

Index of geologic maps available from the Arizona Geological Survey

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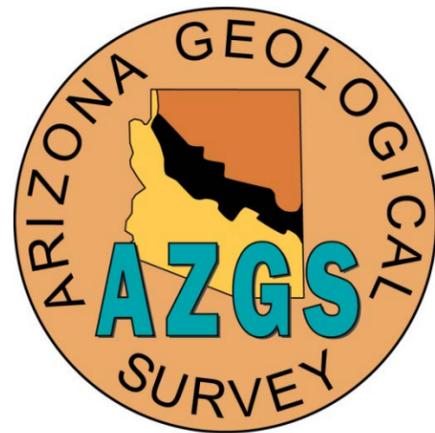


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Introduction

To most geologists, geologic maps are the single most useful type of information for understanding the geology of the land surface. As a result, geologic mapping has a long history, with over two thousand geologic maps produced in Arizona since about 1900. This index identifies only those maps that are available from the Arizona Geological Survey through the online Document Repository (<http://repository.azgs.az.gov/>). Approximately 720 maps of various areas within Arizona are available from approximately 500 publications.

The Geologic Map of Arizona (2000) (Fig. 1) is used as background to the map indexes. Figures 2 and 3 identify regional maps with scale ranging from 1:100,000 to 1:1,000,000. Figures 4-10 identify detailed geologic maps with scale ranging from 1:200 to 1:99,000. Each of these maps is labeled with a publication number, for example "OFR 95-1".

The map indexes are followed by a list of citations to the maps that is organized alphabetically by publication number (pubNum). Generally, a user of this index would locate an area of interest on a map index, identify the publication numbers for maps in the area of interest, and then find the relevant citation or citations. With the citations one can then retrieve the desired maps from the document repository at the Arizona Geological Survey web site (www.azgs.az.gov).

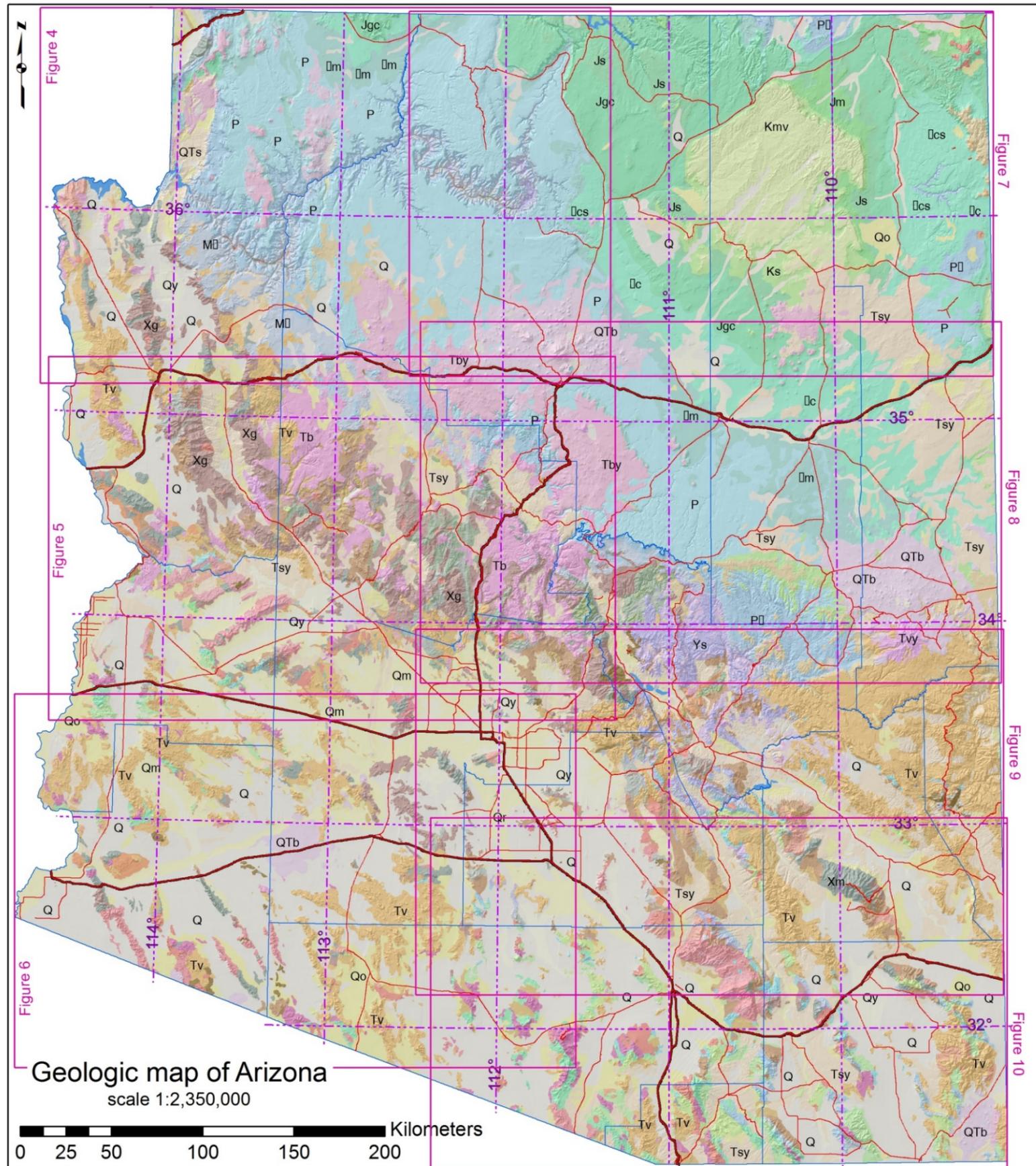
Following the list of citations are three maps (Figures 11-13) that show the locations of geologic map areas with the map areas colored according to the program that at least partially funded the mapping. The most important of these funding programs has been STATEMAP (1993-present) and its predecessor COGEOGMAP (1984-1993). STATEMAP was established by the National Geologic Mapping Act of 1992 in order to promote production of new geologic maps, and

is directed specifically at State geological surveys. States participating in this program are required to provide matching State funds at least equal to the requested or granted Federal funds. Map areas are determined following annual recommendations from the Geologic Mapping Advisory Committee, which is composed of about a dozen individuals from government, industry, and academia. This program has brought over \$3.7 million in Federal funding to the Arizona Geological Survey for new geologic mapping.

Note also that the Arizona Geological Survey was officially the Arizona Bureau of Geology and Mineral Technology (AZBGMT) at the University of Arizona during 1977-1988 (before that it was the Arizona Bureau of Mines). Western Arizona maps released during 1980-1994 and not funded by COGEOGMAP (Figure 12) reflect scientific interest in this part of Arizona because of the extreme Cenozoic crustal extension that had affected the area and because a newly recognized class of mineral deposits is associated with the tectonic extension. Mapping was supported by the AZBGMT and the AZGS and this support was used to match requested COGEOGMAP funds.

Figures 14 and 15 show areas of geologic mapping broken down by authorship. The 17 authors represented have done most of the STATEMAP and much of the COGEOGMAP mapping in Arizona, as well as other mapping with different funding sources.

The Arizona Geological Survey has had a strong geologic mapping program since about 1980, and continues to both produce new maps and solicit contributions of geologic maps to the AZGS Contributed Map Series. These maps reflect the work of non-AZGS employees, commonly for thesis or dissertation projects, and are considered of sufficient quality to warrant release through the AZGS map repository.



Legend

Geologic Map Units

- Q - Quaternary Surficial deposits, undivided (0-2 Ma)
- QTb - HOLOCENE TO MIDDLE PLEISTOCENE BASALTIC ROCKS (0-4 Ma)
- QTV - Late Tertiary to Quaternary volcanic rocks
- Qr - HOLOCENE RIVER ALLUVIUM (0-10 ka)
- Qy - HOLOCENE SURFICIAL DEPOSITS (0-10 ka)
- Qm - LATE AND MIDDLE PLEISTOCENE SURFICIAL DEPOSITS (10-750 ka)
- Qo - EARLY PLEISTOCENE TO LATEST PLEISTOCENE SURFICIAL DEPOSITS (0.75-3 Ma)
- QTs - Basin Fill
- Tvy - PLEISTOCENE TO MIDDLE MIOCENE VOLCANIC ROCKS (2-12 Ma)
- Tsy - PLEISTOCENE TO MIDDLE MIOCENE DEPOSITS (2-16 Ma)
- Tby - PLEISTOCENE TO LATE MIOCENE BASALTIC ROCKS (4-8 Ma)
- Tb - LATE TO MIDDLE MIOCENE BASALTIC ROCKS (8-16 Ma)
- Tvs - Middle Tertiary volcanic and sedimentary rocks (Miocene and Oligocene)
- Tsm - MIDDLE MIOCENE TO OLIGOCENE SEDIMENTARY ROCKS (11-32 Ma)
- Tv - MIDDLE MIOCENE TO OLIGOCENE VOLCANIC ROCKS (11-38 Ma)
- Tg - Tertiary granitic rocks
- Ti - MIDDLE MIOCENE TO OLIGOCENE SHALLOW INTRUSIONS (14-35 Ma)
- TXgn - TERTIARY TO EARLY PROTEROZOIC GNEISSIC ROCKS (15-1800 Ma)
- Tso - OLIGOCENE TO PALEOCENE(?) SEDIMENTARY ROCKS (30-65 Ma)
- TKgm - EARLY TERTIARY TO LATE CRETACEOUS MUSCOVITE-BEARING GRANITIC ROCKS (50-80 Ma)
- TKg - EARLY TERTIARY TO LATE CRETACEOUS GRANITIC ROCKS (50-82 Ma)
- Kv - EARLY TERTIARY TO LATE CRETACEOUS VOLCANIC ROCKS (50-82 Ma)
- TKo - OROCOPIA SCHIST (Cretaceous - Jurassic, 60-100 Ma)
- KJs - CRETACEOUS TO UPPER JURASSIC SEDIMENTARY ROCKS WITH MINOR VOLCANIC ROCKS (80-160 Ma)
- Kmv - SEDIMENTARY ROCKS OF THE UPPER CRETACEOUS MESAVERDE GROUP (84-88 Ma)
- Ks - CRETACEOUS SEDIMENTARY ROCKS (about 88-97 Ma)
- Jm - MORRISON FORMATION (Late Jurassic, about 145-160 Ma)
- Jvs - JURASSIC SEDIMENTARY AND VOLCANIC ROCKS (150-170 Ma)
- Jg - JURASSIC GRANITIC ROCKS (150-180 Ma)
- Jv - JURASSIC VOLCANIC ROCKS (160-200 Ma)
- JTr - JURASSIC AND TRIASSIC SEDIMENTARY AND VOLCANIC ROCKS (160-240 Ma)
- MzPz - JURASSIC TO CAMBRIAN METAMORPHOSED SEDIMENTARY ROCKS (160-540 Ma)
- Js - SAN RAFAEL GROUP (Late to Middle Jurassic, about 160-180 Ma)
- Jgc - GLEN CANYON GROUP (Early Jurassic, about 180-210 Ma)
- Tc - CHINLE FORMATION (Late Triassic, 210-230 Ma)
- Tcs - SHINARUMP CONGLOMERATE MEMBER
- Tm - MOENKOPI FORMATION (Middle(?) and Early Triassic, 230-245 Ma)
- Pz - PALEOZOIC SEDIMENTARY ROCKS (248-544 Ma)
- P - PERMIAN SEDIMENTARY ROCKS (270-280 Ma)
- PIP - PERMIAN TO PENNSYLVANIAN SEDIMENTARY ROCKS (280-310 Ma)
- MCD - MISSISSIPPIAN, DEVONIAN, AND CAMBRIAN SEDIMENTARY ROCKS (330-540 Ma)
- Ys - MIDDLE PROTEROZOIC SEDIMENTARY ROCKS (700-1300 Ma)
- Yd - MIDDLE PROTEROZOIC DIABASE (1050-1150 Ma)
- YXg - Proterozoic granitic rocks
- Yg - MIDDLE PROTEROZOIC GRANITIC ROCKS (1400-1450 Ma)
- Xg - EARLY PROTEROZOIC GRANITIC ROCKS (1600-1800 Ma)
- Xsm - EARLY PROTEROZOIC METASEDIMENTARY ROCKS (1600-1800 Ma)
- Xq - EARLY PROTEROZOIC QUARTZITE (1650? -1700 Ma)
- Xmv - EARLY PROTEROZOIC METAVOLCANIC ROCKS (1650 to 1800 Ma)
- Xm - Proterozoic metamorphic rocks

Figure 1. Geologic map of Arizona showing locations of map figures 4-10. Geology from Richard et al., 2000, AZGS DI-08 and AZGS Map 35.

