INDEX TO GEOLOGIC MAPS IN THE MESA 1° X 2° QUADRANGLE, ARIZONA

by

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Includes 3 maps, scale 1:250,000, and 18 page text (19 photocopy).

This report is preliminary and has not been edited or reviewed for conformity with Arizona Geological Survey standards

INTRODUCTION

This index shows the locations of geologic maps in the Mesa 1° x 2° Quadrangle. Three types of maps are included, as follows: Sheet 1, published maps; Sheet 2, unpublished thesis and dissertation maps; and Sheet 3, unpublished maps on file at the Arizona Geological Survey. The published and unpublished thesis and dissertation maps are listed in this text. The unpublished maps on file at the Arizona Geological Survey are only shown on sheet 3 and are not listed in the text. The text also contains a partial list of citations to geologic studies done in the Mesa 1° x 2° Quadrangle; the location of the study areas for these studies is not shown on the maps.

PUBLISHED MAPS IN THE MESA 1°x 2° QUADRANGLE, ARIZONA

(located on sheet 1)

Anderson, L.W., 1990, Seismotectonic investigation for Coolidge Dam, Arizona: Bureau of Reclamation Seismotectonic Report 90-9, scale 1:84,000.

Anderson, L.W., Piety, L.A., and Hansen, R.A., 1986, Seismotectonic investigation for Stewart Mountain Dam, Salt River Project, Arizona: Bureau of Reclamation Seismotectonic Report 86-2, scale 1:12,250 and 1:24,000.

Anderson, L.W., Piety, L.A., and LaForge, R.C., 1987, Seismotectonic investigation, Theodore Roosevelt Dam, Salt River Project, Arizona: Bureau of Reclamation Seismotectonic Report 87-5, scale 1:48,000.

Banks, N.G., and Krieger, M.H., 1977, Geologic map of the Hayden quadrangle, Pinal and Gila Counties, Arizona: U.S. Geological Survey Quadrangle Map GQ-1391, scale 1:24,000.

Bergquist, J.R., Shride, A.F., and Wrucke, C.T., 1981, Geologic map of the Sierra Ancha Wilderness and Salome Study Area, Gila County, Arizona: U.S. Geological Survey Miscellaneous Field Studies Map MF-1162-A, scale 1:48,000.

Bromfield, C.S., and Shride, A.F., 1954, Mineral Resources of the San Carlos Indian Reservation: U.S. Geological Survey Open-file Report 54-11, scale 1:125,000.

Bromfield, C.S., and Shride, A.F., 1956, Mineral resources of the San Carlos Indian Reservation, Arizona: U.S. Geological Survey Bulletin 1027-N, p. 613-691, scale 1:125,000.

Brown, J.G., 1989, Geology and ground-water resources of the San Carlos Indian Reservation, Gila, Graham, and Pinal Counties, Arizona: U.S. Geological Survey Water Resources Investigations Report 89-4152, scale 1:253,000.

Campbell, M.R., 1904, Deer Creek coal field: U.S. Geological Survey Bulletin 225, p. 240-258, scale 1:187,500.

Chaffee, M.A., 1976, Geochemical exploration techniques based on distribution of selected elements in rocks, soils, and plants, Mineral Butte copper deposit, Pinal County, Arizona: U.S. Geological Survey Bulletin 1278-D, 55 p., scale 1:48,000.

Christenson, G.E., Welsch, D.G., and Pewe, T.L., 1978, Folio of the McDowell Mountains area, Arizona: Arizona Bureau of Geology and Mineral Technology Folio Series No.1, Maps GI-1-A,B, scale 1:48,000.

Cornwall, H.R., Banks, N.G., and Phillips, C.H., 1971, Geologic map of the Sonora quadrangle, Pinal and Gila Counties, Arizona: U.S. Geological Survey Quadrangle Map GQ-1021, scale 1:24,000.

Cornwall, H.R., and Krieger, M.H., 1975, Geologic map of the Grayback quadrangle, Pinal County, Arizona: U.S. Geological Survey Quadrangle Map GQ-1206, scale 1:24,000.

Cornwall, H.R., and Krieger, M.H., 1975, Geologic map of the Kearny quadrangle, Pinal County, Arizona: U.S. Geological Survey Quadrangle Map GQ-1188, scale 1:24,000.

Cornwall, H.R., and Krieger, M.H., 1978, Geologic map of the Hayden quadrangle, Pinal and Gila Counties, Arizona: U.S. Geological Survey Quadrangle Map GQ-1391, scale 1:24,000.

Creasey, S.C., 1984, The Schultze Granite, the Tea Cup Granodiorite, and the Granite Basin Porphyry; a geochemical comparison of mineralized and unmineralized stocks in southern Arizona: U.S. Geological Survey Professional Paper 1303, 41 p., scale 1:62,500.

Creasey, S.C., Jackson, E.D., and Gulbrandsen, R.A., 1961, Reconnaissance geologic map of parts of the San Pedro and Aravaipa Valleys, south-central Arizona: U.S. Geological Survey Mineral Investigation Field Studies Map MF-238, scale 1:125,000.

Creasey, S.C., Peterson, D.W., and Gambell, N.A., 1983, Geologic map of the Teapot Mountain quadrangle, Pinal County, Arizona: U.S. Geological Survey Quadrangle Map GQ-1559, scale 1:24,000.

Davis, G.H., Showalter, S.R., Benson, G.S., McCalmont, L.S., and Cropp, F.W., 1981, Guide to the geology of the Salt River Canyon region, Arizona, in Stone, C, and Jenny, J.P., eds., 1981: Arizona Geological Society Digest 13, p. 47-97, scale 1:31,680.

Ertec (Ertec Western, Inc.; presently Earth Technology Corporation), 1982, Seismotectonic study, Coolidge Dam, Arizona: Consulting report prepared for Water and Power Resources Service (USBR), Denver, Colorado, 39 p.

Faick, J.N., 1958, Geology of the Ord Mine, Mazatzal Mountains quicksilver district, Arizona: U.S. Geological Survey Bulletin 1042-R, p. 685-698, scale 1:6000.

Faulds, J.E, 1989, Geologic map of the Salt River region, Rickinstraw Mountain quadrangle, Gila County, Arizona: Arizona Geological Survey Contributed Map Series CM-89-B, 3 sheets, scale 1:24,000.

Gomez, E., 1979, Geology of part of the south-central New River Mesa quadrangle, Cave Creek area, Maricopa County, Arizona: U.S. Geological Survey Open-file Report 79-1312, 156 p., scale 1:12,000.

