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Bibliography for Triassic and Jurassic Magmatic Arc, Western Nevada
and Eastern California

By

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Open File Report 92-368 A & B

This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards or with the North American Stratigraphic Code. Any use of trade, firm, or product names is for descriptive purposes only and does not imply endorsement by the U.S. Government.

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BIBLIOGRAPHY FOR TRIASSIC AND JURASSIC MAGMATIC ARC
WESTERN NEVADA AND EASTERN CALIFORNIA

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U.S. Geological Survey, Reno, Nevada

Part A

This bibliography was prepared to provide pertinent references for geology, ore deposits, geochemistry and geophysics of an area of the Triassic and Jurassic Magmatic Arc in western Nevada and eastern California. The general area of consideration extends from the area of Walker Lake in western Nevada northwest through Lake Tahoe to the northern Sierra Nevada Mountains. The references included mostly predate 1991. An attempt was made to compile all geologic literature including published literature, theses, and unpublished reports in the archives of the Nevada Bureau of Mines and Geology. Studies conducted in the area in 1989-1991 will be published as a U.S.G.S. Bulletin. This bibliography, along with the references given in each chapter of the Bulletin, should furnish a fairly comprehensive list of the published literature in the study area.

Part A of this Open File is this paper copy of the bibliography. Part B is a floppy disk with the bibliography in several formats for use on computers.

U.S.G.S. Open File Report

BIBLIOGRAPHY FOR TRIASSIC AND JURASSIC MAGMATIC ARC
WESTERN NEVADA AND EASTERN CALIFORNIA

Compiled by Verne Beardslee
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Part B

This disk contains a bibliography that was made for a study of the Triassic and Jurassic magmatic arc of western Nevada and eastern California. The general area of consideration extends from the area of Walker Lake in western Nevada northwest through Lake Tahoe to the northern Sierra Nevada Mountains. The references included mostly predate 1991. An attempt was made to compile all geologic literature including published literature, theses, and unpublished reports in the archive of the Nevada Bureau of Mines and Geology. Part A of this Open File Report is a paper copy of the bibliography. Part B is this floppy disk with the bibliography in several formats for use on computers.

The bibliography is complete in three formats on this disk: ref.dlm, ref.wpd, and ref.asc. Each of these files has a complete bibliographic reference including author, date of publication, title, and source.

The file ref.dlm is an ASCII file with these four fields delimited by quotation marks and separated by commas. This format is appropriate for entry of these data into another program. This format can be viewed with any word processor or by the DOS command type ref.dlm|more.

The file ref.wpd is a Wordperfect 5.1 file formatted in a normal bibliographic reference list. Wordperfect 5.1 is required to use this file.

The file ref.asc is an ASCII file formatted to print like a normal bibliographic reference list. This format might be useful to simply print a paper copy of the file; use the DOS command print ref.asc. Because of carriage returns at the ends of lines, but within a reference; this file is difficult to use.

- Abbott, E.W 1971 Stratigraphy and petrology of Mesozoic volcanic rocks of southeastern California [abs.]: GSA Abstracts with Programs, v. 3, p. 69.
- Ague, J.J., and Brimhall, G.H. 1985 Regional variations in the composition of hornblende from the Sierra Nevada Batholith [abs.]: Eos, Transactions, American Geophysical Union, v. 66, p. 1131
- Albers, J.P. 1967 Belt of sigmoidal bending and right-lateral faulting in the western Great Basin: GSA Bulletin, v. 78, no. 2, p. 143-156.
- Albers, J.P. 1963 [1964] Jurassic "oroclinal" folding and related strike-slip faulting in the western United States Cordillera [abs.]: GSA Special Paper 76, p. 4.
- Albers, J.P. and Robertson, J.F. 1961 Geology and ore deposits of east Shasta copper-zinc district, Shasta, California: U.S. Geological Survey Professional Paper 338, 107p.
- Alcorn, J. and Van Horn, R. 1954 Geologic report on a section of the new Reno Quadrangle, Washoe County, Nevada: Nevada Bureau of Mines and Geology unpublished mining district file, no. 318, item 17, 13p.
- Allmendinger, R.W. and others 1987 Overview of the COCORP 40 N transect, western United States: The fabric of an orogenic belt: GSA Bulletin, v. 98, p. 308-319
- Allmendinger, R.W., Hauge, T., Hauser, E.C., Potter, C.J., and Oliver, J. 1987 Tectonic heredity and the layered lower crust in the Basin and Range Province, western United States: Geological Society of London Special Publication
- Anderson, C.A. 1931 Geology of the Engles and Superior Mines, Plumas County, California: University of California Publications, Department of Geological Science, v. 20, no. 8, p. 293-330.
- Anzman, J.R. 1977 Induced polarization survey, Conoco Minerals Buckskin Project: Nevada Bureau of Mines and Geology, unpublished mining district files, no. 35, item 15, 8p.
- Archbold, N.L. 1966 Descriptions of 21 mines and prospects in the USGS Gillis Canyon 15 minute Quadrangle: Nevada Bureau of Mines and Geology, unpublished mining district files, no. 193, item 1-12, 12p., map scale 1:62,500.
- Archbold, N.L. 1966 Industrial mineral deposits of Mineral County: Nevada Bureau of Mines and Geology Report 14, 32p.
- Archbold, N.L., and Paul, R.R. 1970 Geology and mineral deposits of the Pamlico mining district, Mineral County, Nevada: Nevada Bureau of Mines and Geology Bulletin 74, 12p., 5 sheets
- Armin, R.A., John, D.A., and Moore, W.J. 1984 Geologic map of the Markleeville 15-minute quadrangle, Alpine County, California, with Quaternary geology by John C. Dohrenwend: U.S. Geological Survey Miscellaneous Investigations Series I-1474, scale 1:62,500.
- Armin, R.A., John, D.A., and Moore, W.J. 1982 Geologic map of the east part of the Raymond Peak Roadless Area, Alpine County, California, with Quaternary geology by J.C. Dohrenwend: U.S.

- Geological Survey Miscellaneous Field Studies Map MF-1365-A, scale 1:62,500.
- Armin, R.A., Moore, W.J., John, D.A., and Keith, W.J. 1981 Preliminary geologic map of the Markleeville 15-minute Quadrangle, California, with Quaternary geology by J.C.Dohrenwend: U.S. Geological Survey Open-File Report 81-653, scale 1:62,500.
- Armin, R.A., and John, D.A. 1980 Preliminary geologic map of the Freel Peak 15-minute Quadrangle, California and Nevada, with Quaternary geology by J.C.Dohrenwend: U.S. Geological Survey Open-File Report 80-1075, scale 1:62,500.
- Armin, R.A., and John, D.A. 1983 Geologic map of the Freel Peak 15-minute Quadrangle, California and Nevada: U.S. Geological Survey Miscellaneous Investigations Map I-1424, scale 1:62,500.
- Armstrong, A.K., Chaffee, M.A., and Scott, D.F. 1983 Mineral resource potential map of the Pyramid Roadless Area, El Dorado County, California: U.S. Geological Survey Miscellaneous Field Studies Map MF-1616-A, 5p., scale 1:62,500.
- Armstrong, R.L. and Suppe, J. 1973 Potassium-argon geochronometry of Mesozoic igneous rocks in Nevada, Utah, and Southern California: GSA Bulletin, v. 84, p. 1375-1391.
- Armstrong, R.L., Efren, E.B., McKee, E.H. and Noble, D.C. 1969 Space-Time Relations of Cenozoic Silicic Volcanism in the Great Basin of the Western United States: American Journal of Science, v. 267, p. 478-490.
- Armstrong, R.L., Speed, R.C., Graustein, W.C., and Young, A.Y. 1976 K-Ar dates from Arizona, Montana, Nevada, Utah, and Wyoming: Isochron/West, no. 16, p. 1.
- Ashley, R.P., Goetz, A.F.H., Rowan, L.C., and Abrams, M.J. 1979 Detection and mapping of hydrothermally altered rocks in the vicinity of the Comstock Lode, Virginia City, Nevada: U.S. Geological Survey Open-File Report 79-960, 41p.
- Ave'Lallement, H.G. 1976 Structure of the Canyon Mountain (Oregon) ophiolite and its implication for sea-floor spreading: GSA Special Paper 173, 49p.
- Ave'Lallement, H.G., Weisenberg, C.W., and Standlee, L.A. 1977 Structural development of the Melones [fault] zone, northeastern California [abs.]: GSA Abstracts with Programs, v. 9, p. 383.
- Axelrod, D.I. 1956 Mio-Pliocene floras from west-central Nevada: University of California Publications in Geological Sciences, v. 32, 321p.
- Bailey, E.H., editor 1966 Geology of northern California: California Division of Mines and Geology Bulletin 190, 507p.
- Baird, R.W. 1973 Company geophysical report of the Conoco Pepper Spring Prospect, Mineral County, Nevada: Nevada Bureau of Mines and Geology, unpublished mining district file, no. 208, item 20, 3p., preliminary aeromagnetic map scale 1 in. = 2,000 ft.
- Bamford, R.W. 1977 Surface geochemical sampling and analysis for

- trace elements; Conoco Minerals Buckskin Project; Nevada Bureau of Mines and Geology, unpublished mining district files, no. 35, item 15.
- Bamford, R.W. 1977 Enhanced surface geochemical survey, Conoco Minerals Buckskin Project: Nevada Bureau of Mines and Geology, unpublished mining district file, no. 35, item 15.
- Bamford, R.W. 1977 (1980) Geochemical and mineralogical data for various drill holes; Conoco Minerals Buckskin Project: Nevada Bureau of Mines and Geology, unpublished mining district files, no. 35, item 15, maps.
- Barnes, I., Kistler, R.W., Mariner, R.H., and Presser, T.S. 1981 Geochemical evidence on the nature of the basement rocks of the Sierra Nevada, California: U.S. Geological Survey Water-Supply Paper 2181, 13p.
- Barton, M.D., and others 1988 Mesozoic contact metamorphism in the western United States, in Ernst, W.G., ed., Metamorphism and crustal evolution of the western United States (Rubey volume VII): Prentice-Hall, p. 110-178.
- Bartow, J.A., and Marchand, D.E. 1979 Preliminary geologic map of Cenozoic deposits of the Sutter Creek and Valley Springs quadrangles, California: U.S. Geological Survey Open-File Report 79-436, scale 1:62,500.
- Bateman, P.C. 1965 Geologic map of the Blackcap Mountain Quadrangle, Fresno County, California: U.S. Geological Survey Geologic Quadrangle Map GQ-428.
- Bateman, P.C. 1981 Geologic and geophysical constraints on models for the origin of the Sierra Nevada Batholith, California, in Ernst, W.G., ed., The Geotectonic Development of California (Rubey Volume I): Prentice-Hall, p. 71-86.
- Bateman, P.C. 1969 Geology of the Sierra Nevada, part 1: Mineral Information Service (publication of California Division of Mines and Geology), v. 22, p. 39-42.
- Bateman, P.C. 1974 Model for the origin of Sierran granites: California Geology, v. 27, p. 3-5.
- Bateman, P.C. 1969 Geology of the Sierra Nevada, part 2: Mineral Information Service (publication of California Division of Mines and Geology), v. 22, p. 61-66.
- Bateman, P.C. and Clark, L.D. 1974 Stratigraphic and structural setting of the Sierra Nevada batholith, California: Pacific Geology, v. 8, p. 78-89.
- Bateman, P.C. and Moore, J.G. 1965 Geologic map of the Mt. Goddard Quadrangle, Fresno and Inyo Counties, California: U.S. Geological Survey Geologic Quadrangle Map GQ-429.
- Bateman, P.C., Clark, L.D., Huber, N.K., Moore, J.G., and Rinehart, C.D. 1963 The Sierra Nevada batholith - a synthesis of recent work across the central part: U.S. Geological Survey Professional Paper 414D, p. D1-D46.
- Bateman, P.C., and Eaton, J.P. 1967 Sierra Nevada Batholith: Science, v. 158, p. 1407-1417.
- Bates, T.F. 1945 Origin of the Edwin clay, Ione, California: GSA Bulletin, v. 56, no. 1, plate 1, scale 1:2,800.
- Battles, D.A. and Barton, M.D. 1989 Na-Ca hydrothermal alteration

- in the western Great Basin [abs.]: Eos, v. 70, p. 1382.
- Beal, L.H. 1963 Investigation of titanium occurrences in Nevada: Nevada Bureau of Mines and Geology Report 3, p. 14-15.
- Beck, B.A. 1984 Geologic and gravity studies of the structure of the northern Bullfrog Hills, Nye Co., Nev. (MS thesis): Nevada Bureau of Mines and Geology, unpublished mining district files, no. 218, item 33, 86p., maps.
- Becker, G.F. 1882 Geology of the Comstock Lode and the Washoe district: U.S. Geological Survey Monograph 3, 422p.
- Becker, G.F. 1882 A summary of the geology of the Comstock lode and the Washoe district, Nevada: U.S. Geological Survey 2nd Annual Report, plate 46, scale 1:18,000.
- Becker, G.F. 1888 Geology of the quicksilver deposits of the Pacific slope: U.S. Geological Survey Monograph 13, sheet 14, scale 1:15,000.
- Behrman, P.G. 1978 Pre-Calloviaian rocks west of the Melones fault zone, central Sierra Nevada foothills, in Howell, D.G., and McDougall, K.A., eds: Mesozoic paleogeography western U. S.: Society of Economic Paleontologists and Mineralogists, Pacific Coast Paleogeography Symposium, 2nd, p. 337-348.
- Bell, E.J. and Slemmons, D.B. 1979 Recent crustal movements in the central Sierra-Nevada - Walker Lane region of Calif. - Nevada; Part 2, The Pyramid Lake right-slip fault zone segment of Walker Lane: Tectonophysics, v. 52, p. 571-583.
- Bell, E.J., Fultz, L.A., and Trexler, D.T. 1984 K-Ar isotopic ages of volcanic rocks in the Reno 1 x 2 AMS Sheet, western Nevada: Isochron/West, no. 40, p. 13-15.
- Bell, J.W. and Bonham, H.F., Jr. 1987 Vista Quadrangle - geologic map: Nevada Bureau of Mines and Geology Map 4Hg, scale 1:24,000.
- Bell, J.W. and Garside, L.J. 1987 Verdi Quadrangle - geologic map: Nevada Bureau of Mines and Geology Map 4Gg, Scale 1:24,000.
- Bennett, C.B. 1980 Reno 1 x 2 NTMS area, Nev., data report - hydrogeochemical stream sediment reconnaissance: U.S. Department of Energy Report No. GJBX-108-80, 50p.
- Bennett, J.H., Taylor, G.C., and Toppazada, T.R. 1977 Crustal movement in the northern Sierra Nevada: California Geology, v. 30, p. 51-57.
- Benoit, W.R., Hiner, J.E., and Forest, R.T. 1982 Discovery and geology of the Desert Peak geothermal field--A case history: Nevada Bureau of Mines and Geology Bulletin 97, 81p., scale 1:24,000.
- Benson, L.V. 1984 Hydrochemical data for the Truckee River drainage system, California and Nevada: U.S. Geological Survey Open-File Report 84-440, 35p.
- Benson, L.V., and Spencer, R.J. 1983 A hydrochemical reconnaissance study of the Walker River basin, California and Nevada: U.S. Geological Survey Open-File Report 83-740, 53p.
- Bergantz, G.W. 1988 Thermo-mechanical constraints on melt generation and ascent in continental lithosphere - evidence

- from the concentrically zoned intrusions of the Sierra Nevada, California [abs.]: Eos, Transactions, American Geophysical Union, v. 69, p. 1410.
- Berger, B.R. 1975 Summary and evaluation of the Waterhole Prospect; Conoco Waterhole Projects: Nevada Bureau of Mines and Geology, unpublished mining district files, no. 203, item 6, 11p.
- Bergquist, J.R., Griscom, Andrew, Page, S.S., White, W.W., III, and Scott, D.F. 1986 Mineral resources and mineral resource potential map of the East Yuba and West Yuba Roadless Areas, Plumas and Sierra Counties, California: U.S. Geological Survey Miscellaneous Field Studies Map MF-1613-A, scale 1:48,000.
- Bhattacharyya, T., and Paterson, S.R. 1985 Timing and structural expression of the Nevada orogeny, Sierra Nevada, California Discussion; GSA Bulletin, v. 96, p. 1346-1347.
- Bingler, E.C. 1972 K-Ar dates from volcanic and plutonic rocks of the northern Wassuk Range, central-western Nevada: Isochron/West, no. 3, p. 31-32.
- Bingler, E.C. 1971 Major east-west lineament in west-central Nevada [abs]: GSA Abstracts with Programs, v. 3, no. 2, p. 83.
- Bingler, E.C. 1977 Geologic map of the New Empire Quadrangle, Nevada: Nevada Bureau of Mines and Geology Map 59, scale 1:24,000
- Bingler, E.C. 1978 Geologic map of the Schurz Quadrangle, Nevada: Nevada Bureau of Mines and Geology Map 60, scale 1:48,000.
- Bingler, E.C., Silberman, M.L. and McKee, E.H. 1980 K-Ar ages of volcanic and plutonic rocks in the northern Wassuk Range, central-western Nevada: Isochron/West, no. 27, p. 13-16.
- Binyon, E.O. 1946 Exploration of the Blue Metal corundum property, Douglas County, Nevada: U.S. Bureau of Mines Report of Investigations 3895, 7p.
- Birkeland, P.W. 1963 Pleistocene volcanism and deformation of the Truckee area, north of Lake Tahoe, California: GSA Bulletin, v. 74, p. 1453-1463.
- Black, J.E. and Gant, J.L. 1987 Controls on epithermal precious-metal mineralization and hydrothermal alteration at the Rawhide Au-Ag deposit, Mineral Co. Nevada [abs.]: GSA Abstracts with Programs, v. 19, no. 7, p. 590.
- Blain, C.F., and Andrew, R. L. 1977 Sulfide weathering and the evaluation of gossans in mineral exploration: Minerals Science Engineering, v. 9, no. 3, p. 119-150.
- Blake, M.C., Howell, D.G., and Jones, D.L. 1982 Preliminary tectonostratigraphic terrane map of Calif: U.S. Geological Survey Open File Report 82-593, 10p.
- Blake, M.C., Jr., Bruhn, R.L., Miller, E.L., Moores, E.M., Smithson, S.B., and Speed, R.C. 1985 Corridor C-1, Mendocino Triple Junction to North American Craton: GSA Centennial Continent/Ocean Transect #12, 30p., scale 1:500,000, 3 sheets.
- Blakely, R.J. 1988 Curie temperature isotherm analysis and

- tectonic implications of aeromagnetic data from Nevada: Journal of Geophysical Research, v. 93, no. B10, p. 11,817-11,832.
- Bogen, N.L. 1985 Straitigraphic and sedimentologic evidence of a submarine island-arc volcano in the lower Mesozoic Penon Blanco and Jasper Point Formations, Mariposa County, California: GSA Bulletin, v. 96, p. 1322-1331.
- Bond, G.C., Mensies, M., and Moores, C.M. 1977 Paleozoic - Mesozoic rocks of the northern Sierra Nevada: 73rd Annual Meeting, Cordilleran Section, GSA, 38p.
- Bonham, H.F., Jr., and Burnett, J.L. 1976 South Lake Tahoe Quadrangle - geologic map: Nevada Bureau of Mines and Geology Map 2Ag, scale 1:24,000.
- Bonham, H.F. 1963 Areal geology of the northern half of Washoe Co., Nevada: University of Nevada, Reno, M.S. Thesis, 83p.
- Bonham, H.F. and Bingler, E.C. 1973 Reno Quadrangle - geologic map: Nevada Bureau of Mines and Geology Map 4 Ag, Scale 1:24,000.
- Bonham, H.F. and Papke, K.G. 1969 Geology and mineral deposits of Washoe and Storey Counties, Nevada: Nevada Bureau of Mines and Geology Bulletin 70, 107p., 2 maps, scale 1:250,000.
- Bonham, H.F. and Slemmons, D.B. 1966 Faulting associated with the northern part of the Walker Lane, Nevada [abs.]: GSA Special Paper 101, p. 290.
- Bonham, H.F., Jr., and Bingler, E.C. 1974 Reno Folio, geologic map: Nevada Bureau of Mines and Geology Urban Map 4Ag, scale 1:24,000.
- Bonham, H.F., Jr., and Rogers, D.K. 1983 Mount Rose NE quadrangle geologic map: Nevada Bureau of Mines and Geology Urban Map 4Bg, scale 1:24,000.
- Borengasser, M. 1987 Mineral potential of the Gabbs Valley Range area using computer-enhanced LANDSAT TM data: Nevada Bureau of Mines and Geology unpublished wilderness study file, 15p.
- Borengasser, M.X. and Taranik, J.V. 1988 Structural geology and regional tectonics of the Mineral County area, Nevada, using Shuttle Imaging Radar - B and digital aeromagnetic data: International Journal of Remote Sensing, v. 9, no. 5, p. 967-980.
- Borengasser, M.X., Brandshaft, D.R., et al. 1984 Geological applications of enhanced Landsat 4 TM imagery of south central Nevada; in proceedings of the International symposium on remote sensing of environment: Third thematic conference; Remote sensing for exploration geology; v. 2, p. 747-754.
- Borengasser, M.X., Kleiner, E.F., Vreeland, P., Peterson, E.F., Klieforth, H. and Taranik, J.V. 1988 Geological and vegetational applications of shuttle imaging radar-B, Mineral County, Nevada: Photogrammetric Engineering and Remote Sensing, v. 54, no. 1, p. 71-76.
- Bosma-Douglas, J. 1987 Geology and hydrothermal alteration of a portion of the eastern Excelsior Mountains, Mineral County, Nevada: University of Nevada, Reno, M.S. Thesis, 159p.

