigation of a Part of the Table Top Mountains Wilderness Study Area (AZ-020-172), Pinal and Maricopa Counties, Arizona: John R. Mcdonnell, Jr., 1986.


Mineral Investigation of a Part of the New Water Mountains Wilderness Study Area (AZ-020-125), La Paz County, Arizona: Michael E. Lane, 1986.


Mineral-resource potential of the Paria Plateau Wilderness Study Area, Coconino County, Arizona: Michael E. Lane, 1982.

Mineral Investigation of a Part of the Cactus Plain Wilderness Study Area (AZ-050-014A/B), La Paz County, Arizona: Terry J. Kreidler, 1986.


• MLA 93-X 01 (8.9 MB)
  Abandoned Mine Land Inventory and Hazard Evaluation Handbook: Staff, U.S.
• MLA 93-X 02 (1.4 MB)
  Potential Environmental Hazards on Inactive/Abandoned Mine Lands, Coronado
• MLA 93-XE1.2 (16.9 MB)
  Appendix E, vol. 1 of 2, to supplement Potential Environmental Hazards on
  Inactive/Abandoned Mine Lands, Coronado National Forest, Southeast Arizona:
• MLA 93-XE2.2 (24.7 MB)
  Appendix E, vol. 2 of 2, to supplement Potential Environmental Hazards on
  Inactive/Abandoned Mine Lands, Coronado National Forest, Southeast Arizona:
• MLA 118-82 (.8 MB)
  Mineral Investigation of the Pusch Ridge Wilderness, Pima County, Arizona: G. S.
  Ryan, 1982.
• MLA 129-82 (2.3 MB)
  Mineral investigation of the Whetstone Roadless Area, Cochise and Pima
• MLA 133-82 (.3 MB)
  Mineral investigation of the Rattlesnake Roadless Area, Coconino and Yavapai
• MLA 134-82 (.2 MB)
  Mineral Investigation of the Wet Beaver Creek Rare II Further Planning Area,
• MLA 136-82 (5.8 MB)
  Mineral Investigation of the Superstition Wilderness and Contiguous Rare II
  Further Planning Areas, Gila, Maricopa, and Pinal Counties, Arizona: J. E. Jinks,
  1982.
• MLA 137-82 (3.1 MB)
  Mineral Investigation of the Hells Hole Roadless Area, Greenlee County and Grant
• MLA 139-82 (2.7 MB)
  Mineral Investigation of the Hells Gate Roadless Area, Gila County, Arizona: R. A.
  McColly, 1982.
Index locations by ADMMR for USBM Mineral Land Assessment (MLA) Open File Reports, 2006. Listed by number-year.

October 16, 2006
Cartography by Steven A. Eastman
Arizona Department of Mines and Mineral Resources
Map Projection: State Plane NAD 1983 Arizona Central Zone
Scale: 1:5,000,000 One inch = approximately 80 miles