Granger, H.C., and Raup, R.B., 1959, Uranium deposits in the Dripping Spring Quartzite, Gila County,

Arizona: U.S. Geological Survey Bulletin 1046-P, p. 415-486, scale 1:12,000.

Granger, H.C., and Raup, R.B., 1969, Geology of uranium deposits in the Dripping Spring Quartzite, Gila County, Arizona: U.S. Geological Survey Professional Paper 595, 108 p., scale 1:12,000.

Hammer, D.F., Webster, R.N., and Lamb, D.C., Jr., 1962, Some geologic features of the Superior area, Pinal County, Arizona, in Weber, R.H., and Peirce, H.W., 1962, Guidebook of the Mogollon Rim region, east central Arizona: New Mexico Geological Society Thirteenth Field Conference Guidebook, p. 148-152, scale 1:63,360.

Hazen, G.E., and Turner, S.F., 1946, Geology and ground-water resources of the upper Pinal Creek area, Arizona: U.S. Geological Survey Open-file Report A4-546, scale 1:63,360.

Huckleberry, G., 1992, Surficial geology of the eastern Gila River Indian Community area, western Pinal County, Arizona: Arizona Geological Survey Open-file Report 92-7, 27 p., 6 sheets, scale 1:24,000.

Huckleberry, G., 1993, Surficial geology of the middle Gila River area, north-central Pinal County, Arizona: Arizona Geological Survey Open-file Report 93-3, 52 p., 5 sheets, scale 1:24,000.

Huckleberry, G., 1993, Surficial geology of the Superstition piedmont area, northern Pinal and eastern Maricopa Counties, Arizona: Arizona Geological Survey Open-file Report 93-15, 33 p., 6 sheets, scale 1:24,000.

Keith S.B., 1983, Results of mapping near Ray, Pinal County, Arizona: Arizona Bureau of Geology and Mineral Technology Open-file Report 83-14, scale 1:12,000.

Koski, R.A., 1979, Geology and porphyry copper-type alteration-mineralization of igneous rocks at the Christmas Mine, Gila County, Arizona: U.S. Geological Survey Open-file Report 79-844, 196 p., scale 1:4800.

Krieger, M.H., 1977, Large landslides, composed of megabreccia, interbedded in Miocene Basin deposits, southeastern Arizona: U.S. Geological Survey Professional Paper 1008, 25 p., scale 1:6000 and 1:12,000.

Lewis, A.S., 1920, Ore deposits of Cave Creek district in Arizona: Engineering and Mining Journal, v. 110, p. 713-716, scale 1:127,000.

Marsh, S.P., 1983, Arsenic and gold mineralization in the McFarland Canyon-Story Mine area, Maricopa County, Arizona: U.S. Geological Survey Open-file Report 83-442, scale 1:6000.

McAllister, J.F., 1955, Geologic maps of the Ord quicksilver mine, Mazatzal Mountains, Arizona: U.S. Geological Survey Open-file Report 4-55, scale 1:2400.

Metz, R.A., Phillips, C.H., and Caviness, C.R., 1968, Recent developments in the geology of the Ray area, in Titley, S.R., ed., 1968, Southern Arizona guidebook: Arizona Geological Society Guidebook III, p. 137-146, scale 1:24,000.

Moore, R.T. and Vuich, J.S., 1977, An evaluation of the olivine resources of the San Carlos Apache Indian Reservation and recommendations for potential development: Arizona Bureau of Mines unpub. manuscript, 27 p., scale 1:24,000.

Moore, R.T., and Peirce, H.W., 1967(a), Geologic map of the Fort Apache Indian Reservation, Arizona, in, Moore, R.T. 1967, Mineral deposits of the Fort Apache Indian Reservation, Arizona: Arizona Bureau of Mines unpub. manuscript, 90 p., scale 1:127,000.

Moore, R.T., and Peirce, H.W., 1967(b), Geologic map of the Fort Apache Indian Reservation, Arizona, in Moore, R.T., 1967, Mineral deposits of the Fort Apache Indian Reservation, Arizona: Arizona Bureau of Mines Bulletin 177, scale 1:250,000.

O'Neill, N.A., 1988, Stewart Mountain Dam and Reservoir, Salt River Project, Arizona: U.S. Bureau of Reclamation Safety of Dams Report, Pheonix, Arizona, scale 1:12,000.

Peterson, D.W., 1960, Geology of the Haunted Canyon quadrangle, Arizona: U.S. Geological Survey Quadrangle Map GQ-128, scale 1:24,000.

Peterson, D.W., 1962, Preliminary geologic map of the western part of the Superior quadrangle, Pinal County, Arizona: U.S. Geological Survey Mineral Investigation Field Studies Map MF-253, scale 1:12,000.

Peterson, D.W., 1966, The geology of Picketpost Mountain, northeast Pinal County, Arizona: Arizona Geological Society Digest 8, p. 159, scale 1:24,000.

Peterson, D.W., 1968, Zoned ash-flow sheet in the region around Superior, Arizona, in Titley, S.R., ed., 1968, Southern Arizona guidebook: Arizona Geological Society Guidebook III, p. 215-222, scale 1:79,200.

Peterson, D.W., 1969, Geologic map of the Superior quadrangle, Pinal County, Arizona: U.S. Geological Survey Quadrangle Map GQ-818, scale 1:24,000.

Peterson, D.W., and Jinks, J.E., 1983, Mineral resource potential of the Superstition Wilderness and Contiguous Roadless Area, Maricopa, Pinal, and Gila Counties, Arizona: U.S. Geological Survey Open-file Report 83-885, 34 p., scale 1:48,000.

Peterson, N.P., 1954, Geology of the Globe quadrangle, Arizona: U.S. Geological Survey Quadrangle Map GQ-41, scale 1:24,000.

Peterson, N.P., 1961, Preliminary geologic map of the Pinal Ranch quadrangle, Arizona: U.S. Geological Survey Mineral Investigation Field Studies Map MF-81, scale 1:24,000.

Peterson, N.P., 1962, Geology and ore deposits of the Globe-Miami District, Arizona: U.S. Geological Survey Professional Paper 342, scale 1:12,000.

Peterson, N.P., 1963, Geology of the Pinal Ranch quadrangle, Arizona: U.S. Geological Survey Bulletin 1141-H, 18 p., scale 1:24,000.

Peterson, N.P., Gilbert, C.M., and Quick, G.L., 1951, Geology and ore deposits of the Castle Dome area, Gila County, Arizona: U.S. Geological Survey Bulletin 971, 134 p., scale 1:6000.