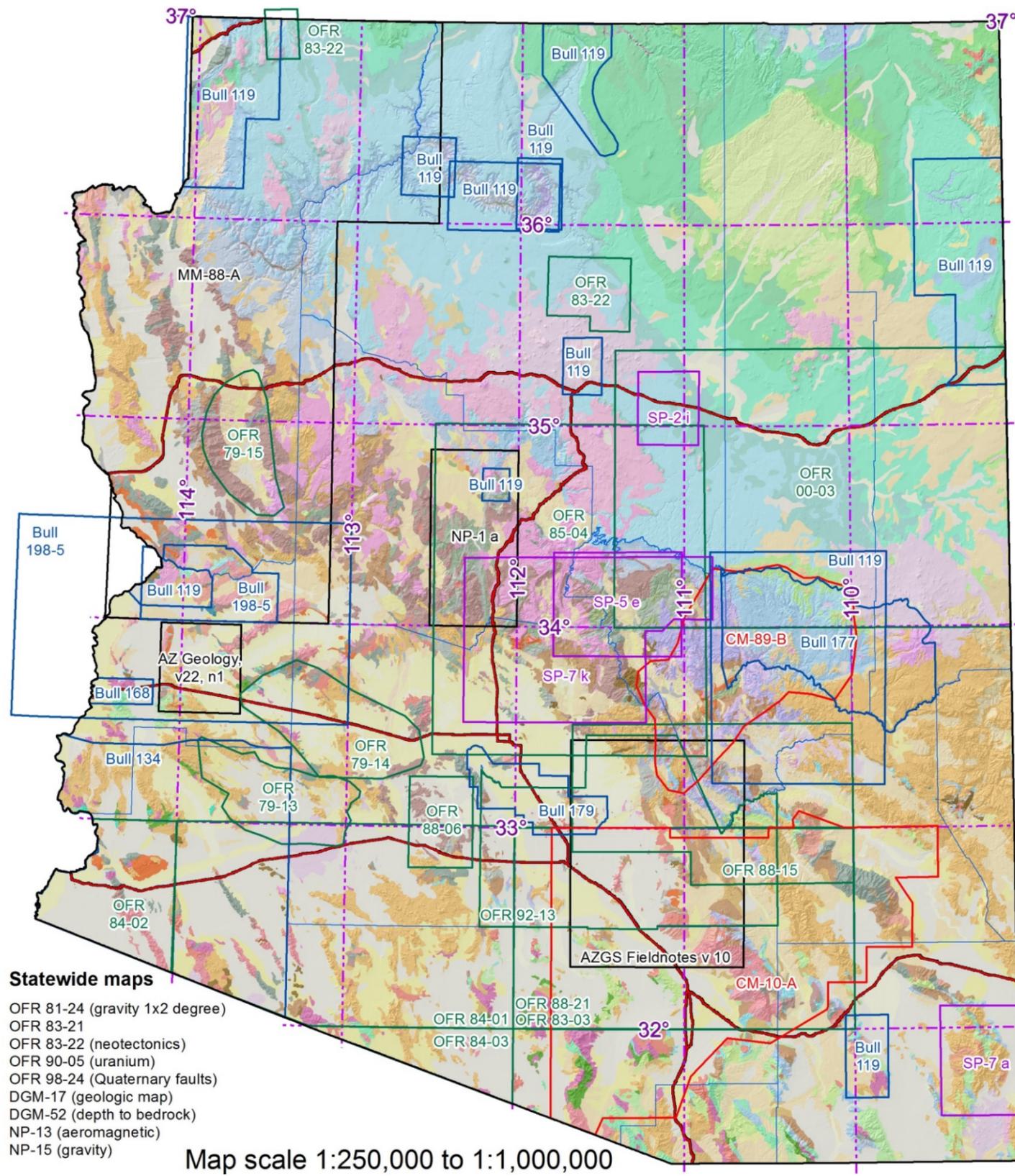


Figure 2

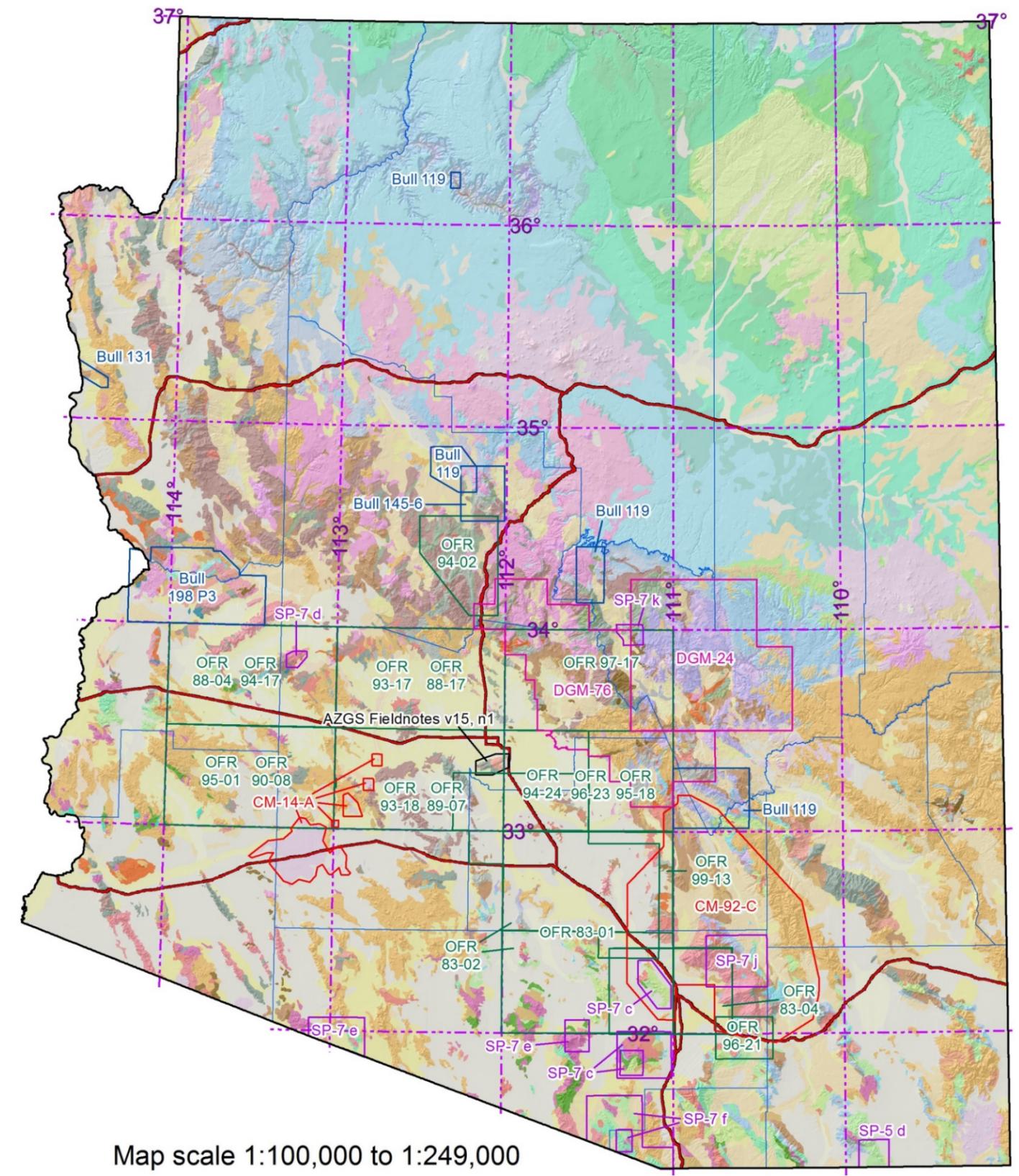


Figure 3

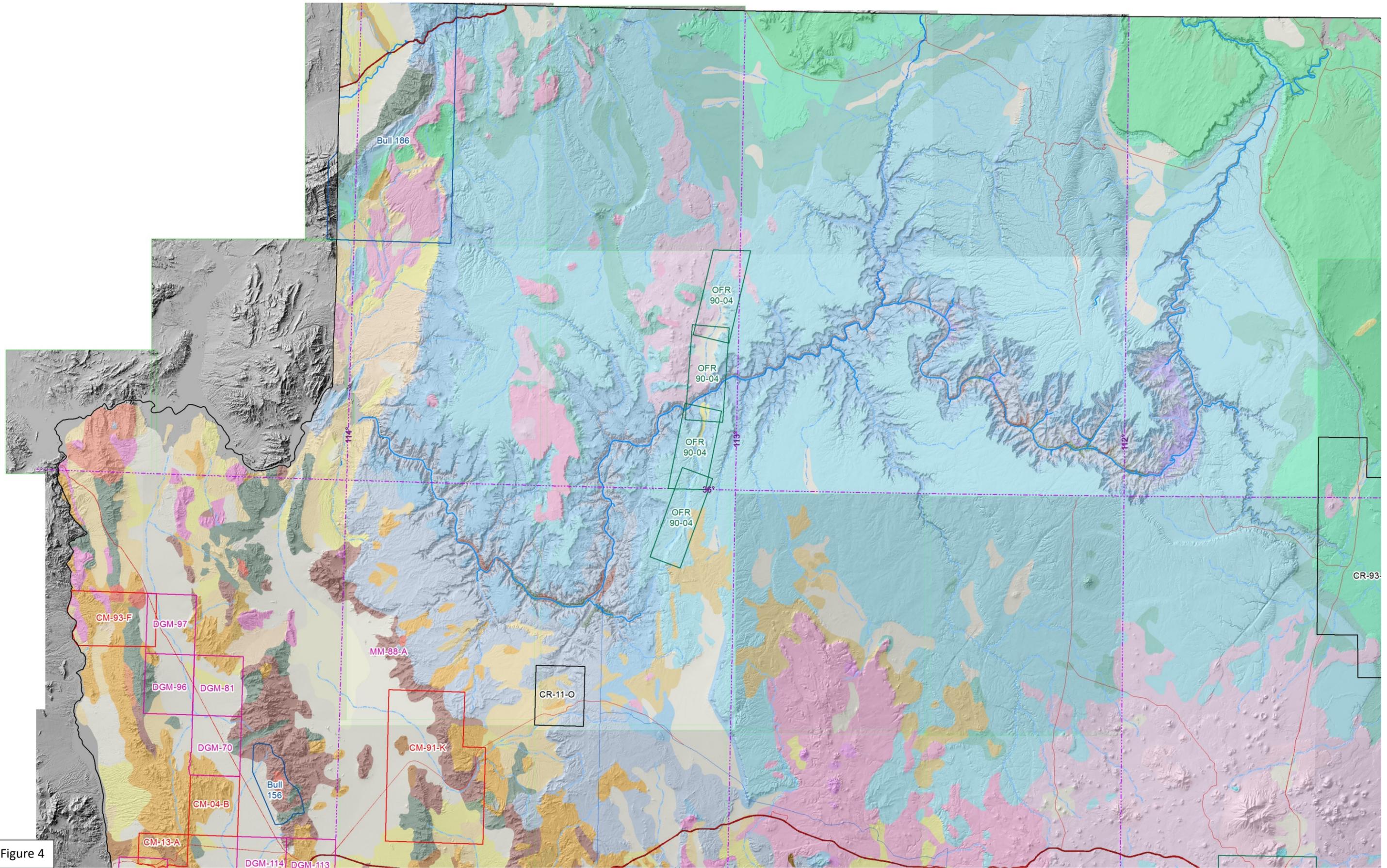


Figure 4

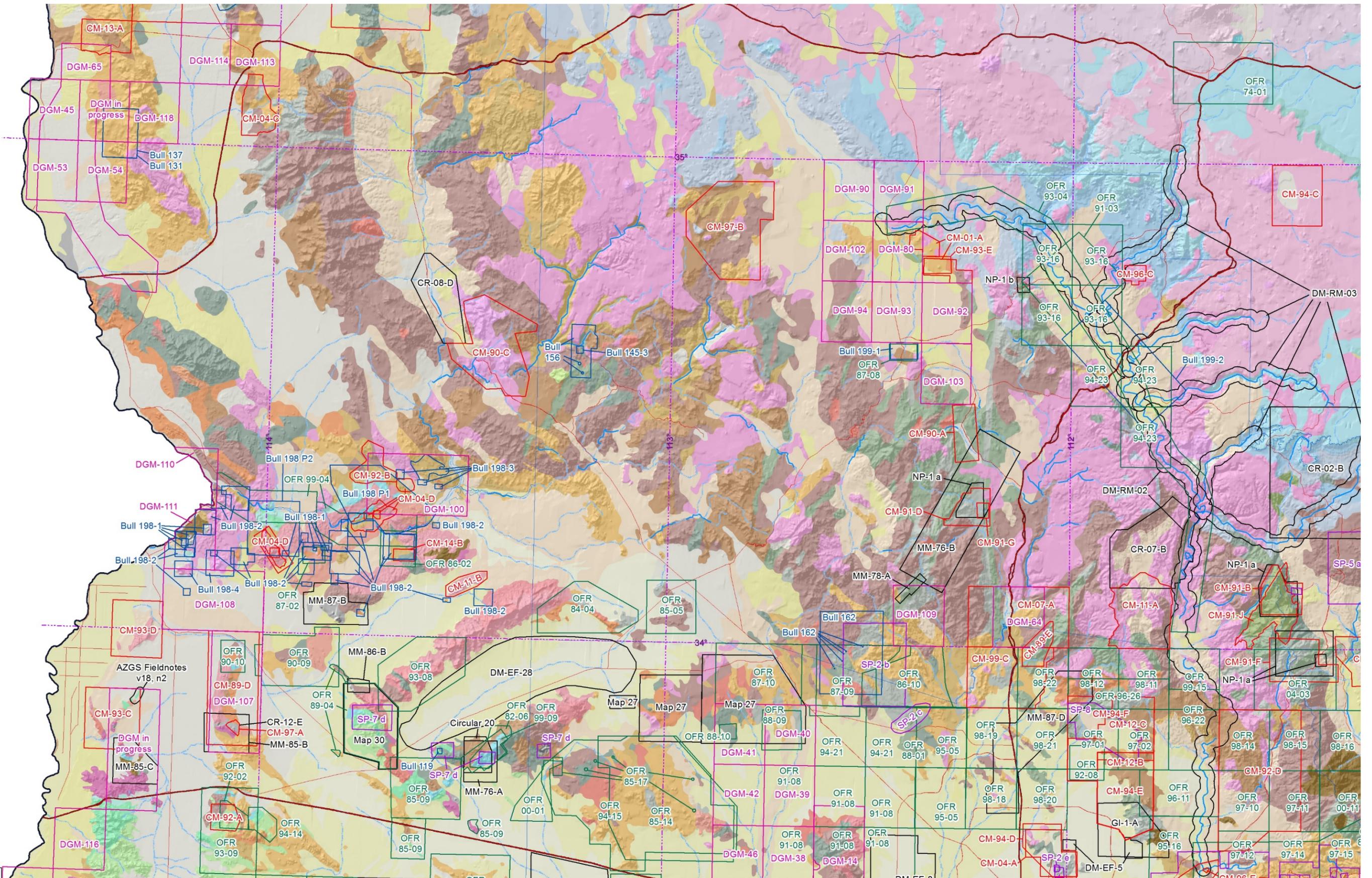
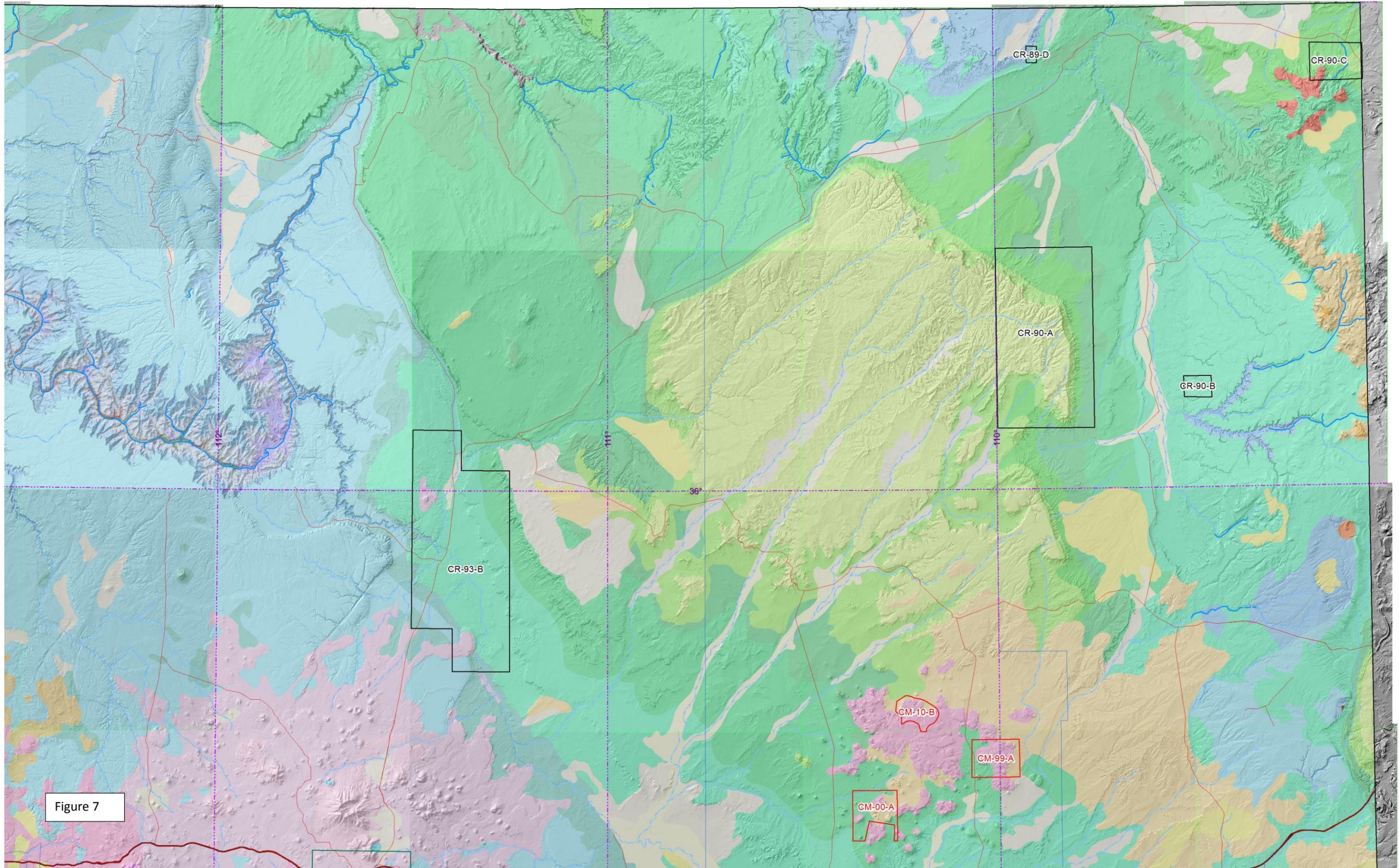


Figure 5



AZ_map_list_Query_no_truncated_citations

pubNum	FullCitation
AZ Geology, v22, n1	Spencer, J.E., 1992, Tertiary extension in west-central Arizona: Arizona Geology [Arizona Geological Survey], v. 22, no. 1, p. 8-10.
AZ Geology, v23, n1	Spencer, J.E., Gehrels, G.E., Bedford, J. Hall, D., Long, K., Miller, L., and Tufts, R., 1993, Geologic maps as interpretive studies: An example from the Dragoon Mountains: Arizona Geology [Arizona Geological Survey], v. 23, no. 1, p. 1-2, 7.
AZGS Fieldnotes v 10	Keith, Stanley B., 1980, The great southwestern Arizona overthrust oil and gas play - Drilling commences: Fieldnotes [Arizona Bureau of Geology and Mineral Technology], v. 10, no. 1, p. 1-3, 6-8.
AZGS Fieldnotes v15, n1	Reynolds, S.J., 1985, Geologic history of the South Mountains: Fieldnotes [Arizona Bureau of Geology and Mineral Technology], v. 15, no. 1, p. 1-3.
AZGS Fieldnotes v18, n2	Spencer, J.E., Duncan, J.T., and Burton, W.D., 1988, The Copperstone Mine: Arizona's new gold producer: Fieldnotes [Arizona Bureau of Geology and Mineral Technology], v. 18, no. 2, p. 1-3.
Bull 119	Darton, N.H., 1925, A resume of Arizona geology: Arizona Bureau of Mines Bulletin no. 119, 298 p.
Bull 123	Wilson, E.D., 1927, Geology and ore deposits of the Courtland-Gleeson region, Arizona: Arizona Bureau of Mines Bulletin no. 123, 79 p.
Bull 131	Lausen, Carl, 1931, Geology and ore deposits of the Oatman and Katherine districts, Arizona: Arizona Bureau of Mines Bulletin no. 131, 126 p.