- Bowen, O.E., Jr., and Crippen, R.A., Jr. 1948 Geologic guidebook along highway 49-Sierran gold belt: California Division of Mines Bulletin 141, Maps, scale 1:125,000.
- Bowman, J.K. 1983 Geology and mineralization of the Meadow Lake mining district, Nevada County, California: California State University, Hayward, M.S. Thesis.
- Brem, G.F. and Snyder, D.B. 1983 Lithologic and gravity characteristics of the southern Peavine volcanic center, Toiyabe Range, Nevada [abs.]: GSA Abstracts with Programs, v. 15, no. 5, p. 280.
- Brem, G.F. 1984 Geologic map of the Sweetwater Roadless Area, Mono County, California, and Lyon and Douglas Counties, Nevada: U.S. Geological Survey Miscellaneous Field Studies Map MF-1535-B, scale 1:62,500.
- Brem, G.F., Chaffee, M.A., Plouff, D., Lambeth, R.H., Campbell, H.W., Scott, D.F., and Spear, J.M. 1983 Mineral potential map of the Sweetwater Roadless Area, Mono County, California, and Lyon and Douglas Counties, Nevada: U.S. Geological Survey Miscellaneous Field Studies Map MF-1535-A, 26p. scale 1:62,500.
- Brook, C.A. 1977 Stratigraphy and structure of the Saddlebag Lake roof pendant, Sierra Nevada, California: GSA Bulletin, v. 88, p. 321-334.
- Brook, C.A., Nokleberg, W.J., and Kistler, R.W. 1974 Nature of angular unconformity between the Paleozoic metasedimentary rocks and the Mesozoic metavolcanic rocks in the eastern Sierra Nevada, California: GSA Bulletin, v. 85, p. 571-576.
- Brooks, E.R., and Coles, D.G. 1980 Use of immobile trace elements to determine original tectonic setting of eruption of metabasalts, northern Sierra Nevada, California: GSA Bulletin 91, p. 665-671.
- Brooks, E.R., and Garbutt, P.L. 1972 Broken-pillow breccia in the northern Sierra Nevada, Sierra County, California [abs.]: GSA Abstracts with Programs, v. 4, p. 131-132.
- Brooks, H. 1956 Geology of a uranium deposit in the Virginia Mountains, Washoe County, Nevada: University of Nevada, Reno, MS Thesis, 50p.
- Burchfiel, B.C. and Davis, G.A. 1975 Nature and controls of cordilleran orogenesis, western United States; extension of an earlier synthesis: American Journal of Science, v. 275A, p. 363-396.
- Burchfiel, B.C. and Davis, G.A., 1972 Structural framework and evolution of the southern part of the Cordilleran orogen, western United States: American Journal of Science, v. 272, p. 97-118.
- Burchfiel, B.C., and Davis, G.A. 1981 Triassic and Jurassic tectonic evolution of the Klamath Mountains - Sierra Nevada geologic terrane, in Ernst, W.G., ed., The Geotectonic Development of California (Rubey Volume I): Prentice-Hall, p. 50-70.
- Bureau of Land Management 1988 Environmental assessment, proposed Bullfrog Project [draft]: Nevada Bureau of Mines and

- Geology, unpublished mining district files, no. 218, item 37, maps.
- Burnett, J.L. 1967 Geologic map of Lake Tahoe, southern half: U.S. Geological Survey Open-File Report 67-37, 9p., scale 1:62,500.
- Burnett, J.L. 1967 Geologic map of Lake Tahoe - southern half [California]: California Division of Mines and Geology, Open-File Report.
- Burnett, J.L. 1971 Geology of the Lake Tahoe Basin [California]: California Geology, v. 24., p. 119-130.
- Burnett, J.L., and Jennings, C.W., compilers 1962 Geologic map of California, Olaf P. Jenkins edition - Chico Sheet: California Division of Mines and Geology, scale 1:250,000.
- Busby-Spera, C.J. 1988 Speculative tectonic model for the early Mesozoic arc of the southwest Cordillera, United States: Geology, v. 16, p. 1121-1125.
- Butler, A.P., Jr. 1945 Dayton iron deposit, Lyon County [Nevada]: U.S. Geological Survey Open-File Report, 9p.
- Butler, A.P., Jr., Granger, A.E., and Shride, A.F. 1945 Dayton iron deposits, Lyon County, Nevada: U.S. Geological Survey Preliminary Map, scale 1:2,400.
- Butz, T.R., and others 1980 Hydrogeochemical and stream sediment detailed geochemical survey for Sonora Pass, California: Oak Ridge Gaseous Diffusion Plant, for Department of Energy Report GJBX-184(80), plate 7, scale 1:62,500.
- Byerly, P.E. 1973 Company geophysical report of the Conoco Pepper Spring Prospect, Mineral County, Nevada: Nevada Bureau of Mines and Geology, unpublished mining district file, no. 208, item 20, 1p., preliminary aeromagnetic map, scale 1 in. = 2,000 ft.
- Cady, J.W. 1975 Magnetic and gravity anomalies in the Great Valley and western Sierra Nevada metamorphic belt, California: GSA Special Paper 168, 1 plate, scale 1:750,000.
- California Division of Mines and Geology 1974 Aermagnetic map of parts of the Walker Lake and Mariposa 1 by 2 Quadrangles, eastern California: U.S. Geological Survey Open-File Report 74-1109, scale 1:250,000.
- California Mining Bureau 1890 Nevada and Placer Counties: California Mining Bureau, 10th Annual Report, Map, p. 372, scale 1:48,000.
- Calkins, F.C. 1944 Outline of the geology of the Comstock Lode district, Nevada: U.S. Geological Survey Open-File Report, 35p., geologic map, scale 1:24,000.
- Calkins, F.C., and Thayer, T.P. 1945 Geologic map of the Comstock lode district, Nevada: U.S. Geological Survey, scale 1:24000.
- Carlson, D.W., and Clark, W.B. 1954 Mines and mineral resources of Amador County, California: California Journal of Mines and Geology, v. 50, no. 1., plate 1, scale 1:187,500.
- Carlson, J.E. and others 1975 Preliminary map showing distribution and isotopic ages of Mesozoic and Cenozoic intrusive rocks in Nevada: U.S. Geological Survey Open-File

- Report 75-499, 12p. scale 1:1,000,000.
- Carlson, J.E., Stewart, J.H., Johannesen, Dann, and Kleinhampl, F.J. 1978 Geologic map of the Walker Lake 1 x 2 quadrangle, Nevada and California: U.S. Geological Survey Open-File Report 78-523, scale 1:250,000.
- Carr, W.J. 1984 Timing and style of tectonism and localization of volcanism in the Walker Lane belt of south-western Nevada [abs]: GSA Abstracts with programs, v. 16, no. 6, p. 464.
- Castor, S.B. 1972 Geology of the central Pine Nut and Northern Buckskin Range, Nev., a study of intrusive activity: University of Nevada, Reno, Ph.D. Thesis, 290p.
- Castor, S.B. and McKee, E.H. 1975 Mesozoic intrusions, Pine Nut and Buckskin Ranges, western Nevada [abs.]: GSA, Cordilleran Section, Abstracts with Programs, v. 7, no. 3, p. 303.
- Cater, F.W., Jr., Rynearson, G.A., and Dow, D.H. 1951 Chromite deposits of El Dorado County: California Department of Natural Resources, Division of Mines, Bulletin 134, pt. 3., plate 11, scale 1:720.
- Cebull, S.E., and Russell, L.R. 1979 Role of the Melones fault zone in the structural chronology of the North Yuba River area, western Sierra Nevada, California: GSA Bulletin, v. 90, pt. I, p. 225-227, pt. II, p. 528-544.
- Chaffee, M.A. 1984 Results of regional geochemical studies, Walker Lake 1 x 2 Quadrangle, California and Nevada [abstr.] in Exploration for ore deposits of N. American Cordillera, Abstracts with program, Reno, Nevada: Association of Exploration Geochemists, p. 43.
- Chaffee, M.A. 1988 Maps showing distribution of anomalies based on the use of R-mode factor analysis for selected groupings of elements in samples of minus-60-mesh (0.25-mm) stream sediment and nonmagnetic heavy-mineral concentrate, Walker Lake 1 x 2 Quadrangle, CA and NV: U.S. Geological Survey Miscellaneous Field Studies Map MF-1382-K, scale 1:250,000, 2 sheets.
- Chaffee, M.A. 1988 Maps showing distribution of anomalies based on the use of SCORESUM plots for selected grouping of elements in samples of minus-60-mesh (0.25mm) stream sediment, Walker Lake 1 x 2 Quadrangle, California and Nevada: U.S. Geological Survey Miscellaneous Field Studies Map MF-1382-L, scale 1:250,000, 2 sheets.
- Chaffee, M.A. 1988 Maps showing distribution of anomalies based on the use of SCORESUM plots for selected groupings of elements in samples of nonmagnetic heavy-mineral concentrate, Walker Lake 1 x 2 Quadrangle, California and Nevada: U.S. Geological Survey Miscellaneous Field Studies Map MF-1382-M, scale 1:250,000, 2 sheets.
- Chaffee, M.A. 1988 Maps showing distribution of copper, lead, zinc, cadmium, and silver in samples of minus-60-mesh (0.25) stream sediment and nonmagnetic heavy-mineral concentrate, Walker Lake 1 x 2 Quadrangle, California and Nevada: U.S. Geological Survey Miscellaneous Field Studies Map MF-1382-G, scale 1:250,000, 3 sheets.

- Chaffee, M.A. 1988 Maps showing distribution of iron, cobalt, barium, strontium, arsenic, antimony and bismuth in samples of minus-60-mesh (0.25) stream sediment and (or) nonmagnetic heavy-mineral concentrate, Walker Lake 1x 2 Quadrangle, California and Nevada: U.S. Geological Survey Miscellaneous Field Studies Map MF-1382-I, scale 1:250,000, 3 sheets.
- Chaffee, M.A. 1988 Maps showing distribution of molybdenum, tin, boron, tungsten and gold in samples of minus-60-mesh (0.25) stream sediment and (or) nonmagnetic heavy-mineral concentrate, Walker Lake 1 x 2 Quadrangle, California and Nevada: U.S. Geological Survey Miscellaneous Field Studies Map MF-1382-H, 10 p., scale 1:250,000, 2 sheets.
- Chaffee, M.A. 1988 Maps showing distribution of 12 selected elements in samples of rock, Walker Lake 1 x 2 Quadrangle, California and Nevada: U.S. Geological Survey Miscellaneous Field Studies Map MF-1382-J, scale 1:250,000.
- Chaffee, M.A. 1985 Summary geochemical map for samples of rock, stream sediment, and nonmagnetic heavy-mineral concentrate, Freel and Dardanelles Roadless Areas, Alpine and El Dorado Counties, California: U.S. Geological Survey Miscellaneous Field Studies Map MF-1322-D, scale 1:62,500.
- Chaffee, M.A. 1986 Summary geochemical maps for samples of rock, stream sediment, and nonmagnetic heavy-mineral concentrate, Sweetwater Roadless Area, Mono County, California, and Lyon and Douglas Counties, Nevada: U.S. Geological Survey Miscellaneous Field Studies Map MF-1535-C, scale 1:62,500, 2 sheets.
- Chaffee, M.A. 1986 Summary geochemical maps for samples of rock, stream sediment, and nonmagnetic heavy-mineral concentrate, Pyramid Roadless Area, El Dorado County, California: U.S. Geological Survey Miscellaneous Field Studies Map MF-1616-B scale 1:62,500.
- Chaffee, M.A., Fey, D.L., Grimes, D.J., and Leinz, R.W. 1983 Chemical analysis and statistical summaries for samples of rock, minus-60-mesh (0.25-mm) stream sediment, and nonmagnetic heavy-mineral concentrate, Lincoln Creek Roadless Area, Douglas County, Nevada: U.S. Geological Survey Open-File Report 83-666, 21p.
- Chaffee, M.A., Fey, D.L., Grimes, D.J., and Leinz, R.W. 1983 Chemical analysis and statistical summaries for samples of rock, minus-60-mesh (0.25-mm) stream sediment, and nonmagnetic heavy-mineral concentrate, Pyramid Roadless Area, El Dorado County, California: U.S. Geological Survey Open-File Report 83-644, 25p. geochemical sample site map, scale 1:62,500.
- Chaffee, M.A., Hill, R.H., Speckman, W.S. and Sutley, S.J. 1980 Preliminary data set containing geochemical analysis of samples of rock, stream sediment, and nonmagnetic heavy-mineral concentrate,, Walker Lake 1 x 2 Quadrangle, California and Nevada: U.S. Geological Survey Open-File Report 80-881, 237p.
- Chaffee, M.A., Hill, R.H., Speckman, W.S. and Sutley, S.J. 1980

- Geochemical analysis of samples of rock, stream sediment, and panned heavy mineral concentrate, southern part of the Walker River Indian Reservation, Mineral Co., Nevada: U.S. Geological Survey Open File Report 80-365, 15p. [also covers parts of Bovard and Buckley districts].
- Charlton, D. 1978 An upward-coarsening submarine fan constructed on the Rattlesnake Creek ophiolite, Ironside Mountain Quad., Trinity Co., Klamath Mountains, California [abs.]: GSA Abstracts with Programs, v. 19, p. 99.
- Chase, C.G., and Wallace, T.C. 1988 Flexural isostasy and uplift of the Sierra Nevada of California: Journal of Geophysical Research, B, Solid Earth and Planets, v. 93, p. 2795-2802.
- Chesterman, C.W. 1975 Geology of the Matterhorn Peak 15-minute quadrangle, Mono and Tuolumne Counties, California: California Division of Mines and Geology, Map Sheet 22, scale 1:48,000.
- Chesterman, C.W., and Gray, C.H., Jr. 1975 Geology of the Bodie 15-minute quadrangle, Mono County, California: California Division of Mines and Geology, Map Sheet 21, scale 1:48,000.
- Christe, G. 1987 The geology and petrology of the eastern Mesozoic belt, northern Sierra Nevada, California: University of Vermont, M.S. Thesis, 350p.
- Christensen, M.L. 1963 Structure of metamorphic rocks at Mineral King, California: California University Publications in Geological Science, v. 42, no. 4, p. 159-198.
- Cinque, M.J. 1979 Geology and uranium mineralization of the Hallelujah Junction, Red Rock Canyon area, Lassen County, California, Washoe County, Nevada: University of Nevada, Reno, M.S. Thesis, 117p.
- Clark, C.W. 1922 Geology and ore deposits of the Santa Fe district, Mineral County, Nevada: California University, Department of Geological Sciences Bulletin, v. 14, no. 1, plate 1, scale 1:48,000.
- Clark, L.D. 1964 Stratigraphy and structure of part of the western Sierra Nevada metamorphic belt, California: U.S. Geological Survey Professional Paper 410, 70p.
- Clark, L.D. 1976 Stratigraphy of the north half of the western Sierra Nevada metamorphic belt, California: U.S. Geological Survey Professional Paper 923, 26p.
- Clark, L.D. 1954 Geology and mineral deposits of the Calaveritas quadrangle, Calaveras County, California: California Department of Natural Resources, Division of Mines, Special Report 40, plate 1, scale 1:24,000.
- Clark, L.D. 1970 Geology of the San Andreas 15-minute quadrangle, Calaveras County, California: California Division of Mines and Geology Bulletin 195, plate 1, scale 1:62,500.
- Clark, L.D., Imlay, R.W., McMath, V.E., and Silberling, N.J. 1962 Angular unconformity between Mesozoic and Paleozoic rocks in the northern Sierra Nevada, California: U.S. Geological Survey Professional Paper 450B, p. B15-B19.
- Clark, L.D., Stromquist, A.A., and Tatlock, D.B. 1963 Geologic map of the San Andreas quadrangle, Calaveras County,

- California: U.S. Geological Survey Geologic Quadrangle Map GQ-222, scale 1:62,500.
- Clark, L.D., and Huber, N.K. 1975 Geologic observations and sections along selected stream traverses, northern Sierra Nevada metamorphic belt, California [background data for companion report: U.S. Geological Survey Professional Paper 923: U.S. Geological Survey Miscellaneous Field Studies Map MF-690, scale 1:62,500, 3 sheets.
- Clark, W.B. 1970 Gold districts of California: California Division of Mines and Geology Bulletin 193, 186p., scale 1:1,000,000.
- Clark, W.B. 1977 Mines and mineral resources of Alpine County, California: California Division of Mines and Geology, County Report 8, plate 1, scale 1:125,000.
- Clark, W.B., and Carlson, D.W. 1956 Mines and mineral resources of El Dorado County: California Journal of Mines and Geology, v. 52, no. 4, plate 9, scale 1:250,000.
- Clayton, C.A. 1981 The geology of the West Walker Canyon area, Mono County, California, with emphasis on late magmatic stage veining: University of Nevada, Reno, MS Thesis, 88p.
- Cloos, E. 1935 Mother Lode and Sierra Nevada batholith: Journal of Geology, v. 43, n. 3, fig. 3, scale 1:76,000.
- Cogbill, A.H. 1979 Relationships of crustal structure and seismicity, western Great Basin: Northwestern University, Evanston, III, Ph.D. Thesis, 289p.
- Compton, R.R. 1961 Peridotite-gabbro-granodiorite pluton in the Sierra Nevada, California [abs.]: GSA Special Paper 68, p. 16-17.
- Conoco Minerals Stratigraphy; Buckskin Project: Nevada Bureau of Mines and Geology, unpublished mining district files, no. 35, item 15.
- Conoco Minerals 1976 Soil geochemical analyses, Buckskin Project: Nevada Bureau of Mines and Geology, unpublished mining district files, no. 35, item 15.
- Conoco Minerals 1976 Buckskin Prospects thin sections, Buckskin Project: Nevada Bureau of Mines and Geology, unpublished mining district files, no. 35, item 15.
- Conoco Minerals 1978 Buckskin Project geophysical report, gravity survey: Nevada Bureau of Mines and Geology, unpublished mining district files, no. 35, item 15.
- Conoco Minerals Geochem. locations on air photos: Buckskin Project: Nevada Bureau of Mines and Geology, unpublished mining district files, no. 35, item 15.
- Conoco Minerals Drilling data, logs and assays; Buckskin Project: Nevada Bureau of Mines and Geology, unpublished mining district files, no. 35, item 15.
- Conoco Minerals 1975 Analysis of rock samples; Conoco Waterhole Project: Nevada Bureau of Mines and Geology, unpublished mining district files, no. 203, item 6, 41p.
- Conoco Minerals Mineralogy of rock samples; Conoco Waterhole Project: Nevada Bureau of Mines and Geology, unpublished mining district files, no. 203, item 6, 17p.

- Conoco Minerals 1975 Drill logs: Conoco Waterhole Project: Nevada Bureau of Mines and Geology, unpublished mining district files, no. 203, item 6, 30p.
- Conoco Minerals 1975 Quailey Mine, Mineral Co., Nevada: Nevada Bureau of Mines and Geology, unpublished mining district mining district file, no. 209, item 3, geologic and geochemical maps.
- Conoco Minerals 1973 -1975, Analysis of rock samples, Pepper Spring Prospect, Mineral County, Nevada: Nevada Bureau of Mines and Geology, unpublished mining district mining district file, no. 208, item 20, 42p., sample location map, scale 1 in. = 500 ft.
- Conoco Minerals Thin section mineralogy; Pepper Spring Prospect, Mineral County, Nevada: Nevada Bureau of Mines and Geology, unpublished mining district mining district file, no. 208, item 20, 22p.
- Cook, J.R. 1980 Death valley 1 x 2 NTMS area, California and Nevada - hydro-geochemical and stream sediment reconnaissance: U.S. Department of Energy Report GJBX-135(80), 92p.
- Copenhagen, G.C., Jr. 1982 The Marietta district - a belt of diverse exploration targets: Colorado Mining Association, 1982 Mining Yearbook, p. 129-135.
- Cordy, G.E., and Mansour, A. 1985 Reno NE Quadrangle - geologic map: Nevada Bureau of Mines and Geology Map 4Cg, scale 1:24,000.
- Cornwall, H.R. 1962 Calderas and associated volcanic rocks near Beatty, Nye County, Nevada; in Petrologic studies: GSA Bulletin, Buddington Volume, p. 357-371, map.
- Cornwall, H.R. 1972 Geology and mineral deposits of southern Nye County, Nevada: Nevada Bureau of Mines and Geology Bulletin 77, 49p., scale 1:250,000.
- Cornwall, H.R. and Klienhampl, F.J. 1964 Geology of the Bullfrog quadrangle and ore deposits related to the Bullfrog Hills caldera, Nye County, Nevada and Inyo County, California: U.S. Geological Survey Professional Paper 454-J, p. J1-J25, geologic maps.
- Cornwall, H.R. and Klienhampl, F.J. 1961 Preliminary geologic map and sections of the Bullfrog quadrangle, Nevada-California: U.S. Geological Survey Miscellaneous Field Studies Map MF-177, scale 1:48,000.
- Cornwall, H.R., Lakin, H.W., Nakagawa, H.M., and Stager, H.K. 1967 Silver and mercury geochemical anomalies in the Comstock, Tonopah, and Silver Reef districts, Nevada-Utah: U.S. Geological Survey Professional Paper 575-B, p. B10-B20.
- Corvalan, J.I. 1962 Mesozoic Biostratigraphy of the Westgate area, Churchill County, Nevada: Ph.D., Thesis, Stanford University, California.
- Court, J.E., Goldman, C.R., and Hyne, N.J. 1972 Surface sediments in Lake Tahoe, California-Nevada: Journal of Sedimentary Petrology, v. 42, p. 359-377.
- Cramer, L.W. 1973 Report on Buckskin Mine: Nevada Bureau of

- Mines and Geology, unpublished mining district files, no. 35, item 10, 5p.
- Crickmay, C.H. 1933 Mount Jura investigation: GSA Bulletin, v. 44, p. 895-926.
- Criss, R.E., Champion, D.E., and Horan, M.F. 1989 Oxygen isotope map of the fossil hydrothermal system in the Comstock Lode mining district, Nevada: U.S. Geological Survey Circular 1035, p. 11-13.
- Crowder, D.F. and Sheridan, M.F. 1972 Geologic map of the Benton Quadrangle, California-Nevada: U.S. Geological Survey Geologic Quadrangle Map GQ-1013.
- Crowder, D.F., McKee, E.H., Ross, D.C., and Krauskopf, K.B. 1973 Granitic rocks of the White Mountains area, California-Nevada; age and regional significance: GSA Bulletin, v. 84, p. 285-296.
- Cupp, G.M., Leedom, S.H., Mitchell, T.P., Kiloh, K.D., and Horton, R.C. 1977 Preliminary study of the favorability for uranium in selected areas in the Basin and Range Province, Nevada: U.S. Department of Energy GJBX-74(77), 63p., 21 plates.
- Curtis, G.H. 1951 The geology of the Topaz Lake Quadrangle and the eastern half of the Ebbetts Pass [Markleeville] Quadrangle [California]: University of California, Berkeley, Ph.D. Thesis, 316p.
- D'Allura, J.A., Moores, E.M., and Robinson, L. 1977 Paleozoic rocks of the northern Sierra Nevada; Their structural and paleogeographic implications, in Stewart, J.H., Stevens, C.H., and Fritsche, A.E., eds., Paleozoic paleogeography of the western United States: Pacific Section, Society of Economic Paleontologist and Mineralogist, Pacific Coast Paleogeography Symposium 1, p. 395-408.
- D'Alurra, J.A. 1977 Stratigraphy, structure, petrology, and regional correlations of metamorphosed upper Paleozoic volcanic rocks in portions of Plumas, Sierra, and Nevada Counties, California: University of California, Davis, Ph.D. Thesis, 338p.
- Daley, A.C., and Poole, D.M. 1949 A geologic section in east-central California, eastward from Donner Pass: University of California, Los Angeles, M.S. Thesis, 73p.
- Davay, J.C. 1981 The petrology and provenance of the Shoo Fly Formation quartzose sandstones, northern Sierra Nevada, California: University of California, Davis, M.S. Thesis, 110p.
- Davis, D.A. 1989 The Paleozoic-Mesozoic unconformity of the northern Sierra Nevada (NSN), California, and its significance [abs.]: GSA Abstracts with Programs, v. 21, p. 71-72.
- Day, H.W. 1988 The influence of tectonic setting on metamorphism in an arc-continent collision zone, northern Sierra Nevada, California [abs.]: GSA Abstracts with Programs, v. 20, p. 15.
- Day, H.W., Moores, E.M., and Tuminas, A.C. 1985 Structure and

- tectonics of the northern Sierra Nevada: GSA Bulletin, v. 96, p. 436-450.
- Day, H.W., Schiffman, P., and Moores, E.M. 1986 Regional metamorphism and tectonics of the northern Sierra Nevada, California [abs.]: GSA Abstracts with Programs, v. 18, p. 582.
- Day, H.W., Schiffman, Peter, and Moores, E.M. 1988 Metamorphism and tectonics of the northern Sierra Nevada, in Ernst, W.G., ed., Metamorphism and crustal evolution of the western United States (Rubey volume VII): Prentice-Hall, p. 737-763.
- Day, H.W., and Beard, J.S. 1987 Mesozoic plutonism in the northern Sierra Nevada, California [abs.]: GSA Abstracts with Programs, v. 19, p. 370-371.
- Dempsey, W.J., and Vargo, J.L. 1965 Aeromagnetic map of parts of the Mount Rose and the Virginia City Quadrangles, Lyon, Storey, and Washoe Counties, Nevada: U.S. Geological Survey Open-File Report, scale 1:62,500.
- Dilek, Y., Moores, E.M. and Erskine, M.C. 1988 Ophiolitic thrust nappes in western Nevada; Implications for the Cordilleran Orogen: Journal of the Geological Society, London, v. 145, p. 969-975.
- Dilek, Y., and Moores, E.K. 1988 Fracture zone tectonics and island arc evolution in the Mesozoic Sierra Nevada, California, and implications for transform offset of the Sierran/Klamath convergent margins [abs.]: Proceedings of the 8th International Conference on Basement Tectonics, Characterization and Comparison of Precambrian through Mesozoic Continental Margins, v. 8, p. 22.
- Dilek, Y., and Moores, E.K. 1986 A possible allochthonous oceanic transform fault zone in the northwestern Sierra Nevada, California [abs.]: GSA Abstracts with Programs, v. 18, p. 101.
- Diller, J.S. 1908 Geology of the Taylorsville region, California: U.S. Geological Survey Bulletin 353.
- Dilles, J.H. 1982 Lateral and vertical alteration and mineralization patterns around the Ann-Mason porphyry copper deposit, Yerington, Nevada [abs.]: GSA Abstracts with Programs, v. 14, p. 160.
- Dilles, J.H. 1984 The petrology and geochemistry of the Yerrington batholith and the Ann-Mason porphyry copper deposit, western Nevada: Unpublished, Ph.D. Thesis, Stanford University, 389p.
- Dilles, J.H., and Wright, J.E. 1988 The Chronology of early Mesozoic arc magmatism in the Yerington district of western Nevada and its regional implications: GSA Bulletin, v. 100, p. 644-652.
- Diment, W.H., Stewart, S.W. and Roller, J.C. 1961 Crustal structure from the Nevada Test Site to Kingman, Arizona, from seismic and gravity observations: Journal of Geophysical Research, v. 66, no. 1, p. 201-214, Dobrin, M.B. and Savit, C.H., 1988, Introduction to Geophysical Prospecting (4th ed.): New York, McGraw-Hill, 867p.