Peterson, N.P., Gilbert, C.M., Quick, G.L., Dorr, J.V.N. II, Benjar, W., and MacKallor, J.A., 1953, Geology of the Inspiration quadrangle (the northeastern corner): U.S. Geological Survey Open-file Report 53-0. scale 1:12,000.

Peterson, N.P. and Swanson, R.W., 1956, Geology of the Christmas Copper Mine, Gila County, Arizona: U.S. Geological Survey Bulletin 1027-H, scale 1:4800.

Pewe, T.L., 1978, Terraces of the lower Salt River valley in relation to the Late Cenozoic history of the Phoenix basin, Arizona, in Burt, D.M., and Pewe, T.L., eds., 1978, Guidebook to the geology of central Arizona: Arizona Bureau of Geology and Mineral Technology Special Paper No.2, p. 1-45, scale 1:32,000.

Pewe, T.L., Wellendorf, C.S., and Bales, J.T., 1986, Folio of the Tempe quadrangle, Arizona: Arizona Bureau of Geology and Mineral Technology Folio Series No.2, Maps GI-2-A,B,C, scale 1:24,000.

Piety, L.A., and Anderson, L.W., 1990, Seismotectonic investigation for Horseshoe and Bartlett Dams, Salt River Project, Arizona: U.S. Bureau of Reclamation Seismotectonic Report 90-7, scale 1:48,000.

Ransome, F.L., 1903, Geology of the Globe copper district, Arizona: U.S. Geological Survey Professional Paper 12, 168 p., scale 1:12,000.

Ransome, F.L., 1904, Description of the Globe quadrangle, Arizona: U.S. Geological Survey Geological Atlas Folio 111, 17 p., scale 1:62,500.

Ransome, F.L., 1919, The copper deposits of Ray and Miami: U.S. Geological Survey Professional Paper 115, scale 1:125,000.

Ransome, F.L., 1923, Description of the Ray quadrangle, Arizona: U.S. Geological Survey Geological Atlas Folio 217, 24 p., scale 1:62,500.

Reed, E.F., and Simmons, W.W., 1962, Geological notes on the Miami-Inspiration Mine, in Weber, R.H., and Peirce, H.W., 1962, Guidebook of the Mogollon Rim region, east central Arizona: New Mexico Geological Society Thirteenth Field Conference Guidebook, p. 153-157, scale 1:90,500.

Reynolds, S.J., 1985, Geology of the South Mountains, central Arizona: Arizona Bureau of Mines and Mineral Technology Bulletin 195, scale 1:24,000.

Roller, J.A., 1991, Geologic map of the central Mazatzal Mountains, central Arizona: Arizona Geological Survey Contributed Map Series CM-91-F, 2 sheets, scale 1:10,000.

Ross, C.P., 1925, Geology and ore deposits of the Aravaipa and Stanley mining districts, Graham County, Arizona: U.S. Geological Survey Bulletin 763, 120 p., 13 plates, scale 1:125,000.

Ross, C.P., 1925, Ore deposits of the Saddle Mountain and Banner mining districts, Arizona: U.S. Geological Survey Bulletin 771, 72 p., scale 1:62,500.

Royse, C.F., Jr., and Barsch, D., 1971, Terraces and pediment-terraces in the southwest; an interpretation: Geological Society of America Bulletin, v.82, p. 3177-3182, scale 1:96,000.

Scarborough, R.B., 1981, Reconnaissance geology; Salt River from Roosevelt Dam to Granite Reef Dam, central Arizona: Arizona Bureau of Geology and Mineral Technology Open-file Report 81-30, 70 p., scale 1:38,000.

Schmidt, E.A., 1989, Geologic map and cross-sections of the northern Tortilla Mountains, Pinal County, Arizona: Arizona Geological Survey Contributed Map Series CM-89-A, 6 sheets, scale 1:12,000.

Sharp, B.J., 1956, Preliminary report on a uranium occurrence and regional geology in the Cherry Creek area, Gila County, Arizona: U.S. Atomic Energy Commission Report RME-2036 (rev.), 14 p., scale 1:36,000.

Sheridan, M.F., 1968, Volcanic geology along the western part of the Apache Trail, Arizona, in Titley, S,.R., ed., 1968, Southern Arizona guidebook: Arizona Geological Society Guidebook III, p. 227-229, scale 1:117,000.

Sheridan, M.F., The Superstition Couldron complex, in Burt, D.M., and Pewe, T.L., eds., 1978, Guidebook o the geology of central Arizona: Arizona Bureau of geology and Mineral Technology Special Paper No.2, p. 85-96, scale 1:32,000.

Short, M.N., Galbraith, F.W., Harshman, E.N., Kuhn, T.H., and Wilson, E.D., 1943, Geology and ore deposits of the Superior mining area: Arizona Bureau of Mines Bulletin 151, scale 1:12,000.

Simons, F.S., 1987, Geologic map of the Fishhooks Wilderness Study Area, Graham County, Arizona: U.S. Geological Survey Miscellaneous Field Studies Map MF-1919, scale 1:24,000.

Simons, F.S., Theobald, P.K., Tidball, R.R., Erdman, J.A., Harms, T.F., Griscom, A., and Ryan, G.S., 1987, Mineral resources of the Needle Eye Wilderness Study Area, Gila County, Arizona: U.S. Geological Survey Bulletin 1703-B, scale 1:24,000.

Skotnicki, S.J., 1992, Geologic map of the Sycamore Creek region, Maricopa County, Arizona: Arizona Geological Survey Contributed Map Series CM-92-D, scale 1:24,000.

Smith, D., and Silver, L.T., 1975, Potassic granophyre associated with Precambrian diabase, Sierra Ancha, central Arizona: Geological Society of America Bulletin, v.86, p. 503-513, scale 1:92,000,

Theodore, T.G., Kieth, W.J., Till, A.B., Peterson, J.A., and Creasey, S.C., 1978, Preliminary geologic map of the Mineral Mountain quadrangle, Arizona: U.S. Geological Survey Open-file Report 78-468, scale 1:24,000.

Weist, W.G., Jr., 1971, Geology and ground-water system in the Gila River Phreatophyte Project area,

Graham County, Arizona: U.S. Geological Survey Professional Paper 655-D, scale 1:24,000.

Wellendorf, C.S., 1987, Regional geology of Tonto Basin for the modification of Theodore Roosevelt Dam: U.S. Bureau of Reclamation Safety of Dams Project 25-330-G-100, scale 1:48,000.

