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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

BIBLIOGRAPHY OF REPORTS BY U.S. GEOLOGICAL SURVEY  
PERSONNEL ON STUDIES AT THE NEVADA TEST SITE,  
RELEASED BETWEEN JANUARY 1 AND DECEMBER 31, 1986

By

V.M. Glanzman

Open-File Report 88-366

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Reports listed in this bibliography include information on underground nuclear testing and waste management projects at the Nevada Test Site (NTS) (figs. 1 and 2). The bibliography is divided into two categories: (1) reports regarding underground nuclear testing, and (2) waste management studies for the Nevada Nuclear Waste Storage Investigations Project (NNWSI). Reports are listed in each category by publication outlet and number. The USGS-474- series reports pertain to underground nuclear testing studies, and are cross referenced to administrative (or in-house) series (for example, USGS-474-321 is cross referenced as Area 12-51). The administrative series numbers are used to break down the USGS-474- series for more specific area identification. A list of cross references is shown on page 4.

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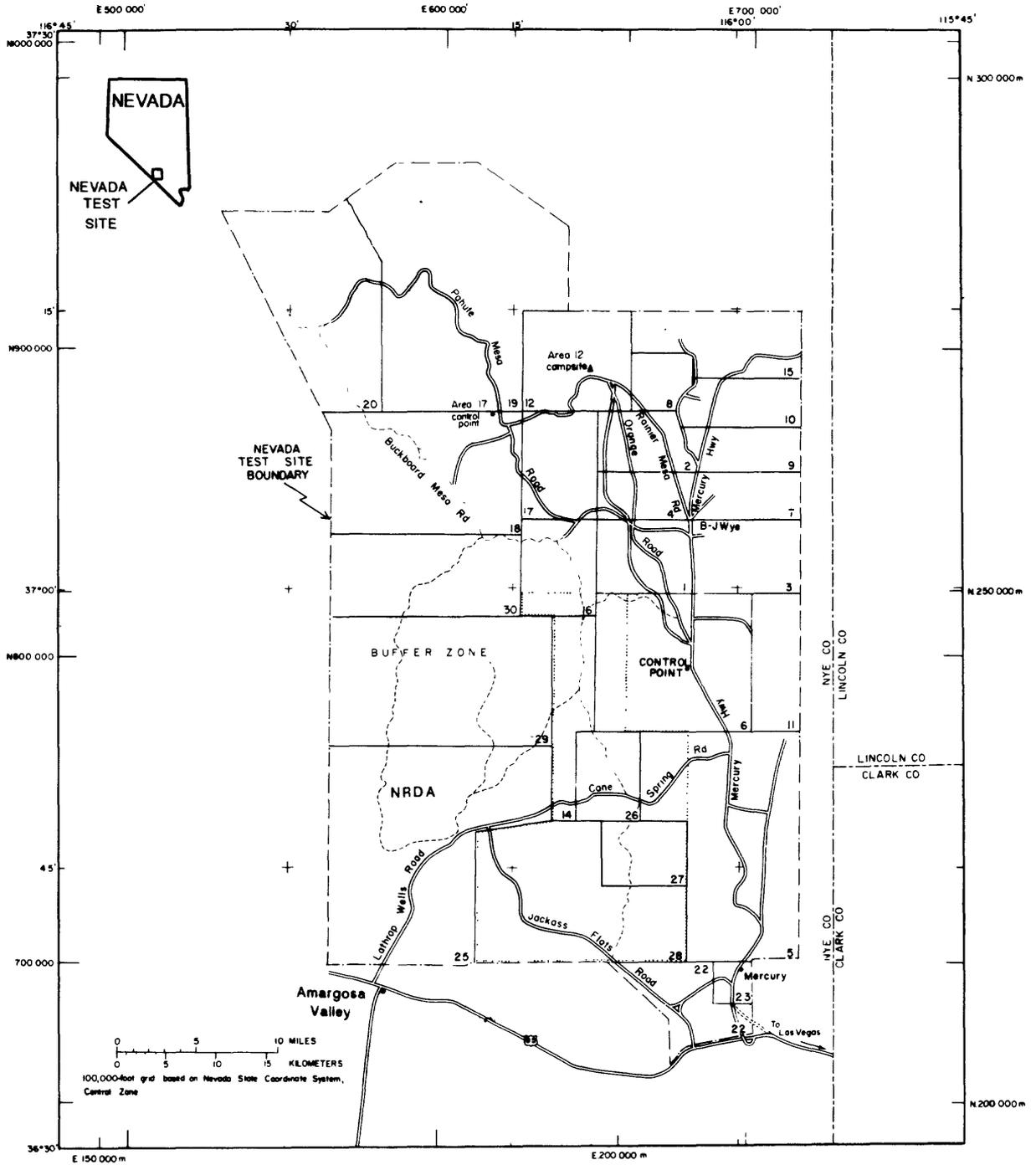


Figure 1.--Index map showing location of Nevada Test Site and outlines of numbered test areas on the test site.