- Dixon, R.L. 1971 The geology and ore deposits of the Red Canyon Mining District, Douglas Co., Nevada: University of Nevada, Reno, M.S. Thesis, 88p.
- Dodge, F.C.W. 1967 Mineral resources of the Desolation Primitive Area of the Sierra Nevada, California: U.S. Geological Survey Bulletin 1261-A, 27p., geologic map, scale 1:62,500.
- Dodge, F.C.W. 1972 Trace-element contents of some plutonic rocks of the Sierra Nevada Batholith: U.S. Geological Survey Bulletin 1314-F, 13p.
- Dodge, F.C.W., and Bateman, P.C. 1988 Nature and origin of the root of the Sierra Nevada: American Journal of Science, v. 288-A, Wones Volume, p. 341-357.
- Dodson, R.E. 1977 Continuous measurements of the natural remanent magnetization of sediments from Lake Michigan and Lake Tahoe: University of Pittsburgh, Ph.D. Thesis, 228p.
- Dohrenwend, J.C. 1982 Surficial geologic map of the Walker Lake 1 x 2 Quadrangle, Nevada-California: U.S. Geological Survey Miscellaneous Field Studies Map MF-1382-C, scale 1:250,000.
- Dohrenwend, J.C. 1982 Reconnaissance surficial geologic map of the Gabbs-Luning area, west-central Nevada: U.S. Geological Survey Miscellaneous Field Studies Map MF-1374, scale 1:62,500.
- Dohrenwend, J.C. 1982 Preliminary surficial geologic map of the Excelsior Mountains area, west-central Nevada: U.S. Geological Survey Miscellaneous Field Studies Map MF-1372, scale 1:62,500.
- Dohrenwend, J.C. 1981 Reconnaissance surficial geologic map of the Trench Canyon Quadrangle, California-Nevada: U.S. Geological Survey Open-File Report 81-1155, scale 1:62,500.
- Dohrenwend, J.C. 1982 Reconnaissance surficial geologic map of the Aurora Quadrangle, Nevada and California: U.S. Geological Survey Miscellaneous Field Studies Map MF-1373, scale 1:62,500.
- Dohrenwend, J.C. 1981 Reconnaissance surficial geologic map of the Mount Siegel Quadrangle, Nevada-California: U.S. Geological Survey Open-File Report 81-1156, scale 1:62,500.
- Dohrenwend, J.C., and Brem, G.F. 1982 Reconnaissance surficial geologic map of the Bridgeport Quadrangle, California and Nevada: U.S. Geological Survey Miscellaneous Field Studies Map MF-1371, scale 1:62,500.
- Domenick M.A., Kistler, R.W., Dodge, F.C.W., and Tatsumoto, M. 1981 Sm-Nd and Rb-Sr study of Sierra Nevada xenoliths and implications for batholith evolution [abs.]: Eos, Transactions, American Geophysical Union, v. 62, p. 437.
- Drew, P. 1970 Geochemistry of iron and clay mineralogy of playa sediments from Teels Marsh, Nevada: University of Wisconsin, MA Thesis, 69p.
- Duffield, W.A., and Sharp, R.V. 1975 Geology of the Sierra foothills melange and adjacent areas, Amador County, California: U.S. Geological Survey Professional Paper 827, plate 1, scale 1:24,000.
- Dunne, G.C. 1971 Petrology of the Pat Keyes pluton, Inyo

- Mountains, California and its relation to the Sierra Nevada batholith [abs.]: GSA Abstracts with Programs, v. 3, p. 113.
- Durham, D.L. and Felmlee, J.K. 1982 National Uranium Resource Evaluation, Walker Lake Quadrangle, California and Nevada (prepared for the U.S. Dept. of Energy, Grand Junction Office, Under Contract No. ED-A113-78GJ01686 with the U.S. Geological Survey, Golden, Colorado): U.S. Department of Energy Report No. PGJ/F-010 (82), 43p., 13 plates.
- Durrell, C. 1944 Andesite breccia dikes near Blairsden, California: GSA Bulletin, v. 55, no. 3, fig. 2, scale 1:46,000.
- Durrell, C. 1959 The Lovejoy formation of northern California: California University, Publications in Geological Sciences, v. 34, no. 4, map 3, scale 1:63,360.
- Durrell, C. 1959 Tertiary stratigraphy of the Blairsden quadrangle, Plumas County: California University, Publication in Geological Sciences, v. 34, no. 3, map 3, scale 1:24,000.
- Durrell, C. 1965 Guidebook--Sacramento Geological Society field trip from LaPorte to the summit of the Grizzly Mountains, Plumas County, California: University of California, Davis, Map, scale 1:125,000.
- Durrell, C., and D'Allura, J.A. 1977 Upper Paleozoic section in eastern Plumas and Sierra Counties, northern Sierra Nevada, California: GSA Bulletin, v. 88, p. 844-852.
- Duval, J.S. and Pitkin, J.A. 1988 Interpretation of aerial gamma-ray data for Nevada: U.S. Geological Survey Open-File Report 88-288, 12p., 9-35 mm color slides, scale 1:1,000,000.
- Earhart, R.L. 1988 Geologic setting of gold occurrences in the Big Canyon area, El Dorado County, California: U.S. Geological Survey Bulletin 1576, fig. 2, scale 1:15,680.
- Edelman, S.H. 1986 Structure across the northern Sierra Nevada foothills suture zone, California [abs.]: GSA Abstracts with Programs, v. 18, p. 103.
- Edelman, S.H. 1985 Slate belt structures related to arc-continent collision and vergence reversal, northern Sierra Nevada, California [abs.]: GSA Abstracts with Programs, v. 17, p. 353.
- Edelman, S.H. 1986 Structure across a Mesozoic ocean-continent suture zone in the northern Sierra Nevada, California and its implications for ocean-accretion processes and regional tectonics: University of California, Davis, Ph.D. Thesis, 311p.
- Edelman, S.H., and Moores, E.M. 1984 Late Mesozoic collision orogen in the western USA [abs.]: GSA Abstracts with Programs, v. 16, p. 498.
- Edleman, S.H., Day, H.W., Moores, E.M., Zigan, S.M., Murphy, T.P., and Hacker, B.R. 1989 Structure across a Mesozoic ocean-continent suture zone in the northern Sierra Nevada, California: GSA Special Paper 224, 56p.
- Eisinger, V.J. 1960 Geology of the Prison Hill-Brunswick Canyon

- area, Ormsby [Carson City] and Douglas Counties, Nevada: University of Nevada, Reno, M.S. Thesis, 69p.
- Eisinger, V.J., Swinderman, J.N., and Slemmons, D.B. 1962 Order-disorder relations in metavolcanic and plutonic rocks of the Prison Hill area, Carson City, Nevada, II, in Observations on order-disorder relations of natural plagioclase: Norsk Geologisk Tidsskrift, v. 42, no. 2, p. 555-566.
- Ekren E.B., and Byers, F.M., Jr. 1984 The Gabbs Valley Range- a well-exposed segment of the Walker Lane in west-central Nevada, in Lintz, Joseph, Jr., Western geological excursions, v.4: GSA Annual Meeting, Mackay School of Mines, Reno, Nevada, p. 203-215.
- Ekren, E.B and Byers, F.M., Jr. 1978 Preliminary geologic map of the Luning N.W. Quadrangle Mineral County, Nevada: U.S. Geological Survey Open-File Report 78-916, scale 1:48,000.
- Ekren, E.B. and Byers, B.M., Jr. 1985 Geologic map of the Win Wan Flat, Kinkaid NW, Kinkaid, and Indian Head Peak quadrangles, Mineral County, Nevada: U.S. Geological Survey Miscellaneous Investigations Series Map I-1578, scale 1:48:000.
- Ekren, E.B. and Byers, F.M., Jr. 1978 Preliminary geologic map of the Luning SE Quadrangle, Mineral and Nye Counties, Nevada: U.S. Geological Survey Open-File Report 78-918, scale 1:24,000.
- Ekren, E.B. and Byers, F.M., Jr. 1978 Preliminary geologic map of the Luning SW Quadrangle, Mineral County, Nevada: U.S. Geological Survey Open-File Report 78-917, scale 1:48,000.
- Ekren, E.B. and Byers, F.M., Jr. 1976 Ash-flow fissure vent in west-central Nevada: Geology, v. 4, p. 247-251.
- Ekren, E.B. and Byers, F.M., Jr. 1978 Preliminary geologic map of the Luning N.E. Quadrangle, Mineral and Nye Counties, Nevada: U.S. Geological Survey Open-File Report 78-915, scale 1:48,000.
- Ekren, E.B. and others 1976 East-trending structural lineaments in central Nevada: U.S. Geological Survey Professional Paper 986, 16p., map, scale 1:500,000.
- Ekren, E.B., and Byers, F.M. 1985 Geologic map of the Gabbs Mountain, Mount Ferguson, Luning, and Sunrise Flat quadrangles, Mineral and Nye Counties, Nevada U.S. Geological Survey Miscellaneous Investigation Series, Map I-1577, scale 1:48,000.
- Ekren, E.B., and Byers, F.M., Jr. 1986 Geologic map of the Mount Annie NE, Mount Annie, Ramsey Spring, and Mount Annie SE quadrangles, Mineral and Nye Counties, Nevada: U.S. Geological Survey Miscellaneous Investigations Series Map I-1579, scale 1:48,000.
- Ekren, E.B., and Byers, F.M., Jr. 1986 Geologic map of the Murphys Well, Pilot Cone, Copper Mountain, and Poinsetta Spring Quadrangles, Mineral County, Nevada: U.S. Geological Survey Miscellaneous Investigations Series Map I-1576, scale 1:48,000.
- Emerson, D.O. 1963 Orbicular and banded structures in diorite

- near Fisher Lake, Placer County, California [abs.]: GSA Special Paper 73, p. 38.
- Emmons, W.H. and Garrey, G.H. 1910 Faulting in the Bullfrog district, Nevada: Mining and Science Press, v. 100, p. 931.
- Eng, S. 1987 California Geology Magazine Index 1948-1986: California Division of Mines and Geology Special Publication 92, 69p.
- Eric, J.H., Stromquist, A.A., and Swinney, C.M. 1954 Geology and mineral deposits of the Angels Camp and Sonora quadrangles, Calaveras and Tuolumne Counties, California: California Department of Natural Resources, Division of Mines, Special Report 41, plate 1, scale 1:24,000.
- Ernst, W.G. 1983 Phanerozoic continental accretion and metamorphic evolution of northern and central California: Tectonophysics, v. 100, p. 287-320.
- Erskine, M.C. and Moore, E.M. 1984 Ophiolitic belts of western Nevada, field and geophysical evidence [abs.]: GSA, Abstracts with Programs, v. 16, p. 503.
- Erwin, J.W. 1982 Principle facts for a set of regional gravity data for the Reno 1 x 2 sheet, Nevada: Nevada Bureau of Mines and Geology Open File Report 82-2, 34p.
- Erwin, J.W. 1982 Discussion of a set of regional gravity data for the Reno 1 x 2 sheet, Nevada: Nevada Bureau of Mines and Geology Open File Report 82-7, 6p.
- Erwin, J.W. 1970 Gravity map of the Yerington, Como, Wabuska, and Wellington Quadrangles, Nevada: Nevada Bureau of Mines and Geology Map 39, scale 1:125,000.
- Erwin, J.W. and Berg, J.C. 1977 Bouguer gravity map of Nevada - Reno Sheet: Nevada Bureau of Mines and Geology, Map 58, scale 1:250,000.
- Evans, J.R., and Matthews, R.A., eds. 1968 Geologic studies in the Lake Tahoe area, California and Nevada: Geological Society of Sacramento, Annual Field Trip Guidebook, 99p., scale 1:125,000.
- Evans, J.R., ed. 1966 Guidebook along the east-central front of the Sierra Nevada [California]: Geological Society of Sacramento, Annual Field Trip, June 18 & 19, 1966, 76p., 5 sheets.
- Evernden, J.F. and Kistler, R.W. 1970 Chronology of emplacement of Mesozoic batholithic complexes in California and western Nevada: U.S. Geological Survey Professional Paper 623, 43p.
- Fairbanks, H.W. 1890 Geology of the Mother Lode region, California: California Mining Bureau, 10th Report, Map, p. 23, scale 1:62,500.
- Farmer, G.L., and DePaolo, D.J. 1983 Origin of Mesozoic and Tertiary granite in the western United States and implications for pre-Mesozoic crustal structure 1. Nd and Sr isotopic studies in the geocline of the northern Great Basin: Journal of Geophysical Research, v. 88, p. 3379-3401.
- Fay, W.M. and Jones, P.L. 1980 Walker Lake 1 x 2 NTMS area, California and Nevada; Hydrochemical and stream sediment reconnaissance: U.S. Department of Energy Report GJBX-107-80

- (or DPST-79-146-13--dual report), 51p.
- Felmlee, J.K., investigator 1984 Uranium occurrences with base and precious metals in [the] Excelsior Mountains, Nevada, in Geological Survey Research, fiscal year 1981: U.S. Geological Survey Professional Paper 1375, p. 35.
- Ferguson, H.G. 1914 Lode deposits of the Alleghany district, California: U.S. Geological Survey Bulletin 580, Fig. 48, scale 1:140,000.
- Ferguson, H.G. and Muller, S.W. 1949 Structural geology of the Hawthorne and Tonopah Quadrangles: U.S. Geological Survey Professional Paper 216, 53p.
- Ferguson, H.G., Muller, S.W. and Cathcart, S.H. 1954 Geology of the Mina Quadrangle, Nevada: U.S. Geological Survey Geologic Quadrangle Map GQ-45, scale 1:125,000.
- Ferguson, H.G., and Gannett, R.W. 1932 Gold-quartz veins of the Alleghany district, California: U.S. Geological Survey Professional Paper 172, plate 3, scale 1:125,000.
- Feth, J.H., Roberson, C.E., and Polzer, W.L. 1964 Sources of mineral constituents in water from granitic rocks, Sierra Nevada, California and Nevada: U.S. Geological Survey Water-Supply Paper 1535-I, 70p., map, scale 1:1,000,000.
- Fey, D.L., and Hill, R.H. 1983 Chemical analyses and statistical summaries for samples of rock, minus-60-mesh (0.25-mm) stream sediment, and nonmagnetic heavy-mineral concentrates, Freel and Dardenelles Roadless Areas, Alpine and El Dorado Counties, California: U.S. Geological Survey Open-File Report 83-77, 22p., scale 1:62,500.
- Fisher, G.R. 1989 The Mt. Tallac roof pendant, California - Mesozoic stratigraphic link between the northern Sierra terrane and west-central Nevada [abs.]: GSA Abstracts with Programs, v. 21, p. 78.
- Fisher, G.R. 1989 Geologic map of the Mount Tallac Roof Pendant, El Dorado County, California: U.S. Geological Survey Miscellaneous Field Studies Map MF-1943, scale 1:24,000.
- Fisher, G.R. (in press), Middle Jurassic syntectonic conglomerate in the Mt. Tallac roof pendant, northern Sierra Nevada, California, in Harwood, D.S. and Miller, M.M., eds., Paleozoic and early Mesozoic paleogeographic relations Sierra Nevada, Klamath Mountains, and related terranes: GSA Special Paper 255.
- Forbes, H. 1931 Geologic reports on dam sites in the San Joaquin River Basin: California Department of Public Works, Division of Water Resources, Bulletin 29, plate C-1, scale 1:125,000.
- Forootan, I. 1962 Geological report on the Copper Hill claims, Spanish Springs Valley, Nevada: Nevada Bureau of Mines and Geology, unpublished mining district file, no. 321, item 3, 24p., 3 geologic maps.
- Francis, R.N. 1973 Company geologic report of the Conoco Pepper Spring Prospect, Mineral County, Nevada: Nevada Bureau of Mines and Geology, unpublished mining district file, no. 208, item 20, 2p.
- Frick, E.A. 1987 Geographic information system for interpreting

- and displaying geochemistry of soil, shallow aquifer material, and ground water in the Carson River basin, Nevada and California; project objectives and plans [abs.]: U.S. Geological Survey Open File Report 87-314, p. 32-33.
- Frost, K.A. 1983 Geology and mineralization of the Luning (New Boston) tungsten-molybdenum prospect, Mineral County, Nevada: University of Nevada, Reno, M.S. Thesis, 60p.
- Frost, K.S. 1984 Skarn deposits; the new Boston-Blue Ribbon polymetallic skarn, in Johnson, J.L., ed., Exploration for ore deposits of the North American Cordillera, field trip guidebook: Association of Exploration Geochemists, 1984 Regional Symposium, Field Trip 10, p. 25-29.
- Galyen, R. and Muller, S.C., contributors 1984 An assessment of hydrothermal systems on portions of the Walker River [Indian] Reservation, as related to the formation of energy and metal accumulations: Nevada Bureau of Mines and Geology, unpublished mining district file, no. 191, item 22, 156p., 5 plates.
- Garcia, M.O., 1978 Criteria for the indentification of ancient volcanic arcs: Earth Science Reviews, v. 14, p. 147-165.
- Garside, L.J. 1989 The Peavine sequence -record of a Jurassic magmatic arc in western Nevada [abs.]: GSA Abstracts with Programs, v. 21, no. 5, p. 82.
- Garside, L.J. 1986 Geochemical reconnaissance - Camp Douglas and Moho Mountain Quadrangles, Mineral County, Nevada: Nevada Bureau of Mines and Geology Report 42, 21p.
- Garside, L.J. 1979 Geologic map of the Camp Douglas Quadrangle, Nevada: Nevada Bureau of Mines and Geology Map 63, scale 1:24,000.
- Garside, L.J. 1982 Geologic map of the Moho Mountain Quadrangle, Nevada: Nevada Bureau of Mines and Geology Map 74, scale 1:24,000.
- Garside, L.J. and Tingley, J.V. 1982 Sample report of Connection Shaft (Pioneer Prospect): Nevada Bureau of Mines and Geology, unpublished mining district files, no. 218, item 27, 2p.
- Garside, P.A. 1969 Geology of the south slope of Peavine Peak and adjacent Truckee River Valley, Washoe County, Nevada: Nevada Bureau of Mines and Geology, unpublished mining district file, no. 318, item 7, 38p., scale 1:24,000.
- Geehan, R.W. 1949 Investigation of the Dayton iron deposit, Lyon and Storey Counties, Nevada: U.S. Bureau of Mines Report of Investigations 4561, 34p.
- Gefell, M.J., Twiss, R.J., and Moores, E.M. 1989 Ductile and brittle shear sense for the "Melones fault zone", northern Sierra Nevada, California [abs.]: GSA Abstracts with Programs, v. 21, p. 83.
- Geissman, J.W. 1976 Report on mapping of the southern Buckskin Range: Nevada Bureau of Mines of Geology, unpublished mining district files, no. 35, item 15, 24p.
- Geissman, J.W., Callian, J.T., Oldow, J.S. and Humphries, S.E. 1984 Paleomagnetic assement of oroflexural deformation in

- west-central Nevada and significance for emplacement of allochthonous assemblages: *Tectonics*, v. 3, no. 2, p. 179-200.
- Geodata International, Inc 1978 Aerial radiometric and magnetic survey Walker Lake national topographic map, Nevada and California, v. 1 and 2, 57p.
- Geodata International, Inc. 1978 Aerial radiometric and magnetic survey, Reno national topographic map, Nevada: U.S. Department of Energy Report GJBX-117(78), v. 1 and 2, 155p.
- Geological Society of Sacramento 1958 East side Sacramento Valley-Mother Lode area: Geological Society of Sacramento, Annual Field Trip Guidebook, April 19-20, 1958, plate 2, scale 1:180,000.
- Geological Society of Sacramento (Evans, J.R., and Matthews, R.A., eds.) 1968 Geologic studies in the Lake Tahoe area, California and Nevada: Geological Society of Sacramento, Annual Field Trip Guidebook, 1968., plate 1, scale 1:125,000.
- Geothermal Resources Council 1983 The role of heat in the development of energy and mineral resources in the northern Basin and Range Province: Geothermal Resources Council Special Report, no. 13, 384p.
- Gerlach, K.H. 1963 The economic geology of the Meadow Lake mining district, Nevada County, California: University of California, Berkeley, M.S. Thesis.
- Gianella, V.P. 1942 Pleonaste from Mineral County, Nevada *American Mineralogist*, v. 30, p. 462-463.
- Gianella, V.P. 1936 Geology of the Silver City district and the southern portion of the Comstock Lode, Nevada: Nevada University Bulletin, v. 30, no. 9, 108p., plate 1, scale 1:27,000.
- Gianella, V.P. and Bonham, H.F., Jr. 1963 Geology of northern Washoe County, Nevada [abs.]: Geological Society of America Special Paper 76, p. 202.
- Gibson, P.C. 1988 Geology of the Buckskin Mine, Douglas Co., Nev. [abs.]; in Bulk Mineable Precious Metal Deposits of the Western U.S., Symposium Proceedings: Geological Society of Nevada, 748p.
- Gilbert, C.M. Christensen, M.N., Yehya, Al-Rawi, and Lajoir, K.R. 1968 Structural and volcanic history of Mono Basin, California-Nevada, in *Studies in volcanology: Geological Society of America Memior* 116, plate 1, scale 1:25,000.
- Gimlett, J.I. 1965 The gravimetric method applied to basin exploration, exemplified by a study of Warm Springs Valley, Washoe County, Nevada: Stanford University, Ph.D. Thesis, 161p.
- Gimlett, J.I. 1967 Gravity study of Warm Springs Valley, Washoe County, Nevada: Nevada Bureau of Mines and Geology Report 15, 31p., geologic and gravity maps, 2 sheets, scale 1:48,000.
- Girty, G.H 1985 An accreted seamount--A working hypothesis for the Bullpen Lake sequence: California Division of Mines and

- Geology, California Geology, v. 38, no. 6, p. 123-128, fig. 2, scale 1:96,000.
- Girty, G.H. 1983 The Culbertson Lake allochthon - A newly identified structural unit within the Shoo Fly Complex - Sedimentologic, stratigraphic, and structural evidence for extension of the Antler orogenic belt to the northern Sierra Nevada, California: Columbia University, Ph.D. Thesis, 155p.
- Girty, G.H., Wardlaw, M.S., Schweikert, R.A., Hanson, R.E., and Bowring, S.A. 1984 Timing of pre-Antler deformation in the Shoo Fly Complex, Sierra Nevada, California: Geology, v. 12, p. 673-676.
- Girty, G.H., and Guthrie, L. 1989 A westward verging imbricate structure, Shoo Fly Complex, Sierra Nevada, California [abs.]: GSA Abstracts with Programs, v. 21, p. 84.
- Girty, G.H., and Kram, M. 1988 Are Paleozoic thrust faults in the Shoo Fly complex, Sierra Nevada, California related to the Antler orogeny in Nevada? [abs.]: GSA Abstracts with Programs, v. 20, p. 163.
- Girty, G.H., and Schweickert, R.A. 1984 The Culbertson Lake allochthon, a newly identified structure within the Shoo Fly Complex, California - Evidence for four phases of deformation and extension of the Antler orogeny to the northern Sierra Nevada: Modern Geology, v. 8, p. 181-198.
- Girty, G.H., and Wardlaw, M.S. 1985 Petrology and provenance of pre-Late Devonian sandstones, Shoo Fly Complex, northern Sierra Nevada, California: GSA Bulletin, v. 96, p. 516-521.
- Giusso, J.R. 1981 Preliminary geologic map of the Sonora Pass 15' quadrangle, California: U.S. Geological Survey Open-File Report 81-1170, scale 1:62,500.
- Godwin, L.H. 1958 Geology of the west side of Peavine Mountain, Washoe County, Nevada: University of Nevada, Reno, M.S. Thesis, 59p., map, scale 1:31,250.
- Gortner, C.W. 1981 Crustal structure of the northern Sierras from an aftershock-traveltime analysis [abs.]: Eos, Transactions, American Geophysical Union, v. 62, p. 961.
- Graton, L.C., and McLaughlin, D.H. 1918 Further remarks on the ores of Engles, California: Economic Geologic, v. 13, p. 81-99.
- Grauch V.J.S., Blank, H.R., Blakely, R.J., Oliver, H.W., Plouff, Donald, and Ponce, David 1987 Geophysical delineation of granitic plutons in Nevada and their relation to gold deposits [abs.]: GSA Abstracts with Programs, v. 19, no. 7, p. 682.
- Grauch, V.J.S., Blakely, R.J., Blank, H.R., Oliver, H.W., Plouff, D. and Ponce, D.A. 1988 Geophysical delineation of granitic plutons in Nevada: U.S. Geological Survey Open-File Report 88-11, 7p., scale 1:1,000,000.
- Gray, R.F. 1953 Geology of a portion of the Pine Nut Mtns., Nevada: University of California, Berkley, M.S. Thesis, 75p.
- Green, W.R. 1964 Structural control of mineralization at the Aurora mining district, Mineral County, Nevada: University of Nevada, Reno, M.S. Thesis, 41p.