Wessels, R.L., 1991, Geologic map of the Jakes Corner area and geologic cross-sections of Early Proterozoic rocks of the Jakes Corner area, northern Sierra Anchas, Gila County, Arizona: Arizona Geological Survey Contributed Map Series CM-91-I, scale 1:10,000.

Willden, C.R., 1964, Geology of the Christmas quadrangle, Gila and Pinal Counties, Arizona: U.S. Geological Survey Bulletin 1161-E, 64 p.

Wilson, E.D., 1939, Precambrian Mazatzal revolution in central Arizona: Geological Society of America Bulletin, v.50, no.7, p. 1131-1164, scale 1:63,360.

Wilson, E.D., 1963(a), Mineral deposits of the Gila River Indian Reservation, Arizona: Arizona Bureau of Mines unpub. manuscript, 35 p., scale 1:125,000.

Wilson, E.D., 1963(b), Mineral deposits of the Gila River Indian Reservation, Arizona: Arizona Bureau of Mines Bulletin 179, scale 1:125,000.

Wohletz, K.H., 1978, The eruptive mechanism of the Peridot Mesa vent, San Carlos, Arizona, in Burt, D.M., and Pewe, T.L., eds., 1978, Guidebook to the geology of central Arizona: Arizona Bureau of Geology and Mineral Technology Special Paper No.2.

Wrucke, C.T., and Conway, C.M., 1987, Geologic map of the Mazatzal Wilderness and Contiguous Roadless Area, Gila, Maricopa, and Yavapai Counties, Arizona: U.S. Geological Survey Open-file Report 87-664, 22 p., scale 1:48,000.

THESES IN THE MESA 1°x 2° QUADRANGLE, ARIZONA

(located on sheet 2)

Alvis, Mark R., 1984, Metamorphic petrology, structural and economic geology of a portion of the central Mazatzal Mountains, Gila and Maricopa Counties, Arizona: Flagstaff, Northern Arizona University unpub. M.S. thesis, 29 p., scale 1:6000.

Aylor, Joseph Garnett, Jr., 1973, The geology of Mummy Mountain, Phoenix, Arizona: Tempe, Arizona State University unpub. M.S. thesis, 86 p., scale 1:9750.

Bales, James, 1985, Environmental geology of the Tempe quadrangle, Maricopa County, Arizona; Part II: Tempe, Arizona State University unpub. M.S. thesis, 103 p., 12pl., scale 1:24,000.

Balla, J.C., 1972, The relationship of Laramide stocks to regional structure in central Arizona: Tucson, University of Arizona unpub. Ph.D. dis., 132 p., 1:127,000.

Barrett, L.F., 1972, Igneous intrusions and associated mineralization in the Saddle Mountain mining district, Pinal County, Arizona: Salt Lake City, University of Utah unpub. M.S. thesis, 90 p., scale 1:24,000.

Benjar, Waldomere, 1952, Geology of the Ruin Basin area, Gila County, Arizona: Tucson, University of Arizona unpub. Ph.D. dis., 103 p., scale 1:12,000.

Bishop, Ottey Manley, 1935, Geology and ore deposits of the Richmond Basin area, Gila County, Arizona: Tucson, University of Arizona unpub. M.S. thesis, 46 p., scale 1:4800.

Bowie, M.R., 1985, Geology of the Dripping Springs Valley chabazite and related zeolite deposits, southeast Arizona and southwest New Mexico: Socorro, New Mexico Tech unpub. M.S. thesis, scale 1:10,000.

Bradfish, L.J., 1979, Petrogenesis of the Tea Cup Granodiorite, Pinal County, Arizona: Tucson, University of Arizona unpub. M.S. thesis, 160 p., scale 1:63,360.

Bruck, Glenn Ralph, 1983, Engineering and environmental geology of the Guadalupe quadrangle, Maricopa County, Arizona; Part I: Tempe, Arizona State University unpub. M.S. thesis, 76 p., scale 1:24,000.

Bruneau, J.A., 1981, Geologic map of a portion of the Salt River Canyon area and the geochemistry of the Tomato Juice Uranium Mine, Gila County, Arizona: Socorro, New Mexico Tech unpub. M.S. thesis, scale 1:24,000.

Christenson, Gary E., 1975, Environmental geology of the McDowell Mountains area, Maricopa County, Arizona; Part I: Tempe, Arizona State University unpub. M.S. thesis, 69 p., 8 plates, scale 1:24,000.

Clayton, Nancy Ann, 1975, Land use planning: Dinosaur Mountain area, Pinal County, Arizona: Tempe, Arizona State University unpub. M.S. thesis, 57 p., scale 1:24,000.

Cordy, Gail E., 1978, Environmental geology of the Paradise Valley quadrangle, Maricopa County, Arizona; Part II: Tempe, Arizona State University unpub. M.S. thesis, 89 p., scale 1:24,000.

Couch, Nathan Pierce, Jr., 1981, Metamorphism and reconnaissance geology of the eastern McDowell Mountains, Maricopa County, Arizona: Tempe, Arizona State University unpub. M.S. thesis, 57 p., scale 1:24,000.

Cuffney, R.G., 1977, Geology of the White Ledges area, Gila County, Arizona: Golden, Colorado School of Mines unpub. M.S. thesis, 141 p., scale 1:24,000.

Doorn, Peter Karl, 1989, Geologic and gravimetric investigations of the Carefree Basin, Maricopa County, Arizona: Tempe, Arizona State univ. unpub. M.S. thesis, 307 p., scale 1:24,000.

Durand, H.S., 3rd, 1967, Geology of the Saguaro Lake area, Maricopa County, Arizona: Tucson, University of Arizona unpub. M.S. thesis, 51 p., scale 1:10,560.

Estrada, Juan Jose, 1987, Geology of the Four Peaks area, Arizona: Tempe, Arizona State University unpub. M.S. thesis, 76 p., scale 1:10,000.

Faulds, J.E., 1986, Tertiary geologic history of the Salt River Canyon region, Gila County, Arizona: Tucson, University of Arizona unpub. M.S thesis, 319 p., scale 1:24,000.

Fodor, Ronald victor, 1969, Petrography and petrology of the volcanic rocks in the Goldfield Mountains, Arizona: Tempe, Arizona State University unpub. M.S. thesis, 66 p., scale 1:24,000.

Galbraith, Frederic William, III, 1935, Geology of the Silver King area, Superior, Arizona: Tucson, University of Arizona unpub. Ph.D. dis., 205 p., scale 1:7200.