Bull 134	Wilson, E.D., 1933, Geology and mineral deposits of southern Yuma County, Arizona: Arizona Bureau of Mines Bulletin no. 134, 234 p., 4 sheets, scales 1:4,500, 1:14,200, 1:24,000, 1:360,000.
Bull 137	Wilson, E.D., Cunningham, J.B., and Butler, G.M., 1934, Arizona lode gold mines and gold mining: Arizona Bureau of Mines Bulletin no. 137, 261 p.
Bull 141	Gilluly, James, 1937, Geology and ore deposits of the Ajo quadrangle, Arizona: Arizona Bureau of Mines Bulletin no. 141, 83 p., 4 sheets, scale 1:62,500.
Bull 143	Butler, B.S., Wilson, E.D., and Rasor, C.A., 1938, Geology and ore deposits of the Tombstone District, Arizona: Arizona Bureau of Mines Bulletin no. 143, 114 p., 25 sheets, scales 1:900, 1:1,600, 1:6,000, 1:24,000.
Bull 144	Peterson, N.P., 1938, Geology and ore deposits of the Mammoth mining camp area, Pinal County, Arizona: Arizona Bureau of Mines Bulletin no. 144, 63 p., 10 sheets, scales 1:1,800 and 1:4,500.
Bull 145-1	Trischka, C., 1938, Bisbee district, in Some Arizona ore deposits: Arizona Bureau of Mines Bulletin no. 145, p. 32-41, 2 sheets, scales 1:24,000 and 1:95,000.
Bull 145-2	Butler, B.S., and Wilson, E.D., 1938, Clifton-Morenci district: Arizona Bureau of Mines Bulletin no. 145, p. 72-80.
Bull 145-3	Butler, B.S., and Wilson, E.D., 1938, Bagdad mine, Eureka district, in Some Arizona ore deposits: Arizona Bureau of Mines Bulletin no. 145, p. 98-103.
Bull 145-4	Butler, B.S., and Wilson, E.D., 1938, Structural control of the ore deposits at Tombstone, in Some Arizona ore deposits: Arizona Bureau of Mines Bulletin no. 145, p. 104-110.

