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, 1981

By

V. M. Glanzman

OPEN FILE REPORT 83-498

1983
This bibliography lists reports by personnel of the U.S. Geological Survey released to the public between January 1, 1981, and December 31, 1981. Reports include information on underground nuclear testing and waste management projects at the NTS (Nevada Test Site) and radioactive waste projects at the WIPP (Waste Isolation Pilot Plant) site, New Mexico.

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-474-228 is cross referenced as Area 12-44). 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 7. Figure 1 shows the location of the NTS and locations of numbered testing areas on the site.

Book publications of the U.S. Geological Survey may be obtained from Eastern Distribution Branch, Text Products Section, U.S. Geological Survey, 604 South Pickett Street, Alexandria, VA 22304. Maps of areas west of the Mississippi may be obtained from Branch of Distribution, U.S. Geological Survey, Box 25286, Federal Center, Denver, CO 80225. Information on availability of microfiche or paper duplicate copies of Open-File Reports may be obtained from Open-File Services Section, U.S. Geological Survey, Box 25425, Federal Center, Denver, CO 80225.

Most reports issued in the USGS-474 series are available to the public through the NTIS (U.S. Department of Commerce, National Technical Information Service, Springfield, VA 22161). Microfiche copies may be purchased at $4.00 each. Printed copies of reports are priced according to the following schedule. Reports should be ordered from NTIS by the USGS-474 number. Sandia National Laboratory publications pertaining to studies at the WIPP project site are also available from NTIS.
Figure 1.—Index map showing location of Nevada Test Site and outlines of numbered test areas on the test site.
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1Contact NTIS for price quote.

Figure 2 is an index showing geologic map coverage of the NTS. The location of the WIPP project site is shown on figure 3.
Figure 2.—Index map of Nevada Test Site showing outlines of geologic maps.
Figure 3.--Map showing location of the WIPP project site.
STUDIES AT UNDERGROUND NUCLEAR TEST SITES
(U.S. DEPARTMENT OF ENERGY INTERAGENCY AGREEMENT DE-AI08-76DP00474)

USGS-474-Series

-311 Principal facts, accuracies, sources, and base station descriptions for gravity stations in the Nevada part of the Goldfield and Mariposa 2 degree sheets, by D. L. Healey, R. R. Wahl, and F. E. Currey, 12 p.

-312 Geology of drill hole UE18t and Area 18, Timber Mountain caldera moat, Nevada Test Site, by F. M. Byers, Jr., and W. L. Hawkins, with a section on Geophysical Logging by D. C. Muller, 69 p.

-313 Geology of drill hole UE18r, Timber Mountain caldera, Nevada Test Site, by W. J. Carr, F. M. Byers, Jr., and E. C. Jenkins, 23 p. [1968].

USGS Open-File Reports


Journals and Abstracts


White, A. F., Controls on isotopic compositions in ground-water systems in southern Nevada [abs.]: Transactions, American Geophysical Union, EOS, v. 62, no. 17, p. 286.

Nevada Bureau of Mines and Geology


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81-101 Preliminary results of gravity investigations of the Calico Hills Nevada Test Site, Nye County, Nevada, by D. B. Snyder and H. W. Oliver, 42 p.


81-156 Geology of the Twinridge pluton area, Nevada Test Site, Nevada, by Florian Maldonado, 13 p.


81-522 Preliminary gravity investigations of the Wahmonie site, Nevada Test Site, Nye County, Nevada, by D. A. Ponce, 64 p.

81-980 A slingram survey at Yucca Mountain on the Nevada Test Site, by V. J. Flanigan, 38 p.


81-988 Interpretation of time-domain electromagnetic soundings in the Calico Hills area, Nevada Test Site, Nye County, Nevada, by James Kauahikaua, 13 p., appendix.

Interpretation of hole-to-surface resistivity measurements at Yucca Mountain, Nevada Test Site, by J. J. Daniels, and J. H. Scott, 23 p.

Rock property analysis of core samples from the Calico Hills UE25a-3 borehole, Nevada Test Site, Nevada, by L. A. Anderson, 30 p.

Rock property analysis of core samples from the Yucca Mountain UE25a-1 borehole, Nevada Test Site, Nevada, by L. A. Anderson, 36 p.


USGS Professional Paper


Journals and Abstracts


Waddell, R. K., Results of modeling regional ground-water flow near a potential nuclear-waste repository, Nevada Test Site and vicinity [abs.]: Geological Society of America Abstracts with Programs, v. 13, no. 7, p. 574.
WASTE ISOLATION PILOT PLANT STUDIES
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81-31 Geology of Nash Draw, Eddy County, New Mexico, by G. O. Bachman, 8 p.


81-468 Geologic data for borehole ERDA-6, Eddy County, New Mexico, by C. L. Jones, 59 p.

81-469 Geologic data for borehole ERDA-9, Eddy County, New Mexico, by C. L. Jones, 50 p.
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USGS PP, USGS Professional Paper
SAND, Sandia National Laboratories
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