Gomez, Ernest, 1979, Geology of the south-central part of the New River Mesa quadrangle, Cave Creek area, Maricopa County, Arizona:: Flagstaff, Northern Arizona University unpub. M.S. thesis, 144 p., scale 1:12,000.

Gorey, Timothy L., 1990, Stream terraces of middle Cave Creek, Maricopa County, Arizona: Tempe, Arizona State University unpub. M.S. thesis, 96 p., 2 pl., scale 1:24,000.

Harshman, Elbert Nelson, 1939, Geology of the Belmont-Queen Creek area, Superior, Arizona: Tucson, University of Arizona unpub. Ph.D. dis., 167 p., scale 1:6000.

Holway, Jeffrey V., 1977, Environmental geology of the Paradise Valley quadrangle, Maricopa County, Arizona; Part I: Tempe, Arizona State University unpub. M.S. thesis, 64 p., scale 1:24,000.

Hoyos-Patino, Fabian, 1986, Environmental geology of the Chandler quadrangle, Maricopa County, Arizona; Part I: Tempe, Arizona State University unpub. M.S. thesis, 87 p., 8pl., scale 1:24,000.

Jagiello, Kieth James, 1987, Structural evolution of the Phoenix Basin, Arizona: Tempe, Arizona State University unpub. M.S. thesis, 157 p., scale 1:24,000.

Jordan, Mark Steven, 1983, Environmental and engineering geology of the Guadalupe quadrangle, Maricopa County, Arizona; Part II: Tempe, Arizona State University unpub. M.S. thesis, 61 p., scale 1:24,000.

Kenny, Ray, 1986, Reconnaissance environmental geology of the Tonto Foothills, Scottsdale, Arizona: Tempe, Arizona State University unpub. M.S. thesis, 160 p., 4pl., scale 1:24,000.

Kiersch, George A., 1947, The geology and ore deposits of the Seventy-Nine mine area, Gila County, Arizona: Tucson, University of Arizona unpub. Ph.D. dis., 124 p., scale 1:12,000.

Kilbey, Thomas Ryan, 1986, Geology and structure of the Goldfield mining district, central Arizona: Tempe, Arizona State University unpub. M.S. thesis, 254 p., scale 1:10,000.

Kokalis, Peter George, 1971, Terraces of the lower Salt River Valley, Arizona: Tempe, Arizona State University unpub. M.S. thesis, 104 p., scale 1:50,000.

Little, Lynne A., 1975, Geology and land-use investigation in the Pinnacle Peak area, Maricopa County, Arizona: Tempe, Arizona State University unpub. M.S. thesis, 102 p., 5pl., scale 1:14,400.

Livingston, D.E., 1969, Geochronology of older Precambrian rocks in Gila County, Arizona: Tucson, University of Arizona unpub. Ph.D. dis., 224 p., scale 1:35,000.

Ludwig, K.R., 1974, Precambrian geology of the central Mazatzal Mountains, Arizona (Part I), and lead isotope heterogeneity in Precambrian igneous feldspars (Part II): Pasadena, CalTech unpub. Ph.D. dis., 363 p., scale 1:24,000.

Malone, Gary Bruce, 1972, The geology of the volcanic sequence in the Horse Mesa area, Arizona: Tempe, Arizona State University unpub. M.S. thesis, 68 p., scale 1:24,000.

Mayes, Hilary B., 1990, Cenozoic stratigraphy and depositional history of the northern Tonto Basin, Gila County, Arizona: Flagstaff, Northern Arizona University unpub. M.S. thesis, 133 p., scale 1:24,000.

Montz, Melissa Jean, 1982, Environmental geology of the Rio Salado Development District central part: Tempe, Arizona State Univ. unpub. M.S. thesis, 66 p., scale 1:24,000.

Nelson, E.W., 1966, The geology of Picketpost Mountain, Pinal County, Arizona: Tucson, University of Arizona unpub. M.S. thesis, 123 p., scale 1:6000.

Orr, Richard, 1990, Geology and mineralization associated with the Early Proterozoic Alder Group, the Sunflower mining district, Maricopa and Gila Counties, Arizona: Tucson, University of Arizona unpub. M.S. thesis, 143 p., scale 1:6000.

Pope, Clifton Washington, Jr., 1974, Geology of the Lower Verde River Valley, Maricopa County, Arizona: Tempe, Arizona State University unpub. M.S. thesis, 104 p., 5pl., scale 1:24,000.

Prowell, Sarah Eddings, 1984, Stratigraphic and structural relations of the north-central Superstition volcanic field: Tempe, Arizona State University unpub. M.S. thesis, 122 p., scale 1:190,000.

Puckett, James Carl, 1970, Petrographic study of a quartz diorite stock near Superior, Pinal County, Arizona: Tucson, University of Arizona unpub. M.S. thesis, 48 p., scale 1:4400.

Reed, J.R., 1988, Geology and geochemistry of the Proterozoic-age Alder Group, central Mazatzal Mountains, Arizona: Socorro, New Mexico Tech unpub. M.S. thesis, scale 1:24,000.

Reynolds, Stephen James, 1982, Geology and geochronology of the South Mountains, central Arizona: Tucson, University of Arizona unpub. Ph.D. dis., 220 p., scale 1:24,000.

Robertson, John Andrew, 1986, Environmental geology of the Chandler quadrangle, Maricopa County, Arizona; Part II: Tempe, Arizona State University unpub. M.S. thesis, 102 p., 13pl., scale 1:24,,000.

Roller, Julia A., 1987, Geometric and kinematic analysis of the Proterozoic Upper Alder Group and the Slate Creek movement zone, central Mazatzal mountains, central Arizona: Flagstaff, Northern Arizona University unpub. M.S. thesis, 105 p., scale 1:10,000.

Schmidt, E.A., 1967, Geology of the Mineral Mountain quadrangle, Pinal County, Arizona: Tucson, University of Arizona unpub. M.S. thesis, 111 p., scale 1:24,000.

Schmidt, E.A., 1971, A structural investigation of the northern Tortilla Mountains, Pinal County, Arizona: Tucson, University of Arizona unpub. Ph.D. dis., 248 p., scale 1:12,000.

Schofield, Richard Edward, 1976, The petrology and geochemistry of the Cienega Falls diabase sill, Salt River Canyon area, Gila County, Arizona: Tucson, University of Arizona unpub. M.S. thesis, 68 p., scale 1:6000.