pubNum	FullCitation
Bull 145-5	Peterson, N.P., 1938, Mammoth mining camp area, Pinal County, in some Arizona ore deposits: Arizona Bureau of Mines Bulletin no. 145, p. 124-127, 3 sheets, scales 1:3,300, 1:3,600 and 1:4,400.
Bull 145-6	Reber, L.E., Jr., 1938, Jerome district, in Some Arizona ore deposits: Arizona Bureau of Mines Bulletin no. 145, p. 41-65, 8 sheets, scales 1:2,400, 1:4,800, 1:10,000, and 1:135,000.
Bull 151	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: Arizona Bureau of Mines Bulletin no. 151, 159 p., 8 sheets, scales 1:3,600, 1:4,800, 1:5,800, 1:6,000, and 1:12,000.
Bull 156	Arizona Bureau of Mines, 1950, Arizona zinc and lead deposits, Part I: Arizona Bureau of Mines Bulletin no. 156, 144 p., 19 sheets.
Bull 162	Jahns, R.H., 1952, Pegmatite deposits of the White Picacho district, Maricopa and Yavapai Counties, Arizona: Arizona Bureau of Mines Bulletin no. 162, 105 p.
Bull 168	Wilson, E.D., Fansett, G.R., Johnson, C.H., and Roseveare, G.H., 1961, Gold placers and placering in Arizona: Arizona Bureau of Mines Bulletin no. 168, 124 p. [reprinted 1981, 1988, Arizona Bureau of Geology and Mineral Technology].
Bull 177	Moore, R.T., 1968, Mineral deposits of the Fort Apache Indian Reservation, Arizona: Arizona Bureau of Mines Bulletin 177, 84 p., 2 sheets, scale 1:250,000.
Bull 179	Wilson, E.D., 1969, Mineral deposits of the Gila River Indian Reservation, Arizona: Arizona Bureau of Mines Bulletin 179, 34 p., 3 sheets, scales 1:12,000 and 1:125,000.
Bull 186	Moore, R.T., 1972, Geology of the Virgin and Beaverdam Mountains, Arizona: Arizona Bureau of Mines Bulletin 186, 65 p., 6 sheets, scale 1:62,500.
Bull 195	Reynolds, S.J., 1985, Geology of the South Mountains, central Arizona: Arizona Bureau of Geology and Mineral Technology Bulletin 195, 61 p., 1 sheet, scale 1:24,000.
Bull 198 P1	Shackelford, T.J., 1989, Geologic map of the Rawhide Mountains, Mohave County, Arizona, in Spencer, J.E., and Reynolds, S.J., eds., Geology and mineral resources of the Buckskin and Rawhide Mountains, west-central Arizona: Arizona Geological Survey Bulletin 198, Plate 1, scale 1:42,850.
Bull 198 P2	Spencer, J.E., Reynolds, S.J., and Lehman, N.E., 1989, Geologic map of the Planet-Mineral Hill area, northwestern Buckskin Mountains, west-central Arizona, and Appendix A: Map-unit descriptions and cross sections for Plate 2, in Spencer, J.E., and Reynolds, S.J., eds., Geology and mineral resources of the Buckskin and Rawhide Mountains, west-central Arizona: Arizona Geological Survey Bulletin 198, p. 263-269, Plate 2, scale 1:24,000.
Bull 198 P3	Spencer, J.E., comp., 1989, Compilation geologic map of the Buckskin and Rawhide Mountains, west-central Arizona, in Spencer, J.E., and Reynolds, S.J., eds., Geology and mineral resources of the Buckskin and Rawhide Mountains, west-central Arizona: Arizona Geological Survey Bulletin 198, Plate 3, scale 1:100,000.
Bull 198-1	Reynolds, S.J., and Spencer, J.E., 1989, Pre-Tertiary rocks and structures in the upper plate of the Buckskin detachment fault, west-central Arizona, in Spencer, J.E., and Reynolds, S.J., eds., Geology and mineral resources of the Buckskin and Rawhide Mountains, west-central Arizona: Arizona Geological Survey Bulletin 198, p. 67-102.
Bull 198-2	Spencer, J.E., and Reynolds, S.J., 1989, Tertiary structure, stratigraphy, and tectonics of the Buckskin Mountains, in Spencer, J.E., and Reynolds, S.J., eds., Geology and mineral resources of the Buckskin and Rawhide Mountains, west-central Arizona: Arizona Geological Survey Bulletin 198, p. 103-167.

pubNum	FullCitation
Bull 198-3	Spencer, J.E., Grubensky, M.J., Duncan, J.T., Shenk, J.D., Yarnold, J.C., and Lombard, J.P., 1989, Geology and mineral deposits of the central Artillery Mountains, in Spencer, J.E., and Reynolds, S.J., eds., Geology and mineral resources of the Buckskin and Rawhide Mountains, west-central Arizona: Arizona Geological Survey Bulletin 198, p. 168-183.
Bull 198-4	Grubensky, M.J., 1989, Geology of postdetachment, Miocene volcanic rocks in the southwestern Buckskin Mountains, in Spencer, J.E., and Reynolds, S.J., eds., Geology and mineral resources of the Buckskin and Rawhide Mountains, west-central Arizona: Arizona Geological Survey Bulletin 198, p. 255-262.
Bull 198-5	Spencer, J.E., and Reynolds, S.J., 1989, Introduction to the geology and mineral resources of the Buckskin and Rawhide Mountains, in Spencer, J.E., and Reynolds, S.J., eds., Geology and mineral resources of the Buckskin and Rawhide Mountains, west-central Arizona: Arizona Geological Survey Bulletin 198, p. 1-10.
Bull 199-1	Proctor, P.D., Fleck, K.S., and Shahin, A.N., 1993, Radiometric and petrochemical characteristics of the Dells Granite, Yavapai County, in Spencer, J.E., ed., Radon in Arizona: Arizona Geological Survey Bulletin 199, p. 61-81.
Bull 199-2	Duncan, J.T., and Spencer, J.E., 1993, Geology and uranium concentrations in Verde Valley, Yavapai County, Arizona, in Spencer, J.E., ed., Radon in Arizona: Arizona Geological Survey Bulletin 199, Plate 2, scale 1:32,000.
Circular 20	Varga, R.J., 1977, Geology of the Socorro Peak area, western Harquahala Mountains: Arizona Bureau of Geology and Mineral Technology Circular 20, 20 p.
CM-00-A	Hooten, J.A., 1999, Map of volcanic geology of the Castle Butte Trading Post vicinity, Hopi Buttes (Tsézhin Bii'), Navajo Nation, Arizona: Arizona Geological Survey Contributed Map CM-00-A, 1 sheet, scale 1:12,000.
CM-00-B	Dickinson, W.R., 2000, Summary of Tertiary stratigraphic and structural relationships, Camp Grant Wash-Antelope Peak area, Pinal County, Arizona: Arizona Geological Survey Contributed Map CM-00-B, 10p., 1sheet, scale 1:24,000.
CM-00-C	Gilbert, W.G., Lajack, D.J., 2000, Geology of the Los Adobes Rancho area, Sonora, Mexico, and Santa Cruz County, Arizona: Arizona Geological Survey Contributed Map CM-00-C, 5p., 1 sheet, scale 1:24,000.
CM-01-A	Cunningham, Heather, 2001, Geologic map of Tertiary volcanic rocks in the Southern King Canyon and east central Chino Valley north 7.5' Quadrangles, Yavapai County, Arizona: Arizona Geological Survey Contributed Map CM-01-A, 2 sheets, scale 1:12,000.
CM-02-A	Force, E.R., 2002, Structural reconnaissance of lower-plate rocks along the Catlina-Rincon range front, Pima County, Arizona: Arizona Geological Survey Contributed Map CM-02-A, 11p., 2 sheets, scale 1:24,000 and 1:48,000.
CM-02-B	Dickinson, W.R., 2002, Structural and stratigraphic relationships of mid-Tertiary strata in the Hackberry Wash-Indian Camp Wash intramontane depression, Tortilla Mountains, Pinal County, Arizona: Arizona Geological Survey Contributed Map CM-02-B, 13 p., 2 sheets, scale 1:24,000 and 1:48,000.
CM-04-A	Johnson, J.K., Reynolds, S.J., and Jones, D.A., 2003, Geologic map of the Phoenix Mountains, central Arizona: Arizona Geological Survey Contributed Map CM-04-A, v. 1.0, 1 sheet, scale 1:24,000, with 15 p. text..
CM-04-B	Varga, R.J., 2001, Geologic map of the Grasshopper Junction SE 7 1/2' Quadrangle, Mohave County, Arizona: Arizona Geological Survey Contributed Map CM-04-B, 1 sheet, scale 1:24,000.
CM-04-C	Siwec, B.R., 2004, Geologic map of the Northern Hualapai Mountains, Mohave County, Arizona: Arizona Geological Survey Contributed Map CM-04-C, 1 sheet, scale 1:24,000.

pubNum	FullCitation
CM-04-D	Scott, R.J., 2004, Geologic maps and cross sections of selected areas in the Rawhide and Buckskin Mountains, La Paz and Mohave Counties, Arizona: Arizona Geological Survey Contributed Map CM-04-D, 11p., 7 sheets, scale 1:10,000, 1:5450, 1:5000, 1:2500, and 1:5200.
CM-06-A	Lindsey, D.A. and Van Gosen, B.S., 2005, Surficial Geologic Map of the Mount Hopkins and Northern Part of the San Cayetano Mountains 7½' Quadrangles, Santa Cruz and Pima Counties, Arizona: Arizona Geological Survey Contributed Map 06-A (CM-06-A), 1 sheet, scale 1:24,000
CM-07-A	Leighty, Robert S., 2007, Geologic map of the Black Canyon City and Squaw Creek Mesa Quadrangles, central Arizona: Arizona Geological Survey Contributed Map CM-07-A, 1 plate, scale 1:24,000, with 46 p. text.
CM-08-A	Bykerk-Kauffman, Ann, 2008, Geologic map of the southeastern Santa Catalina Mountains, Pima County, Arizona: Arizona Geological Survey Contributed Map CM-08-A, 2 sheets (plate 1 - 1:24,000 scale).
CM-10-A	Arca, M.S., and Johnson, R.A., 2010, Compilation geologic map from the Baboquivari Mountains to the Transition Zone of the Colorado Plateau: Arizona Geological Survey Contributed Map CM-10-A, 2 sheets, scale 1:250,000.
CM-10-B	Zelawski, Mallory, 2010, Geologic map of the First Flat Mesa area, First Flat Mesa, Na Ah Tee Canyon, and Hauke Mesa 7.5' Quadrangles, Hopi Buttes (Tsezhin Bii'), Navajo Nation, Arizona: Arizona Geological Survey Contributed Map CM-10-B, Plate 1, with 10 page text.
CM-11-A	Brand, Patrick, 2011, Geologic map of the Cedar Mountains area, Arizona: Arizona Geological Survey Contributed Map CM-11-A, Plate 1, scale 1:24,000.
CM-11-B	Singleton, J.S., 2011, Geologic map and cross sections of the Little Buckskin Mountains, La Paz County, west-central Arizona: Arizona Geological Survey Contributed Map CM-11-B, v. 1.1, scale 1:12,000.
CM-12-A	Martz, J.W., Parker, W.G., Skinner, L., Raucci, J.J., Unhoeffler, P., and Blakey, R.C., 2012, Geologic Map of Petrified Forest National Park, Arizona: Arizona Geological Survey Contributed Map CM-12-A, Plate 1, scale 1:50,000.
CM-12-B	Pewe, T., Bales, J., and Montz, M., 2012, Reconnaissance environmental geology of northern Scottsdale: Arizona Geological Survey Contributed Map CM-12-B, 3 sheets, scale 1:24,000.
CM-12-C	Pewe, T.L., Kenny, R., and Bales, J., 2012, Reconnaissance environmental geology of the Tonto Foothills, Scottsdale: Arizona Geological Survey Contributed Map CM-12-C, 3 sheets, scale 1:24,000.
CM-13-A	Murphy, R.T., and Faulds, J.E., 2013, Preliminary geologic map of the north half of the Union Pass Quadrangle, Mohave County, Arizona: Arizona Geological Survey Contributed Map CM-13-A, Plate 1, scale 1:24,000.
CM-14-A	Cave, S.R., 2014, Geologic map of the Sentinel-Arlington volcanic field, western Maricopa County and eastern Yuma County, Arizona: Arizona Geological Survey Contributed Map CM-14-A, version 1.0, 1 sheet, scale 1:100,000.
CM-14-B	Singleton, J., Bird, E., and Hatfield, M., 2014, Geologic map of the southern Lincoln Ranch basin, Buckskin Mountains, west-central Arizona: Arizona Geological Survey Contributed Map CM-14-B, 1 sheet, scale 1:10,000.
CM-89-A	Schmidt, E.A., 1989, Geologic map and cross sections of the northern Tortilla Mountains, Pinal County, Arizona: Arizona Geological Survey Contributed Map CM-89-A, 6 sheets, scale 1:12,000.

