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DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BIBLIOGRAPHY OF REPORTS BY U.S. GEOLOGICAL SURVEY PERSONNEL
ON STUDIES OF UNDERGROUND NUCLEAR TEST SITES AND ON WASTE MANAGEMENT STUDIES
AT THE NEVADA TEST SITE AND THE WASTE ISOLATION PILOT PLANT SITE, NEW MEXICO,
JANUARY 1 TO DECEMBER 31, 1982

Open-File Report 84-23

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Denver, Colorado
1984

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V. M. Glanzman

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This bibliography lists reports by personnel of the U.S. Geological Survey released to the public between January 1 and December 31, 1982. Reports 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-474-314 is cross referenced as NTS-50). 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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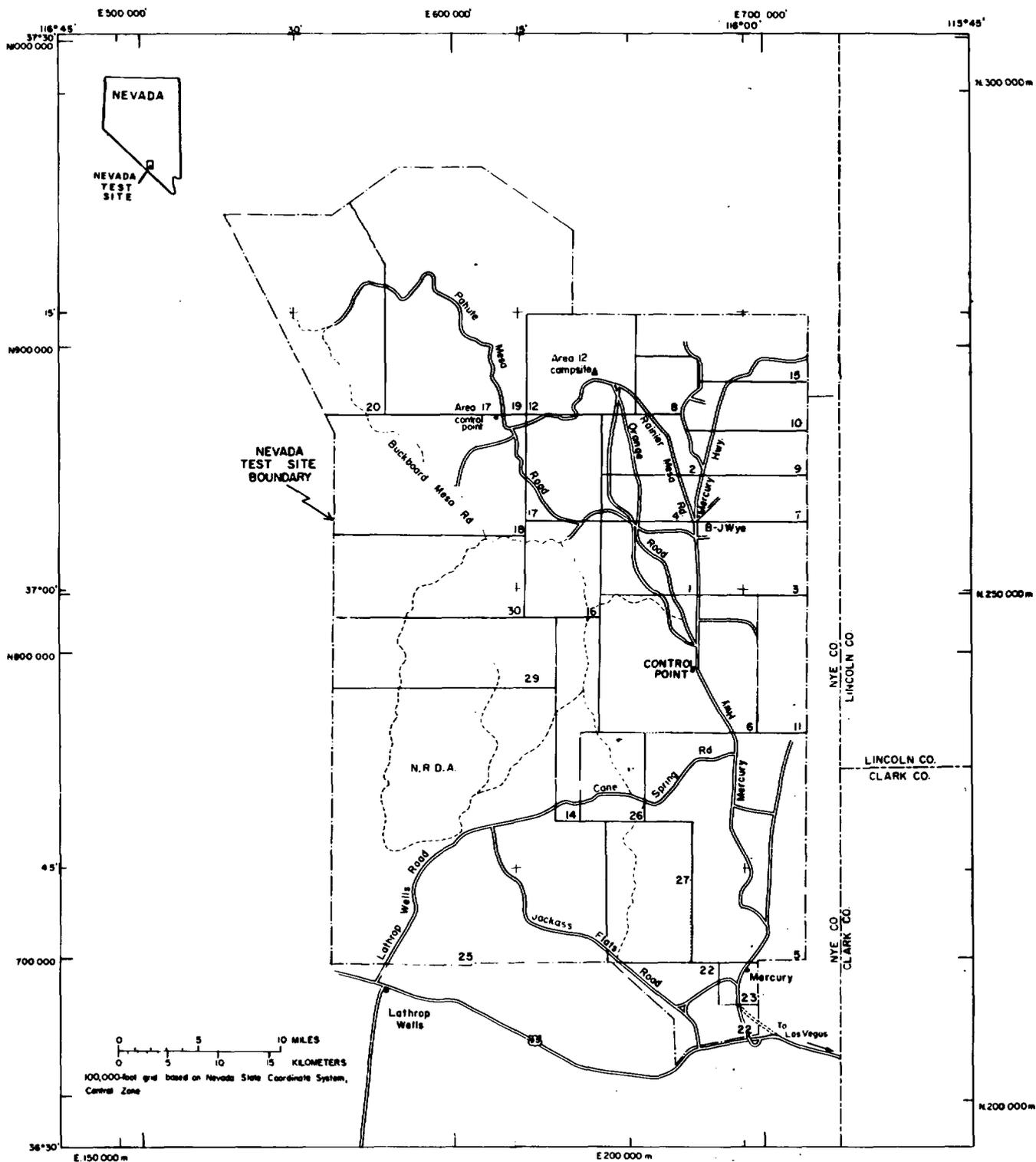


Figure 1.--Index map showing location of Nevada Test Site and outlines of numbered test areas on the test site.