Schulten, Cathy S., 1979, Environmental geology of the Tempe quadrangle, Maricopa County, Arizona; Part I: Tempe, Arizona State University unpub. M.S. thesis, 101 p., scale 1:24,000.

Shank, Douglas Carl, 1973, Environmental geology in the Phoenix Mountains, Maricopa County, Arizona: Tempe, Arizona State University unpub. M.S. thesis, 39 p., 7pl., scale 1:15,000.

Simmonns, Woodrow W., 1938, The geology of the Cleveland Mine area, Gila County, Arizona: Tucson, University of Arizona unpub. M.S. thesis, 22 p., scale 1:4800.

Skotnicki, Steven Justin, 1992, Geology of the Sycamore Creek region, Maricopa County, Arizona: Tempe, Arizona State University unpub. M.S. thesis, 126 p., 2pl., scale 1:24,000.

Stuckless, John Shearing, 1969, The geology of the volcanic sequence associated with the Black Mesa caldera, Arizona: Tempe, Arizona State University unpub. M.S. thesis, 76 p., scale 1:24,000.

Suneson, Neil H., 1976, The geology of the northern portion of the Superstition-Superior volcanic field, Arizona: Tempe, Arizona State University unpub. M.S. thesis, 123 p., 2pl., scale 1:48,000.

Throop, Allen Harrison, 1970, The nature and origin of black chrysocolla at the Inspiration Mine, Arizona: Tucson, University of Arizona unpub. M.S. thesis, 57 p., scale 1:2400.

Turek, Frank, 1975, Environmental geology of the Apache Junction quadrangle, Arizona: Tempe, Arizona State University unpub. M.S. thesis, 58 p., scale 1:48,000.

Vance, R., 1983, Geology of the Hardt Creek-Tonto Creek area, Gila County, Arizona: Flagstaff, Northern Arizona University unpub. M.S. thesis, 99 p., scale 1:24,000.

Wardwell, Henry R., 1941, The geology of the Potts Canyon mining area near Superior, Arizona: Tucson, University of Arizona unpub. M.S. thesis, 104 p., scale 1;7200.

Welsch, Dennis G., 1977, Environmental geology of the McDowell Mountains area, Maricopa County, Arizona; Part II: Tempe, Arizona State University unpub. M.S. thesis, 68 p., scale 1:24,000.

Wessels, Rick, 1990, Re-evaluation of the Slate Creek Shear Zone; structure of Early Proterozoic rocks, northern Sierra Anchas, Gila County, Arizona: Flagstaff, Northern Arizona University unpub. M.S. thesis, 81 p., scale 1:10,000.

Wilson, Kim Suzanne, 1984, The geology and epithermal silver mineralization of the Reymert Mine, Pinal County, Arizona: Tucson, University of Arizona unpub. M.S. thesis, 100 p., scale 1:4800.

MISCELLANEOUS REFERENCES IN THE MESA 1°x 2° QUADRANGLE, ARIZONA
(not located on map sheets)

Anderson, C.A., and Wirth, K.R., 1980, Uranium potential in Precambrian conglomerates of the central Arizona arch: U.S. Department of Energy Open-file Report GJBX-33(81), 122 p.

Ashwill, W.R., and Magleby, D.N., 1958, Compilation of radioactive occurrences in Maricopa and Pinal Counties, Arizona: U.S. Atomic Energy Commission Report RME-2078.

Banks, N.G., 1976, Halogen contents of igneous minerals as indicators of magmatic evolution of rocks associated with the Ray copper deposit, Arizona: U.S. Geological Survey Journal of Research, v.4, p. 91-117.

Banks, N.G., Cornwall, H.R., Silberman, M.L., Creasey, S.C., and Marvin, R.F., 1972, Chronology of intrusions and ore deposition at Ray, Arizona: Economic Geology, v.67, p. 864-878.

Banks, N.G., and Stuckless, J.S., 1973, Chronology of intrusion and ore deposition at Ray, Arizona-Part 2, fission-track ages: Economic Geology, v.68, p. 657-664.

Chaffee, M.A., and Hessin, T.D., 1971, An evaluation of geochemical sampling in the search for concealed "porphyry" copper-molybdenum deposits on pediments in southern Arizona, in Geochemical Exploration (International Geochemical Exploration Symposium, 3rd Preceding): Canadian Institute of Mining and Metallurgy Special Vol. 11, p. 401-409.

Condie, K.C., and DeMalas, J. p., 1985, The Pinal Schist-an Early Proterozoic quartz wacke association in southeastern Arizona: Precambrian Research, v.27, p. 337-356.

Cox, R., Karlstrom, K.E., and Cullers, R.L., 1991, Rare-earth element chemistry of Early Proterozoic argillites, central Arizona; constraints on stratigraphy, in Karlstrom, K.E., 1991, Proterozoic geology and ore deposits of Arizona: Arizona Geological Society Digest 19, p. 57-66.

Creasey, S.C., 1980, Chronology of intrusion and deposition of porphyry copper ores, Globe-Miami district, Arizona: Economic Geology, V.75, no.6, p. 830-844.

Dickinson, W.R., 1991, Tectonic setting of faulted Tertiary strata associated with the Catalina core complex in southern Arizona: Geological Society of America Special Paper 264, 106 p., scale 1:125,000.

Elston, D. p., and Young, R.A., 1991, Cretaceous-Eocene (Laramide) landscape development and Oligocene-Pliocene drainage reorganization of Transition Zone and Colorado Plateau, Arizona: Journal of Geophysical Research, v.96, No.B7, p. 12,389-12,406.

Ertec (Ertec Western, Inc.; presently Earth Technology Corporation), 1981, Seismotectonic study, Bartlett Dam, Arizona: Consulting Report for the U.S. Water and Power Resources Service, 33 p.

Ertec (Ertec Western, Inc.; presently Earth Technology Corporation), 1981, Seismotectonic study, Horse Mesa Dam, Arizona: Consulting Report for the U.S. Water and Power Resources Service, 37

p.

Gallentine, J.M., Karlstrom, K.E., Parnell, R.A., Jr., and Puls, D., 1991, Constraints on temperatures of Proterozoic metamorphism in low-grade rocks of central Arizona, in Karlstrom, K.E., 1991, Proterozoic geology and ore deposits of Arizona: Arizona Geological Society Digest 19, p. 165-180.

Globe Field Office Staff, 1955, Generalized description of Dripping Spring Quartzite and associated uranium deposits, Sierra Ancha mining district, Gila County, Arizona: U.S. Atomic Energy Commission Report TM-260.