- Gromme, C.S. and Merrill, R.T. 1965 Paleomagnetism of late Cretaceous granitic plutons in the Sierra Nevada, California--further results: *Journal of Geophysical Research*, v. 70, no. 14, p. 3,407-3,420.
- Grose, L.T. 1959 Structure and petrology of the northeast part of the Soda Mountains, San Bernardino County, California: *GSA Bulletin*, v. 70, p. 1509-1548.
- Grose, T.L.T. 1985 Glenbrook Quadrangle - geologic map: Nevada Bureau of Mines and Geology Map 2Bg, scale 1:24,000.
- Grose, T.L.T. 1986 Marlette Lake Quadrangle - geologic map: Nevada Bureau of Mines and Geology Map 2Cg, scale 1:24,000.
- Hall, W.E. and MacKevett, E.M., Jr. 1962 Geology and ore deposits of the Darwin Quadrangle, Inyo county, California: U.S. Geological Survey Professional Paper 368, 83p.
- Hallam, A. 1965 Observations on marine Lower Jurassic stratigraphy of North America, with special reference to United States: *AAPG Bulletin*, v. 49, p. 1485-1501.
- Halsey, J.H. 1953 Geology of parts of the Bridgeport, California and Wellington, Nevada Quadrangles Ph.D. Thesis, 495p.: University of California, Berkley.
- Hamilton, W. 1969 Mesozoic California and the underflow of the Pacific Mantle: *GSA Bulletin*, v. 80, p. 2409-2429.
- Hamilton, W., and Myers, W.B. 1967 The nature of batholiths: U.S. Geological Survey Professional Paper 554-C, 30p.
- Hannah, J.L. 1980 Stratigraphy, petrology, paleomagnetism and tectonics of Paleozoic arc complexes, northern Sierra Nevada, California: University of California, Davis, Ph.D. Thesis, 418p.
- Hannah, J.L., and Moores, E.M. 1986 Age relationships and depositional environments of Paleozoic strata, northern Sierra Nevada, California: *GSA Bulletin*, v. 97, p. 787-797.
- Hanson, R.E., Saleeby, J.B., and Schweickert, R.A. 1988 Composite Devonian island-arc batholith in the northern Sierra Nevada, California: *GSA Bulletin*, v. 100, p. 446-457, fig. 2, scale 1:140,000.
- Hanson, R.E., and Schweickert, R.A. 1986 Stratigraphy of mid-Paleozoic island-arc rocks in part of the northern Sierra Nevada, Sierra and Nevada Counties, California: *GSA Bulletin*, v. 97, p. 986-998.
- Harder, E.C. 1910 Iron ores near Dayton, Nevada: U.S. Geological Survey Bulletin 430, p. 240-246.
- Hardyman, R.F. 1978 Volcanic stratigraphy and structural geology of Gillis Canyon Quadrangle, Northern Gillis Range, Mineral County, Nevada: University of Nevada, Reno, Ph.D. Thesis, 248p.
- Hardyman, R.F. 1984 Strike-slip, normal, and detachment faults in the northern Gillis Range, Walker Lane of west-central Nevada, in Lintz, Joseph, Jr., *Western geological excursions*, v.4: GSA Annual Meeting, Mackay School of Mines, Reno, Nevada, p. 184-199.
- Hardyman, R.F. 1980 Geologic map of the Gillis Canyon quadrangle, Mineral County, Nevada: U.S. Geological Survey Miscellaneous

- Investigations Series Map I-1237, scale 1:48,000.
- Hardyman, R.F., Ekren, E.B., and Proffett, J. 1984 Tertiary tectonics of west-central Nevada--Yerington to Gabbs Valley, in Western Geological Excursions: Mackay School of Mines, Department of Geological Sciences Guidebook, v. 4, p. 160-231, fig. 5, scale 1:20,000.
- Harris, N.B., and Einaudi, M.T. 1982 Skarn deposits in the Yerington district, Nevada-Metasomatic skarn evolution near Ludwig: Economic Geology, v. 77, p. 877-898.
- Harvey, D.S., Noble, D.C., et al 1986 Hog Ranch gold property, NW Nevada; Age and genetic relations of hydrothermal mineralization to coeval peralkaline silicic and associated basaltic magmatism: Isochron/West, no. 47, p. 9-11.
- Harwood, D.S. 1988 Tectonism and metamorphism in the northern Sierra terrane, northern California, in Ernst, W.G., ed., Metamorphism and crustal evolution of the western United States (Rubey volume VII): Prentice-Hall, p. 764-788.
- Harwood, D.S. 1982 Geochemical maps of the North Fork of the American River Wilderness Study Area, California: U.S. Geological Survey Miscellaneous Field Studies Map MF-1177-B, scale 1:62,500.
- Harwood, D.S. 1980 Geologic map of the North Fork of the American River Wilderness Study Area and adjacent parts of the Sierra Nevada, California: U.S. Geological Survey Miscellaneous Field Studies Map MF-1177-A, scale 1:62,500.
- Harwood, D.S. 1983 Stratigraphy of Upper Paleozoic volcanic rocks and regional unconformities in part of the northern Sierra terrane, California: GSA Bulletin, v. 94, p. 413-422.
- Harwood, D.S. 1981 Geologic map of the Granite Chief Wilderness Study Area and adjacent parts of the Sierra Nevada, California: U.S. Geological Survey Miscellaneous Field Studies Map MF-1273-A, scale 1:62,500.
- Harwood, D.S. 1982 Geochemical maps of the Granite Chief Wilderness Study Area, California: U.S. Geological Survey Miscellaneous Field Studies Map MF-1273-B, scale 1:95,000.
- Harwood, D.S. 1983 Geologic and geochemical maps of the Rubicon Roadless Area, Placer and El Dorado Counties, California: U.S. Geological Survey Miscellaneous Field Studies Map MF-1501-A, scale 1:24,000.
- Harwood, D.S. 1988 Middle Paleozoic to Early Mesozoic tectonic evolution of the northern Sierra terrane, California [abs.]: GSA Abstracts with Programs, v. 20, p. 25.
- Harwood, D.S. (in press), Stratigraphy of Paleozoic and lower Mesozoic rocks in the northern Sierra terrane: U.S. Geological Survey Bulletin 195A.
- Harwood, D.S., Cather, E.E., and Scott, D.F. 1983 Mineral resource potential map of the Rubicon Roadless Area, Placer and El Dorado Counties, California: U.S. Geological Survey Miscellaneous Field Studies Map MF-1501-B, 4p., scale 1:24,000.
- Harwood, D.S., Federspiel, F.E., Cather, E.E., and Scott, D.F. 1982 Mineral resource potential map of the Granite Chief

- Wilderness Study Area, Placer County, California: U.S. Geological Survey Miscellaneous Field Studies Map MF-1273-C, 4p., scale 1:62,500.
- Harwood, D.S., Fisher, G.R., and Waugh, B.J., IN PRESS Geologic map of the Duncan Peak and southern part of the Cisco Grove Quadrangles, Placer and Nevada Counties, California: U.S. Geological Survey Miscellaneous Field Studies Map, scale 1:24,000.
- Harwood, D.S., Griscom, A., Federspiel, F.E., Leszczykowski, A.M., and Spicker, F.A. 1982 Mineral resource potential map of the North Fork of the American River Wilderness Study Area (RARE II No. 5-262), Placer County, California: U.S. Geological Survey Miscellaneous Field Studies Map MF-1177-C, 7p., scale 1:62,500.
- Harwood, D.S., Jayko, A.S., Harris, A.G., Silberling, N.J., and Stevens, C.H. 1988 Permian-Triassic rocks slivered between the Shoo Fly complex and the Feather River peridotite belt, northern Sierra Nevada, California [abs.]: GSA Abstracts with Programs, v. 20, p. 167-168.
- Harwood, D.S., and Fisher, G.R. 1984 Paleozoic rocks along the Sierran crest west of Lake Tahoe, California [abs.]: GSA Abstracts with Programs, v. 16, p. 531.
- Healey, D.L. 1976 Principle facts for gravity stations in the Nevada portion of the Walker Lake 1 x 2 Quadrangle: U.S. Geological Survey Open-File Report 76-60, 21p.
- Healey, D.L., Wahl, R.R. and Currey, F.E. 1980 Complete Bouguer gravity map of the Nevada part of the Walker Lake 1 x 2 Quadrangle: U.S. Geological Survey Open-File Report 80-519, 45 p., scale 1:250,000.
- Healey, D.L., Wahl, R.R. and Oliver, H.W. 1980 Bouguer gravity map of Nevada, Death Valley sheet: Nevada Bureau of Mines and Geology Map M69, scale 1:250,000.
- Heney, T.L. and Palmer, D.F. 1974 Magnetic studies on Lake Tahoe, California-Nevada: GSA Bulletin, v. 85, p. 1907-1912.
- Heney, T.L., and Lee, T.C. 1976 Heat flow in Lake Tahoe, California-Nevada, and the Sierra Nevada-Basin and Range transition: GSA Bulletin, v. 87, p. 1179-1187.
- Hetland, D.L. 1955 Preliminary report on the Buckhorn claims, Washoe County, Nevada, and Lassen County, California: U.S. Atomic Energy Commission, RME-2039 (Pt. 1), Fig. 2, scale 1:800.
- Hewett, D.F. 1956 Geology and mineral resources of the Ivanpah Quadrangle, California Nevada: U.S. Geological Survey Professional Paper 275, 172p.
- Heyl, A.V., and Bozong, C.N. 1964 Oxidized zinc districts in California and Nevada: U.S. Geological Survey Mineral Investigations Resource Map MR-39, 6p., scale 1:750,000, 2 sheets.
- Heyl, G.R. 1945 Grayhouse area, Amador County, California: U.S. Geological Survey Open-File Report 45-24, Map, scale 1:24,000.
- Hietanen, A. 1973 Geology of the Pulga and Bucks Lake

- Quadrangles, Butte and Plumas Counties, California: U.S. Geological Survey Professional Paper 731, 66p.
- Hietanen, A. 1976 Metamorphism and plutonism around the Middle and South Forks of the Feather River, California: U.S. Geological Survey Professional Paper 920, 30p.
- Hietanen, A. 1977 Paleozoic-Mesozoic boundary in the Berry Creek Quadrangle, northwestern Sierra Nevada, California: U.S. Geological Survey Professional Paper 1027, 22p.
- Hietanen, A. 1981 Petrologic and structural studies in the northwestern Sierra Nevada, California: U.S. Geological Survey Professional Paper 1226-A-C, plate 1, scale 1:48,000.
- Higgins, C.T. 1977 Geology of the Twins Peaks area, Lake Tahoe region, California, with a survey of geologic hazards: University of California, Davis, M.S. Thesis.
- Hildenbrand, T.A. and Kucks, R.P. 1988 Total intensity magnetic anomaly map of Nevada Nevada Bureau of Mines and Geology Map 93A, scale 1:750,000.
- Hill, J.M. 1915 Some mining districts in northeastern California and northwestern Nevada: U.S. Geological Survey Bulletin 594, p. 153-155.
- Hill, J.M. 1911 Notes on the economic geology of the Ramsey, Talapoosa, and White Horse mining districts, in Lyon and Washoe Counties, Nevada: U.S. Geological Survey Bulletin 470, p. 99-108.
- Hill, J.M. 1915 Some mining districts in northeastern California and northwestern Nevada: U.S. Geological Survey Bulletin 594, plate 19, scale 1:125,000.
- Hill, P.L. 1986 Bibliographies and locations of aeromagnetic and aeroradiometric publications for the states west of approximately 104° longitude (exclusive of Alaska and Hawaii): U.S. Geological Survey Open-File Report 86-525-A, 130p.
- Hoffman, F. 1969 The geology of the Black Mountain area, Mineral Co., Nevada: University of Nevada, Reno, M.S. Thesis, 54 p., geologic map, scale 1:24,000.
- Hoover, D.B., Batzle, Michael, and Rodriguez, Rudy 1975 Self-potential map, Steamboat Hills, Nevada: U.S. Geological Survey Open-File Report 75-446, scale 1 in. = approx. 0.5 mi.
- Hoover, D.B., O'Donnell, J., Batzle, M., and Rodriguez, R. 1975 Telluric profiles, Steamboat Hills, Nevada: U.S. Geological Survey Open-File Report 75-445, scale 1 in. = approx. 0.5 mi.
- Howard, K.L., Jr. 1976 Geology of the Yerington Mine, Lyon County, Nevada [abs.]: Economic Geology, v. 71, p. 700.
- Howell, D.G., and McDougall, K.A. (eds.) 1978 Mesozoic paleogeography of the western United States: Pacific Coast Paleogeography Symposium 2: Society of Economic Paleontologists and Mineralogists, 573p.
- Huber, N.K. 1983 Preliminary geologic map of the Pinecrest quadrangle, central Sierra Nevada, California: U.S. Geological Survey Miscellaneous Field Studies Map MF-1437,

scale 1:62,500.

- Huber, N.K. and Rinehart, C.D. 1965 Geologic map of the Devils Postpile Quadrangle, Sierra Nevada, California: U.S. Geological Survey Geologic Quadrangle Map GQ-437.
- Huber, N.K., compiler 1983 Preliminary geologic map of the Dardanelles Cone quadrangle, central Sierra Nevada, California: U.S. Geological Survey Miscellaneous Field Studies Map MF-1436, scale 1:62,500.
- Hudson, D.M. 1977 Reconnaissance Geology of the Buckskin Range, Nevada, Conoco Minerals Buckskin Project: Nevada Bureau of Mines and Geology, unpublished mining district files no. 35, item 15, 36p.
- Hudson, D.M. 1979 Buckskin Project Alteration, Conoco Minerals Buckskin Project: Nevada Bureau of Mines and Geology, unpublished mining district files, no. 35, item 15. 7p., maps.
- Hudson, D.M. 1983 Alteration and Geochemical characteristics of the upper Parts of Selected Porphyry Systems, Western Nevada: University of Nevada, Reno, Ph.D. Thesis, 94p.
- Hudson, D.M. 1978 Reconnaissance exploration geology of the southern Pine Nut Range and part of the Wellington Hills, Douglas County, Nevada: Conoco Company Report, 43p., plus maps.
- Hudson, D.M. 1977 Geology and Alteration of the Wedekind and part of the Peavine Districts, Washoe County, Nevada: University of Nevada, Reno, M.S. Thesis, 102p.
- Hudson, D.M. 1986 The Comstock district, Storey County, Nevada; Field trip guide no. 4: Geological Society of Nevada, 1986 meeting, 13p.
- Hudson, D.M. and Oriel, W.M. 1980 Geologic map of the Buckskin Range: Nevada Bureau of Mines and Geology Map M-64 scale 1:18,000.
- Hudson, F.S. 1948 Donner Pass zone of deformation, Sierra Nevada, California: GSA Bulletin, v. 59, p. 795-800, scale 1:62,500.
- Hudson, F.S. 1951 Mount Lincoln-Castle Peak area, Sierra Nevada, California: GSA Bulletin, v. 62, p. 931-952.
- Hunter, R.D. 1976 Volcanic stratigraphy and structural control of mineralization in the northeastern portion of the Patterson district, Mono County, California: University of California, Riverside, M.S. Thesis, 135p.
- Hurley, B.W. and others 1982 National Uranium Resource Evaluation, Reno 1 x 2 Quadrangle, Nevada and California: U.S. Department of Energy Report PGJ/F-037(82), v. 1 and 2, 51 p., map scale 1:250,000, 14 sheets.
- Hyatt, A. 1892 Jura and Trias at Taylorville, California: GSA Bulletin, v. 3 p. 395-412.
- Imlay, R.W. 1968 Lower Jurassic (Pliensbachian and Toarcian) ammonites from eastern Oregon and California: U.S. Geological Survey Professional Paper 593, 51p.
- Imlay, R.W., 1961 Late Jurassic ammonites from the western Sierra Nevada, California: U.S. Geological Survey Professional Paper 374D, p. D1-D30.

- Ingersoll, R.V., and Schweickert, R.A. 1986 A plate-tectonic model for Late Jurassic ophiolite genesis, Nevadan orogeny and forearc initiation, northern California: *Tectonics*, v. 5, p. 901-912.
- Irwin, W.P. 1966 Geology of the Klamath Mountains province; in: California Division of Mines and Geology Bulletin 190, p. 19-38.
- Irwin, W.P. 1972 Terranes of the western Paleozoic and Triassic belt in the southern Klamath Mountains, California: U.S. Geological Survey Professional Paper 800C, p. C103-C111.
- Irwin, W.P. 1977 Review of Paleozoic rocks of the Klamath Mountains, in Stewart, J.H., Stevens, C.H., and Fritsche, A.E., eds., *Paleozoic paleogeography of the western U.S.: Pacific Section Society of Economic Paleontologist and Mineralogist*, p. 441-454.
- Jackson, W.H., Shawe, F.R., and Pakiser, L.C. 1961 Gravity study of the structural geology of Sierra Valley, California, in *Geological Survey Research 1961: U.S. Geological Survey Professional Paper 424-B*, p. B254-B256.
- James, O.B. 1971 Origin and emplacement of the ultramafic rocks of the Emigrant Gap area, California: *Journal of Petrology*, v. 12, p. 3, p. 523-560.
- James, O.F.B. 1967 Origin and emplacement of the ultramafic rocks of Emigrant Gap area, California: Stanford University, Ph.D. Thesis, 205p.
- Janda, R.J., and Birkeland, P.W. 1973 Reconnaissance survey of the factors of soil formation and the clay mineralogy of soils developed from Pleistocene glacial deposits of the eastern Sierra Nevada: U.S. Geological Survey Open-File Report 73-130, 80p.
- Jenkins, O.P. 1948 Copper in California: California Division of Mines Bulletin 144, 429p., 61 plates.
- Jennings, C.W., Strand, R.G. and Rogers, T.H. 1977 Geologic map of California: California Division of Mines and Geology, scale 1:750,000.
- Jennings, C.W., and Strand, R.G. 1963 Index to graduate theses on California geology to December 31, 1961: California Division of Mines and Geology Special Report 74, 39p.
- John, D.A. 1983 Map showing distribution, ages, and petrographic characteristics of Mesozoic plutonic rocks in the Walker Lake 1 x 2 Quadrangle, California and Nevada: U.S. Geological Survey Miscellaneous Field Studies Map MF-1382-B, scale 1:250,000.
- John, D.A., Armin, R.A., Plouff, D., Chaffee, M.A., Peters, T.J., Scott, D.F., and others 1983 Mineral resource potential map of the Freel and Dardanelles Roadless Areas, Alpine and El Dorado Counties, California: U.S. Geological Survey Miscellaneous Field Studies Map MF-1322-C, 6p., scale 1:62,500.
- John, D.A., Armin, R.A., and Moore, W.J. 1981 Geologic map of the Freel and Dardanelles further planning areas, Alpine and El Dorado Counties, California, with Quaternary geology by J.C.

- Dohrenwend: U.S. Geological Survey Miscellaneous Field Studies Map MF-1322-A, scale 1:62,500.
- John, D.A., Chaffee, M.A., and Stebbins, S.A. 1983 Mineral resource potential map of the Lincoln Creek Roadless Area, Douglas County, Nevada: U.S. Geological Survey Miscellaneous Field Studies Map MF-1545, scale 1:62,500.
- John, D.A., Giusso, J., Moore, W.J., and Armin, R.A. 1981 Reconnaissance geologic map of the Topaz Lake 15 minute quadrangle, California and Nevada: U.S. Geological Survey Open-File Report 81-273, scale 1:62,500.
- John, D.A., Giusso, James, Moore, W.J., Armin, R.A., and Dohrenwend, J.C. 1981 Reconnaissance geologic map of the Topaz Lake 15' quadrangle, California-Nevada: U.S. Geological Survey Open-File Report 81-273, scale 1:62,500.
- Johnson, B.K. 1957 Geology of a part of the Manly Peak quadrangle, southern Panamint Range, California: California University Publications in Geological Sciences, v. 30, p. 353-424.
- Johnson, F.T., and Ricker, Spangler 1948 Ione-Carbondale clays, Amador County, California: U.S. Bureau of Mines, Reports of Investigation 4213, Fig. 1, scale 1:16,000.
- Johnson, J.L., ed. 1987 Bulk mineable precious metal deposits; Guidebook for field trips: Geological Society of Nevada, 1987 Symposium, 418p.
- Johnson, J.M. 1978 Geology and mineralization of the Marietta area, Mineral County, Nevada: University of Nevada, Reno, M.A. Thesis, 56p.
- Johnson, R.C. 1977 Geological investigation and ore reserve estimation of the Copper Chief (Ruby Hill) mine, Douglas County Nevada: University of Nevada, Reno, M.S. Thesis 1142, 32p.
- Johnson, R.F. 1951 Geology of the Masonic mining district, Mono County, California: California University, Berkeley, M.A. Thesis, 50p.
- Johnston, W.D., Jr. 1940 Gravity section across the Sierra Nevada: GSA Bulletin, v. 51, p. 1391-1396.
- Jones, D.L. and Moore, J.G. 1973 Lower Jurassic ammonite from the south-central Sierra Nevada, California: U.S. Geological Survey Journal of Research, v. 1, p. 453-458.
- Jones, D.L., Blake, M.C., Jr. and Rangin, C. 1976 The four Jurassic belts of northern California and their significance to the geology of the southern borderland: Pacific Section, AAPG Miscellaneous Publication 24, p. 343-362.
- Jones, J.C. 1920 Ludwig Mine [Lyon County, Nevada], in Stone, J.W., ed., Gypsum deposits of the United States: U.S. Geological Survey Bulletin 697, p. 153-155.
- Keith, W.J., Dohrenwend, J.C., Giusso, J.R., and John, D.A. 1982 Geologic map of the Carson-Iceberg and Leavitt Lake Roadless Areas, central Sierra Nevada, California: U.S. Geological Survey Miscellaneous Field Studies Map MF-1416-A, scale 1:62,500.
- Kemp, W.R. and Garcia, M.O. 1976 Klamath and Sierra Nevada

- Jurassic volcanic arc [abs.]: International Geological Congress, Resumes, No. 25, v. 1, sec. 4, p. 168-169.
- Kerr, P.F. 1936 The tungsten mineralization at Silver Dyke, Nevada: Nevada Bureau of Mines and Geology Bulletin 28, 76p.
- Kerrick, D.M. 1960 Contact metamorphism in some areas of the Sierra Nevada, California: GSA Bulletin, v. 81, p. 2913-2937.
- Kilbreath, S. 1975 Drill log of hole PS-1, Conoco Pepper Spring Prospect, Mineral County, Nevada: Nevada Bureau of Mines and Geology unpublished mining district files, no. 208, item 20, 15 p.
- Kilbreath, S. 1975 Weekly drilling summary of hole 1, Conoco Pepper Spring Prospect, Mineral County, Nevada: Nevada Bureau of Mines and Geology, unpublished mining district file, no. 208, item 20, 6p., scale 1 in = 50 ft.
- Kilbreath, S. and Brewer, W. 1974 Company geologic report of the Conoco Pepper Spring Prospect, Mineral County, Nevada: Nevada Bureau of Mines and Geology, unpublished mining district file, no. 208, item 20, 5p., geologic maps with cross sections, alteration and mineralization overlays, scale 1 in = 500 ft., 5 sheets.
- Kilbreath, S.P. 1974 Conoco Waterhole Project, geologic mapping: Nevada Bureau of Mines and Geology, unpublished mining district files, no. 203, item 6, 3p.
- Kilbreath, S.P. 1975 Weekly drilling summary of hole no. PS-1, Conoco Pepper Spring Prospect, Mineral County, Nevada: Nevada Bureau of Mines and Geology, unpublished mining district file, no. 208, item 20, 8p.
- Kilbreath, S.P. 1979 Geology and mineralization of the Silver Dyke Mine, Mineral Co., Nevada: University of Nevada, Reno, M.S. Thesis, 91p.
- Kimball, R.D. 1967 Geology of the north-central part of the Donner Pass Quadrangle, Sierra and Nevada Counties, California: University of California, Davis, M.S. Thesis, 70p.
- Kirk, J. 1974 Geology and hydrology of an area north of Donner Lake, California: California State University, Fresno, M.A. Thesis.
- Kirkham, R.M. 1976 Environmental geology of the western Carson City, Nevada area: University of Nevada, Reno, M.S. Thesis, 97p.
- Kistler, R.W. 1966 Structure and metamorphism in the Mono Craters Quadrangle, Sierra Nevada, California: U.S. Geological Survey Bulletin 1221-E, 53p.
- Kistler, R.W. 1983 Isotope geochemistry of plutons in the northern Great Basin, in: The Role of Heat in the Development of Energy and Mineral Resources in the Northern Basin and Range Province: Geothermal Resources Council Special Report No. 13, p. 3-8.
- Kistler, R.W. 1978 Mesozoic paleogeography of California - A viewpoint from isotope geology, in Howell, D.G., and McDougall, K.A., eds., Mesozoic paleogeography of the

- western United States: Pacific Section, Society of Economic Paleontologists and Mineralogists, Pacific Coast Paleogeography Symposium 2, p. 75-84.
- Kistler, R.W. 1987 Lithosphere types in the Sierra Nevada [abs.]: GSA Abstracts with Programs, v. 19, p. 395.
- Kistler, R.W. and Lee, D.E. 1989 Rubidium, Strontium and Strontium Isotopic Data for a Suite of Granitoid Rocks from the Basin and Range Province, Arizona, California, Nevada and Utah (only used data in the Northwestern Nevada for ages in Oligocene and Miocene ages): U.S. Geological Survey Open-File Report 89-199.
- Kistler, R.W., 1990 Two different lithosphere types in the Sierra Nevada, California: GSA Memoir 174, p.271-281.
- Kistler, R.W., Evernden, J.F., and Shaw, H.R. 1971 Sierra Nevada plutonic cycle - Part 1, Origin of composite granitic batholiths: GSA Bulletin, v.82, p. 853-868.
- Kistler, R.W., Robinson, A.C., and Fleck, R.J. 1980 Mesozoic right-lateral fault in eastern California [abs.]: GSA Abstracts with Programs, v. 12, p. 115.
- Kistler, R.W., and Peterman, Z.E. 1973 Variations in Sr, Rb, K, Na and initial Sr87/Sr86 in Mesozoic granitic rocks and intruded wall rocks in central California: GSA Bulletin, v. 84, p. 3489-3511.
- Kleinhampl, F.J., Davis, W.E., Silberman, M.L., Chesterman, C.W., Chapman, R.H., and Gray, C.H., Jr. 1975 Aeromagnetic and limited gravity studies and generalized geology of the Bodie Hills region, Nevada and California: U.S. Geological Survey Bulletin 1384, 38p., scale 1:125,000.
- Kleinhampl, F.J., Fiebelkorn, J.B. and others 1984 Mineral occurrence map and tabulation of property names and commodity and production data, Walker Lake 1 x 2 Quadrangle, Calif. and Nevada: U.S. Geological Survey Miscellaneous Field Studies Map MF-1382, 11p., scale 1:250,000.
- Kleinhampl, F.J., and Silberman, M.L. 1968 Aurora district: U.S. Geological Survey Circular 621, p. 19.
- Klepper, M.R. 1955 Cowboy Tungsten Property, Pine Grove Hills, Lyon County [Nevada]: U.S. Geological Survey Open-File Report, 2p., scale 1 in. = 100 ft.
- Klinger, F.L. 1952 Andalusite-corundum mineralization near Hawthorne, Nevada: University of Wisconsin, M.A. Thesis, 31p.
- Knopf, A. 1918 Geology and ore deposits of the Yerington district, Nevada U.S. Geological Survey Professional Paper 114, 68p.
- Knopf, A. 1929 The Mother Lode system of California: U.S. Geological Survey Professional Paper 157, plate 2, scale 1:63,360.
- Knuepfer, P.L.K., Lemiszki, P.J., Hauge, T.A., and Oliver, J.E. 1985 Crustal structure of the northern Walker Lane from COCORP reflection profiling and its relation to seismicity [abs.]: Eos, Transactions, American Geophysical Union, v. 66, no. 46, p. 974.

