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NBMG Bulletins, Reports, Maps, Special Publications, Educational Series Publications, Mineral Industry Reports, Open-File Reports, and various other publications are listed on web pages with check boxes for adding them to your shopping cart. Of course, you can remove items from your shopping cart at any time. Further information about each publication can be obtained with a mouse click.

In addition to the regular listings, you can search the database of available NBMG publications using one or more words in the title or authors' names, or other keywords such as mining district, commodity, geologic formation name, or geographic name. The search will yield a list of publications that can be added to your shopping cart with a mouse click. Here too, further information about each publication can be obtained with a mouse click.

A section announcing and describing recent publications is provided on the NBMG publication sales website. A searchable database of out-of-print NBMG publications is also provided; photocopies of these publications are usually available by special order.

We stock about 3,000 U.S. Geological Survey topographic quadrangle maps of Nevada and adjacent areas, including much of the Sierra Nevada and the southern Cascade Range in California. Click on "U.S. Geological Survey topographic and geologic maps" on the NBMG publication sales website to access them. Quadrangle sizes stocked are 7½ minute, 15 minute, 30x60 minute, and 1x2 degree. These maps can be searched for and ordered by entering the quadrangle name or part of it. Or if you know the quadrangle location but not the name, index maps of each of the four quadrangle sizes are provided that allow you to click on quadrangle locations on the index map to place the maps in your shopping cart.

We also stock many USGS Geologic Quadrangle, Geophysical Investigations, Miscellaneous Investigations, and Miscellaneous Field Studies maps of Nevada areas.

We also have available for ordering on the Web some publications by the American Association of Petroleum Geologists, Falcon Press, Geological Society of America, Geological Society of Nevada, Nevada Division of Earth Sciences, Nevada Petroleum Society, Southern Pacific Company, Utah Geological Survey, U.S. Bureau of Land Management, and U.S. Bureau of Mines.

When you have selected the publications you want, you can select how you want them shipped (First Class Mail, Fourth Class Mail, or United Parcel Service) and how you want to pay for them. You can also arrange to have them shipped overnight or you can pick them up at the NBMG Publication Sales Office. Payment may be made electronically by Visa or MasterCard, by telephoning (775-784-6691, x2) or mailing credit card information, or by mailing a check made out to "Board of Regents." The NBMG Sales Office is open for business 7:30 a.m. to 3:00 p.m. Monday through Friday (open until 5:00 p.m. on Tuesday), and open for telephone calls between 7:30 a.m. and 4:15 p.m. (Pacific time) Monday through Friday.



General extent of coverage of USGS maps sold by NBMG.



New Geodesist at NBMG

Geoffrey Blewitt was recently hired as a Research Professor in a joint appointment at the Nevada Bureau of Mines and Geology and the Seismological Laboratory. Geoff is a geodesist, using the Global Positioning System (GPS) to measure movements of the Earth's surface to within a few millimeters. He comes to us from the Department of Geomatics, University of Newcastle upon Tyne, England, where he was awarded a "personal chair" as Professor of Space Geodesy. From 1985-1994 Geoff worked at NASA's Jet Propulsion Laboratory, California Institute of Technology, Pasadena, as Group Supervisor of the Space Geodesy and Geodynamics Systems Group. In 1986 he earned his Ph.D in Physics from the California Institute of Technology. His B.Sc. degree was awarded with "First Class Honours" in 1981 by the University of London, where he won the prize for best Physics student.

While at the Jet Propulsion Lab, Geoff co-authored the GIPSY software, now used by approximately 100 universities and government institutions for high precision geodesy using the GPS. He has won many NASA awards, receiving one as recently as this year for developing a system to measure Earth rotation based on GPS. His research was initially focused on pushing the GPS technique to its limits in precision and applicable distance. His most recent work at Newcastle emphasized geophysical applications, including the measurement of global scale phenomena such as plate tectonics, crustal loading, and secular change in sea level as measured with respect to the Earth's center of mass. His most recently published paper, appearing in *Journal of Geophysical Research* this July, models the effect of weather fronts on GPS data, further developing the potential of GPS for monitoring atmospheric water vapor.