Harrer, C.M., 1964, Reconnaissance of iron resources in Arizona: U.S. Bureau of Mines Information Circular 8236, 204 p.

Heidecker, E.J., 1978, Precambrian mineralization in basalt flows on evaporites, Aztec Peak, Arizona: Economic Geology, v. 73, p. 106-108.

Helsley, C.E., and Spall, H., 1972, Paleomagnatism of 1140 to 1150 million-year diabase sills from Gila County, Arizona:: Journal of Geophysical Research, v.77, p. 2115-2128.

Houser, B.B., 1990, Late Cenozoic stratigraphy and tectonic of Safford, Tonto, and Payson Basins, southeastern and central Arizona, in Gehrels, G.E., and Spencer, J.E., 1990, Geologic excursions through the Sonoran Desert region, Arizona and Sonora: Arizona Geological Society Special Paper 7.

Huddle, J.W., and Dobrovolny, E., 1950, Devonian and Mississippian rocks of central Arizona: U.S. Geological Survey Professional Paper 233-D.

Kaiser, E. p., 1951, Uraniferous quartzite, Red Bluff Prospect, Gila County, Arizona: U.S. Geological Survey Trace Elements Memorandum Report 210.

Karlstrom, K.E., and Conway, C.M., 1986, Deformational styles and contrasting lithostratigraphic sequences within an Early Proterozoic orogenic belt, central Arizona, in Nations, J.D., and others, eds., 1986, Geology of central and northern Arizona: Geological Society of America Rocky Mountain Section, Field Trip Guidebook, p. 1-25.

Karlstrom, K.E., Doe, M.F., Wessels, R.L., Bowring, S.A., Dann, J.C., and Williams, M.L., 1990, Juxtaposition of Proterozoic crustal blocks; 1.65-1.60 Ga Mazatzal Orogeny, in Gehrels, G.E., and Spencer, J.E., 1990, Geologic excursions through the Sonoran Desert region, Arizona and Sonora: Arizona Geological Society Special Paper 7.

Keith, S.B., 1985, Laramide, Galiuro, and the San Andreas Orogenies, Ray-Superior area, Pinal County, Arizona: Arizona Geological Society 1985 Fall Field Trip Guidebook.

Kiersch, G.A., 1949, Structural control and mineralization at the Seventy-Nine Mine, Gila County, Arizona: Economic Geology, v.44, p. 24-39.

Krieger, M.H., 1968, Stratigraphic relations of the Troy Quartzite (Younger Precambrian) and the

Cambrian formations in southeastern Arizona, in Titley, S.R., 1968, Southern Arizona: Arizona Geological Society Guidebook III.

Lance, J.F., Downey, J.S., and Alford, M., 1962, Cenozoic sedimentary rocks of Tonto Basin, in Weber, R.H., and Peirce, H.W., 1962, Guidebook of the Mogollon Rim region, east-central Arizona: New Mexico Geological Society 13th Field Conference Guidebook.

Lee, W.T., 1904, Underground waters of the Gila Valley, Arizona: U.S. Geological Survey Water-Supply and Irrigation Paper No.104.

Lee, W.T., 1905, Underground waters of the Salt River Valley, Arizona: U.S. Geological Survey Water-Supply and Irrigation Paper No.136.

Lindsay, E.H., and Lundin, R.F., 1972, An Oligocene Oreodont (Mammalia: Artiodactyla) from central Arizona: Journal of Paleontology, v.46, No.1, p. 115-119.

Luning, R.H., Thiede, D.S., O'Neill, A.J., Nystrom, R.J., and White, D.L., 1982, National Uranium Resource Evaluation, Mesa quadrangle, Arizona: Department of Energy Uranium Resource Evaluation Report PGJ/F-032(82), 84 p., 17pl.

McConnell, R.L., 1972, The Apache Group (Proterozoic) of central Arizona, with special reference to the paleoecology of the Mescal Formation: Santa Barbara, UCSB unpub. Ph.D. dis., 170 p.

Mead, W.E., and Wells, R.L., 1953, Preliminary reconnaissance of the Dripping Spring Quartzite Formation in Gila and Pinal Counties, Arizona: U.S. Atomic Energy Commission Report RME-4037, 9 p.

Mehase, J., 1925, Asbestos deposits of Arizona: Engineering and Mining Journal Press, v.120, No.21, p. 805-810.

Metz, R.A., and Rose, A.W., 1966, Geology of the Ray copper deposit, in Titley, S.R., and Hicks, C.L., eds., 1966, Geology of the Porphyry Copper Deposits, Southwestern North America: Tucson, University of Arizona Press, p. 177-188.

Miller, M.V., 1991,Bartlett Dam Modifications, Salt River Project, Arizona: U.S. Bureau of Reclamation Design Data and Geology Report, Phoenix, Arizona.

Moore, R.T., and Varga, R.J., 1976, Maps showing nonmetallic mineral deposits in the Phoenix area, Arizona: U.S. Geological Survey Miscellaneous Investigation Series Map I-845-J, scale 1:250,000.

Nations, J.D., 1988, Stratigraphy and tectonic significance of Cenozoic basin-fill sediments, Tonto Basin, Arizona, in Field Trip Guidebook to the Tonto Basin, Arizona: Friends of the Pleistocene-Rocky Mountain Cell, October 14-15, 1988, p. 165-186.

Nehru, C.E., and Prinz, M., 1970, Petrologic study of the Sierra Ancha sill complex, Arizona: Geological Society of America Bulletin, v.81, p. 1733-1766.

Nutt, C.J., 1984, Strata-bound uranium deposits in the Dripping Spring Quartzite, Gila County, Arizona, USA, in Ferguson, J., ed., Proterozoic unconformity and strata-bound uranium deposits: Report of the working group on uranium geology organized by the International Atomic Energy Agency TECDOC-315, p. 95-113.

Olmstead, H.W., and Johnson, D.W., 1966, Inspiration geology, in Titley, S.R., and Hicks, C.L., eds., 1966, Geology of the Porphyry Copper Deposits, Southwestern North America: Tucson, University of Arizona Press, p. 143-150.

O'Neill, N.A., 1984, Modification geology report for Coolidge Dam, Bureau of Indian Affairs (Safety of Dams): U.S. Bureau of Reclamation, Lower Colorado Region, Boulder City, Nevada.

Pearthree, p.A., and Scarborough, R.B., 1984, Reconnaissance analysis of possible Quaternary faulting in central Arizona: Arizona Bureau of Geology and Mineral Technology Open-file Report 85-4.