- Knuepfer, P.L.K., and others 1987 Crustal structure of the Basin and Range - Sierra Nevada transition from COCORP deep seismic - reflection profiling: GSA Bulletin, v. 98, no. 4, p. 488-496.
- Koenig, B.A. 1981 Hawthorne study area, in Low-to-moderate temperature geothermal resource assessment for Nevada, area specific studies (introduction by D.T. Trexler, p. 1-10): U.S. Dept. of Energy Report S.O.D., E1.28: DOE/NV/10039-3, p. 11-82.(E1.99 for microfiche format).
- Koenig, J.B., compiler 1963 Geologic map of California-Walker Lake Sheet: California Division of Mines and Geology, scale 1:250,000.
- Kovach, L.A. 1984 Dynamics of magma ascent through the Sierra Nevada, California: John Hopkins University, Ph.D. Thesis, 306p.
- Kowalik, W.S. 1981 Atmospheric correction to Landsat data for limonite discrimination [Yerington mining district]: Stanford University, Ph.D. Thesis, 365p.
- Kral, V.E. 1947 Buena Vista iron deposit, Churchill County, Nevada: U.S. Bureau of Mines Report of Investigations 4094, Fig. 2, scale 1:24,000.
- Krauskopf, K.B. 1971 Geologic map of the Mount Barcroft quadrangle, California-Nevada: U.S. Geological Survey Geologic Quadrangle Map GQ-960.
- Lachenbruch, A.H. 1968 Preliminary geothermal model of the Sierra Nevada: Journal of Geophysical Research, v. 73, p. 6977-6989.
- Lahiff, H. 1896 Gold, Eldorado County: California Mining Bureau, 13th Report, Map, p. 131, scale 1:100,000.
- Lahren, M.M. and Schweickert, R.A. 1989 Proterozoic and Lower Cambrian miogeoclinal rocks of Snow Lake pendant, Yosemite-Emigrant Wilderness, Sierra Nevada, California: Evidence for major Early Cretaceous dextral translation: Geology, v. 17, p. 156-160.
- Lahren, M.M., Schweickert, R.A., Mattinson, J.M., and Walker, J.D. 1990 Evidence of uppermost Proterozoic to Lower Cambrian miogeoclinal rocks and the Mojave-Snow Lake fault: Snow Lake pendant, central Sierra Nevada, California: Tectonics, v. 9, p. 1585-1608
- Lambeth, R.H., Campbell, H.W., Scott, D.F., and Spear, J.M. 1983 Mineral investigation of the Sweetwater Rare II Area (no. 4-657), Mono County, California, and Douglas and Lyon Counties, Nevada: U.S. Bureau of Mines Report MLA 69-83, 34p., sample location map, scale 1 in. = 1 mi.
- Langenheim, R.L., Jr., and Larson, E.R. 1973 Correlation of Great Basin stratigraphic units: Nevada Bureau of Mines and Geology Bulletin 72, 36 p., 3 stratigraphic section charts.
- Lanphere, M.A., Irwin, W.P. and Hotz, P.E. 1968 Isotopic age of the Nevadan orogeny and older plutonic and metamorphic events in the Klamath Mountains, California GSA Bulletin, v. 79, p. 1027-1052.
- Laraya, R.G. 1973 Aeromagnetism in the search for porphyry copper

- deposits, Mineral County, Nevada: Stanford University, Ph.D. Thesis, 94p.
- Latham, T.S. 1988 Stratigraphy, structure, and geochemistry of Plio-Pleistocene volcanic rocks of the western Basin and Range Province, near Truckee, California: University of California, Davis, Ph.D. Thesis, 340p.
- Lawrence Livermore Laboratory 1976 Hydrochemical and stream sediment survey (NURE), Preliminary report on the Walker River Basin Study (California/Nevada): U.S. Energy Research and Development Administration, GJBX-40(76), Open File Report, 104p.
- Lawrence, E.F. 1969 Geological and geophysical investigations of the mineral deposits of the Calico area, Mineral County, Nevada: University of California, Riverside, Ph.D. Thesis, 112p.
- Lawrence, E.F. and Redmond, R.L. 1967 Exploration of the Calico area, Walker River Indian Reservation, Mineral County, Nevada: Society of Mining Engineers of A.I.M.E., preprint no. 67-I-311, 27p.
- Lawrence, E.F. and Wilson, W.L. 1966 Exploration of the Hottentot prospect, Walker River Indian Reservation, Nevada: Nevada Bureau of Mines and Geology Report 13, pt. A, p. 143-158.
- Laws, R.A. 1982 Late Triassic depositional environments and molluscan associations from west-central Nevada: Palaeogeography, Palaeoclimatology, Palaeoecology, v. 37, no. 2-4, p. 131-149.
- Laws, R.A. 1978 Paleoecology of Late Triassic faunas from Mineral County, Nevada and Shasta County, California: University of California, Berkeley, M.S. Thesis.
- Lemaire, D.B. 1954 The metallurgy of the Divide [mine] tungsten ore: University of Nevada, Reno, M.S. Thesis, 37p.
- Lemiszki, P.J., Knuepfer, P.L.K., Hauge, T.A., Brown, L.D., Oliver, J.E., and Kaufman, S. 1985 Crustal structure of the Basin and Range - Sierra Nevada transition from COCORP seismic reflection profiling [abs.]: Eos, Transactions, American Geophysical Union, v. 66, p. 979.
- Lemmon, D.M., Beatty, M.E., and Stagner, H.R. 1943 Tungsten deposits near Dorothy Lake, Yosemite National Park: U.S. Geological Survey Preliminary Map, Fig. 2, scale 1:600.
- Leveson, D.J. 1973 Origin of comb layering and orbicular structure, Sierra Nevada Batholith, California - Discussion: GSA Bulletin, v. 84, p. 4005-4006.
- Lindgren, W. 1896 Description of the Pyramid Peak quadrangle, California: U.S. Geological Survey Geologic Atlas, Folio 31, Map, scale 1:125,000.
- Lindgren, W. 1897 Description of the Truckee quadrangle, California: U.S. Geological Survey Geologic Atlas, Folio 39, Map, scale 1:125,000.
- Lindgren, W., and Turner, H.W. 1894 Description of the Placerville quadrangle, California: U.S. Geological Survey Geologic Atlas, Folio 3, Map, scale 1:125,000.
- Little, J.M. 1942 Tungsten deposits of the Confidence mining

- district, Tuolumne County, California: California Division of Mines Journal of Mines and Geology, v. 38, nos. 3-4, plate 8, scale 1:12,000.
- Loeltz, O.J. and Eakin, T.E. 1953 Geology and water resources of Smith Valley, Lyon and Douglas Counties, Nevada: U.S. Geological Survey Water Supply paper 1228, 89p., geologic map.
- Logan, C.A. 1925 Ancient channels of the Duncan Canyon region, Placer County: California Mining Bureau Report 21, Map, p. 276, scale 1:24,000.
- Logan, C.A. 1934 The Mother Lode gold belt: California Division of Mines Bulletin 108, map, scale 1:62,500.
- Logan, C.A., and Franke, H.A. 1936 Mines and mineral resources of Calaveras County: California Division of Mines, Journal of Mines and Geology, v. 32, no. 1, plate 5, scale 1:6,000.
- Long, C.L., and Brigham, R.H. 1975 Audio-magnetotelluric data and station location map, Steamboat Hills, Nevada: U.S. Geological Survey Open-File Report 75-447, 6p, scale 1 in.= approx. 0.5 mi.
- Long, C.L., and Brigham, R.H. 1975 Audio-magnetotelluric data log for Wabuska, Nevada: U.S. Geological Survey Open-File Report 75-444, 6p, station location map, scale 1:62,500.
- Long, R.C. 1975 Company geologic report of the Conoco Pepper Spring Prospect, Mineral County, Nevada: Nevada Bureau of Mines and Geology, unpublished mining district files, no. 208, item 20, 3p.
- Long, R.C. 1975 The Lebo prospect [general geology]; Conoco Lebo Project, Douglas County, Nevada: Nevada Bureau of Mines and Geology unpublished mining district file, no. 265, item 6, 9p., geologic and geochemical maps, scale 1 in.= 2,000 ft., 4 sheets.
- Loomis, A.A. 1961 Petrology of the Fallen Leaf Lake area, California: Stanford University, Ph.D. Thesis, 121p.
- Loomis, A.A. 1963 Noritic anorthosite bodies in the Sierra Nevada Batholith: Mineralogical Society of America Special Paper 1, p. 62-68.
- Loomis, A.A. 1966 Contact metamorphic reactions and processes in the Mt. Tallac roof remnant, Sierra Nevada, California: Journal of Petrology, v. 7, p. 221-245.
- Loomis, A.A. 1961 Contact metamorphism of the Mt. Tallac roof remnant, Fallen Leaf Lake Quadrangle, California [abs.]: GSA Special Paper 68, p. 39.
- Loomis, A.A. 1962 Intrusive rocks of the Fallen Leaf Lake Quadrangle, Sierra Nevada, California [abs.]: GSA, Cordilleran Section, 58th Annual Meeting, p. 47.
- Loomis, A.A. 1983 Geology of the Fallen Leaf Lake 15-minute quadrangle, El Dorado County: California Division of Mines and Geology, Map Sheet MS-32., scale 1:62,500.
- Luethe, R.D. 1974 Petrology of the Ryan Canyon stock, Mineral County, Nevada: University of Nevada, Reno, M.S. Thesis, 88p.
- Lydon, P.A., ed. 1962 Guidebook to the annual field trip (U.S.

- Highway 40, Sacramento to Reno, Dixie Valley, and Sand Springs Range, Nevada): Geological Society of Sacramento, June 9 & 10, 1962, 89p.
- Lyon, R.J.P. Correlation between ground metal analysis, vegetation reflectance, and ERTS brightness over a molybdenum skarn deposit, Pine Nut Mountains, Western Nevada: International Symposium on Remote Sensing in the Environment Proceeding, no. 10, vol 2, p.1031-1044.
- Maldonado, F. 1988 Geometry of normal faults in the upper plate of a detachment fault zone, Bullfrog Hills, Southern Nevada, [abs.]: GSA Abstracts with Programs, v. 20, no. 3, p. 178.
- Maldonado, F. 1985 Late tertiary detachment faults in the Bullfrog Hills, Southwestern Nevada, [abs.]: GSA, Abstracts with Programs, v. 17, no. 7, p. 651.
- Maldonado, F., Spengler, R.W., Hanna, W.F. and Dixon, G.L. 1988 Index of granitic rock masses in the state of Nevada: U.S. Geological Survey Bulletin 1831, 81 p., aeromagnetic map, scale 1:750,000. [supersedes U.S. Geological Survey, Open-File Report 79-235].
- Marguerian, C., and Schweikert, R.A. 1987 Paleozoic gneissic granitoids in the Shoo Fly Complex, central Sierra Nevada, California: Geological Society of America Bulletin, v. 99, p. 699-717, fig. 3, scale 1:32,000.
- Mariner, R.H., Presser, T.S., and Evans, W.C. 1977 Hot springs of the central Sierra Nevada, California: U.S. Geological Survey Open-File Report 77-559, 37p.
- Martin, A.H. 1909 The Bullfrog mining district of Nevada: The Mining World, vol. 31, p. 1157.
- Matson, E.J. 1952 MacArthur copper deposit, Lyon County, Nevada: U.S. Bureau of Mines, Reports of Investigations 4906, 47p.
- Matthews, R.A. 1968 Geologic map of Lake Tahoe - northern half [California]: California Division of Mines and Geology Open-File Report.
- Maurer, D.K. 1984 Hydrogeology of Carson Valley, Nevada: in Western Geological Excursion, v. 3, p. 127-129.
- Maurer, D.K. 1984 Major structural features of Eagle Valley, Nevada in Western geological excursions: 1984 Annual Meeting of GSA, v. 3, p. 125-127.
- Maurer, D.K. 1985 Gravity survey and depth to bedrock in Carson Valley, Nevada-California: U.S. Geological Survey WRI-84-4202, 20p., scale 1:62,500, 2 sheets.
- Maurer, D.K. [investigator] 1981 Gravity survey completed in Carson Valley, Nevada, in Geologic and hydrologic principles, processes, and techniques: U.S. Geological Survey Professional Paper 1275, p. 125.
- Mavko, B.B., and Thompson, G.A. 1983 Crustal and upper mantle structure of the northern and central Sierra Nevada: Journal of Geophysics, v. 88, p. 5874-5892.
- McAllister, J.F. 1956 Geology of the Ubehebe Peak Quadrangle, California: U.S. Geological Survey Geologic Quadrangle Map GQ-95.
- McCrae, R. 1953 Geology and petrography of a portion of the Reno

- quadrangle: Compass, v. 30, no. 2, fig. 2, p. 88-94, scale 1:6000.
- McDanal, S.K., Speckman, W.S. and Chaffee, M.A. 1981 Spectrographic and chemical analysis of rock, stream-sediment and concentrate samples from the Walker Lake 1 x 2 Quadrangle, California and Nevada: National Technical Information Service, NTIS # PB81-233967 (magnetic tape).
- McJannet, G.S. 1957 Geology of the Pyramid Lake-Red Rock Canyon area, Washoe County, Nevada: University of California, Los Angeles, M.A. Thesis, 125p.
- McKee, E.H. 1983 Reset K-Ar ages, evidence for three metamorphic core complexes, western Nevada: Isochron/West, no. 38, p. 17-20.
- McKee, E.H. 1971 Tertiary Igneous Chronology of the Great Basin of Western United States - Implications for Tectonic Models: GSA Bulletin, v. 82, p. 3497-502.
- McKee, E.H. and Klock, P.R. 1984 K-Ar ages of Cenozoic volcanic rocks, Walker Lake 1 x 2 Quadrangle, Eastern California and Western Nevada: Isochron/West, no. 40, p. 9-11.
- McKee, E.H. and Nash, D.B. 1967 Potassium-argon ages of granitic rocks of the Inyo batholith, east-central California: GSA Bulletin, v. 78, p. 669-680.
- McKee, E.H., Noble, D.C., Hedge, C.E. and Bonham, H.F. 1972 Strontium Isotopic Composition of Some Early Miocene Rhyolitic Tuffs and Lavas from Northwestern Part of the Great Basin: U.S. Geological Survey Professional Paper 800-D, p. D99-D102.
- McKee, E.H., Noble, D.C., and Silberman, M.L. 1970 Middle Miocene hiatus in volcanic activity in the Great Basin of the Western United States: Earth and Planetary Science Letters, v. 8, p. 93-96.
- McKee, E.H., and Howe, R.A. 1981 Geologic map of the Mokelumne Wilderness and contiguous RARE-II Further Planning Areas, central Sierra Nevada, California: U.S. Geological Survey Miscellaneous Field Studies Map MF-1201-A, scale 1:250,000.
- McKinney, D.B. 1985 Origin of the comb layered and orbicular rocks near Fisher Lake, Sierra Nevada Batholith, California: John Hopkins University, Ph.D. Thesis, 323p.
- McKinney, R.F. 1976 Environmental geology of southeast Carson City, Nevada: University of Nevada, Reno, M.S. Thesis, 135p.
- McLaughlin, R.P. 1919 Mono County: California Mining Bureau Report 15, plate 1, scale 1:160,000.
- McLeod, R. L., and Stanton, R. L., 1984 Phyllosilicates and associated minerals in some Paleozoic stratiform sulfide deposits of southeastern Australia: Economic Geology, v. 79, no. 1, p. 1-22.
- McMath, V.E. 1966 Geology of the Taylorsville area, northern Sierra Nevada, California: California Division of Mines and Geology Bulletin 190, p. 173-183.
- Mergner, M. 1978 The geology of Long Valley, Lassen County, California and Washoe County, Nevada: Colorado School of Mines, M.S. Thesis, 59p.

- Merriam, C.W. 1963 Geology of the Cerro Gordo mining district, Inyo County, California: U.S. Geological Survey Professional Paper 408, 83p.
- Miller, C.F. 1977 Early alkalic plutonism in the calc-alkalic batholithic belt of California: *Geology*, v. 5, p. 685-688.
- Miller, C.F. 1978 An Early Mesozoic alkalic magmatic belt in western North America, in Howell, D.G., and McDougall, K.A., eds., *Mesozoic paleogeography of the western United States: Society of Economic Paleontologists and Mineralogists, Pacific Section, Pacific Coast Paleogeography Symposium 2*, p. 163-173.
- Miller, D.M. 1983 Mesozoic metamorphism and low-angle faults in the hinterland of Nevada linked to Sevier-belt thrust [abs.]: *GSA Abstracts with Programs*, v. 15, no. 6, p. 644.
- Miller, M.M., and Harwood, D.S. 1989 Mid-Paleozoic to mid-Mesozoic basinal arc successions; comparison of the eastern Klamath and northern Sierra terranes, California [abs.]: *GSA Abstracts with Programs*, v. 21, p. 117-118.
- Miller, M.M., and Harwood, D.S. 1989 Paleozoic and Early Mesozoic paleogeographic relations between the Klamath Mountains, northern Sierra Nevada, and western North America: *Geology*, v. 17, p. 369-372.
- Moody, C.L. 1917 Breccias of the Mariposa formation in the vicinity of Colfax: California University, Department of Geological Sciences Bulletin, v. 10, plate 28, scale 1:40,000.
- Moore, J.G. 1969 Geology and mineral resources of Lyon, Douglas and Ormsby Counties, Nevada: Nevada Bureau of Mines and Geology Bulletin 75, 45p., scale 1:250,000.
- Moore, J.G. 1960 Mesozoic age of roof pendants in west-central Nevada: U.S. Geological Survey Professional Paper 400B, p. B285-B289.
- Moore, J.G. 1961 Preliminary geologic map of Lyon, Douglas, Ormsby, and part of Washoe counties, Nevada: U.S. Geological Survey Miscellaneous Field Studies Map MF-80, scale 1:200,000.
- Moore, J.G. 1952 The geology of the Mount Rose area, Nevada: University of Washington, Seattle, M.S. Thesis, 87p.
- Moore, J.G. 1952 Geology of the Mount Rose area, Nevada: U.S. Geological Survey Open-File Report 52-100, plate 1, scale 1:48,000.
- Moore, J.G. and Peck, D.L. 1962 Accretionary lapilli in volcanic rocks of the western continental United States: *Journal of Geology*, v. 70, p. 182-193.
- Moore, J.G., and Lockwood, J.P. 1973 Origin of comb layering and orbicular structure, Sierra Nevada Batholith, California: *GSA Bulletin*, v. 84, p. 1-19.
- Moores, E.M. 1972 Model for Jurassic island arc-continental margin collision in California [abs.]: *GSA Abstracts with Programs*, v. 4, p. 202.
- Moores, E.M., and Day, H.W. 1983 The Nevadan Orogeny - An alpine analogy for an arc-continent collision [abs.]: *GSA Abstracts*

- with Programs, v. 15, p. 646.
- Morahan, G.T. 1977 Structural relationships of the Paleozoic and Mesozoic rocks, northeastern Placer County, California: Texas Tech University, Lubbock, M.S. Thesis.
- Morgan, B.A. and Rankin, D.W. 1972 Major structural break between Paleozoic and Mesozoic rocks in the eastern Sierra Nevada, California: GSA Bulletin, v. 83, p. 3739-3744.
- Morgenthaler, J.D. 1984 Index to graduate theses and dissertations of California geology 1979 through 1982: California Geology, v. 37, p. 99-110.
- Morris, H.C. 1903 Hydrothermal activity in the veins at Wedekind [district], Nevada: Engineering and Mining Journal, v. 76, p. 275-276.
- Morrison, R.B. 1964 Lake Lahontan: Geology of the southern Carson Desert, Nevada: U.S. Geological Survey Professional Paper 401, plate 3, scale 1:31,680.
- Mottern, H.H. 1962 Pre-Tertiary geology of a portion of the Cedar Mountains, Nevada: Berkley, University of California, M.A. Thesis, 64p.
- Muller, S.W. and Ferguson, H.G. 1939 Mesozoic Stratigraphy of the Hawthorne and Tonopah Quadrangles, Nevada: GSA Bulletin, v. 50, no. 10, p. 1573-1624.
- Muller, S.W. and Ferguson, H.G. 1936 Triassic and Lower Jurassic formations of west central Nevada: GSA Bulletin, v. 47, p. 241-251. [Hawthorne and Tonopah 60' Quadrangle.
- Murphy, T.P., and Moores, E.M. 1985 Two ophiolitic, tectonostratigraphic terranes in the western Central Belt, northern Sierra Nevada, California [abs.]: GSA Abstracts with Programs, v. 17, p. 372.
- Nathenson, M. 1989 Chemistry of Lake Tahoe, California-Nevada, and nearby springs: U.S. Geological Survey Open-File Report 88-641, 27p.
- Nehring, N.L. 1980 Geochemistry of Steamboat Springs, Nevada: U.S. Geological Survey Open-File Report 80-887, 61p.
- Neilson, R.L. 1965 Right-lateral strike-slip faulting in the Walker Lane, west-central Nevada: GSA Bulletin v. 76, no. 11, p. 1301-1308.
- Nelson, K.D., Zhu, T.F., Gibbs, A., Harris, R., Oliver, J.E., Kaufman, S. and Brown, L. 1986 COCORP deep seismic reflection profiling in the northern Sierra Nevada, California: Tectonics, v. 5, p. 321-333.
- Nelson, P.H., Hansen, W.H., and Sweeney, M.J. 1982 Induced-polarization response of zeolitic conglomerate and carbonaceous siltstone: Geophysics, v. 47, no. 1, p. 71-88.
- Nevada Bureau of Mines and Desert Research Institute 1963 Geological, geophysical, chemical, and hydrological investigations of the Sand Springs Range, Fairview Valley, and Fourmile Flat, Churchill County, Nevada: U.S. Atomic Energy Commission, Division of Technical Information, Vela Uniform Program, Project Shoal, Final Report VUF-1001, plate 3, scale 1:31,680.
- Nevada Bureau of Mines and Geology 1977 Areomagnetic map of

