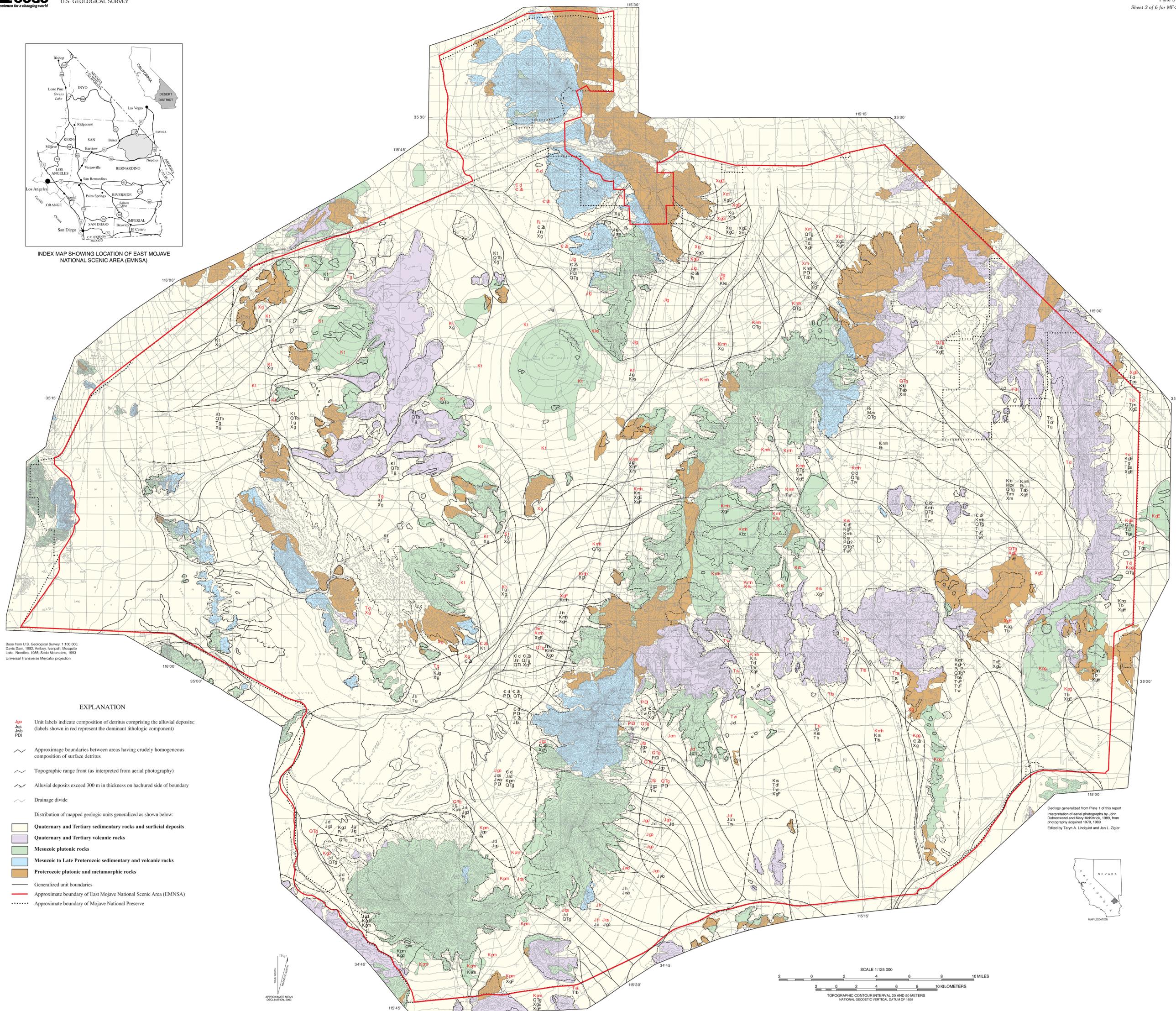


INDEX MAP SHOWING LOCATION OF EAST MOJAVE NATIONAL SCENIC AREA (EMNSA)



Base from U.S. Geological Survey, 1:100,000, Davis Dam, 1982; Anthony, Inverpugh, Mesquite Lake, Needles, 1985; Soda Mountains, 1993. Universal Transverse Mercator projection.

EXPLANATION

- Unit labels indicate composition of detritus comprising the alluvial deposits: (labels shown in red represent the dominant lithologic component)
- Approximate boundaries between areas having crudely homogeneous composition of surface detritus
- Topographic range front (as interpreted from aerial photography)
- Alluvial deposits exceed 300 m in thickness on hachured side of boundary
- Drainage divide
- Distribution of mapped geologic units generalized as shown below:
  - Quaternary and Tertiary sedimentary rocks and surficial deposits
  - Quaternary and Tertiary volcanic rocks
  - Mesozoic plutonic rocks
  - Mesozoic to Late Proterozoic sedimentary and volcanic rocks
  - Proterozoic plutonic and metamorphic rocks
- Generalized unit boundaries
- EMNSA boundary
- Approximate boundary of Mojave National Preserve

Geology generalized from Plate 1 of this report. Interpretation of aerial photographs by John Dohrenwend and Mary McKittrick, 1989, from photography acquired 1970, 1980. Edited by Taryn A. Lindquist and Jan L. Ziegler.



ESTIMATED EXTENT OF PEDIMENTS AND ADJACENT AREAS OF THIN ALLUVIAL COVER, INCLUDING GENERALIZED LITHOLOGIC CONTENT OF PIEDMONT DEPOSITS AND INFERRED THICKNESS OF CENOZOIC COVER IN THE EAST MOJAVE NATIONAL SCENIC AREA, CALIFORNIA

By J.C. Dohrenwend and M.A. McKittrick 2003

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