While his research on global geodesy will continue, his interests will include more regional tectonic phenomena in the Basin and Range province, with a focus on geodetic monitoring at Yucca Mountain. He has previously served as Secretary to the American Geophysical Union Geodesy Section, and is currently active in several international organizations that serve the geodetic community. He is a Governing Board Member of two International Association of Geodesy organizations: The International GPS Service, and the "Working Group of European Geo-scientists for the Establishment of Networks for Earth-Science Research (WEGENER)." Geoff is also playing a leading role within the University NAVSTAR Consortium (UNAVCO), where he has initiated an effort to synthesize all existing GPS data into a unique kinematic solution, which would serve to check tectonic model predictions.

Geoff's wife, Debbie Vigil, recently submitted her Ph.D. thesis at the University of Newcastle and has been appointed Assistant Professor in the UNR Medical School's Department of Speech Pathology and Audiology. She is originally from Hawthorne, and has family living in the Reno and Sacramento areas. Geoff and Debbie now look forward to having their twin grandchildren, Adrian and Bryson (4), stay with them every weekend!

New Publications

Intrusion-Related, Polymetallic Carbonate Replacement Deposits in the Eureka District, Eureka County, Nevada, by *Peter G. Vikre*. NBMG Bulletin 110, 52 pages, released November 1998, \$9.00 plus shipping.

Detailed descriptions of cretaceous intrusion-related skarn and polymetallic carbonate replacement deposits in the Eureka mining district, Nevada.

The U.S. Gold Industry 1998, by *John L. Dobra*. NBMG Special Publication 25, 32 pages, released March 1999, \$5.00 plus shipping.

An economic overview of the U.S. gold industry including production, resources, trends in production and capital development costs, regulatory issues, mining law reform, and industry outlook.

Geologic Map of the Tule Springs Park Quadrangle, Nevada, by *John W. Bell, Alan R. Ramelli, and S. John Caskey*. NBMG Map 113, 27x35" full-color plate, released November 1998, \$8.00 plus shipping.

A 1:24,000-scale, full-color map of the Tule Springs Park Quadrangle in Clark County, Nevada, with two cross sections and descriptions of 32 geologic units.

Geologic Map of the Fairview Range and Grassy Mountain, Lincoln County, Nevada, by *Myron G. Best, Lehi F. Hintze, Alan L. Deino, and Larissa L. Maughan*. NBMG Map 114, 12 pages, 27x 39" and 27x33" full-color plates, released December 1998. \$15.00 plus shipping.

Two 1:24,000-scale, full-color maps of the Fairview Range and Grassy Mountain with two cross sections and descriptions of 49 geologic units. Accompanying text includes references and a discussion of the structure and economic geology of the area.

Geologic Map of the Eugene Mountains, Northwestern Nevada, by *Ronald H. Thole and Douglas W. Prihar*. NBMG Map 115, 12 pages, one 34x51" full-color plate, released February 1999, \$21.00 plus shipping.

A 1:24,000-scale, full-color map of the Eugene Mountains in Humboldt and Pershing Counties, with three cross sections and descriptions of 28 geologic units. Accompanying text discusses the geologic units, structural geology and mineral deposits.

Geologic Map of the Tuscarora Quadrangle, Nevada, by *Christopher D. Henry, David R. Boden, and Stephen B. Castor*. NBMG Map 116, 20 pages, one 28x35" full-color plate, released March 1999, \$14.00 plus shipping.

A 1:24,000-scale, full-color geologic map of the Tuscarora 7.5-minute Quadrangle in Elko County, Nevada, with two cross sections and descriptions of 44 rock units. Accompanying text discusses the geology of the quadrangle and the mineral resources of the Tuscarora mining district.

Geologic Map of the Southern Part of the Toe Jam Mountain Quadrangle, Nevada, by *Christopher D. Henry and David R. Boden*. NBMG Map 117, 12 pages, one 28x35" full-color plate, released March 1999, \$14.00 plus shipping.