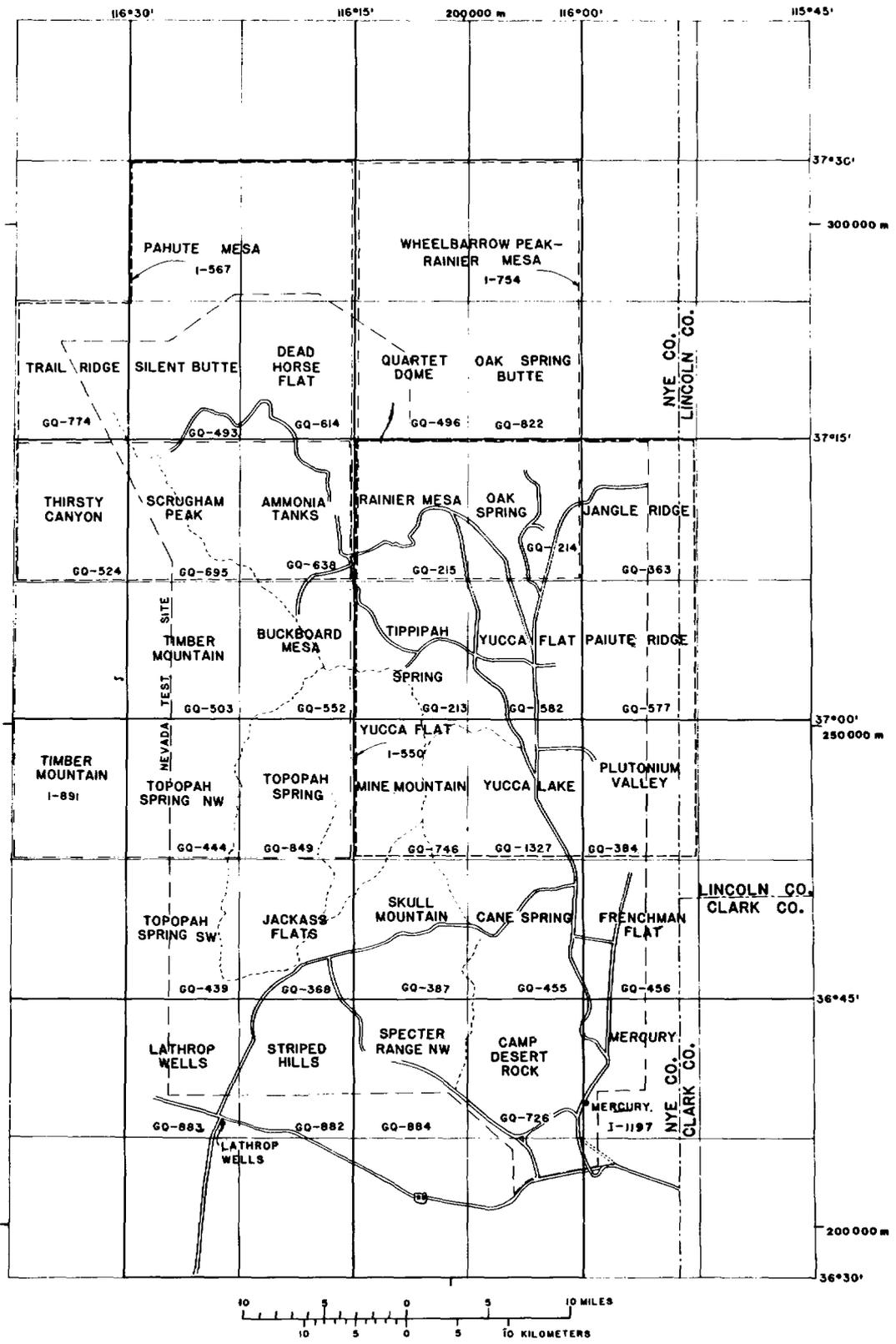


Figure 2.--Index map of Nevada Test Site showing outlines of geologic maps.