- Nevada - Reno sheet: Nevada Bureau of Mines and Geology Map 54, scale 1:250,000.
- Nevada Bureau of Mines and Geology 1974 Areomagnetic maps of Nevada - Vya sheet: Nevada Bureau of Mines and Geology Map 48, scale 1:250,000.
- Nichols, K.M. and Silberling, N.J. 1977 Stratigraphy and depositional history of the Star Peak Group (Triassic), northwestern Nevada: GSA Special Paper 178, 73p.
- Noble, D.C. 1962 Mesozoic geology of the southern Pine Nut Range, Douglas County, Nevada: Stanford University, Ph.D. Thesis, 200p.
- Noble, D.C. 1966 Structural state of relict calcium - bearing plagioclases of volcanic origin from metamorphosed and propylitically altered rocks: GSA Bulletin, v. 77, no. 5, p. 495-507.
- Noble, D.C. 1962 Geology of the Mesozoic rocks in the southern part of the Pine Nut Range, Douglas County, Nevada [abs.] in G.S.A. Abstracts for 1962: GSA Special Paper 73, p. 54.
- Noble, D.C., Chipman, D.W. and Giles, D.L. 1968 Peralkaline silicic volcanic rocks in Northwestern Nevada: Science, vo. 160, no. 3834, p. 1337-1338.
- Noble, D.C., Hedge, C.E., McKee, E.H. and Korringa, M.K. 1973 Reconnaissance Study of the Strontium Isotopic Composition of Cenozoic Volcanic Rocks in Northwestern Great Basin: GSA Bulletin, v. 84, p. 1393-1406.
- Noble, D.C., McKee, E.H. and Schweickert, R.A. 1973 K-Ar ages on post Early Jurassic granodiorite from the Southern Pine Nut Range, western Nevada: Isochron/West, no. 7, p. 3-4.
- Nowak, G. 1979 The geology and uranium occurrences of the Washington mining district, Lyon County, Nevada: University of Nevada, Reno, M.S. Thesis, 92p.
- Oldow, J.S. 1984 Evolution of a Late Mesozoic back-arc fold and thrust belt, northwestern Great Basin, U.S.A.: Tectonophysics, v. 102, p. 245-274.
- Oldow, J.S. 1976 Structural juxtaposition of allochthonous Triassic facies; Garfield Hills, western Nevada [abs.]: GSA Abstracts with Programs, v. 8, p. 401.
- Oldow, J.S. 1978 Triassic Pamlico Formation: an allochthonous sequence of volcanogenic-carbonate rocks in west-central Nevada: in Howell, D.G., and McDougall, K., eds., Mesozoic paleogeography of the western United States: Society of Economic Paleontologists and Mineralogists: Pacific Section, Pacific Coast Paleogeography Symposium 2, p. 223-235.
- Oldow, J.S. 1983 Late Mesozoic Luning-Fencemaker Thrust system of western Nevada: Regional extent and tectonic implications [abs.]: GSA Abstracts with Programs, v. 15, p. 294.
- Oldow, J.S. 1985 Preliminary geologic map of the Pamlico Quadrangle, Mineral County, Nevada: U.S. Geological Survey Miscellaneous Field Studies Map MF-1485, scale 1:24,000.
- Oldow, J.S. 1978 Structure and Kinematics of the Luning allochthon, Pilot Mountains, western Great Basin, USA: Evanston, Illinois, Northwestern University, Ph.D. Thesis,

206p.

- Oldow, J.S. 1981 Structure and stratigraphy of Luning allochthon and the kinematics of allochthon emplacement, Pilot Mountains, west-central Nevada: GSA Bulletin, v. 92, part 1, p. 888-911, part 2, p. 1647-1669
- Oldow, J.S. 1983 Tectonic implications of a late Mesozoic fold and thrust belt in northwestern Nevada: Geology, v. 11, p. 542-546.
- Oldow, J.S. and Geissman, J.W. 1982 Orogenic deformation in west-central Nevada reassessed; Evidence from paleomagnetic data [abs.]: Eos American Geophysical Union Transactions, v. 63, p. 309.
- Oldow, J.S. and Gelber, A.W. 1987 The Pine Nut fault zone, a Mesozoic transpressional fault system in west-central Nevada [abs.]: GSA, Cordilleran Section, Abstracts with Programs, 19(6), p. 437-438.
- Oldow, J.S. and others 1982 Mesozoic tectonic evolution of the western Cordillera [abs.]: GSA Abstracts with Programs, v. 14, p. 221.
- Oldow, J.S., Ave'Lallemant, H.G. and Schmidt, W.J. 1984 Kinematics of plate convergence deduced from Mesozoic structures in the western Cordillera: Tectonics, v. 3, no. 2, p. 201-227.
- Oldow, J.S., and Bartel, R.L. 1987 Early and Middle (?) Jurassic extensional tectonism in the western Great Basin: Growth faulting and synorogenic deposition of the Dunlap Formation: Geology, v. 15, p. 740-743
- Oldow, J.S., and Speed, R.C. 1985 Preliminary geologic map of the Mina NW Quadrangle, Mineral County, Nevada: U.S. Geological Survey Miscellaneous Field Studies Map MF-1487, scale 1:24,000.
- Oldow, J.S., and Steuer, M.R. 1985 Preliminary geologic map of the Mable Mountain Quadrangle, Mineral County, Nevada: U.S. Geological Survey Miscellaneous Field Studies Map MF-1486, scale 1:24,000.
- Oldow, J.S., and Steuer, M.R. 1978 Mesozoic folds and imbricate thrust nappes, eastern Garfield Hills, west-central Nevada [abs.]: GSA Abstracts with Programs, v. 10, p. 140.
- Oliver, A.A., III 1974 A gravity study of the Sonora Junction area, Mono County, California: Stanford University, M.S. Thesis, 40p.
- Oliver, H.W., Plouff, D., and Robbins, S.L. 1980 Bouguer gravity map of California - Walker Lake Sheet: California Division of Mines and Geology, scale 1:250,000.
- Oliver, H.W., Robbins, S.L., Rambo, W.L., and Everden, J.F. 1974 Preliminary Bouguer gravity map of the Chico 1x2 Quadrangle, California: U.S. Geological Survey Open-File Report 74-182, scale 1:250,000.
- Oliver, H.W., Robbins, S.L., Rambo, W.L., and Sikora, R.F. 1980 Bouguer gravity map of California - Chico 1 x 2 Quadrangle: California Division of Mines and Geology, scale 1:250,000.
- Oliver, H.W., Robbins, S.L., and Rambo, W.L., compilers 1973 Complete Bouguer gravity map of part of the Walker Lake 1x2

- Quadrangle, California and Nevada: U.S. Geological Survey Open-File Report 73-211, scale 1:250,000.
- Oliver, H.W., and Robbins, S.L. 1974 Preliminary Bouguer gravity map of the Sacramento 1x2 Quadrangle, California: U.S. Geological Survey Open-File Report 74-183, scale 1:250,000.
- Oliver, H.W., and others 1985 Bouguer gravity atlas of California - Sacramento 1 x 2 Quadrangle: California Division of Mines and Geology, scale 1:250,000.
- Oliver, H.W., ed. 1980 Interpretation of the gravity map of California and its continental margin: California Division of Mines and Geology Bulletin 205, 52p.
- Oriel, W.M. 1978 Exploration of enhanced sulfide mineralization at the Buckskin porphyry Copper prospects, maps, drill logs, and assays: Nevada Bureau of Mines and Geology, unpublished mining district files, no. 35, item 15.
- Osborne, M.A. 1985 Alteration and mineralization of the northern half of the Aurora mining district, Mineral County, Nevada: University of Nevada, Reno, M.S. Thesis, 93p.
- Overton, T.D. 1933 Geology 80 -student report - The Washoe [Galena] district: Nevada Bureau of Mines and Geology, unpublished mining district file, no. 312, item 8, 5p.
- Page, B.M. 1959 Geology of the Candelaria mining district, Mineral County, Nevada: Nevada Bureau of Mines and Geology Bulletin 56, 64p., 1 in. = 400 ft.
- Page, B.M. 1965 Preliminary geologic map of part of Stillwater Range, Churchill County, Nevada: Nevada Bureau of Mines Map 28, scale 1:125,000.
- Pakiser, L.C. 1960 Volcanism in eastern California - a proposed eruption mechanism, in Geological Survey Research 1960: U.S. Geological Survey Professional Paper 400-B, p. 411-414.
- Papke, K.G. 1970 Montmorillinite, bentonite, and fuller's earth deposits in Nevada: Nevada Bureau of Mines and Geology Bulletin 76, plates 1-3.
- Pardini, C.H. 1986 Petrological and structural analysis of the Sierra City melange, northern Sierra Nevada, California: San Diego State University, San Diego, California, M.S. Thesis, 89p.
- Parker, R.B. 1961 Petrology and structural geometry of pre-granitic rocks in the Sierra Nevada, Alpine County, California: GSA Bulletin, v. 72, p. 1789-1805.
- Pask, J.A., and Turner, M.D. 1952 Geology and ceramic properties of the Ione formation, Buena Vista area, Amador County: California Department of Natural Resources, Division of Mines Special Report 19, plate 1, scale 1:12,000.
- Pease, R.C. 1979 Scarp degradation and fault history south of Carson City, Nevada: University of Nevada, Reno, M.S. Thesis, 90p.
- Pease, R.C. 1980 Genoa Quadrangle, Nevada - geologic map: Nevada Bureau of Mines and Geology Map 1Cg, scale 1:24,000.
- Peikert, E.W. 1958 The Mount Tallac roof pendant, Sierra Nevada [California], southwest of Lake Tahoe: California University [Berkeley], M.A. Thesis.

- Peikert, E.W. 1962 Three-dimensional specific-gravity variation in the Glen Alpine stock, Sierra Nevada, California: GSA Bulletin, v. 73, p. 1437-1441.
- Peikert, E.W. 1963 Three-dimensional mineralogical variation in the Glen Alpine stock, Sierra Nevada, California [abs.]: GSA Special Paper 73, p. 214.
- Perkey, B. 1989 Update to N.B.M.G. Report 30 [by J.H. Schilling]: Nevada Bureau of Mines and Geology Sample Library, index to drill core and cuttings in the collection: Nevada Bureau of Mines and Geology List L-3, 30p. (from Sept., 1977 to 1989.
- Peterson, D., and Saucedo, G.J. 1978 Index to graduate theses and dissertations on California geology 1973 and 1974: California Geology, v. 31, p. 33-40.
- Peterson, D., and Saucedo, G.J. 1978 Index to graduate theses and dissertations on California geology 1975 and 1976: California Geology, v. 31, p. 90-94.
- Peterson, D.L. 1975 Principal facts for gravity stations in Steamboat Hills and Wabuska, Nevada: U.S. Geological Survey Open-File Report 75-443, 7p.
- Peterson, E.C. 1966 Titanium resources of the United States: U.S. Bureau of Mines Information Circular 8290, p. 27-28.
- Peterson, J.A. 1985 Geologic map of the Penn mine, Calaveras County, California: U.S. Geological Survey Miscellaneous Field Studies Map MF-1797, scale 1:1200.
- Plouff, D. 1986 Aeromagnetic map of Nevada - Walker Lake 1 x 2 Quadrangle: Nevada Bureau of Mines and Geology, Map 90, scale 1:250,000.
- Plouff, D. 1982 Gravity observations in the Walker Lake 1 x 2 Quadrangle, California-Nevada; Walker Lake Sheet: U.S. Geological Survey Open-File Report 82-405, 107p.
- Plouff, D. 1984 Bouguer gravity map of Nevada - Walker Lake 1 x 2 Quadrangle: Nevada Bureau of Mines and Geology Map 83, scale 1:250,000.
- Plouff, D. 1983 Aeromagnetic and gravity maps of the Freel and Dardanelles Roadless Areas, Alpine and El Dorado Counties, California: U.S. Geological Survey Miscellaneous Field Studies Map MF-1322-B, scale 1:62,500.
- Plouff, D. 1987 Maps showing aeromagnetic intensity, flight altitudes and generalized aeromagnetic intensity of the Walker Lake 1 x 2 quadrangle, California and Nevada: U.S. Geological Survey Miscellaneous Field Studies Map MF-1382-F, 3 sheets, scale 1:250,000.
- Plouff, D. 1987 Bouguer gravity anomaly and isostatic residual gravity map of the Walker Lake 1 x 2 Quadrangle, California and Nevada: U.S. Geological Survey Miscellaneous Field Studies Map MF-1382-E, 16p., 2 sheets, scale 1:250,000.
- Ponce, D.A. 1984 Gravity and magnetic evidence of a granitic intrusion near Wahmonie site, Nevada Test Site, Nevada: Journal of Geophysical Research, v. 89, no. B11, p. 9401-9414.
- Ponsler, H.E. 1977 The geology and mineral deposits of the Garfield district, Mineral County, Nevada: University of

- Nevada, Reno, M.S. Thesis, 73p.
- Price, J.G. 1977 Geologic history of alteration and mineralization at the Yerington porphyry copper deposit, Nevada: University of California, Berkeley, Ph.D. Thesis, 168p.
- Priest, G.R. 1974 Eruptive history and geochemistry of the Little Walker Volcanic Center, east central California: University of Nevada, Reno, M.S. Thesis, 99p.
- Priest, G.R. 1979 Geology and geochemistry of the Little Walker Center, Mono County, California: Oregon State University, Corvallis, Ph.D. Thesis, 311p.
- Proffett, J.M. 1977 Cenozoic geology of the Yerington district, Nevada, and implications for the nature and origin of basin and range faulting: GSA Bulletin, v. 88, p. 247-266.
- Proffett, J.M., Jr., and Dilles, J.H. 1984 Geologic map of the Yerington district, Nevada: Nevada Bureau of Mines and Geology Map 77, scale 1:24,000.
- Proffett, J.M., Jr., and Proffett, B.H. 1976 Stratigraphy of the Tertiary ash-flow tuffs in the Yerington district, Nevada: Nevada Bureau of Mines and Geology Report 27, 27p.
- Prokopovich, N.P. 1981 Acidic surface deposits in California and Nevada: California Geology, v. 34, no. 1, p. 7-11.
- Purdy, T.L., Brem, G.F., and Collins, W.E. 1985 Use of high-spectral resolution airborne spectroradiometer data to map hydrothermally altered rocks in the Gabbs Valley Range, Nevada: U.S. Geological Survey Open-File Report 84-793, 11p.
- Purdy, T.L., and Rowan, L.C. 1985 Maps showing distribution of altered rocks, faults, and linear features in the Walker Lake 1 x 2 Quadrangle, Nevada and California: U.S. Geological Survey Miscellaneous Investigation Series Map I-1643, scale 1:250,000.
- Ransome, F.L. 1907 Preliminary account of the Goldfield, Bullfrog and other mining districts in southern Nevada: U.S. Geological Survey Bulletin 303, p. 7-83.
- Ransome, F.L. 1907 Mines of Goldfield, Bullfrog and other Southern Nevada districts/ F.L. Ransome; with notes on the Manhattan district by Garrey and Emmons: Las Vegas Nevada Publications, 147p., map, scale 1:250,000.
- Ransome, F.L. 1900 Description of the Mother Lode district, California: U.S. Geological Survey Geologic Atlas, Folio 63, Map, scale 1:63,360.
- Ransome, F.L., Emmons, W.H., and Garrey, G.H. 1910 Geology and ore deposits of the Bullfrog district, Nevada: U.S. Geological Survey Bulletin 407, 130p.
- Rapp, J.S. 1982 The Valley Springs Formation in the Sonora Pass region: California Division of Mines and Geology, California Geology, v. 35, no. 10, p. 211-219, Fig. 2, scale 1:90,000.
- Read, T.T. 1915 The Engels Mine and Mill: Mining and Science Press, v. 3, p. 167.
- Redmond, J.L. 1966 Structural analysis of the Blue Canyon Formation, Placer County, California: University of Oregon, Ph.D. Thesis, 235p.

- Reeside, J.B., Jr., and others 1957 Correlation of the Triassic formations of North America exclusive of Canada: GSA Bulletin, v. 68, p. 1451-1513.
- Reeves, R.G.L., Shawe, F.R. and Kral, V.E. 1958 Iron ore deposits of west-central Nevada, Pt. B of Iron Ore Deposits of Nevada: Nevada Bureau of Mines and Geology Bulletin 53, p. 33-78.
- Reid, J.A. 1911 Geomorphogeny of the Sierra Nevada northeast of Lake Tahoe: California University, Department of Geological Sciences, Bulletin 6, p. 89-161, scale 1:110,000.
- Reilly, M.B. 1979 The stratigraphy and petrography of the middle member of the Luning Formation, west central Nevada: Texas Christian University, Fort Worth, M.S. Thesis, 46p.
- Reilly, M.B., Breyer, J.A., and Oldow, J.S. 1980 Petrographic provinces and provenance interpretations, Upper Triassic Luning Formation, west-central Nevada: GSA Bulletin, v. 91, pt. 1, p. 573-575; pt. 2, p. 2112-2151.
- Rice, C.T. 1906 The Bullfrog Mining District, Nevada: Engineering and Mining Journal, v. 82, p. 534-536.
- Riddell, P.A. 1966 Magnetic observations at the Dayton iron deposit, Lyon County, Nevada, in Mining Geophysics, v.1, Case Histories: Society of Exploration Geophysicists, p. 418-428.
- Rinehart, C.D. Ross, D.C. and Huber, N.K 1959 Paleozoic fossils in a thick stratigraphic section in the eastern Sierra Nevada, California: GSA Bulletin, v. 70, p. 941-946.
- Rinehart, C.D. and Ross, D.C. 1964 Geology and mineral deposits of the Mount Morrison quadrangle, Sierra Nevada, California; U.S. Geological Survey Professional Paper 385, 106p.
- Robbins, S.L., Oliver, H.W., Sikora, R.F., Rambo, W.L., and Roberts, C.W. 1988 Principal facts, accuracies, sources, base station descriptions, and plots for 2,227 gravity stations in the Chico 1 x 2 Quadrangle, California: available from National Technical Information Service, U.S. Department of Commerce, Springfield, VA; PB-276 770, 100p.
- Robbins, S.L., Oliver, H.W., and Roberts, C.W. 1976 Principal facts, accuracies, sources, base station descriptions, and plots for 2,230 gravity stations, in the Sacramento 1 x 2 Quadrangle, California: available from National Technical Information Service, U.S. Department of Commerce, Springfield, VA; PB-258 470/AS, 85p.
- Robbins, S.L., and Oliver, H.W. 1976 Principal facts, occurrences, sources, base station descriptions, and plots for 832 gravity stations on the Walker Lake 1 x 2 Quadrangle, California and Nevada: available from National Technical Information Service, U.S. Department of Commerce, Springfield, VA; PB-251-249.
- Robinson, A.C. 1985 Whole-rock strontium ages of Mesozoic plutons in the West Walker River area, east-central California [abs.]: GSA Abstracts with Programs, v. 17, p. 404.
- Robinson, A.C. and Kistler, R.W. 1986 Maps showing isotopic dating in the Walker Lake 1 x 2 Quadrangle, California and

- Nevada: U.S. Geological Survey Miscellaneous Field Studies Map MF-1382-N, 49p., scale 1:250,000.
- Robinson, T.W., Loeltz, O.J., and Poole, J.L. 1951 Ground water in the vicinity of Verdi, Washoe County, Nevada: Nevada State Engineer, Report, plate 1, scale 15,840.
- Rogers, A.F. 1911 Orthoclase - bearing veins from Rawhide, Nevada, and Weehawken, New Jersey: Economic Geology, v. 6, p. 790-798.
- Rogers, D.K., 1975 Environmental geology of northern Carson City, Nevada: University of Nevada, Reno, M.S. Thesis, 133p.
- Rogers, J.J.W., Burchfiel, B.C., et al., 1974 Paleozoic and Lower Mesozoic volcanism and continental growth in the western United States: GSA Bulletin, v. 85, p. 1913-1924.
- Rogers, T.H. 1966 Geologic map of California, Olaf P.Jenkins Edition, San Jose sheet: California Division of Mines and Geology (San Francisco), scale 1:250,000.
- Roman, O.J. 1973 Company geologic report of the Conoco Pepper Spring Prospect, Mineral County, Nevada: Nevada Bureau of Mines and Geology, unpublished Mining District File, no. 208, item 20, 4p., geologic maps, scale 1:24,000, 4 sheets.
- Rose, R.L. 1969 Geology of parts of the Wadsworth and Churchill Butte Quadrangles, Nevada: Nevada Bureau of Mines and Geology Bulletin 71, 27p., scale 1:48,000.
- Rose, R.L. 1959 Tertiary volcanic domes near Jackson: California Department of Natural Resources, Division of Mines Special Report 60, fig. 3, scale 1:36,000.
- Ross, D.C. 1961 Geology and mineral deposits of Mineral County, Nevada: Nevada Bureau of Mines and Geology Bulletin 58, 98p., maps, scale 1:250,000.
- Ross, D.C. 1961 Descriptive petrography of three large granitic bodies in the Inyo Mountains, California: U.S. Geological Survey Professional Paper 601, 47p.
- Rouer, O., Lapierre, H., Coulon, C., and Michard, A. 1989 New petrological and geochemical data on mid-Paleozoic island-arc volcanics of northern Sierra Nevada, California; evidence for a continent-based island arc: Canadian Journal of Earth Sciences, v. 26, p. 2465-2478.
- Rouer, O., and Lapierre, H. 1989 Comparison between two Paleozoic island-arc terranes in northern California (eastern Klamath and northern Sierra Nevada); geodynamic constraints: Tectonophysics, v. 169, p. 341-349.
- Rowan, L.C. and Purdy T. L. 1984 Map of the Walker Lake 1 x 2 Quadrangle, California and Nevada, showing the regional distribution of linear features: U.S. Geological Survey Miscellaneous Field studies Map MF-1382-P, 28p., scale 1:250,000.
- Rowan, L.C. and Purdy, T.L. 1980 Preliminary map showing distribution of altered rocks and limonitic unaltered rocks in the Walker Lake 1 x 2 Quadrangle, Nevada - California: U.S. Geological Survey Open-File Report 80-931, scale 1:250,000.
- Rowan, L.C. and Purdy, T.L. 1981 Definition of alteration belts

- in the Walker Lake, 1 x 2 Quadrangle, Nevada-California; in International Geoscience Remote Sensing Symposium Digest (K.R. Carver, editor) New York, New York, Institute of Electrical and Electronic Engineering, 1981, p. 325-330.
- Rowan, L.C. and Purdy, T.L. 1984 Map of the Walker Lake 1 x 2 Quadrangle, Calif. and Nevada, showing the regional distribution of hydrothermally altered rocks: U.S. Geological Survey Miscellaneous Field Studies Map MF 1382-Q, 10p., scale 1:250,000.
- Rowan, L.C., Krohn, M.D., and Purdy, T.L. 1980 Generalized maps of occurrences of limonitic rocks in the Walker Lake 1 x 2 sheet, Nevada - California: U.S. Geological Survey Open-File Report 80-232.
- Rowan, L.C., and Purdy, T.L. 1982 Remote sensing studies in the Walker Lake 1 X 2 Quadrangle, in Geological Survey Research 1981: U.S. Geological Survey Professional Paper 1275, p. 8.
- Roylance, J.G., Jr. 1966 The Dayton iron deposits, Lyon and Storey Counties, Nevada, in A.I.M.E. Pacific Southwest Mineral Industry Conference, Sparks, Nevada, 1975, Papers, pt. A: Nevada Bureau of Mines and Geology Report 13, p. 125-141.
- Rush, F.E. 1967 Water-resources appraisal of Washoe Valley, Nevada: Nevada Department of Conservation and Natural Resources, Water-Resources Reconnaissance Series Report 41, 39p., scale 1:63,360.
- Rush, F.E., and Schroer, C.V. 1976 Geohydrology of Smith Valley, Nevada, with special reference to water-use period, 1953-1972: Nevada Division of Water Resources, Water Resources Bulletin 43, 95p.
- Russell, S. and Nokleberg, W. 1977 Superimposition and timing of deformations in the Mount Morrison roof pendant and in the central Sierra Nevada, California: GSA Bulletin, v. 88, p. 335-345.
- Rykken, J. Mesozoic sediments in Ormsby [Carson City] County, Nevada: Nevada Bureau of Mines and Geology, unpublished mining district file, no. 266, item 2, 10p.
- Sadowski, R.M. 1974 Waterhole area geophysical report; Conoco Waterhole project: Nevada Bureau of Mines and Geology, unpublished mining district files, no. 203, item 6, 2p.
- Saleeby, J.B. 1981 Ocean floor accretion and volcanoplutonic arc evolution of the Mesozoic Sierra Nevada, in Ernst, W.G., ed., The Geotectonic Development of California (Rubey Volume I): Prentice-Hall, p. 132-181.
- Saleeby, J.B. 1982 Polygenetic ophiolite belt of the California Sierra Nevada-Geochronological and tectonostratigraphic development: Journal of Geophysical Research, v. 87, p. 1803-1824.
- Saleeby, J.B. 1986 Corridor C-2, central California offshore to Colorado Plateau: GSA Centennial Continent/Ocean Transect #10, 63p., scale 1:500,000, 2 sheets.
- Saleeby, J.B., and Moores, E.M. 1979 Zircon ages on northern Sierra Nevada ophiolite remnants and some possible regional correlations [abs.]: GSA Abstracts with Programs, v. 11, p.