A 1:24,000-scale, full-color geologic map of the southern part of the Toe Jam Mountain 7.5-minute Quadrangle in Elko County, Nevada, with two cross sections and descriptions of 51 rock units. Accompanying text discusses the geology of the quadrangle.

Geologic Map of the Carson City 30x60 Minute Quadrangle, Nevada, by *John H. Stewart*. NBMG Map 118, 12 pages, one 28x35" full-color plate, released April 1999, \$15.00 plus shipping.

A 1:100,000-scale, full-color geologic map of the Carson City 30x60-minute Quadrangle in western Nevada, with descriptions of 83 geologic units. Accompanying text discusses the geology of the quadrangle and lists 57 references.

Geologic map of the Corn Creek Springs Quadrangle, Nevada, by *John W. Bell, Alan R. Ramelli, Craig M. dePolo, Florian Maldonado, and Dwight L. Schmidt*. NBMG Map 121, one 27x38.5" full-color plate, released September 1999, \$10.00 plus shipping.

A 1:24,000-scale, full-color map of the Corn Creek Springs 7.5-minute Quadrangle in Clark County, Nevada, with two cross sections and descriptions of 45 geologic units.

Note: Geologic maps of the following seven quadrangles in the north Snake Range in Nevada were prepared as part of Stanford University's Summer Field Program. A brochure is included with each map which describes the geology and structural history of the north Snake Range and its dominant structural feature, the north Snake Range décollement.

Geologic Map of the Third Butte East Quadrangle, Nevada, by *Jeffrey Lee, Phillip B. Gans, and Elizabeth L. Miller*. NBMG Map FS-16, 12 pages and one 27x30" b/w plate, released July 1999, \$5.00 plus shipping.

A 1:24,000-scale black-and-white geologic map of the Third Butte East 7.5-minute Quadrangle with one cross section and descriptions of 19 units.

Geologic Map of the Mormon Jack Pass Quadrangle, Nevada, by *Jeffrey Lee, Phillip B. Gans, and Elizabeth L. Miller*. NBMG Map FS-17, 12 pages and one 27x30" b/w plate, released July 1999, \$5.00 plus shipping.

A 1:24,000-scale black-and-white geologic map of the Mormon Jack Pass 7.5-minute Quadrangle with one cross section and descriptions of 20 units.

Geologic Map of the Spring Mountain Quadrangle, Nevada and Utah, by *Phillip B. Gans, Elizabeth L. Miller, and Jeffrey Lee*. NBMG Map FS-18, 12 pages and one 25x29" b/w plate, released July 1999, \$5.00 plus shipping.

A 1:24,000-scale black-and-white geologic map of the Spring Mountain 7.5-minute Quadrangle with one cross section and descriptions of 21 units.

Geologic Map of the Mount Moriah Quadrangle, Nevada, by *Jeffrey Lee, Elizabeth L. Miller, Phillip B. Gans, and Carey C. Huggins*. NBMG Map FS-19 12 pages and one 28x30" b/w plate, released July 1999, \$5.00 plus shipping.

A 1:24,000-scale black-and-white geologic map of the Mount Moriah 7.5-minute Quadrangle with one cross section and descriptions of 38 units.

Geologic Map of the Little Horse Canyon Quadrangle, Nevada and Utah, by *Phillip B. Gans, Elizabeth L. Miller, Carey C. Huggins, and Jeffrey Lee*. NBMG Map FS-20 12 pages and one 28x30" b/w plate, released July 1999, \$5.00 plus shipping.

A 1:24,000-scale black-and-white geologic map of the Little Horse Canyon 7.5-minute Quadrangle with two cross sections and descriptions of 38 units.

Geologic Map of the Old Mans Canyon Quadrangle, Nevada, by *Elizabeth L. Miller, Phillip B. Gans, Susan P. Grier, Carey C. Huggins, and Jeffrey Lee*. NBMG Map FS-21 12 pages and one 27x37" b/w plate, released July 1999, \$5.00 plus shipping.