pubNum	FullCitation
CM-89-B	Faulds, J.E., 1989, Geologic map of the Salt River region, Rockinstraw Mountain quadrangle, Gila County, Arizona [Dagger Peak, and Meddler Wash 7.5 min]: Arizona Geological Survey Contributed Map CM-89-B, 3 sheets, scales 1:24,000 and 1:375,000.
CM-89-C	Smith, C.H., 1989, Geologic map of the Little Rincon Mountains: Arizona Geological Survey Contributed Map CM-89-C, 1 sheet, scale 1:10,000.
CM-89-D	Scarborough, R.B., and Meader, N.M., 1989, Geologic map of the northern Plomosa Mountains, Yuma [La Paz] County, Arizona, 4 December 1981: Arizona Geological Survey Contributed Map CM-89-D, 1 sheet, scale 1:24,000.
CM-89-E	Maynard, S.R., 1989, Geologic map and cross-sections of the southwestern part of the New River Mountains, Arizona: Arizona Geological Survey Contributed Map CM-89-E, 2 sheets, scale 1:12,000.
CM-90-A	O'Hara, P.F., 1990, Geology of the Big Bug Metallic Mineral District, Arizona: Arizona Geological Survey Contributed Map CM-90-A, 2 sheets, scale 1:12,000.
CM-90-B	Toro, J., Gehrels, G.E., Johnson, R.A., Biggs, T.H., Centeno-Garcia, E., Colburn, N.I., Jackson, J.L., Kruger, J.M., Meader, N.M., Pitts, G.S., Restrepo, P.A., and Skirvin, S.M., 1990, Geological map of the Black Rock detachment, Santa Teresa Mountains, SE Arizona: Arizona Geological Survey Contributed Map CM-90-B, 1 sheet, scale 1:12,000.
CM-90-C	Moyer, T.C., 1990, Generalized geologic map of the Kaiser Spring Volcanic Field, Mohave County, Arizona: Arizona Geological Survey Contributed Map CM-90-C, 17 p., 1 sheet, scale 1:50,000.
CM-91-A	Lehman, N.E., 1991, Geologic map and cross sections of the Washington Camp-Duquesne Mining District, Patagonia Mountains, Santa Cruz County, Arizona: Arizona Geological Survey Contributed Map CM-91-A, 3 sheets, scale 1:4,800.
CM-91-B	Puls, D.D., 1991, Geologic map and balanced cross-section of the northern Mazatzal Mountains, central Arizona: Arizona Geological Survey Contributed Map CM-91-B, 2 sheets, scale 1:10,000.
CM-91-C	Sherlock, S.M., 1991, Geologic map and cross-section of Early Proterozoic rocks of McDonald Mountain - Breadpan Mountain area, northern Sierra Anchas, Gila County, Arizona: Arizona Geological Survey Contributed Map CM-91-C, 2 sheets, scale 1:10,000.
CM-91-D	Argenbright, D.N., 1991, Geologic map and Proterozoic structure of Crazy Basin area, Yavapai County, Arizona: Arizona Geological Survey Contributed Map CM-91-D, 1 sheet, scale 1:10,000.
CM-91-E	Brady, T.B., 1991, Geologic map of the Sheep Basin Mountain area, northern Sierra Anchas, Gila County, Arizona: Arizona Geological Survey Contributed Map CM-91-E, 1 sheet, scale 1:10,000.
CM-91-F	Roller, J.A., 1991, Geologic map and cross section of the central Mazatzal Mountains, central Arizona: Arizona Geological Survey Contributed Map CM-91-F, 2 sheets, scale 1:10,000.
CM-91-G	Darrach, Mark, 1991, Geologic map and Proterozoic structure of the Cleator shear zone, Yavapai County, Arizona: Arizona Geological Survey Contributed Map CM-91-G, 1 sheet, scale 1:3,000.
CM-91-H	Labrenz, M.E., 1991, Geologic map of the western half of the Young quadrangle [15 min], northern Sierra Anchas, and geologic map of the Marsh Creek area; Diamond Butte and Young quadrangles [15 min] - Gila County, Arizona [Oxbow Mtn., and Young 7.5 min]: Arizona Geological Survey Contributed Map CM-91-H, 2 sheets, scales 1:10,000 and 1:24,000.

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CM-91-I	Wessels, R.L., and Karlstrom, K.E., 1991, Geologic map of the Jakes Corner area and geologic cross-section of Early Proterozoic rocks of the Jakes Corner area, northern Sierra Anchas, Gila County, Arizona [Gisela, Sheep Basin Mtn., Picture Mtn., and Kayler Butte 7.5 min]: Arizona Geological Survey Contributed Map CM-91-I, 2 sheets, scale 1:10,000.
CM-91-J	Doe, M.F., 1991, Geologic map of the northern Mazatzal Mountains and geologic cross-sections of the South Fork of Deadman Creek and Barnhardt - Shake Tree Canyon, central Arizona [North Peak, Mazatzal Peak, Table Mountain, and Cypress Butte 7.5 min]: Arizona Geological Survey Contributed Map CM-91-J, 2 sheets, scale 1:24,000.
CM-91-K	Albin, A.L., 1991, Geologic map of the Peacock Mountains and southern Grand Wash Cliffs, including Peacock Peak, Antares, Hackberry, Valentine, and the southern half of the Music Mountain SE [Music Mountains SE], and Milkweed Canyon SW 7 1/2 minute quadrangles, northwestern Arizona: Arizona Geological Survey Contributed Map CM-91-K, 1 sheet, scale 1:24,000.
CM-91-L	Fridrich, C.J., 1991, Geologic map of Sierrita caldera fragment, Sierrita Mountains, Pima County, Arizona: Arizona Geological Survey Contributed Map CM-91-L, 1 sheet, scale 1:24,000.
CM-92-A	Lerch, Felix, 1992, Geologic map of part of the southern Plomosa Mountains, west-central Arizona: Arizona Geological Survey Contributed Map CM-92-A, 1 sheet, scale 1:12,000.
CM-92-B	Yarnold, J.C., and McDaniel, B.J., 1992, Preliminary geologic map of Tertiary sedimentary rocks in the northern Rawhide Mountains, Mohave County, Arizona: Arizona Geological Survey Contributed Map CM-92-B, 1 sheet, scale 1:18,000.
CM-92-C	Dickinson, W.R., 1992, Geologic map of Catalina core complex and San Pedro trough, Pima, Pinal, Gila, Graham, and Cochise Counties, Arizona: Arizona Geological Survey Contributed Map CM-92-C, 1 sheet, scale 1:125,000 [also included in Dickinson, W.R. (1991), GSA Special Paper 264].
CM-92-D	Skotnicki, Steve, 1992, Geologic map of the Sycamore Creek region, Maricopa County, Arizona: Arizona Geological Survey Contributed Map CM-92-D, 1 sheet, scale 1:24,000.
CM-93-A	Melchiorre, E.B., and Clemens, D.M., 1993, Geology of the south-central Goldfield Mountains, Arizona: Arizona Geological Survey Contributed Map CM-93-A, 1 sheet, scale 1:10,000.
CM-93-B	Dickinson, W.R., 1993, Summary geologic map of Black Hills near Mammoth, Pinal County, Arizona [Mammoth 7.5 min]: Arizona Geological Survey Contributed Map CM-93-B, 1 sheet, scale 1:24,000.
CM-93-C	Knapp, J.H., 1993, Geologic map of the Moon Mtns., Colorado River Indian Reservation, La Paz Co., Arizona [Moon Mtn., and Moon Mtn. SE 7.5 min]: Arizona Geological Survey Contributed Map CM-93-C, 1 sheet, scale 1:24,000.
CM-93-D	Knapp, J.H., 1993, Geologic map of Mesquite Mtn., Colorado River Indian Reservation, La Paz Co., Arizona [Parker SE, and Moon Mtn. NE 7.5 min]: Arizona Geological Survey Contributed Map CM-93-D, 1 sheet, scale 1:24,000.
CM-93-E	Stefanov, W.L., 1993, Geologic map of volcanic rocks along the east side of central Chino Valley, Yavapai County, Arizona: Arizona Geological Survey Contributed Map CM-93-E, 9 p., 1 sheet, scale 1:12,000.
CM-93-F	Faulds, J.E., 1993, Geologic map of the Black Mountains accommodation zone, Mohave County, Arizona [Mohave Mine, and Fire Mountain 7.5 min]: Arizona Geological Survey Contributed Map CM-93-F, 4 sheets, scale 1:12,000.
CM-94-A	Melchiorre, E.B., 1994, Geology of the Enebro Mountain area, Greenlee County, Arizona: Arizona Geological Survey Contributed Map CM-94-A, 1 sheet, scale 1:10,600.