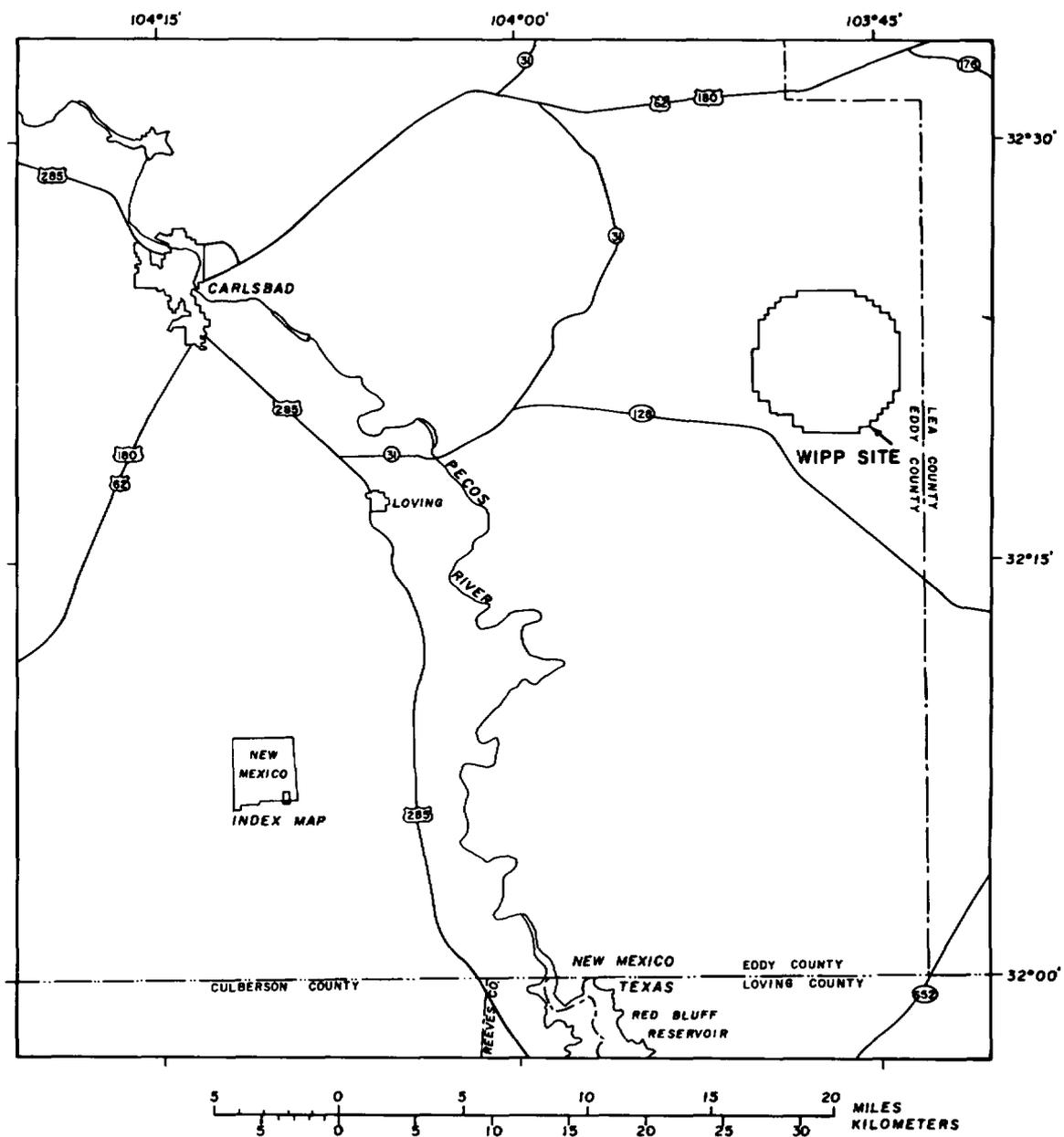


Figure 3.--Map showing location of the WIPP project site.

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USGS-474-Series

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- 314 Summary of hydraulic data and abridged lithologic log of ground-water test well 6 (J-13), Jackass Flats, Nevada Test Site, Nye County, Nevada, by A. C. Doyle and G. L. Meyer, 11 p. [1963].

USGS Open-File Reports

- 82-137 Geologic, geophysical, and in situ stress investigations in the vicinity of the Dining Car chimney, Dining Car/Hybla Gold drifts, Nevada Test Site, by U.S. Geological Survey, with a section on Geologic investigations by D. R. Townsend and M. J. Baldwin, a section on Geophysical investigations by R. D. Carroll, and a section on In situ stress investigations by W. L. Ellis and J. E. Magner, 121 p.
- 82-458 Determination of the in situ state of stress at the Spent Fuel Test--Climax site, Climax stock, Nevada Test Site, by W. L. Ellis and J. E. Magner, 54 p.

USGS Map Series

- I-1197 Geologic and tectonic maps of the Mercury quadrangle, Nye and Clark Counties, Nevada, by Harley Barnes, E. B. Ekren, C. L. Rogers, and D. C. Hedlund, scale 1:24,000.

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- 82-182 Interpretation of resistivity and induced polarization profiles with severe topographic effects, Yucca Mountain area, Nevada Test Site, Nevada, by Christian Smith and H. P. Ross, with an Introduction by D. B. Hoover, 82 p.
- 82-401 Magnetometric resistivity survey near Fortymile Wash, Nevada Test Site, Nevada, by D. V. Fitterman, 27 p.
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- 82-466 Electrical studies at the proposed Wahmonie and Calico Hills nuclear waste sites, Nevada Test Site, Nye County, Nevada, by D. B. Hoover, M. Chornack, K. Nervick, and M. Broker, 91 p.
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- 82-1042 E-field ratio telluric traverses near Fortymile Wash, Nevada Test Site, Nevada, by D. B. Hoover, M. P. Chornack, and M. M. Broker, 14 p.
- 82-1043 Resistivity sounding investigations by the Schlumberger method in the Yucca Mountain/Jackass Flats area, Nevada Test Site, Nevada, by R. M. Senterfit, D. B. Hoover, and M. Chornack, 38 p.
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- 82-4085 Two-dimensional, steady-state model of ground-water flow, Nevada Test Site and vicinity, Nevada-California, by R. K. Waddell, 72 p.

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(U.S. DEPARTMENT OF ENERGY INTERAGENCY AGREEMENT EY-76-A-04-3627)**

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- 82-421 Geochemical analysis of mine seep oils, collapsed breccia pipe oil shows, and selected crude oils, Eddy County, New Mexico, by J. G. Palacas, R. P. Snyder, J. P. Baysinger, and C. N. Threlkeld, 40 p.
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