A 1:24,000-scale black-and-white geologic map of the Old Mans Canyon 7.5-minute Quadrangle with three cross sections and descriptions of 39 units.

Geologic Map of The Cove Quadrangle, Nevada and Utah, by *Elizabeth L. Miller and Phillip B. Gans*. NBMG Map FS-22, 12 pages and one 28x28" b/w plate, released July 1999, \$5.00 plus shipping.

A 1:24,000-scale black-and-white geologic map of The Cove 7.5-minute Quadrangle with one cross section and descriptions of 38 units.

Major Mines of Nevada 1998, Mineral Industries in Nevada's Economy, by *The Nevada Division of Minerals*, NBMG Special Publication P-10, 28 pages, released September 1999, \$2.00 plus shipping.

This tenth issue of an annual series of reports on the major mines and mills in Nevada lists the names and addresses of operators, numbers of employees, and annual production in 1998. Map locations of all major mines are shown and an overview of mineral production and its effect on Nevada's economy is presented.

New Open-File Reports

- OF99-1 Nevada Shaded Relief Map**, by Gary L. Johnson, CD-ROM, \$65.00 plus shipping.
- OF99-2 Mineral And Energy Resource Assessment of the Washoe County Open Space Plan Amendment Area, Washoe County, Nevada**, by Joseph V. Tingley, Larry J. Garside, Stephen B. Castor, and D.D. LaPointe, 398 pages, spiral bound, \$ 45.00 plus shipping.
- OF99-4 Geologic Map of the Griffith Canyon Quadrangle, Nevada**, a preliminary 1:24,000-scale color geologic map by Larry J. Garside and Fred L. Nials, \$12.00 plus shipping.
- OF99-5 Geologic map of the McTarnahan Hill Quadrangle, Nevada**, a preliminary 1:24,000-scale color geologic map by Larry J. Garside and James G. Rigby, \$12.00 plus shipping.
- OF99-6 Geologic map of the Battle Mountain Quadrangle, Nevada**, a preliminary 1:24,000-scale color geologic map by P. Kyle House, Alan R. Ramelli, and Chester T. Wrucke, \$12.00 plus shipping.
- OF99-7 Geologic map of the Frenchman Mountain Quadrangle, Nevada**, a preliminary 1:24,000-scale color geologic map by Stephen B. Castor, James E. Faulds, Stephen M. Rowland, and Craig M. dePolo, \$12.00 plus shipping.
- OF99-8 Geologic Map of the Stony Point Quadrangle, Nevada**, a preliminary 1:24,000-scale color geologic map by Alan R. Ramelli, P. Kyle House, Chester T. Wrucke, and David A. John, \$12.00 plus shipping.

- OF99-9 Geologic Map of the Emigrant Pass Quadrangle, Nevada**, a preliminary 1:24,000-scale color geologic map by Christopher D. Henry and James E. Faulds, \$12.00 plus shipping.
- OF99-10 Geologic Map of the Fraser Flat Quadrangle, Nevada**, a preliminary 1:24,000-scale color geologic map by Larry J. Garside, Stephen B. Castor, Craig M. dePolo, and David A. Davis, \$12.00 plus shipping.
- OF99-11 Geologic Map of the West Half of Moses Rock Quadrangle, Nevada**, a preliminary 1:24,000-scale color geologic map by Stephen B. Castor, Larry J. Garside, and Craig M. dePolo, \$12.00 plus shipping.
- OF99-12 Mineral Report — Pah Rah Plan Amendment Area, Washoe County, Nevada**, by Joseph V. Tingley and Larry J. Garside, 99 pages, spiral bound, \$25.00 plus shipping.
- OF99-13 Assessment of Metallic and Mined Energy Resources in the Yucca Mountain Conceptual Controlled Area, Nye County, Nevada**, by Stephen B. Castor, Larry J. Garside, Joseph V. Tingley, Daphne D. LaPointe, Mario O. Desilets, Liang-Chi Hsu, Patrick M. Goldstrand, Thomas P. Lugaski, and Howard P. Ross, 204 pages, 10 plates, spiral bound, \$135.00 plus shipping.

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