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CM-94-B	Dickinson, W.R., 1994, Geologic map of Star Flat - Willow Springs area, Pinal County, Arizona: Arizona Geological Survey Contributed Map CM-94-B, 3 p., 1 sheet, scale 1:24,000.
CM-94-C	Holm, R.F., 1994, Geologic map of the Mormon Lake quadrangle, Coconino County, Arizona: Arizona Geological Survey Contributed Map CM-94-C, 24 p., 1 sheet, scale 1:24,000.
CM-94-D	Shank, D.C., and Pewe, T.L., 1994, Geology of the Phoenix Mountains, Maricopa County, Arizona, 1973: Arizona Geological Survey Contributed Map CM-94-D, 1 sheet, scale 1:15,000.
CM-94-E	Pewe, T.L., Bales, Jim, and Montz, Melissa, 1994, Reconnaissance environmental geology of northern Scottsdale, Maricopa County, Arizona, 1983: Arizona Geological Survey Contributed Map CM-94-E, 3 sheets, scale 1:24,000.
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CM-94-G	Dickinson, W.R., 1994, Trace of main displacement surface (bedrock/basin fill contact) of Pirate fault zone, west flank of Santa Catalina Mountains, Pima and Pinal Counties, Arizona: Arizona Geological Survey Contributed Map CM-94-G, 9 p., 1 sheet, scale 1:24,000.
CM-96-A	Schroeder, T.J., II, 1996, Geologic map of the Enebro Mountain rhyolite: Arizona Geological Survey Contributed Map CM-96-A, 1 sheet, scale 1:12,000.
CM-96-B	Dickinson, W.R., 1996, Geologic map of the Ripsey Wash area, Pinal County, Arizona: Arizona Geological Survey Contributed Map CM-96-B, 7 p., 1 sheet, scale 1:24,000.
CM-96-C	Holm, R.F., and Wittke, J.H., 1996, Geologic map of the summit area of House Mountain, Yavapai County, Arizona: Arizona Geological Survey Contributed Map CM-96-C, 25 p., 2 sheets, scale 1:6,000.
CM-96-D	Pewe, T.L., and Drosendahl, J.K., 1996, Geology I, Rio Salado Development District - Eastern part, Maricopa County, Arizona - 1985: Arizona Geological Survey Contributed Map CM-96-D, 1 sheet, scale 1:24,000.
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CM-97-A	Steinke, T.R., 1997, Geologic map of the eastern Plomosa Pass area, northern Plomosa Mountains, La Paz County, Arizona: Arizona Geological Survey Contributed Map CM-97-A, 1 sheet, scale 1:3,570.
CM-97-B	Ash, N.A., 1997, Geologic map of the Santa Maria Mountains volcanic field, Yavapai County, Arizona: Arizona Geological Survey Contributed Map CM-97-B, 1 sheet, scale 1:24,000.
CM-98-A	Dickinson, W.R., 1998, Facies map of post-mid-Miocene Quiburis Formation, San Pedro Trough, Pinal, Pima, Gila, Graham, and Cochise Counties, Arizona: Arizona Geological Survey Contributed Map CM-98-A, 6 p., 10 sheets, scale 1:24,000.
CM-98-B	Dickinson, W.R., 1998, Geologic relations of Martinez Ranch fault and Happy Valley Neogene Basin, east flank of Rincon Mountains, Pima County, Arizona: Arizona Geological Survey Contributed Map CM-98-B, 16 p., 1 sheet, scale 1:24,000.
CM-99-A	Vazquez, J.A., 1999, Map of volcanic geology of the Wood Chop Mesa area, Hopi Buttes (Tsézhin Bif), Navajo Nation, Arizona: Arizona Geological Survey Contributed Map CM-99-A, 1 sheet, scale 1:12,000.
CM-99-B	Dickinson, W.R., 1999, Geologic framework of the Catalina Foothills, outskirts of Tucson (Pima County, Arizona): Arizona Geological Survey Contributed Map CM-99-B, 31p., 1 sheet, scale 1:24,000.

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CM-99-C	Bryant, B., 1999, Geologic map of the New River quadrangle and part of the Daisy Mountain quadrangle, Maricopa and Yavapai Counties, Arizona: Arizona Geological Survey Contributed Map CM-99-C, 1 sheet, scale 1:24,000, with 34 p. text.
CR-01-C	Dickinson, W.R., 2001, Geologic field guide to the Copper Butte area, eastern Pinal County, Arizona: Arizona Geological Survey Contributed Report CR-01-C, 18 p.
CR-02-B	Weitzman, Morley, 2002, Geology and hydrology of the Payson-Strawberry-Diamond Rim area, Gila and Coconino Counties, central Arizona: Arizona Geological Survey Contributed Report CR-02-B, 17 p., 3 sheets, scale 1:62,500.
CR-07-B	Rhys-Evans, G., 2007, Geology of the Bloody Basin: Central Arizona's Transition Zone: Arizona Geological Survey Contributed Report CR-07-B, 132 p., with 1 plate, scale 1:24,000.
CR-08-D	Dickinson, W.R., 2008, Facies reconnaissance of the upper Miocene Big Sandy Formation near Wikieup, Mohave County, Arizona: Arizona Geological Survey Contributed Report CR-08-D, 10 p.
CR-10-A	Brod, L.G., Jr., 2010, Geology of selected areas, Sawmill Canyon fault zone, northeast Santa Cruz County, Arizona: Arizona Geological Survey Contributed Report CR-10-A, 65 p., with 5 plates, various scales.
CR-11-C	Davis, G.H., Constenius, K.N., Ornelas, E.P.R., and Cox, L.J., 2011, Structural-geologic map relationships in the Salcito Ranch area, Rincon Mountains, southern Arizona: Arizona Geological Survey Contributed Report CR-11-C, 20 p., with 1 plate, scale 1:10,000.
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CR-12-E	Steinke, T.R., 2012, Structure and kinematics of the Plomosa Pass area, northern Plomosa Mountains, Arizona: Arizona Geological Survey Contributed Report CR-12-E (M.S. thesis), 172 p., with 5 plates, scale 1:3570.
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CR-90-B	Chenoweth, W.L., 1990, Uranium occurrences on the Zhealey Tso mining permit near Chinle, Apache County, Arizona: Arizona Geological Survey Contributed Report CR-90-B, 7 p.
CR-90-C	Chenoweth, W.L., 1990, The Zona No. 1 uranium-vanadium mine, northeastern Carrizo Mountains, Apache County, Arizona: Arizona Geological Survey Contributed Report CR-90-C, 10 p.
CR-93-B	Chenoweth, W.L., 1993, Geology and production history of the uranium ore deposits in the Cameron area, Coconino County, Arizona: Arizona Geological Survey Contributed Report CR-93-B, 30 p., 1 sheet, scale 1:62,500.
CR-95-H	Dickinson, W.R., 1995, Tertiary stratigraphic and structural relationships in the Copper Butte area, Teapot Mountain quadrangle, Pinal County, Arizona: Arizona Geological Survey Contributed Report CR-95-H, 15 p.
DGM-01	Ferguson, C.A., and Enders, M.S., 2000, Digital geologic map and cross sections of the Clifton-Morenci area, Greenlee County, Arizona [Clifton, Copperplate Gulch, Mitchell Peak, and Coronado Mountain 7.5 min]: Arizona Geological Survey Digital Geologic Map Series DGM-01, 1 CD-ROM (3 sheets, scale 1:24,000).

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DGM-02	Richard, S.M., Ferguson, C.A., Spencer, J.E., Youberg, Ann, and Orr, T.R., 2000, Geologic map of the Waterman Peak 7.5' quadrangle and northern La Tortuga Butte 7.5' quadrangle, Pima County, Arizona: Arizona Geological Survey Digital Geologic Map Series DGM-02, 1 CD-ROM (30 p., 1 sheet, scale 1:24,000).
DGM-03	Pearthree, P.A., and Youberg, Ann, 2000, Surficial geologic maps and geologic hazards of the Green Valley - Sahuarita area, Pima County, Arizona, v. 1.0 [Sahuarita, Green Valley, Esperanza Mill, and Twin Buttes 7.5 min]: Arizona Geological Survey Digital Geologic Map Series DGM-03, 1 CD-ROM (21 p., 2 sheets, scale 1:24,000).
DGM-04	Pearthree, P.A., Ferguson, C.A., Gilbert, W.G., and Skotnicki, S.J., 2000, Geologic map and geologic hazards of the Three Points 7.5' quadrangle, Pima County, Arizona: Arizona Geological Survey Digital Geologic Map Series DGM-04, 1 CD-ROM (19 p., 1 sheet, scale 1:24,000).
DGM-05	Pearthree, P.A., Youberg, Ann, and Skotnicki, S.J., 2000, Geologic map of the West of Avra 7.5' quadrangle, Pima County, Arizona: Arizona Geological Survey Digital Geologic Map Series DGM-05, 1 CD-ROM (1 sheet, scale 1:24,000).
DGM-06	Skotnicki, S.J., and Pearthree, P.A., 2000, Geologic map of the Cocoraque Butte 7.5' quadrangle, Pima County, Arizona: Arizona Geological Survey Digital Geologic Map Series DGM-06, 1 CD-ROM (27 p., 1 sheet, scale 1:24,000).
DGM-08	Skotnicki, S.J., and Siddoway, C.H., 2001, Combination geologic map of the Galleta Flat West 7.5' Quadrangle, Pima and Cochise Counties, Arizona: Arizona Geological Survey Digital Geologic Map Series DGM-08, v. 1.0, 1 CD-ROM (18 p., 1 sheet, scale 1:24,000).
DGM-09	Skotnicki, S.J., 2001, Geologic map of the Mescal 7.5' Quadrangle, Pima and Cochise Counties, Arizona: Arizona Geological Survey Digital Geologic Map Series DGM-09, v. 1.0, 1 CD-ROM (25 p., 1 sheet, scale 1:24,000).
DGM-10	Spencer, J.E., Ferguson, C.A., Richard, S.M., Orr, T.R., Pearthree, P.A., Gilbert, W.G., and Krantz, R.W., 2001, Geologic map of The Narrows 7 1/2' Quadrangle and the southern part of the Rincon Peak 7 1/2' Quadrangle, eastern Pima County, Arizona (revised May, 2002): Arizona Geological Survey Digital Geologic Map Series DGM-10, v. 1.1, 1 CD-ROM (32 p., 1 sheet, scale 1:24,000).
DGM-100	Spencer, J.E., Richard, S.M., Johnson, B.J., Love, D.S., Pearthree, P.A., and Reynolds, S.J., 2013, Geologic map of the Artillery Peak and Rawhide Wash 7.5' Quadrangles, Mohave and La Paz Counties, Arizona: Arizona Geological Survey Digital Geologic Map DGM-100, version 1.0, 2 sheets, scale 1:24,000.
DGM-102	Ferguson, C.A., and Pearthree, P.A., 2013, Geologic map of the Sullivan Buttes 7.5' Quadrangle, Yavapai County, Arizona: Arizona Geological Survey Digital Geologic Map DGM-102, version 1.01, 1 sheet, scale 1:24,000.
DGM-103	Johnson, B.J., Cook, J.P., and Pearthree, P.A., 2013, Geologic map of the Prescott Valley South 7.5' Quadrangle, Yavapai County, Arizona: Arizona Geological Survey Digital Geologic Map DGM-103, version 1.0, 1 sheet, scale 1:24,000.
DGM-104	Cook, J.P., and Youberg, A., 2013, Geologic map of the Safford 7.5' Quadrangle, Graham County, Arizona: Arizona Geological Survey Digital Geologic Map DGM-104, version 1.0, scale 1:24,000.
DGM-105	Youberg, A., 2013, Geologic map of the Thatcher 7.5' Quadrangle, Graham County, Arizona: Arizona Geological Survey Digital Geologic Map DGM-105, version 1.0, 1 sheet, scale 1:24,000.
DGM-106	Cook, J.P., 2013, Geologic map of the Artesia 7.5' Quadrangle and the northeastern corner of the Mount Graham 7.5' Quadrangle, Graham County, Arizona: Arizona Geological Survey Digital Geologic Map DGM-106, version 1.0, 1 sheet, scale 1:24,000.