125.

- Saleeby, J.B., and others 1986 Centennial continental/ocean transect # 10, C-2 central California offshore to Colorado Plateau: GSA Centennial Continent/Ocean Transect # 10, 63p.
- Saltus, R.W. 1988 Gravity data for the State of Nevada on magnetic tapes: U.S. Geological Survey Open-File Report 88-433, 20p.
- Sanborn, A.F. 1960 Geology and paleontology of the southwest quarter of the Big Bend quadrangle, Shasta County, California: California Division of Mines Special Report 63, 26p.
- Sanders, C.O. and Slemmons, D.B. 1979 Recent crustal movements in the central Sierra Nevada - Walker Lane region of California-Nevada: Part 3, the Olinghouse fault zone: Tectonophysics, v. 52, p. 585-597.
- Sargent, K.A. and Orkild, P.P. 1976 Preliminary geology of the northwest quarter of the Springdale quadrangle, Nevada: U.S. Geological Survey Miscellaneous Field Studies Map MF-751.
- Satkoski, J.J., Lambeth, R.H., White, W.W., III and Dunn, M.D. 1985 Field inventory of mineral resources and compilation of exploration data, Walker River Indian Reservation, Nevada: Nevada Bureau of Mines and Geology, unpublished mining district file, no. 191, item 21A and 21B, v. 1, 271p.; v. 2, 29 plates [B.I.A. report no. 21-II].
- Satterfield, J.I., and Oldow, J.S. 1990 Sand Springs lithotectonic assemblage: Mesozoic volcanoclastic and carbonate deep basinal rocks in the northwestern Great Basin: GSA Abstracts with Programs, v. 22, p. A275.
- Saucedo, G.J. 1980 Index to graduate theses and dissertations on California geology 1977 and 1978: California Geology, v. 33, p. 158-164.
- Saucedo, G.J. and Wagner, D.L. (in press), Geologic map of the Chico quadrangle, California, 1:250,000: California Division of Mines and Geology Regional Geologic Map Series, map no. 7A.
- Sawka, W.N., Frost, T., and Chappell, B.W. 1986 Contrasting trace element abundances in granitoid associated mafic inclusions (enclaves) and mafic intrusions from the eastern Sierra Nevada Batholith, California [abs.]: Eos, Transactions, American Geophysical Union, v. 16, p. 384.
- Schilling, J.H. 1977 The Nevada Bureau of Mines and Geology Sample Library-an index to the drill core and cuttings in the collection: Nevada Bureau of Mines and Geology Report 30, 8p. (to Sept., 1977).
- Schilling, J.H. 1976 Metal mining districts of Nevada [map showing locations of mining districts in Nevada]: Nevada Bureau of Mines and Geology Map 37, scale 1:1,000,000.
- Schilling, J.H. 1965 Field-trip guidebook [of extreme west-central Nevada]: A.I.M.E., Pacific Southwest Mineral Industry Conference, Sparks, Nevada, May 5-7, 1965, 27p.
- Schoen, R., and White, D.E. 1967 Hydrothermal alteration of basaltic andesite and other rocks in drill hole GS-6,

- Steamboat Springs, Nevada: U.S. Geological Survey Professional Paper 575-B, p. B110-B119.
- Schrader, F.C. 1911 (1920) The Rawhide Mining District, in the Schrader Report on the Carson Sink area: U.S. Geological Survey Open-File Report, p. 140-221.
- Schrader, F.C. 1911 -1920, Rand mining district in the Schrader Report on the Carson Sink area: U.S. Geological Survey Open-File Report, p. 273-281.
- Schrader, F.C. 1947 Carson Sink area: U.S. Geological Survey Open-File Report 47-17, fig 4, scale 1:250,000.
- Schryver, R.F. 1961 Geology of the Mound House area, Ormsby [Carson City] and Lyon Counties, Nevada: University of Nevada, Reno, M.S. Thesis, 47p.
- Schultz, C.B., and Smith H.T.U., eds. 1965 Guidebook for field conference I, northern Great Basin and California: International Association for Quaternary Research, 165p.
- Schweickert, R.A. 1978 Triassic and Jurassic paleogeography of the Sierra Nevada and adjacent regions, California and western Nevada; in Mesozoic Paleogeography of the Western U.S.: Pacific Coast Paleogeography Symposium # 2, Society of Economic Paleontologists and Mineralogists, Pacific Section, p. 361-384.
- Schweickert, R.A. 1972 Shallow-level intrusions in the eastern Sierra Nevada, California Ph.D. Thesis: Stanford University, California, 85p.
- Schweickert, R.A. 1976 Shallow-level plutonic complexes in the eastern Sierra Nevada, California, and their tectonic implications: GSA Special Paper 176, 58p.
- Schweickert, R.A. 1976 Early Mesozoic rifting and fragmentation of the Cordilleran orogen in the western U.S.A.: Nature, v. 260, p. 586-591.
- Schweickert, R.A. 1981 Tectonic evolution of the Sierra Nevada Range, in Ernst, W.G., ed., The Geotectonic Development of California (Rubey Volume I): Prentice-Hall, p. 87-131.
- Schweickert, R.A. 1976 Lawsonite blueschist within the Melones Fault Zone, northern Sierra Nevada, California [abs.]: GSA Abstracts with Programs, v. 8, p. 409.
- Schweickert, R.A. 1977 Major pre-Jurassic thrust fault between the Shoo Fly and Calaveras complexes, Sierra Nevada, California [abs.]: GSA Abstracts with Programs, v. 9, p. 497.
- Schweickert, R.A. 1988 Terrane analysis in the Sierra Nevada; a critical appraisal [abs.]: GSA Abstracts with Programs, v. 20, p. 228-229.
- Schweickert, R.A. and Cowan, D.S. 1975 Early Mesozoic tectonic evolution of the western Sierra Nevada, California: GSA Bulletin, v. 86, p. 1329-1336.
- Schweickert, R.A. and Cowan, D.S. 1974 Pre-Tithonian magmatic arcs and subduction zones, western Sierra Nevada, California [abs.]: GSA Abstracts with Programs, v. 6, p. 251.
- Schweickert, R.A. and Lahren, M.M. 1991 Speculative reconstruction of the Mojave-Snow Lake fault: implications

- for Paleozoic and Mesozoic orogenesis in the western United States: *Tectonics*, v. 9, no. 6, p. 1609-1629.
- Schweickert, R.A., Harwood, D.S., Girty, G.H., and Hanson, R.E. 1984 Tectonic development of the northern Sierra terrane--An accreted Late Paleozoic island arc and its basement, in Lintz, J., Jr., ed., *Western Geological Excursions: GSA Guidebook*, v. 4, p. 1-65.
- Schweickert, R.A., Harwood, D.S., Girty, G.H., and Hanson, R.E. 1984 Tectonic development of the northern Sierra terrane--An accreted late Paleozoic island arc and its basement (Field Trip 5), in *Western geological excursions: Mackay School of Mines, Department of Geological Sciences, Guidebook*, v. 4, p. 1-65, fig. 7, scale 1:250,000.
- Schweickert, R.A., Harwood, D.S., Girty, G.H., and Hanson, R.E., IN PRESS Geologic map of the Emigrant Gap Quadrangle, Sierra and Nevada Counties, California: U.S. Geological Survey Geologic Quadrangle Map, scale 1:62,500.
- Schweickert, R.A., and Lahren, 1987 Continuation of Antler and Sonoma orogenic belts to the eastern Sierra Nevada, California, and Late Triassic thrusting in a compressional arc: *Geology*, v. 15, p. 270-273.
- Schweickert, R.A., and Lahren, 1990 Speculative reconstruction of the Mojave-Snow lake Fault: implications for Paleozoic and Mesozoic orogenesis in the western United States: *Tectonics*, v. 9, p. 1609-1629.
- Schweickert, R.A., and Lahren, M.M. 1984 Extent of Antler and Sonoma belts, sutures, and transcurrent faults in eastern Sierra Nevada, California [abs.]: *GSA Abstracts with Programs*, v. 16, p. 648.
- Schweickert, R.A., and Snyder, W.S. 1981 Paleozoic plate tectonics of the Sierra Nevada and adjacent regions, in Ernst, W.G., ed., *The Geotectonic Development of California (Rubey Volume I)*: Prentice-Hall, p. 182-201.
- Seidl, R.F. 1982 Geology and uranium evaluation of the Dry Valley tuffs, Washoe County, Nevada: University of Nevada, Reno, M.S. Thesis, 83p.
- Sharp, W.D. 1988 Pre-Cretaceous crustal evolution in the Sierra Nevada region, California, in Ernst, W.G., ed., *Metamorphism and crustal evolution of the western United States (Rubey volume VII)*: Prentice-Hall, p. 823-864.
- Sharp, W.D. 1984 Structure, petrology, and geochronology of a part of the central Sierra Nevada foothills metamorphic belt, California: University of California, Berkeley, Ph.D. Thesis, 173p.
- Sharp, W.D. 1985 The Nevadan Orogeny of the foothills metamorphic belt, California--a collision without a suture? [abs.]: *GSA Abstracts with Programs*, v. 17, p. 407.
- Shawe, D.R. 1965 Strike-slip control of Basin-Range structure indicated by historical faults in western Nevada: *GSA Bulletin*, v. 76, no. 12, p. 1361-1377.
- Sherlock, M.G. 1989 Metallogenic map of volcanogenic massive-sulfide deposits in pre-Tertiary island-arc and

- ocean-basin environments in Nevada: U.S. Geological Survey Miscellaneous Field Studies Map MF-1853-E, 17p.
- Shov, J.M., and Lindquist, T.A. 1989 Index to graduate thesis and dissertations on California geology 1983 and 1984: California Geology, v. 42, p. 201-213.
- Sidder, G.B. 1986 Mineral deposits of the Reno 1 x 2 Quadrangle, Nevada, with a comprehensive bibliography: U.S. Geological Survey Open-File Report 86-407, 53p.
- Sidder, G.B. 1987 A report on work in progress for the Reno 1x2 CUSMAP Project, Nevada, with additional bibliography: U.S. Geological Survey Open-File Report 87-656, 21p.
- Sigurdson, D.R. 1974 Fluid inclusion thermometry and paragenesis at the Silver Dyke Mine, Mineral County, Nevada [abs.]: GSA, Abstracts with Program, v. 6, no. 3, p. 252-253.
- Sigvaldason, G.E., and White, D.E. 1962 Hydrothermal alteration in drill holes GS-5 and GS-7, Steamboat Springs, Nevada: U.S. Geological Survey Professional Paper 450-D, p. D113-D117.
- Sigvaldason, G.E., and White, D.E. 1961 Hydrothermal alteration of rocks in two drill holes at Steamboat Springs, Washoe County, Nevada: U.S. Geological Survey Professional Paper 424-D, p. D116-D122.
- Silberling, N.J. 1984 Map showing localities and correlation of age-diagnostic lower Mesozoic megafossils, Walker Lake 1 x 2 Quadrangle, Nevada and California: U.S. Geological Survey Miscellaneous Field Studies Map MF-1382-0, scale 1:250,000.
- Silberling, N.J. 1973 Geologic events during Permian-Triassic time along the Pacific Margin of the United States, in Logan, A. and Hills, L.V., eds.: The Permian and Triassic Systems and their mutual boundary: Calgary, Alberta Society of Petroleum Geologists, p. 345-362.
- Silberling, N.J. 1959 Pre-Tertiary stratigraphy and upper Triassic paleontology of the Union district, Shoshone Mountains, Nevada: U.S. Geological Survey Professional Paper 322, 67 p.
- Silberling, N.J. (in press), Allochthonous terranes of western Nevada--Current status: GSN, Geology and Ore Deposits of the Great Basin, proceedings of 1990 symposium.
- Silberling, N.J. and John, D.A. 1989 Geologic map of the Pre-Tertiary rocks of the Paradise Range and southern Lodi Hills, west-central Nevada U.S. Geological Survey Miscellaneous Field Studies Map MF-2062, scale 1:24,000.
- Silberling, N.J. and Jones, D.L. 1982 Tectonic significance of Permian-Triassic strata in northwestern Nevada and northern California [abs.]: GSA Abstracts with programs, v. 14, no. 4, p. 234.
- Silberling, N.J. and Jones, D.L. 1983 Paleontologic evidence for northward displacement of Mesozoic rocks in accreted terranes of the western Cordillera [abs.]: Geological Association of Canada, Program with abstracts, v. 8, p. A62.
- Silberling, N.J. and Roberts, R.J. 1962 Pre-Tertiary stratigraphy and structure of northwestern Nevada: GSA Special Paper 72,

58p.

- Silberling, N.J., Jones, D.L., Blake, M.C. Jr., and Howell, D.G. 1987 Lithotectonic terrane map of the western conterminous United States: U.S. Geological Survey Miscellaneous Field Studies Map MF-1874-C, scale 1:2,500,000.
- Silberling, N.J., and John, D.A. 1989 Geologic map of the pre-Tertiary rocks of the Paradise Range and southern Lodi Hills, west-central Nevada: U.S. Geological Survey Miscellaneous Field Studies Map MF-2062, scale 1:24,000.
- Silberling, N.J., and Jones, D.L. 1984 Lithotectonic terrane maps of the North American Cordillera: U.S. Geological Survey Open-File Report 84-523, 101p., scale 1:2,500,000, 4 sheets.
- Silberman, M.L., Bonham, H.F., Jr., and Garside, L.J. 1975 New K-Ar ages of volcanic and plutonic rocks and ore deposits in western Nevada: *Isochron/West*, no 13, p. 13-21.
- Silberman, M.L., White, D.E., Keith, T.E.C., and Dockter, R.D. 1979 Duration of hydrothermal activity at Steamboat Springs, Nevada, from ages of spatially associated volcanic rocks: U.S. Geological Survey Professional Paper 458-D, 14p.
- Silberman, M.L., and McKee, E.H. 1972 A summary of radiometric age determinations of Tertiary volcanic rocks from Nevada and eastern California: Part II, western Nevada: *Isochron/West*, no. 4, p. 7-28.
- Sinclair, W.C., and Loeltz, O.J. 1963 Ground-water conditions in the Fernley-Wadsworth area Churchill, Lyon, Storey, and Washoe Counties, Nevada: U.S. Geological Survey Water-Supply Paper 1619-AA, plate 1, scale 1:31,680.
- Slemmons, D.B., VanWormer, D., Bell, E.J. and Silberman, M.L. 1979 Recent crustal movements in the Sierra Nevada-Walker Lane Region of California-Nevada: Part I, Rate and style deformation: *Tectonophysics*, v. 52, p. 561-570.
- Smith, A.R. 1970 Trace Elements in the Plumas Copper Belt, Plumas County, California; California Division of Mines and Geology Special Report, no. 103, 26p.
- Smith, C.L. 1974 Chemical controls on weathering and trace metal distribution at Teels Marsh, Nevada: University of Wyoming, Ph.D. Thesis, 96p.
- Smith, C.L., and Drever, J.I. 1976 Controls on the chemistry of springs at Teels Marsh, Mineral County, Nevada: *Geochimica et Cosmochimica Acta*, v. 40, p. 1081-1093.
- Smith, D.T. 1904 The geology of the upper region of the main Walker River, Nevada: California University, Department of Geological Sciences, Bulletin 4, p. 1-32.
- Smith, M.R. 1981 Geology and Mineralization of the southeastern Gillis Range, Mineral County, Nevada: University of Nevada, Reno, M.S. Thesis, 103p.
- Smith, M.R. and Benham, J.A. 1985 The Julie Claim, Mineral County [Nevada]: *Mineralogical Record*, v. 16, no. 1, p. 75-80.
- Snyder, D.B., Roberts, C.W., Saltus, R.W. and Sikora, R.F. 1981 Magnetic tape containing the principal facts of 64,402 gravity stations in the State of California: U.S. Geological Survey Report, 30p.; available from National Technical

- Information Service, U.S. Department of Commerce, Springfield, VA; 22161, NTIS PB-82168287.
- Soeller, S.A., and Nielson, R.C. 1980 Geologic map of the Reno NW quadrangle, Nevada: Nevada Bureau of Mines and Geology Urban Map 4Dg, scale 1:24,000.
- Speed, R.C. 1978 Basinal terrane of the early Mesozoic marine province of the western Great Basin: in Howell, D.G. and McDougall, K.A., eds., Mesozoic paleogeography of the western U.S.: Pacific Coast Paleogeography Symposium 2: Society of Economic Paleontologists and Mineralogists, p. 237-252.
- Speed, R.C. 1977 Island-arc and other paleogeographic terranes of late Paleozoic age in the western Great Basin: in Stewart, J.H., Stevens, C.H. and Fritsche, A.E., eds.: Paleozoic paleogeography of the western U. S., Pacific Section, Society of Economic Paleontologists and Mineralogists, p. 349-362.
- Speed, R.C. 1973 Excelsior and Pablo formations western Nevada; Problems and progress in analysis [abs.]: GSA Abstracts with Programs, v. 5, p. 109.
- Speed, R.C. 1983 Mesozoic active margin-foreland tectonics in the Great Basin [abs.]: GSA Abstracts with Programs, v. 15, p. 271.
- Speed, R.C. 1984 Paleozoic and Mesozoic continental margin collision zone features: Mina to Candelaria, Nevada, in Lintz, J., Jr., ed.: Western Geological Excursions, v. 4, GSA Field Trip Guidebook, p. 66-80.
- Speed, R.C. 1971 Permo-Triassic continental margin tectonics in western Nevada [abs.]: GSA Abstracts with Programs, v. 3, p. 199.
- Speed, R.C. 1978 Basin terrane of the early Mesozoic marine province of the western Great Basin in: Howell, D.G., and McDougall, K.A., eds., Mesozoic Paleogeography of the western United States: Society of Economic Paleontologists and Mineralogists, Pacific Section, Pacific Coast Paleogeography Symposium 2, p. 237-252.
- Speed, R.C. 1976 Geologic map of the Humboldt lopolith and surrounding terrane, Nevada: GSA Map and Chart Series MC-14, scale 1:81,000.
- Speed, R.C. 1981 Preliminary geologic map of the Sodaville quadrangle, Mineral County, Nevada: U.S. Geological Survey Miscellaneous Field Studies Map MF-1300, scale 1:24,000.
- Speed, R.C. and Jones T.A. 1969 Synorogenic quartz sandstone in the Jurassic mobile belt of western Nevada--Boyer Ranch Formation: GSA Bulletin, v. 80, p. 2551-2584.
- Speed, R.C. and Silberling, N.J. 1989 Early Mesozoic tectonics of the western Great Basin, Nevada Field Trip Guidebook T122, 28th International Geological Congress. American Geophysical Union, 54p.
- Speed, R.C., Ellison, M.W., and Heck, F.R. 1988 Phanerozoic tectonic evolution of the Great Basin, in Ernst, W.G., ed., Metamorphism and crustal evolution of the western United States (Rubey volume VII): Prentice-Hall, p. 683-713.

- Speed, R.C., and Armstrong, R.L. 1971 Potassium-argon ages of some minerals from igneous rocks of western Nevada: *Isochron/West*, p. 1-8.
- Speed, R.C., and Moores, E.M. 1981 Geologic cross section of the Sierra Nevada and the Great Basin along 40 degrees N. lat., northeastern California and northern Nevada: GSA Map and Chart Series MC-28L, scale 1:250,000.
- Squardson, D.R. 1974 Fluid inclusion thermometry and paragenesis at the Silver Dyke Mine, Mineral County, Nevada [abs.]: GSA Abstracts with programs, v. 6, no. 3, p. 252-253.
- Staatz, M.H., and Bauer, H.L., Jr. 1953 Uranium in the East Walker River area, Lyon County, Nevada: U.S. Geological Survey Bulletin 988-C, p. 29-43.
- Standlee, L.A., and Nestell, M.K. 1985 Age and tectonic significance of terranes adjacent to the Melones fault zone, northern Sierra Nevada, California [abs.]: GSA Abstracts with Programs, v. 17, p. 410.
- Stanley, K.O. 1969 Tectonic and sedimentologic history of the Lower Jurassic Sunrise and Dunlap Formations, west-central Nevada: University of Wisconsin, Ph.D. Thesis, 81p.
- Stanley, K.O. 1971 Tectonic and sedimentologic history of [the] Lower Jurassic Sunrise and Dunlap Formations, west-central Nevada: AAPG Bulletin, v. 55, p. 454-477.
- Stanley, K.O., Jordan, W.M. and Dott, R.H., Jr., 1971 New hypothesis of Early Jurassic paleogeography and sediment dispersal for the western United States: AAPG Bulletin, v. 55, p. 10-19.
- Stathis, G.J. 1960 Geology of the southern portion of [the] Spanish Springs Quadrangle, Nevada: University of Nevada, Reno, M.S. Thesis, 83p.
- Stephenson, E.L. 1952 Report for the Standard Slag Co. on a magnetic and geologic examination of the Minnesota iron deposit, Douglas County, Nevada: Nevada Bureau of Mines and Geology, unpublished mining district files, no. 35, item 8, 14p.
- Steurer, M.R. 1978 Structural and depositional history of Mesozoic allochthonous rocks in the eastern Garfield Hills, west central Nevada: Texas Christian University, Fort Worth, M.S. Thesis, 36p.
- Stewart, J.H. 1986 Mesozoic and Cenozoic Walker Lane structures in Abstracts of the symposium on the geology and mineral deposits of the Tonopah 1 x 2 quadrangle, Nevada: U.S. Geological Survey Open-File Report 86-467.
- Stewart, J.H. 1988 Tectonics of the Walker Lane Belt, western Great Basin: Mesozoic and Cenozoic deformation in a zone of shear, in: Ernst, W.G., ed., *Metamorphism and crustal evolution of the western United States* (Rubey vol. VII): Prentice-Hall, p. 683-713.
- Stewart, J.H. 1985 East-trending dextral faults in the western Great Basin: An explanation for anomalous trends of pre-Cenozoic strata and Cenozoic faults: *Tectonics*, v. 4, no. 6, p. 547-564.