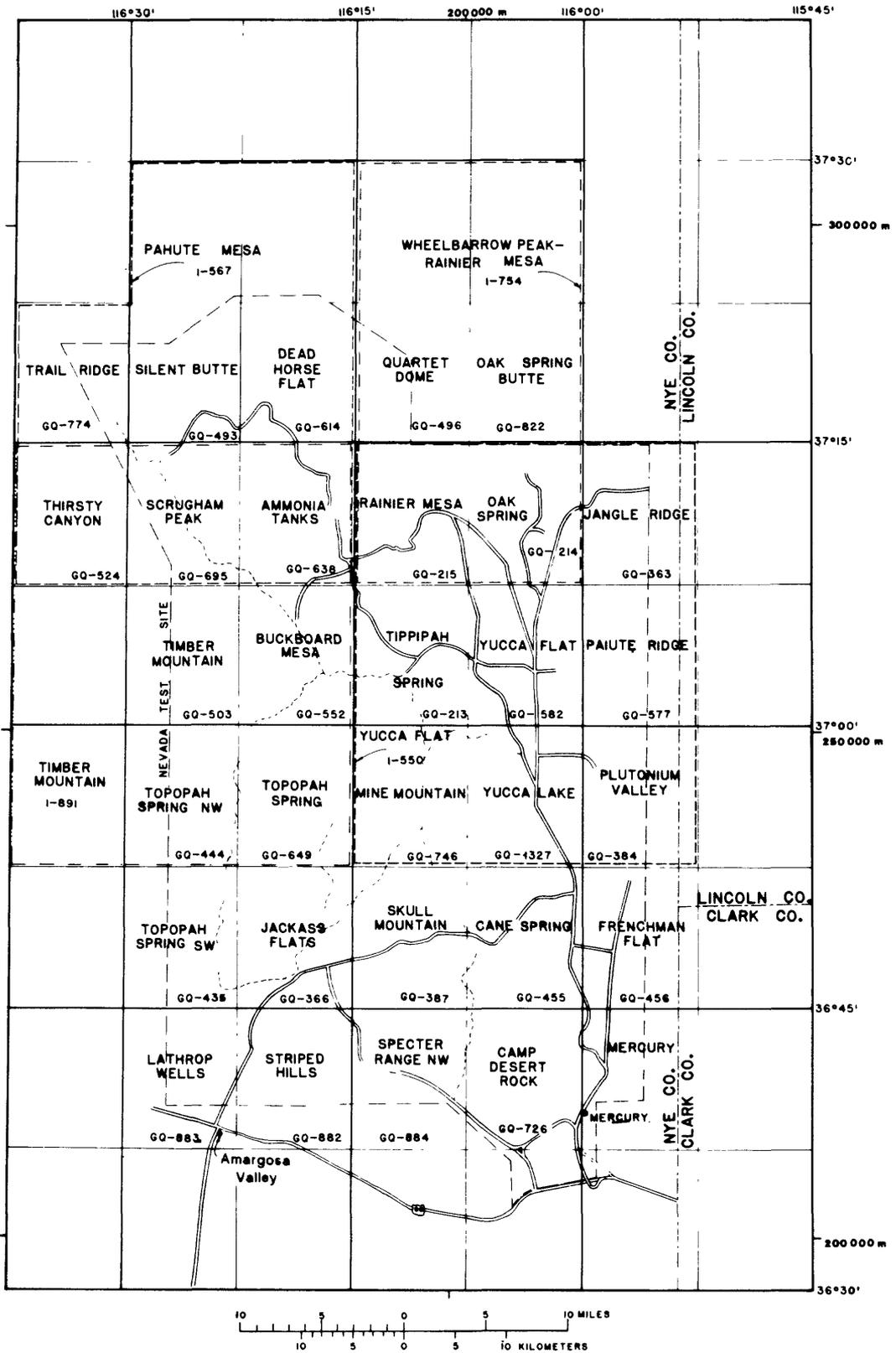


Figure 2.--Index map of Nevada Test Site showing outlines of geologic maps.

**STUDIES AT UNDERGROUND NUCLEAR TEST SITES  
(U.S. DEPARTMENT OF ENERGY INTERAGENCY AGREEMENTS  
DE-AI08-76DP00474 and DE-AI08-86NV10583)**

**USGS-474-Series**

USGS-474-

- 321 Shear-wave velocity measurements in volcanic tuff in Rainier Mesa tunnels, Nevada Test Site, Nevada, by R.D. Carroll, 24 p., 1986.

**Administrative Series Cross Reference (474 series)**

Area 12-51 USGS-474-321

**USGS Open-File Report**

- 86-98 Postshot seismic investigations in the vicinity of the Midas Myth event, U12t.04 drift, Nevada Test Site, Nevada, by R.D. Carroll and J.E. Magner, 42 p., 1986.
- 86-211 Gravity interpretation of Frenchman Flat and vicinity, Nevada Test Site, by C.H. Miller and D.L. Healey, 36 p., 1986.
- 86-558 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, 16 p., 1986.

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DE-AI08-78ET44802)**

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- 86-46      Preliminary analysis of geophysical logs from the WT series of drill holes, Yucca Mountain, Nye County, Nevada, by D.C. Muller and J.E. Kibler, 30 p., 1986.
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- 86-420      Analysis of earthquake data recorded by digital field seismic systems, Jackass Flats, Nevada, by A.C. Tarr and A.M. Rogers, 67 p., 1986.
- 86-576      Preliminary study of Quaternary faulting on the east side of Bare Mountain, Nye County, Nevada, by M.C. Reheis, 14 p., 1986.

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- 86-4015      Geohydrology of rocks penetrated by test well USW-H4, Yucca Mountain, Nye County, Nevada, by D.H. Lobmeyer, 38 p., 1986.
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PP U.S. Geological Survey Professional Paper  
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