

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BIBLIOGRAPHY OF REPORTS BY U.S. GEOLOGICAL SURVEY PERSONNEL
ON STUDIES AT THE NEVADA TEST SITE AND
THE WASTE ISOLATION PILOT PLANT SITE, NEW MEXICO,
JANUARY 1, 1985, TO DECEMBER 31, 1985

By

V. M. Glanzman

Open-File Report 86-558

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Reports listed in this bibliography include information on underground nuclear testing and waste management projects at the NTS (Nevada Test Site) (figs. 1 and 2) and radioactive waste projects at the WIPP (Waste Isolation Pilot Plant) site, New Mexico (fig. 3).

The bibliography is divided into three categories: (1) reports regarding underground nuclear testing, (2) waste management projects at the NTS, and (3) waste management studies at the WIPP site. Reports are listed in each category by publication outlet. The USGS-474 series reports pertain to underground nuclear testing studies and are cross referenced to administrative (or in-house) series (for example, USGS-474-319 is cross referenced as NTS-265). The administrative series are used to break down the USGS-474 series for more specific area identification. A list of cross references is shown on page 6.

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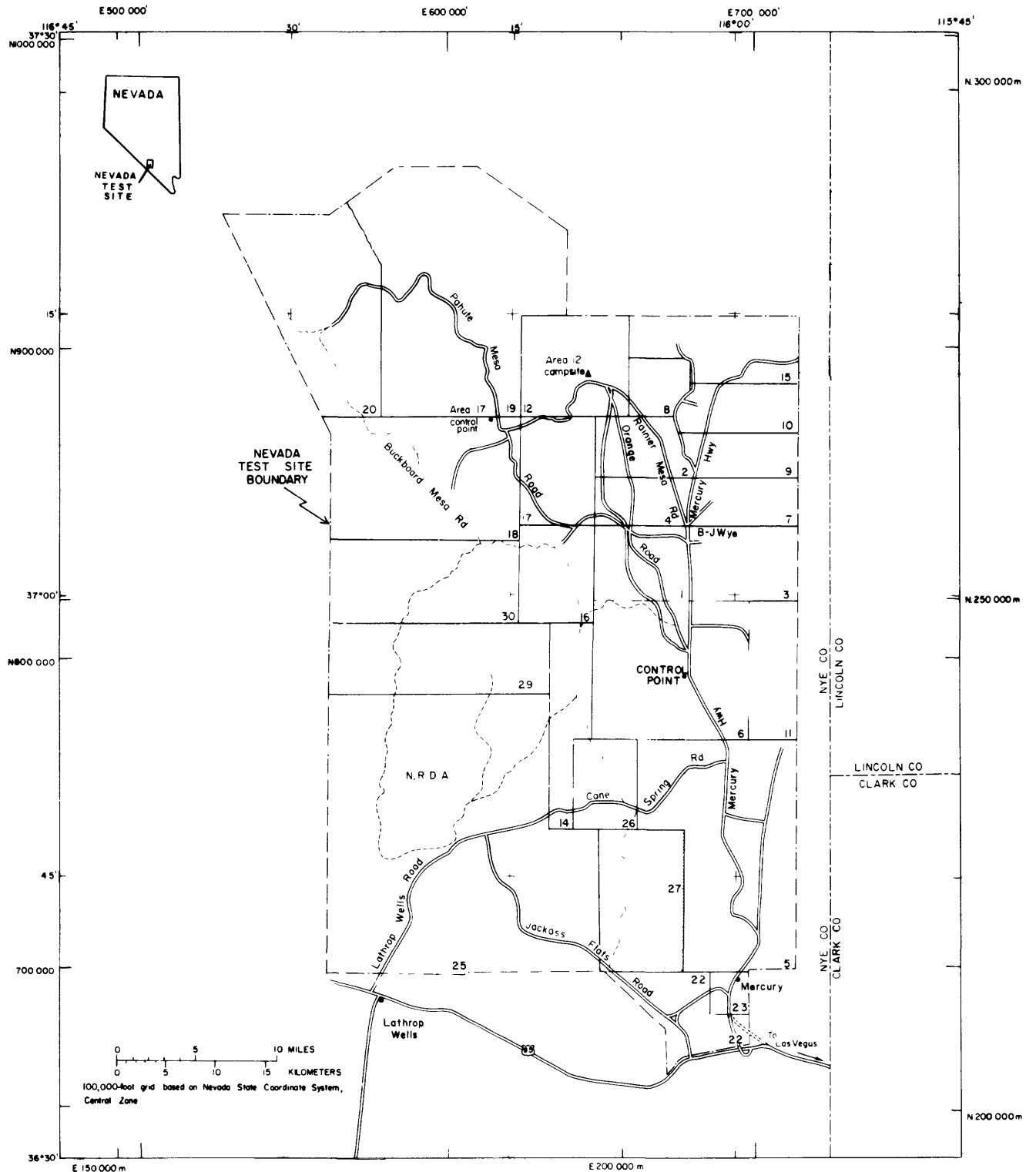