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DGM-107	Spencer, J.E., Youberg, A., Love, D., Pearthree, P.A., Steinke, T.R., and Reynolds, S.J., 2014, Geologic map of the Bouse and Ibex Peak 7.5' Quadrangles, La Paz County, Arizona: Arizona Geological Survey Digital Geologic Map DGM-107, version 1.0, 1 sheet, scale 1:24,000.
DGM-108	Pearthree, P.A., Spencer, J.E., Youberg, A., and House, P.K., 2014, Geologic map of the Black Peak and Bobs Well 7.5' Quadrangles, La Paz County, Arizona: Arizona Geological Survey Digital Geologic Map DGM-108, version 1.0, 1 sheet, scale 1:24,000.
DGM-109	Ferguson, C.A., and Johnson, B.J., 2013, Geologic map of the western half of the Columbia 7.5' Quadrangle and the eastern half of the Copperopolis 7.5' Quadrangle, Yavapai County, Arizona: Arizona Geological Survey Digital Geologic Map DGM-109, version 1.0, 1 sheet, scale 1:24,000.
DGM-11	Ferguson, C.A., Youberg, Ann, Gildbert, W.G., Orr, T.R., Richard, S.M., and Spencer, J.E., 2001, Geologic map of the Mount Fagan 7.5' Quadrangle, eastern Pima County, Arizona: Arizona Geological Survey Digital Geologic Map Series DGM-11, v. 1.1, 1 CD-ROM, (34p., 1 sheet, scale 1:24,000)..
DGM-12	Richard, S.M., Spencer, J.E., Ferguson, C.A., Youberg, Ann, 2001, Geologic map of the southern part of the Vail 7.5' Quadrangle, eastern Pima County, Arizona: Arizona Geological Survey Digital Geologic Map Series DGM-12, v. 1.1, 1 CD-ROM, (29p., 1 sheet, scale 1:24,000)..
DGM-13	Youberg, Ann, Helmick, W.R., 2001, Surficial geology and geologic hazards of the Amado-Tubac area, Santa Cruz and Pima Counties, Arizona: Arizona Geological Survey Digital Geologic Map Series DGM-13, v. 1.0, 1 CD-ROM, (17p., 2 sheets, scale 1:24,000)..
DGM-14	Reynolds, S.J., Wood, S.E., Pearthree, P.A., Field, J.J., 2002, Geologic map of the White Tank Mountains, central Arizona: Arizona Geological Survey Digital Geologic Map Series DGM-14, v. 1.0, 1 CD-ROM, (2 sheets, scale 1:24,000)..
DGM-15	Skotnicki, S.J., 2002, Geologic map and report for the Buckeye 7.5' Quadrangle, Maricopa County, Arizona: Arizona Geological Survey Digital Geologic Map Series DGM-15, v. 1.0, 1 CD-ROM, (15p., 1 sheet, scale 1:24,000)..
DGM-16	Skotnicki, S.J., 2002, Geologic map and report for the Avondale SW 7.5' Quadrangle, Maricopa County, Arizona: Arizona Geological Survey Digital Geologic Map Series DGM-16, v. 1.0, 1 CD-ROM, (11p., 1 sheet, scale 1:24,000)..
DGM-17	Richard, S.M., Reynolds, S.J., Spencer, J.E., and Pearthree, P.A., 2000, Geologic map of Arizona: Arizona Geological Survey Digital Geologic Map DGM-17, scale 1:1,000,000, with 5 p. text.
DGM-18	Orr, T.R., DeLong, S.B., Spencer, J.E., Richard, S.M., 2004, Geologic map of the Fortified Peak 7.5' Quadrangle, southeastern Pinal County, Arizona: Arizona Geological Survey Digital Geologic Map Series DGM-18, v. 2.0, 1 CD-ROM, (1 sheet, scale 1:24,000)..
DGM-19	Richard, S.M., Youberg, Ann, Spencer, J.E., Ferguson, C.A., 2002, Geologic map of the Durham Hills 7.5' Quadrangle, Pinal County, Arizona: Arizona Geological Survey Digital Geologic Map Series DGM-19, v. 1.1, 1 CD-ROM, (1 sheet, scale 1:24,000)..
DGM-20	Youberg, Ann, Ferguson, C.A., Richard, S.M., Johnson, B.J., Maher, D.J., and Gilbert, W.G., 2002, Geologic map of the Desert Peak 7.5' Quadrangle, southeastern Pinal County, Arizona: Arizona Geological Survey Digital Geologic Map Series DGM-20, v. 1.0, 1 CD-ROM, (1 sheet, scale 1:24,000)..
DGM-21	Spencer, J.E., Pearthree, P.A., 2004, Geologic map of the Oro Valley 7.5' Quadrangle and the Pusch Peak area, northeastern Pima County, Arizona: Arizona Geological Survey Digital Geologic Map Series DGM-21, v. 2.0, 1 CD-ROM, (1 sheet, scale 1:24,000)..

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DGM-22	Spencer, J.E., Richard, S.M., Youberg, Ann, Ferguson, C.A., Orr, T.R., 2002, Geologic map of the Chief Butte 7.5' Quadrangle, southeastern Pinal County, Arizona: Arizona Geological Survey Digital Geologic Map Series DGM-22, v. 1.1, 1 CD-ROM, (1 sheet, scale 1:24,000)..
DGM-23	Orr, T.R., Shipman, T.C., and Spencer, J.E., 2004, Geologic map of the North of Oracle 7 1/2' Quadrangle, southeastern Pinal County, Arizona: Arizona Geological Survey Digital Geologic Map 23 (DGM-23, v. 2.0), 1 CD-ROM (1 sheet, scale 1:24,000).
DGM-24	Skotnicki, S.J., 2002, Geologic map of the Sierra Ancha, central Arizona: Arizona Geological Survey Digital Geologic Map Series DGM-24, v. 1.0, 1 CD-ROM, (29p., 2 sheets, scale 1:100,000)..
DGM-25	Skotnicki, S.J., 2002, Geologic map of the southern Peloncillo Mountains; Skeleton Canyon, Guadalupe Spring, and Guadalupe Canyon, 7.5' Quadrangles, Cochise County, Arizona and Hidalgo County, New Mexico: Arizona Geological Survey Digital Geologic Map Series DGM-25, v. 1.0, 1 CD-ROM, (26p., 1 sheet, scale 1:24,000)..
DGM-26	Ferguson, C.A., Johnson, B.J., Skotnicki, S.J., Maher, D.J., Spencer, J.E., Gilbert, W.G., Richard, S.M., Youberg, Ann, Demsey, K.A., and House, P.K., 2003, Geologic map of the Tortolita Mountains, Pinal and Pima Counties, Arizona: Arizona Geological Survey Digital Geologic Map Series DGM-26, v. 1.0, 1 CD-ROM, (46p., 2 sheets, scale 1:24,000)..
DGM-27	Skotnicki, S.J., 2002, Geologic map of a portion of the Silicified Mescal Paleokarst, northern Sierra Ancha, central Arizona: Arizona Geological Survey Digital Geologic Map Series DGM-27, v. 1.0, 1 CD-ROM, (1 sheet, scale 1:50,000)..
DGM-29	Spencer, J.E., Moore, E.M., Trapp, R.A., 2003, Bedrock geologic map of Sentinel Peak (A-Mountain) and Tumamoc Hill, Pima County, Arizona: Arizona Geological Survey Digital Geologic Map Series DGM-29, v. 1.0, 1 CD-ROM, (1 sheet, scale 1:12,000)..
DGM-30	Johnson, B.J., Ferguson, C.A., Pearthree, P.A., Stavast, W.A., 2003, Geologic map of the Samaniego Peak 7.5' Quadrangle, Pima County, Arizona: Arizona Geological Survey Digital Geologic Map Series DGM-30, v. 1.0, 1 CD-ROM, (21p., 1 sheet, scale 1:24,000)..
DGM-31	Richard, S.M., Spencer, J.E., Youberg, Ann, Johnson, B.J., 2003, Geologic map of the Twin Buttes 7.5' Quadrangle, Pima County, Arizona: Arizona Geological Survey Digital Geologic Map Series DGM-31, v. 1.0, 1 CD-ROM, (1 sheet, scale 1:24,000)..
DGM-32	Ferguson, C.A., Johnson, B.J., Shipman, T.C., 2003, Geologic map of the Batamote Hills 7.5' Quadrangle, Pima County, Arizona: Arizona Geological Survey Digital Geologic Map Series DGM-32, v. 1.0, 1 CD-ROM, (31p., 1 sheet, scale 1:24,000).
DGM-33	Spencer, J.E., Ferguson, C.A., Richard, S.M., Youberg, Ann, 2003, Geologic map of the Esperanza Mill 7.5' Quadrangle, Pima County, Arizona: Arizona Geological Survey Digital Geologic Map Series DGM-33, v. 1.0, 1 CD-ROM, (10p., 1 sheet, scale 1:24,000).
DGM-34	Youberg, Ann, Skotnicki, S.J., Shipman, T.C., Ferguson, C.A., 2004, Geologic map of the Benson 7.5' Quadrangle, Cochise County, Arizona: Arizona Geological Survey Digital Geologic Map Series DGM-34, v. 1.0, 1 CD-ROM, (1 sheet, scale 1:24,000)..
DGM-35	Shipman, T.C., Ferguson, C.A., 2003, Geologic map of the McGrew Sping 7.5' Quadrangle, Cochise County, Arizona: Arizona Geological Survey Digital Geologic Map Series DGM-35, v. 1.0, 1 CD-ROM, (1 sheet, scale 1:24,000)..
DGM-36	Pearthree, P.A., 2003, Geologic map of the Huachuca City 7.5' Quadrangle, Cochise County, Arizona: Arizona Geological Survey Digital Geologic Map Series DGM-36, v. 1.0, 1 CD-ROM, (1 sheet, scale 1:24,000)..
DGM-37	Field, J.J., Pearthree, P.A., Ferguson, C.A., 2004, Geologic map of the Buckeye NW 7.5' Quadrangle, Maricopa County, Arizona: Arizona Geological Survey Digital Geologic Map Series

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DGM-37	v. 1.0, 1 CD-ROM, (1 sheet, scale 1:24,000)..
DGM-38	Ferguson, C.A., Spencer, J.E., Pearthree, P.A., Youberg, Ann, Field, J.J., 2004, Geologic map of the Wagner Wash Well 7.5' Quadrangle, Maricopa County, Arizona: Arizona Geological Survey Digital Geologic Map Series DGM-38, v. 1.0, 1 CD-ROM, (7p., 1 sheet, scale 1:24,000)..
DGM-39	Pearthree, P.A., Youberg, Ann, Field, J.J., Ferguson, C.A., Spencer, J.E., 2004, Geologic map of the Dags Tank 7.5' Quadrangle, Maricopa County, Arizona: Arizona Geological Survey Digital Geologic Map Series DGM-39, v. 1.0, 1 CD-ROM, (1 sheet, scale 1:24,000)..
DGM-40	Shipman, T.C., Grubensky, M.J., 2004, Geologic map of the Wickenburg SW 7.5' Quadrangle, Maricopa County, Arizona: Arizona Geological Survey Digital Geologic Map Series DGM-40, v. 1.0, 1 CD-ROM, (1 sheet, scale 1:24,000)..
DGM-41	Grubensky, M.J., Shipman, T.C., 2004, Geologic map of the Vulture Mine 7.5 Quadrangle, Maricopa County, Arizona: Arizona Geological Survey Digital Geologic Map Series DGM-41, v. 1.0, 1 CD-ROM, (1 sheet, scale 1:24,000)..
DGM-42	Youberg, Ann, Spencer, J.E., Ferguson, C.A., 2004, Geologic map of the Star Well 7.5' Quadrangle, Maricopa County, Arizona: Arizona Geological Survey Digital Geologic Map Series DGM-42, v. 1.0, 1 CD-ROM, (1 sheet, scale 1:24,000)..
DGM-43	Shipman, T.C., 2004, Geologic map of the Tucson SE 7.5' Quadrangle, Pima County, Arizona: Arizona Geological Survey Digital Geologic Map Series DGM-43, v. 1.0, 1 CD-ROM, (1 sheet, scale 1:24,000)..
DGM-44	Richard, S.M., Spencer, J.E., Youberg, Ann, Ferguson, C.A., 2005, Geologic map of the Rincon Valley area, Pima County, Arizona: Arizona Geological Survey Digital Geologic Map Series DGM-44, v. 1.0, 1 CD-ROM, (1 sheet, scale 1:24,000)..
DGM-45	Pearthree, P.A., House, P.K., 1/1/2005, Geologic map of the Davis Dam SE 7.5' Quadrangle, Mohave County, Arizona, and Clark County, Nevada: Arizona Geological Survey Digital Geologic Map Series DGM-45, v. 1.0, 1 CD-ROM (1 sheet, scale 1:24,000).
DGM-46	Spencer, J.E., Youberg, Ann, Ferguson, C.A., 2006, Geologic Map of the Flatiron Mountain 7.5' Quadrangle, Maricopa, Arizona: Arizona Geological Survey Digital Geologic Map Series DGM-46, v. 1.0, 1 CD-ROM, (scale 1:24,000)..
DGM-47	Pearthree, P.A., Ferguson, C.A., Harris, R.C., 2006, Geologic map of the Wintersburg 7.5' Quadrangle, Maricopa County, Arizona: Arizona Geological Survey Digital Geologic Map Series DGM-47, v. 1.0, 1 CD-ROM (1 sheet, scale 1:24,000)..
DGM-48	Youberg, Ann, 2006, Geologic map of the Saint David 7.5' Quadrangle, Cochise County, Arizona: Arizona Geological Survey Digital Geologic Map Series DGM-48, v. 1.0, 1 CD-ROM (1 sheet, scale 1:24,000)..
DGM-49	Shipman, T.C., Ferguson, C.A., 2006, Geologic map of the Land 7.5' Quadrangle, Cochise County, Arizona: Arizona Geological Survey Digital Geologic Map Series DGM-49, v. 1.0, 1 CD-ROM (1 sheet, scale 1:24,000).
DGM-50	Ferguson, C.A., Shipman, T.C., Pearthree, P.A., Moore, E.M., Richard, S.M. and Spencer, J.E., 2006, Geologic map of the Fairbank 7.5' Quadrangle, Cochise County, Arizona: Arizona Geological Survey Digital Geologic Map Series DGM-50, v. 1.0, 1 CD-ROM (1 sheet, scale 1:24,000)..
DGM-51	Pearthree, P.A., Ferguson, C.A., Demsey, K.A., 2006, Geologic map of the Lewis Springs 7.5' Quadrangle, Cochise County, Arizona: Arizona Geological Survey Digital Geologic Map Series DGM-51, v. 1.0, 1 CD-ROM (1 sheet, scale 1:24,000)..
DGM-52	Richard, S.M., Shipman, T.C., Greene, L., and Harris, R.C., 2007, Estimated depth to bedrock in Arizona: Arizona Geological Survey Digital Geologic Map DGM-52, scale 1:1,000,000, with 9 p. text.