- Stewart, J.H. 1984 Geologic map of the Teels Marsh Quadrangle, Mineral County, Nevada: U.S. Geological Survey Open-File Report 84-504, 5p., scale 1:24,000.
- Stewart, J.H. 1981 Geology map of the Jack Spring quadrangle, Mineral County, Nevada: U.S. Geological Survey Open-File Report 81-368, scale 1:24,000.
- Stewart, J.H. 1979 Geologic map of Miller Mountain and Columbus quadrangles, Mineral and Esmeralda Counties, Nevada: U.S. Geological Survey Open-File Report 79-1145, scale 1:24,000.
- Stewart, J.H. and Dohrenwend, J.C. 1984 Geologic map of the Wellington quad., Nevada: U.S. Geological Survey Open-File Report 84-211, scale 1:62,500
- Stewart, J.H. and Johnnesen, D.C. 1981 Geologic map of the Hawthorne Quadrangle, Mineral County, Nevada: U.S. Geological Survey Miscellaneous Field Studies Map MF-1277 Surficial geology by J.C. Dohrenwend, scale 1:62,500.
- Stewart, J.H. and Noble, D.C. 1979 Preliminary geologic map of the Mt. Siegel Quadrangle, Nevada-California: U.S. Geological Survey Open-File Report 79-225, scale 1:62,500.
- Stewart, J.H. and others 1984 The Conterminous U.S. Mineral Appraisal Program; background information to accompany folio of geologic, geochemical and mineral resource map of the Walker Lake 1 x 2 Quadrangle, California and Nevada: U.S. Geological Survey Circular 927, 22 p. [maps are MF-1382-A through MF-1382-V].
- Stewart, J.H. and others 1981 Geologic map of the Mount Grant Quadrangle, Lyon and Mineral Counties, Nevada: U.S. Geological Survey Miscellaneous Field Studies Map MF-1278, scale 1:62,500.
- Stewart, J.H., Albers, J.P. and Poole, F.G. 1968 Summary of regional evidence for right-lateral displacement in the western Great Basin: GSA Bulletin, v. 79, p. 1407-1414.
- Stewart, J.H., Brem, G.F., and Dohrenwend, J.C. 1989 Geologic map of the Desert Peak Quadrangle, Lyon and Douglas Counties, Nevada, and Mono County, California: U.S. Geological Survey Miscellaneous Field Studies Map MF-2050, scale 1:62,500.
- Stewart, J.H., Carlson, J.E, and Johannessen, D.C. 1982 Geologic map of the Walker Lake 1 x 2 Quadrangle, California and Nevada: U.S. Geological Survey Miscellaneous Field Studies Map MF-1382-A, scale 1:250,000.
- Stewart, J.H., Kleinhampl, F.J., Johannesen, D.C., Speed, R.C., and Dohrenwend, J.C. 1981 Geologic map of the Huntton Valley Quadrangle, Mineral County, Nevada, and Mono County, California: U.S. Geological Survey Open-File Report 81-274, scale 1:62,500.
- Stewart, J.H., Kleinhampl, F.J., Speed, R.C., and Johannesen, D.C. 1984 Geologic map of the Little Huntton Valley quadrangle, Mineral County, Nevada: U.S. Geological Survey Open-File Report 84-503, scale 1:24,000.
- Stewart, J.H., Kleinhampl, F.J., and Johnnesen, D.C. 1984 Geologic map of the Rattlesnake Flat Quadrangle, Mineral County, Nevada: U.S. Geological Survey Open-File Report

- 84-506, 5p., scale 1:24,000.
- Stewart, J.H., Moore, W.J. and Zietz, I. 1977 East-west patterns of Cenozoic igneous rocks, aeromagnetic anomalies, and mineral deposits, Nevada and Utah: GSA Bulletin, v. 88, p. 67-77.
- Stewart, J.H., and Carlson, J.E. 1977 Geologic map of Nevada: Nevada Bureau of Mines and Geology Map 57.
- Stewart, J.H., and Dohrenwend, J.C. 1984 Geologic map of the Yerington Quadrangle, Nevada: U.S. Geological Survey Open-File Report 84-212, 12p., scale 1:62,500.
- Stewart, J.H., and Dohrenwend, J.C. 1984 Geologic map of the Wellington quadrangle, Nevada: U.S. Geological Survey Open-File Report 84-211, scale 1:62,500.
- Stewart, J.H., and Johannesen, D.C. 1981 Geologic map of the Powell Mountain Quadrangle, Mineral County, Nevada, with Surficial geology by J. C. Dohrenwend: U.S. Geological Survey Miscellaneous Field Studies Map MF-1268, scale 1:62,500.
- Stewart, J.H., and Johannesen, D.C. 1981 Geologic map of the Hawthorne Quadrangle, Mineral County, Nevada, with Surficial geology by J. C. Dohrenwend: U.S. Geological Survey Miscellaneous Field Studies Map MF-1277, scale 1:62,500.
- Stewart, J.H., and Reynolds, M.W. 1987 Geologic map of the Pine Grove Hills Quadrangle, Lyon County, Nevada: U.S. Geological Survey Open-File Report 87-658, 7p., scale 1:62,500.
- Strand, R.G., and Koenig, J.B., compilers 1965 Geologic map of California, Olaf P. Jenkins edition - Sacramento Sheet: California Division of Mines and Geology, scale 1:250,000.
- Stuart-Alexander, D.E. 1966 Contrasting deformation of Paleozoic and Mesozoic rocks near Sierra City, northern Sierra Nevada, California: Stanford University, California, Ph.D. Thesis, 91p.
- Sutley, S.J., Chaffee, M.A., Brem, G.F., Fey, D.L., and Hill, R.H. 1983 Chemical analysis and statistical summaries for samples of rock, minus-60-mesh (0.25-mm) stream sediment, and nonmagnetic heavy-mineral concentrate, Sweetwater Roadless Area, Mono County, California, and Lyon and Douglas Counties, Nevada: U.S. Geological Survey Open-File Report 83-647, 47p., geochemical sample site map, scale 1:62,500.
- Sylvester, A.G., Nelson, C.A. and Barrows, A. 1969 Monzonite in the Inyo batholith, east-central California, [abs]: GSA Abstracts with Programs, v. 1, p. 67.
- Tabor, R.W., and Ellen, S. 1975 Geologic map of Washoe City Quadrangle; Washoe Lake area: Nevada Bureau of Mines and Geology Environmental Series Map 5Ag, scale 1:24,000.
- Tabor, R.W., and Ellen, S. 1976 Geologic cross sections, Washoe City Quadrangle; Washoe Lake area: Nevada Bureau of Mines and Geology Environmental Series Map 5Ak, scale 1:24,000.
- Tafuri, W.J. 1973 A geochemical study of the barite deposits of Mineral County, Nevada: University of Nevada, Reno, M.S. Thesis, 69p.
- Taliaferro, N.L. 1942 Geologic history and correlation of the

- Jurassic of southwestern Oregon and California: GSA Bulletin, v. 53, p. 71-112.
- Tallman, C. 1909 The Bullfrog district, Nevada: American Mining Congress, 12th Annual Session, Report of Proceeding, p. 428-437.
- Talukdar, S.C. 1973 Implications of petrological study of Paleozoic-Mesozoic volcanic rocks in Mineral County, Nevada: Rice University, Houston, Texas, Ph.D. Thesis, 121p.
- Taylor, D.G., Smith, P.L., Laws, R.A., and Guex, J. 1983 The stratigraphy and biofacies trends of the Lower Mesozoic Gabbs and Sunrise Formations, west-central Nevada: Canadian Journal of Earth Sciences, v. 20, p. 1598-1608.
- Taylor, G.C. 1974 Index to graduate theses and dissertations on California geology 1962 through 1972: California Division of Mines and Geology Special Report 115, 89p.
- Taylor, H.P., Jr. 1973 O18/O16 evidence for meteoric-hydrothermal alteration and ore deposition in the Tonopah, Comstock Lode, and Goldfield mining districts, Nevada: Economic Geology, v. 68, p. 747-764.
- Taylor, M.W., and Surdam, R.C. 1981 Zeolite reactions in the tuffaceous sediments at Teels Marsh, Nevada: Clays and Clay Minerals, v. 29, p. 341-352.
- Thompson, G.A. 1956 Geology of the Virginia City Quadrangle, Nevada: U.S. Geological Survey Bulletin 1042-C, p. 45-77, geologic map, scale 1:62,500.
- Thompson, G.A., and Sandberg, C.H. 1958 Structural significance of gravity surveys in the Virginia City-Mount Rose area, Nevada and California: GSA Bulletin, v. 69, p. 1269-1282.
- Thompson, G.A., and White, D.E. 1964 Regional geology of the Steamboat Springs area, Washoe County, Nevada: U.S. Geological Survey Professional Paper 458-A, p. A1-A52, map scale 1:62,500.
- Thurston, W.B., and Rich, J.P. 1946 Geologic and topographic map of the Baxter fluorspar deposit, Churchill County, Nevada: U.S. Geological Survey Preliminary Map 3-196, scale 1:1200.
- Tingley, J.V. 1967 Southwestern Yerington copper district, Lyon County, Nevada: Nevada Bureau of Mines and Geology, unpublished mining district file, no. 188, item 21, 8p.
- Tingley, J.V. 1968 Proposed exploration program, Ludwig-Douglas Hill area, Lyon county, Nevada: Nevada Bureau of Mines and Geology, unpublished mining district file, no. 188, item 22, 17p.
- Tobisch, O.T. and Fiske, R.S. 1982 Repeated parallel deformation in part of the eastern Sierra Nevada, California and its implications for dating structural events: Journal of Structural Geology, v. 4, p. 177-195.
- Tobisch, O.T., Fiske, R.S., Sacks, S. and Taniguchi, D. 1977 Strain in metamorphosed volcanoclastic rocks and its bearing on the evolution of orogenic belts: GSA Bulletin, v. 88, p. 23-40.
- Tobisch, O.T., Paterson, S.R., Longiaru, S., and Bhattachayya, T. 1987 Extent of the Nevada orogeny, central Sierra Nevada,

- California: Geology, v. 15, p. 132-135.
- Tobisch, O.T., Saleeby, J.B. and Fiske, R.S. 1986 Structural history of continental volcanic arc rocks, eastern Sierra Nevada, California; A case for extensional tectonics: Tectonics, v. 5, p. 65-94.
- Tolman, C.F. 1917 Ore deposition and enrichment at Engels, California: Economic Geology, v. 12, p. 379.
- Tooker, E.W., Morris, H.T., and Fillo, P.V. 1969 Mineral resources of the Emigrant Basin primitive area, California: U.S. Geological Survey Bulletin 1261-G, plate 1, scale 1:62,500.
- Trexler, D.T. 1977 Geologic map of the Carson City Quadrangle, Nevada: Nevada Bureau of Mines and Geology Map 1Ag, scale 1:24,000.
- Trexler, D.T., and Pease, R.C. 1981 Geologic mapping of the Vista and Steamboat 7 1/2-minute quadrangles, Nevada: U.S. Geological Survey Open-File Report 81-832, scale 1:24,000.
- Turner, H.W. 1892 Mohawk Lake beds: Washington Philosophical Society, Bulletin, v. 11, plate 4, scale 1:125,000.
- Turner, H.W. 1894 Description of the Jackson quadrangle, California: U.S. Geological Survey Geologic Atlas, Folio 11, Map, scale 1:125,000.
- Turner, H.W. 1893 Rocks of the Sierra Nevada: U.S. Geological Survey 14th Annual Report, pt. 2, plate 55, scale 1:62,500.
- Turner, H.W. 1897 Description of the Downieville quadrangle, California: U.S. Geological Survey Geologic Atlas Folio 37, Map, scale 1:125,000.
- Turner, H.W. 1898 Description of the Big Trees quadrangle, California: U.S. Geological Survey Geologic Atlas, Folio 51, Map, scale 1:125,000.
- U.S. Bureau of Mines Preliminary Examination Report for the Blue Metals Mine, Douglas County, Nevada: Nevada Bureau of Mines and Geology, unpublished mining district files, no. 35, item 14, 1p.
- U.S. Geological Survey 1971 Areomagnetic map of parts of the Walker Lake, Reno, Chico, and Sacramento 1 x 2 Quadrangles, Nevada-California: U.S. Geological Survey Geophysical Investigations Map GP-751, scale 1:250,000.
- U.S. Geological Survey 1972 Aeromagnetic map of parts of the Lovelock, Reno, and Millet 1 x 2 Quadrangles, Nev.: U.S. Geological Survey Open-File Report 72-0386, scale 1:250,000.
- U.S. Geological Survey 1967 Aeromagnetic maps of the Schurz, Gillis Canyon, Mt. Grant and Hawthorne Quadrangles, Nevada: U.S. Geological Survey Open-File Report 67-32, scale 1:62,500.
- U.S. Geological Survey 1967 Aeromagnetic map of the Weber Reservoir and Allen Springs Quadrangles and parts of the Fallon and Carson Lake Quadrangles, Nevada: U.S. Geological Survey Open-File Report 67-33, scale 1:62,500.
- U.S. Geological Survey 1967 Aeromagnetic map of the Mina Quadrangle, Nevada: U.S. Geological Survey Open-File Report 67-25, scale 1:62,500.

- U.S. Geological Survey 1967 Aeromagnetic map of the Luning Quadrangle, Nevada: U.S. Geological Survey Open-File Report 67-23, scale 1:62,500.
- U.S. Geological Survey 1981 Total field aeromagnetic map of the Steamboat Hills known geothermal resource area, Nevada: U.S. Geological Survey Open-File Report 81-996, scale 1:24,000.
- U.S. Geological Survey 1967 Aeromagnetic map of part of the Fallen Leaf Quadrangle, California: U.S. Geological Survey Open-File Report 67-17, scale 1:62,500.
- U.S. Geological Survey 1967 Aeromagnetic map of the Bridgeport Quadrangle and parts of the Fales Hot Springs and Bodie Quadrangles, California-Nevada: U.S. Geological Survey Open-File Report 67-12, scale 1:62,500.
- U.S. Geological Survey 1967 Aeromagnetic map of the Freel Peak and Mount Siegel Quadrangles, and parts of the Markleeville and Topaz Lake Quadrangles, California-Nevada: U.S. Geological Survey Open-File Report 67-18, scale 1:62,500.
- U.S. Geological Survey 1967 Aeromagnetic map of the Aurora, Powell Mountain, and Huntoon Valley Quadrangles and part of the Trench Canyon Quadrangle, Nevada-California: U.S. Geological Survey Open-File Report 67-7, scale 1:62,500.
- U.S. Geological Survey 1979 Aeromagnetic map of the North Fork American [River] area, California: U.S. Geological Survey Open-File Report 79-1197, scale 1:62,500.
- U.S. Geological Survey 1979 Aeromagnetic map of the Hoover-Walker Lake area, California: U.S. Geological Survey Open-File Report 79-1194, scale 1:250,000.
- U.S. Geological Survey 1967 Aeromagnetic map of the Como and Wabuska Quadrangles, and parts of the Churchill Butte and Silver Springs Quadrangles, Nevada: U.S. Geological Survey Open-File Report 67-15, scale 1:62,500.
- U.S. Geological Survey 1967 Aeromagnetic map of the Wellington, Yerington, Desert Creek Peak, and Pine Grove Hills Quadrangles, Nevada-California: U.S. Geological Survey Open-File Report 67-34, scale 1:62,500.
- U.S. Geological Survey 1981 Total field aeromagnetic anomaly map, Wabuska known geothermal resource area, Nevada: U.S. Geological Survey Open-File Report 81-995, scale 1:24,000.
- U.S. Geological Survey 1977 Aeromagnetic map of Nevada, Reno sheet: Nevada Bureau of Mines and Geology Map 54, scale 1:250,000.
- U.S. Steel Corporation 1965 Aeromagnetic, ground magnetic, induced polarization and geological cross section maps for the Lyon deposit [Lyon Nevada Project], Lyon County, Nevada: Nevada Bureau of Mines and Geology, unpublished map, file no. 188, 30 sheets.
- U.S. Steel Corporation 1971 Drill hole logs for the Lyon Nevada Project [Lyon County]: Nevada Bureau of Mines and Geology, unpublished mining district file, no. 188, item 39, 660p., drill hole location map, scale 1:62,500.
- U.S. Steel Corporation 1966 Mineral survey no. 4879 [general geology for 32 claims, Lyon Nevada Project, Lyon County,

- Nevada]: Nevada Bureau of Mines and Geology, unpublished mining district file, no. 188, item 39, p. 33-34.
- U.S. Steel Corporation 1970 Mineral survey no.4893 [general geology for 24 claims, Lyon Nevada Project, Lyon County, Nevada]: Nevada Bureau of Mines and Geology, unpublished mining district file, no. 188, item 39, p. 42.
- U.S. Steel Corporation 1971 Mineral survey no.4879 [general geology for one claim, Lyon Nevada Project, Lyon County, Nevada]: Nevada Bureau of Mines and Geology, unpublished mining district file, no. 188, item 39, p. 7.
- U.S. Steel Corporation 1972 Mineral survey no. 4898 [general geology for 12 claims, Lyon Nevada Project, Lyon County, Nevada]: Nevada Bureau of Mines and Geology, unpublished mining district file, no. 188, item 39, p. 26-27.
- Unruh, M.E. 1985 Geochemistry and petrology of Triassic granitoids of the Sierra Nevada Batholith, California and Nevada: California State University, Northridge, M.S. Thesis, 94p.
- Van Couvering, J.A. 1962 Geology of the Chilcoot Quadrangle, Plumas and Lassen Counties, California: University of California, Los Angeles, M.A. Thesis.
- Vandenburg, W.O. 1937 Reconnaissance of mining districts in Mineral County, Nevada: U.S. Bureau of Mines Information Circular 6941, 79p.
- Varga, R.J. 1980 Structural and tectonic evolution of the Early Paleozoic Shoo Fly Formation, northern Sierra Nevada Range, California: University of California, Davis, Ph.D. Thesis, 248p.
- Varga, R.J., and Moores, E.M. 1981 Age, origin and significance of an unconformity that predates island-arc volcanism in the northern Sierra Nevada: *Geology*, v. 9, p. 512-518.
- Vetter, U.R., and Ryall, A.S. 1983 Systematic change of focal mechanism with depth in the western Great Basin: *Journal of Geophysical Research*, v. 88, no. B10, p. 8237-8250.
- Vikre, P.G. 1989 Fluid-mineral relations in the Comstock Lode: *Economic Geology*, v. 84, p. 1574-1613.
- Vikre, P.G., McKee, E.H., and Silberman, M.L. 1988 Chronology of Miocene hydrothermal and igneous events in the western Virginia Range, Washoe, Storey, and Lyon Counties, Nevada: *Economic Geology*, v. 83, p. 864-874.
- Vikre, P.G., and McKee, E.H. 1978 New K-Ar ages of hydrothermal minerals and igneous rocks from the western Virginia Range, Washoe and Storey Counties, Nevada: *Isochron/West*, no. 48, p. 11-15.
- Wachter, B.G. 1972 Rapid fresh and altered rock-analysis for exploration reconnaissance; infrared absorption applications in the Monitor district, California: Stanford University, Ph.D. Thesis, 318p.
- Wagner, D.L., Jennings, C.W., Bedrossian, T.L., and Bortugno, E.J., compilers 1981 Geologic map of the Sacramento 1 x 2 Quadrangle, California: California Division of Mines and Geology Map, no. 1A, scale 1:250,000, 4 sheets.

- Walch, C. and Miller, R.H. 1975 Biostratigraphy and depositional environment of the Silurian Roberts Mountain formation, Bullfrog Hills, Nevada, [abs.]: GSA Abstracts with Programs, v. 7, no. 3, p. 384.
- Wallace, A.B. 1975 Geology and mineral deposits of the Pyramid district, southern Washoe County, Nevada: University of Nevada, Reno, Ph.D. Thesis, 162p.
- Wallace, A.B. 1980 Geochemistry of polymetallic veins and associated wall rock alteration, Pyramid district, Washoe County, Nevada: Mining Engineering, v. 32, no. 3, p. 314-320.
- Ware, G.H. 1979 In-situ induced-polarization and magnetic susceptibility measurements - Yerington mine [Lyon County, Nevada]: Geophysics, v. 44, p. 1417-1428.
- Warner, L.A., Holser, W.T., Wilmarth, V.R., and Cameron, E.N. 1959 Occurrence of nonpegmatite beryllium in the United States: U.S. Geological Survey Professional Paper 318, scale 1:12000.
- Weaver, S.G. 1982 The Geology of the Bovard mining district, Gabbs Valley Range, Mineral County, Nevada: University of Nevada, Reno, M.S. Thesis, 84p.
- Week, C.A. 1907 (1912) Assay reports on Kennedy Mines Nevada Bureau of Mines and Geology, unpublished mining district files, no. 35, item 18, 6p.
- Welch, A.H. and Williams, R.P. 1987 Data on ground-water quality for the western Nevada part of the Death Valley 1 x 2 Quadrangle: U.S. Geological Survey Open-File Report 85-0648-M, hydrogeologic map, scale 1:250,000.
- Wetterauer, R.H. 1977 The Mina deflection--a new interpretation based on the history of the Lower Jurassic Dunlap Formation, western Nevada: Evanston, Illinois, Northwestern University, Ph.D. Thesis, 160p.
- Wetteraurer, R.H. 1974 Structural analysis of the Jurassic Dunlap Formation, western Nevada [abs.]: GSA Abstracts with Programs, v. 6, p. 275.
- White, D.E. 1968 Hydrology, activity, and heat flow of the Steamboat Hot Springs thermal system, Washoe County, Nevada: U.S. Geological Survey Professional Paper 458-C, p. C1-C109, map scale 1:10,000.
- White, D.E., Thompson, G.A., and Sandberg, C.H. 1964 Rocks, structure, and geologic history of Steamboat Springs thermal area, Washoe County, Nevada: U.S. Geological Survey Professional Paper 458-B, p. B1-B63, map scale 1:36,000.
- Whitman, R.D. 1976 Lebo gravity [maps]; Conoco Lebo Project, Douglas County, Nevada: Nevada Bureau of Mines and Geology unpublished mining district file, no. 265, item 6, 2p., 6 sheets.
- Wieduwilt, W.G. 1976 Induced polarization and resistivity survey, Conoco Minerals Buckskin Project: Nevada Bureau of Mines and Geology, unpublished mining district files, no. 35, item 15.
- Wieduwilt, W.G. 1976 Induced polarization and resistivity survey, [Conoco] Lebo Project, Douglas County, Nevada: Nevada Bureau

- of Mines and Geology, unpublished mining district file, no. 265, item 6, 10p., map scale 1 in. = 2,000 ft., 6 sheets.
- Wiese, J.H., and others 1950 Geology along the Electra and West Point tunnels, Amador County, California: California Division of Mines, Journal of Mines and Geology, v. 46, no. 1, plate 6, scale 1:48,000.
- Wilden, R., and Speed, R.C. 1974 Geology and mineral deposits of Churchill County, Nevada: Nevada Bureau of Mines and Geology Bulletin 83, 95p, map scale 1:250,000.
- Wilkins, J., Jr. 1984 Gold and silver deposits of the Basin and Range Province, western U.S.A.: Arizona Geological Society Digest, v. 15, 233p.
- Willden, R., and Speed, R.C. 1968 Geology and mineral deposits of Churchill County, Nevada: U.S. Geological Survey Open-File Report 68-329, fig. 2-6, scale 1:24,000.
- Wilshire, H.G. 1957 Propylitization of Tertiary rocks near Ebbetts Pass, Alpine County: California University, Publication in Geological Sciences, v. 32, no. 4., fig. 1, scale 1:31,680.
- Wilson, J.R. 1963 Geology of the Yerington Mine [Lyon County, Nevada]: Mining Congress Journal, v. 49, p. 30-34.
- Wong, G. 1982 Preliminary map of the mineralized areas in the Basin and Range area of Nevada: U.S. Geological Survey Open-File Report 82-1100, 46p., scale 1:500,000.
- Wong, G. 1983 Preliminary map of the resource areas in the Basin and Range Province of Nevada: U.S. Geological Survey Open-File Report 83-721, 37p., scale 1:500,000.
- Wroth, J.S. 1908 Geology of the Lucky Boy Mine, Nevada: Mining and Scientific Press, v. 97, p. 251.
- Yamaguchi, Y., and Lyon, R.J.P. 1985 A comparative field study of spectroradiometers and radiometers as used in geological mapping of a porphyry copper [deposit] at Yerington, Nevada, in: Proceedings of the Nineteenth International Symposium on Remote Sensing of Environment, v. 1, p. 523-532.
- Yeend, W.E. 1974 Gold-bearing gravel of the ancestral Yuba River, Sierra Nevada, California: U.S. Geological Survey Professional Paper 772, 44p., scale 1:62,500, 2 sheets.
- Younce, G.B. 1962 Geology of the southern Singatse Range, Lyon County, Nevada: University of California, Berkeley, M.S. Thesis, 56p.
- Youngs, L.G. 1988 Aeromagnetic map of the Sacramento 1 x 2 Quadrangle, California: California Division of Mines and Geology, Map RGMA 1, scale 1:250,000.
- Youngs, L.G. 1987 Aeromagnetic map of the Chico 1 by 2 Quadrangle, California: California Division of Mines and Geology Open-File Report 87-3, scale 1:250,000.
- Zoback, M.L. and Beanland, S. 1986 Stress and tectonism along the Walker Lane Belt, western Great Basin [abs.]: Eos, Transactions, American Geophysical Union, v. 67, no. 44, p. 1225.
- Zones, C.P. 1958 Petrographic and petrofabric study of the metamorphic rocks north of Carson City, Ormsby [Carson City]

County, Nevada: University of Nevada, Reno, M.S. Thesis,
80p.