Figure 1.--Index map showing location of Nevada Test Site and outlines of numbered test areas on the test site.

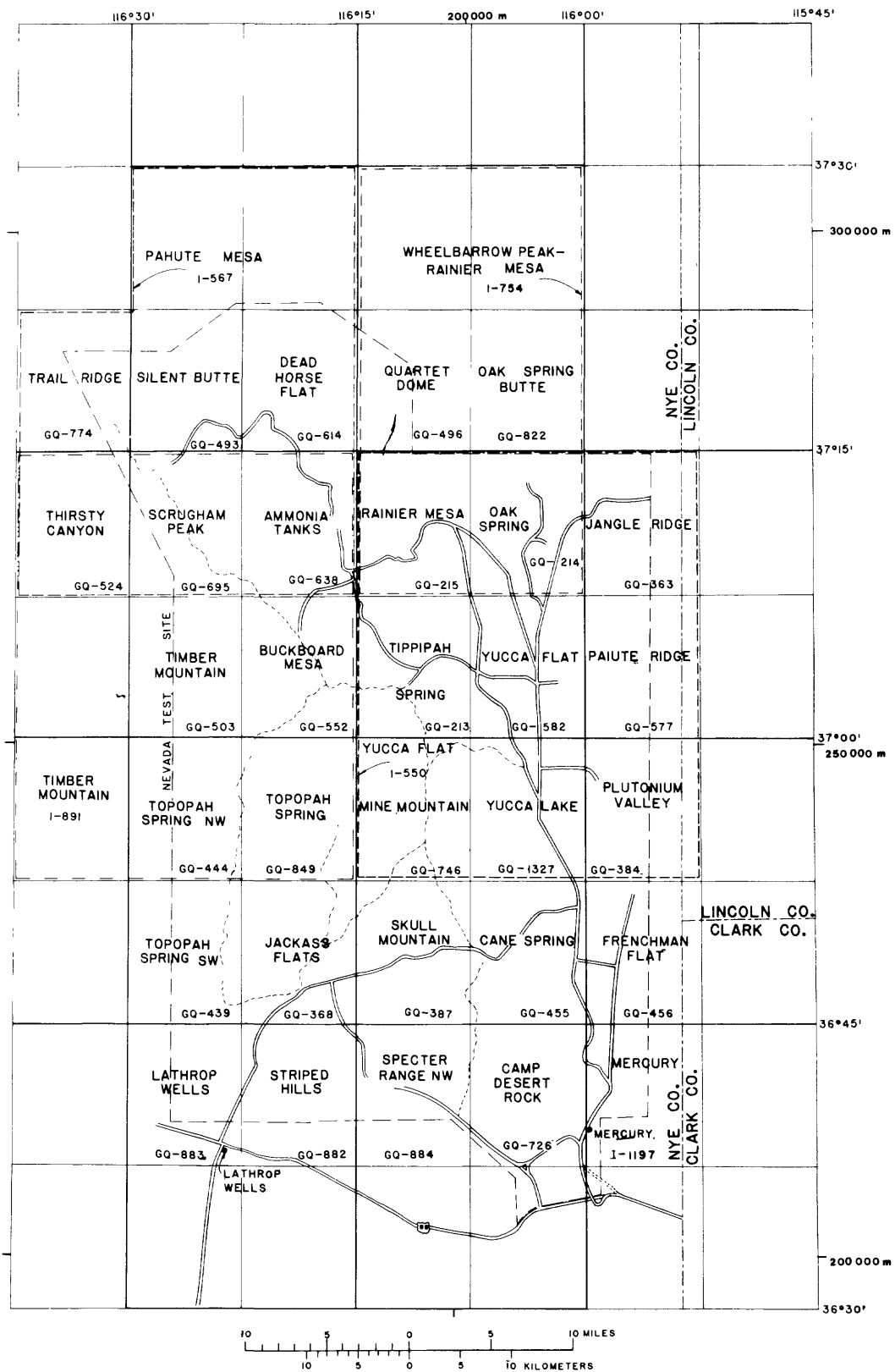


Figure 2.--Index map of Nevada Test Site showing outlines of geologic maps.