Peterson, N. p., 1954, Copper Cities copper deposit, Globe-Miami district, Arizona: Economic Geology, v.49, no.4, p. 362-377.

Peirce, H.W., 1967, Geologic Guidebook 2-Highways of Arizona, Arizona Highways 77 and 177: Arizona Bureau of Mines Bulletin 176.

Rabb, D.D., and Vuich, J.S., 1975, San Carlos Indian Reservation Peridot Mine: Arizona Bureau of Mines Inspection Report B75-2.

Reynolds, S.J., and DeWitt, E., 1991, Proterozoic geology of the Phoenix region, central Arizona, in Karlstrom, K.E., 1991, Proterozoic geology and ore deposits of Arizona: Arizona Geological Society Digest 19, p. 237-250.

Rubly, G.R., 1938, Miami-Inspiration district: Arizona Bureau of Mines Bulletin 145, p. 66-72.

Royse, C.F., Sheridan, M.F., and Peirce, H.W., 1971, Geologic Guidebook 4-Highways of Arizona, Arizona Highways 87,88, and 188: Arizona Bureau of Mines Bulletin 184.

Scarborough, R.B., 1979, Report on the general geologic history of the Mesa NTMS quadrangle with accompanying 1:250,000 compilation maps of geology and metallic mineral occurrences: Arizona Bureau of Geology and Mineral Technology Open-file Report 79-3, 78 p., 2pl.

Scarborough, R.B., and Pearthree, p.A., 1987, Reconnaissance assessment of Quaternary faulting in the Gila River region from San Carlos Reservoir to Coolidge, Arizona: Arizona Geological Survey Open-file Report 88-15.

Schumacher, D. (compiler), 1971, Geology along Arizona Highways 77 and 87 between Tucson, Holbrook and Phoenix: Field Trip Guidebook, 4th Annual Meeting of the American Association of Stratigraphic Palynologists.

Schumann, H.H., and Thomsen, B.W., 1972, Hydrologic regime of Lower Tonto Creek Basin, Gila County, Arizona-a reconnaissance study: Arizona Water Commission Bulletin 3, 39 p.

Schwartz, R.J., 1957, Uranium occurrences of Gila County,, Arizona: U.S. Atomic Energy Commission Report RME-2071.

Schwennessen, A.T., 1921, Geology and water resources of the Gila and San Carlos valleys in the San Carlos Indian Reservation, Arizona: U.S. Geological Survey Water Supply Paper 450, p. 1-27.

Scott, D.C., and McDonnell, J.R., 1989, Mineral Investigation of the White Canyon Study Area (AZ-2-187), Pinal County, Arizona: U.S. Bureau of Mines Mineral Land Assessment Open-file Report MLA-23-89.

Sell, J.D., 1968, Correlation of some Post-Laramide Tertiary units, Globe (Gila County) to Gila Bend (Maricopa County), Arizona, in, Titley, S.R., 1968, Southern Arizona: Arizona Geological Society Guidebook III.

Shride, A.F., 1967, Younger Precambrian geology in southern Arizona: U.S. Geological Survey Professional Paper 566, 89 p.

Simmons, W.W., and Fowells, J.E., 1966, Geology of the Copper Cities Mine, in, Titley, S.R., and Hicks, C.L., eds., 1966, Geology of the Porphyry Copper Deposits, Southwestern North America: Tucson, University of Arizona Press, p. 151-156.

Stewart, L.A., 1955, Chrysotile-asbestos deposits of Arizona: U.S. Bureau of Mines Information Circular 7706, 124 p.

Stewart, L.A., and Haury, p.S., 1947, Arizona asbestos deposits, Gila County, Arizona: U.S. Bureau of Mines Report R.I.4100.

Teichert, C., 1965, Devonian rocks and paleogeography of central Arizona: U.S. Geological Survey Professional Paper 464.

Titley, S.R., 1989, Porphyry copper deposits in the American Southwest, Tucson to Globe-Miami, Arizona: 28th International Geologic Congress Field Trip Guidebook T338.

U.S. Bureau of Reclamation, 1990, Modification of Coolidge Dam, San Carlos Irrigation Project, Bureau of Indian Affairs, Arizona: U.S. Bureau of Reclamation Geologic Interim Data Report, First Meeting of the Consultant Review Board.

U.S. Bureau of Reclamation, 1992, Salt River Siphon replacement, Central Arizona Project, Phoenix, Arizona: Final Specifications, U.S. Bureau of Reclamation, Lower Colorado River region, Phoenix, Arizona.

Weathers, G., 1954, Uranium occurrence at the King No.1 claim, Gila County, Arizona: U.S. Atomic Energy Commission Report RME-2016(Part 1).

Wells, R.L., and Rambosek, A.J., 1954, Uranium occurrences in the Wilson Creek area, Gila County, Arizona: U.S. Atomic Energy Commission Report RME-2005(Revised).

Wells, R.L., 1955, Memorandum report on the uranium occurrence at Lulu Belle claims, Gila County,

Arizona: U.S. Atomic Energy Commission Report RME-2026.

Wessels R.L., and Karlstrom, K.E., 1991, Evaluation of the tectonic significance of the Proterozoic Slate Creek shear zone in the Tonto Basin area, in Karlstrom, K.E., 1991, Proterozoic geology and ore deposits of Arizona: Arizona Geological Society Digest 19, p. 193-209.

Williams, F.J., 1957, Structural control of uranium deposits, Sierra Ancha region, Gila County, Arizona: U.S. Atomic Energy Commission Report RME-3152, 121 p.

Wilson, E.D., 1941, Quicksilver (Mercury): Arizona Bureau of Mines Circular No.9.

Wilson, E.D., 1952, General geology between Ray and Superior, Arizona, in Guidebook for Field Trip Excursions in Southern Arizona: Arizona Geological Society Guidebook I, p. 97.

Wrucke, C.T., and Light, T.D., 1984, Sierra Ancha Wilderness, Arizona, in Marsh, S. p., and others, eds., 1984, Wilderness mineral potential; assessment of mineral resource potential in U.S. Forest Service lands studied 1964-84: U.S. Geological Survey Professional Paper 1300, p. 106-109.

Wrucke, C.T., Otton, J.K., and Desborough, G.A., 1986, Summary and origin of the mineral commodities in the Middle Proterozoic Apache Group in central Arizona, in Beatty, B., and Wilkinson, p.A.K.,, eds., Frontiers in geology and ore deposits of Arizona and the southwest: Arizona Geological Survey Digest 16, p. 12-17.