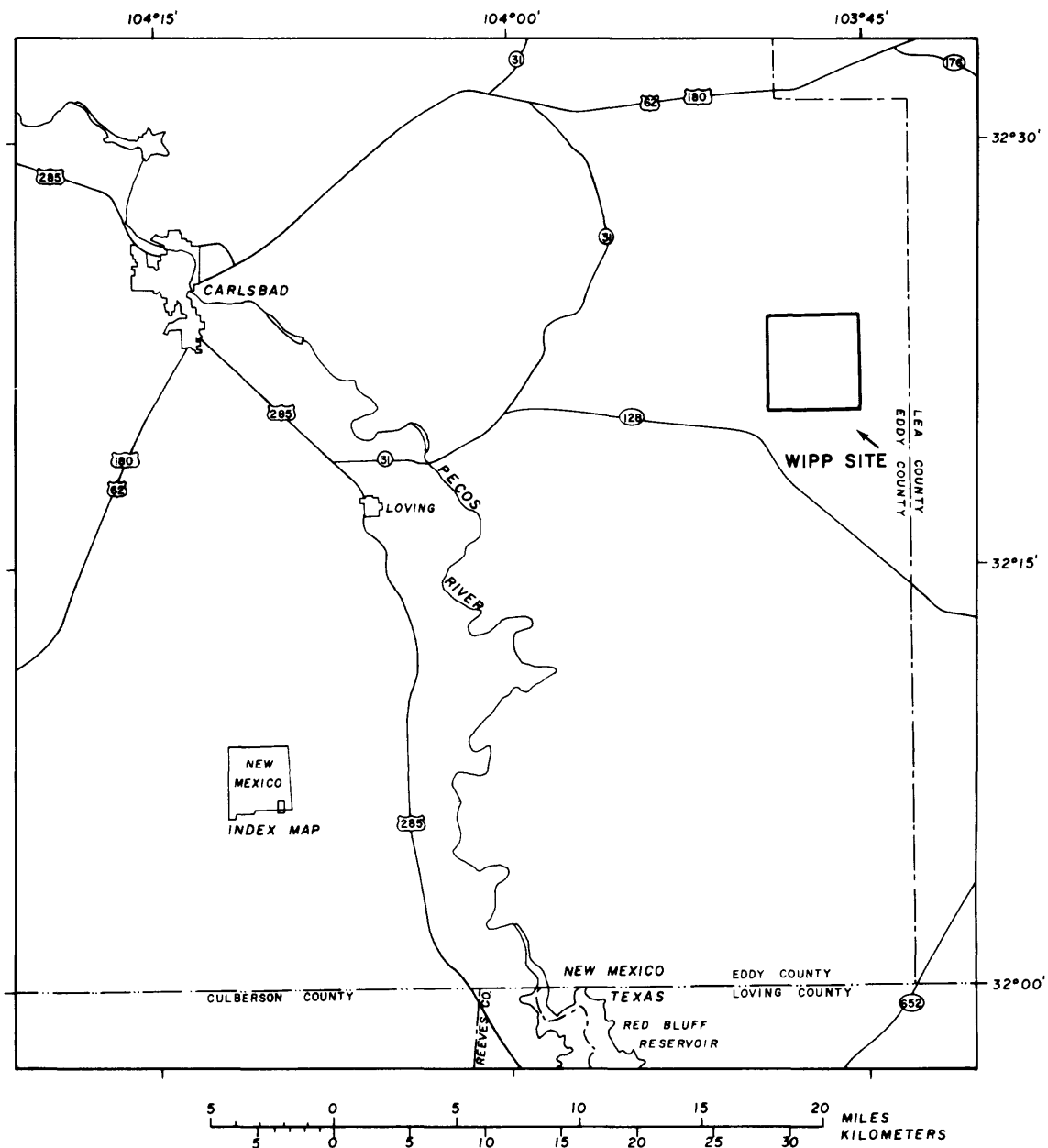


Figure 3.--Map showing location of the WIPP project site, New Mexico.

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USGS-474-Series

USGS-474-
-319

Lithologic logs of selected exploratory and emplacement drill holes in Areas 9 and 10, Nevada Test Site, by W. D. Quinlivan, Joseph A. Sharps, Jane P. Ohl, and Paul D. Blackmon, 66 p.

Administrative Series Cross Reference (474 Series)

NTS-265

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84-834

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85-363

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85-530

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712-F

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- 84-142 Hydrologic and drill-hole data for test wells UE-29a#1 and UE-29a#2, Fortymile Canyon, Nevada Test Site, by R. K. Waddell, 25 p., 1985.
- 85-36 Comparison of survey and photogrammetry methods to position gravity data, Yucca Mountain, Nevada, by D. A. Ponce, S. S. C. Wu, and J. B. Spielman, 11 p., 1985.
- 85-47 Uranium-series dating of secondary carbonate and silica precipitates relating to fault movements in the Nevada Test Site region, by Barney J. Szabo and Peg A. O'Malley, 12 p., 1985.
- 85-48 Paleomagnetic orientation of core from drill hole USW GU-3, Yucca Mountain, Nevada: Tiva Canyon Member of the Paintbrush Tuff, by J. G. Rosenbaum and W. C. Rivers, 116 p., 1985.
- 85-49 Preliminary interpretation of paleomagnetic and magnetic property data from drill holes USW G-1, G-2, GU-3, G-3, and VH-1 and surface localities in the vicinity of Yucca Mountain, Nye County, Nevada, by J. G. Rosenbaum and D. B. Snyder, 73 p., 1985.
- 85-224 Uranium, thorium isotopic analyses and uranium-series ages of calcite and opal, and stable isotopic compositions of calcite from drill cores UE-25a-1, USW G-2, and USW G-3/GU-3, Yucca Mountain, Nevada, by B. J. Szabo and T. K. Kyser, 25 p., 1985.
- 85-233A,B POLYGON--An interactive program for constructing and editing the geometries of polygons using a color graphics terminal, by Bruce A. Chuchel, 129 p., 1985.
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- 85-484 Chemical composition of ground water in the Yucca Mountain area, Nevada, 1971-84, by L. V. Benson and P. W. McKinley, 10 p., 1985.
- 85-540 Uranium-trend dating of Quaternary deposits in the Nevada Test Site area, Nevada and California, by J. N. Rosholt, C. A. Bush, W. J. Carr, D. L. Hoover, W C Swadley, and J. R. Dooley, Jr., 72 p., 1985.

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- 85-620 Topographic maps of Yucca Mountain area, Nye County, Nevada, by Sherman S. C. Wu, 6 sheets, scale 1:5,000., 1985.

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- 85-4030 Geohydrology of test well USW H-4, Yucca Mountain, Nye County, Nevada, by M. S. Whitfield, Jr., E. P. Eshom, William Thordarson, and D. H. Schaefer, 33 p., 1985.
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- 85-229 Dissolution of halite and gypsum, and hydration of anhydrite to gypsum, Rustler Formation, in the vicinity of the Waste Isolation Pilot Plant, southeastern New Mexico, by R. P. Snyder, 11 p., 1985.

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PP U.S. Geological Survey Professional Paper
USGS-474 U.S. Geological Survey USGS-474-series report
USGS I- U.S. Geological Survey Miscellaneous Investigations series map
WRIR U.S. Geological Survey Water-Resources Investigations Report

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