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DGM-53	Pearthree, P. A., 2007, Geologic Map of the Needles NE 7.5' Quadrangle, Mohave County, Arizona: Arizona Geological Survey Digital Geologic Map 53, version 1.0, 1 sheet, layout scale 1:24,000, with text.
DGM-54	Spencer, J.E., Ferguson, C.A., Pearthree, P.A., and Richard, S.M., 2007, Geologic map of the Boundary Cone 7.5' Quadrangle, Mohave County, Arizona: Arizona Geological Survey Digital Geologic Map DGM-54, scale 1:24,000.
DGM-55	Shipman, T.C., Richard, S.M., Spencer, J.E., 2007, Geologic map of the Fortuna 7.5 Quadrangle, Yuma County, Arizona.: Arizona Geological Survey Digital Geologic Map Series DGM-55, v. 1.0, 1 CD-ROM, (scale 1:24,000)..
DGM-56	Youberg, Ann, Spencer, J.E., Richard, S.M., 2007, Geologic Map of the Galleta Flat East 7.5 Quadrangle, Cochise County, Arizona: Arizona Geological Survey Digital Geologic Map Series DGM-56, v. 1.0, 1 CD-ROM, (1 sheet, scale 1:24,000)..
DGM-57	Cook, J.P., Shipman, T.C. and Pearthree, P.A., 1/1/2008, Geologic Map of the Hereford 7.5' Quadrangle and the Northern Part of the Stark 7.5' Quadrangle, Cochise County, Arizona: Arizona Geological Survey Digital Geologic Map 57 version 2.0, 1 shee, layout scale 1:24,000, CD-ROM with 1 sheet, with text..
DGM-58	Ferguson, C.A., and Johnson, B.J., 2006, Bedrock geologic map and cross-sections of the Hereford 7.5' Quadrangle, Cochise County, Arizona: Arizona Geological Survey Digital Geologic Map DGM-58, scale 1:12,000, 2 sheets.
DGM-59	Johnson, B.J., Ferguson, C.A., 2007, Geologic map of the Rosemont area, northern Santa Rita Mountains, Pima County, Arizona.: Arizona Geological Survey Digital Geologic Map Series DGM-59, v. 1.1, 1 CD-ROM (10 p., 1 sheet, scale 1:12,000)..
DGM-60	Cook, J., Dickinson, W.R., and Spencer, J.E., 2007, Geologic map of the Redington 7 ½' Quadrangle, Cochise County, Arizona: Arizona Geological Survey Digital Geologic Map DGM-60, scale 1:24,000.
DGM-61	Spencer, J.E., Richard, S.M., Cook, J.P., Dickinson, W.R., Lingrey, S.H., and Guynn, J.H., 2009, Geologic map of the Soza Canyon 7.5' Quadrangle, Cochise and Pima Counties, Arizona: Arizona Geological Survey Digital Geologic Map DGM-61, version 2.0, 1 sheet, scale 1:24,000, with 20 p. text.
DGM-62	Cook, J., Spencer, J.E., Richard, S.M., Lingrey, S., and Guynn, J., 2007, Geologic map of the Wildhorse Mountain 7 ½' Quadrangle, Cochise County, Arizona: Arizona Geologi-cal Survey Digital Geologic Map DGM-62, scale 1:24,000.
DGM-63	Pearthree, P.A., and Ferguson, C.A., 2008, Geologic map of the Antelope Peak NE 7.5' Quadrangle and the southern 2/3 of the Maricopa 7.5' Quadrangle, Pinal County, Arizona: Arizona Geological Survey Digital Geologic Map DGM-63, 2 sheets, scale 1:24,000, with 17 p. text.
DGM-64	Ferguson, C.A., Haddad, D.E., Johnson, B.J., Guynn, J.H., Spencer, J.E., and Eddy, D.L., 2008, Geologic map of the east half of the Black Canyon City 7 ½' Quadrangle and the west half of the Squaw Creek Mesa 7 ½' Quadrangle, Maricopa and Yavapai Counties, Arizona: Arizona Geological Survey Digital Geologic Map DGM-64, 1 sheet, scale 1:24,000, with 27 p. text.
DGM-65	Pearthree, P.A., Ferguson, C.A., Johnson, B.J., and Guynn, J., 2009, Geologic map and report for the proposed State Route 95 realignment corridor in eastern Mohave Valley, Mohave County, Arizona: Arizona Geological Survey Digital Geologic Map DGM-65, 5 sheets, scale 1:24,000, with 44 p. text.
DGM-66	Young, J.J., Spencer, J.E., MacFarlane, B.J., and Richard, S.M., 2010, Geologic map of the Lookout Mountain 7.5' Quadrangle, Pinal County, Arizona: Arizona Geological Survey Digital Geologic Map DGM-66, version 2.0, 1 sheet, scale 1:24,000.

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DGM-67	Spencer, J.E., Gootee, B.F., Richard, S.M., and Cook, J.P., 2009, Geologic map of the Mammoth 7.5' Quadrangle, Pinal County, Arizona: Arizona Geological Survey Digital Geologic Map DGM-67, 2 sheets, scale 1:24,000, with 20 p. text.
DGM-68	Gootee, B.F., Spencer, J.E., Ferguson, C.A., Richard, S.M., Cook, J.P., and MacFarlane, B.J., 2009, Geologic map of the Clark Ranch 7.5' Quadrangle and the west half of the Rhodes Peak 7.5' Quadrangle, Pinal and Graham Counties, Arizona: Arizona Geological Survey Digital Geologic Map DGM-68, version 1.0, 1 sheet, scale 1:24,000, with 21 p. text.
DGM-69	Pearthree, P.A., Cook, J.P., Skotnicki, S.J., and Spencer, J.E., 2009, Geologic Map of the Peppersauce Wash 7½' Quadrangle and Part of the Kielberg Canyon 7 ½' Quadrangle, Pinal and Pima Counties, Arizona: Arizona Geological Survey Digital Geologic Map DGM-69, version 1, 1 sheet, scale 1:24,000, with 14 p. text.
DGM-70	Ferguson, C.A., Johnson, B.J., Pearthree, P.A., Spencer, J.E., 2009, Geologic map of the Grasshopper Junction 7.5' Quadrangle, Mohave County, Arizona: Arizona Geological Survey Digital Geologic Map DGM-70, version 1.0, 2 sheets, scale 1:24,000.
DGM-71	Pearthree, P.A., Youberg, A., and Shipman, T.C., 2009, Surficial geologic map and flood hazard assessment, Rainbow Valley, Maricopa County, Arizona: Arizona Geological Survey Digital Geologic Map DGM-71, version 1.0, 3 sheets, scale 1:24,000, with 13 p. text.
DGM-72	Young, J.J., and Pearthree, P.A., 2012, Geologic map of the Armenta Well 7.5' Quadrangle and part of the Gunsight 7.5' Quadrangle, Organ Pipe Cactus National Monument, Pima County, Arizona: Arizona Geological Survey Digital Geologic Map DGM-72, version 1.0, 1 sheet, scale 1:24,000.
DGM-73	Pearthree, P.A., Youberg, A., and Young, J.J., 2012, Geologic map of the Tillotson Peak 7.5' Quadrangle and part of the Mount Ajo 7.5' Quadrangle, Organ Pipe Cactus National Monument, Pima County, Arizona: Arizona Geological Survey Digital Geologic Map DGM-73, version 1.0, 1 sheet, scale 1:24,000.
DGM-74	Youberg, A., and Pearthree, P.A., 2012, Geologic map of parts of the Lukeville, Diaz Peak, South of Lukeville, and Blankenship Wells 7.5' Quadrangles, Organ Pipe Cactus National Monument, Pima County, Arizona: Arizona Geological Survey Digital Geologic Map DGM-74, 1 sheet, scale 1:24,000.
DGM-75	Young, J.J., Cook, J.P., and Pearthree, P.A., 2012, Surficial geologic map of the western Piedmont of the Maricopa Mountains and the southern piedmont of the Buckeye Hills, Maricopa County, Arizona: Arizona Geological Survey Digital Geologic Map DGM-75, 1 sheet, scale 1:24,000.
DGM-76	Richard, S.M., 2010, Geologic map of the southwestern part of Tonto National Forest, Gila, Maricopa, and Yavapai Counties, Arizona: Arizona Geological Survey Digital Geologic Map DGM-76, scale 1:130,000.
DGM-79	Spencer, J.E., Youberg, A., and Shipman, T.C., 2010, Geologic map of the Spring Water Canyon 7.5' Quadrangle, Pima County, Arizona: Arizona Geological Survey Digital Geologic Map DGM-79, version 1.0, 1 sheet, scale 1:24,000.
DGM-80	Gootee, B.F., Ferguson, C.A., Spencer, J.E., and Cook, J.P., 2010, Geologic map of the Chino Valley North 7.5' Quadrangle, Yavapai County, Arizona: Arizona Geological Survey Digital Geologic Map DGM-80, version 1.0, 1 sheet, scale 1:24,000, with 42 p. text.
DGM-81	Pearthree, P.A., Ferguson, C.A., and Spencer, J.E., 2010, Geologic map of the Dolan Springs 7.5' Quadrangle, Mohave County, Arizona: Arizona Geological Survey Digital Geologic Map DGM-81, version 1.0, 1 sheet, scale 1:24,000.
DGM-86	Youberg, A., Spencer, J.E., and Pearthree, P.A., 2011, Geologic map of the Yuma East 7.5' Quadrangle, Yuma County, Arizona: Arizona Geological Survey Digital Geologic Map DGM-86, version 1.0, 1 sheet, scale 1:24,000.

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DGM-87	Pearthree, P.A., 2011, Geologic map of the Yuma SE 7.5' Quadrangle, Yuma County, Arizona: Arizona Geological Survey Digital Geologic Map DGM-87, version 1.0, 1 sheet, scale 1:24,000.
DGM-88	Youberg, A., 2011, Geologic map of the Somerton 7.5' Quadrangle, Yuma County, Arizona: Arizona Geological Survey Digital Geologic Map DGM-88, 1 sheet, scale 1:24,000.
DGM-89	Spencer, J.E., Lingrey, S.H., Johnson, B.J., Cook, J.P., and Richard, S.M., 2011, Geologic map of the Happy Valley 7.5' Quadrangle, Cochise and Pima Counties, Arizona: Arizona Geological Survey Digital Geologic Map DGM-89, version 1.1, 1 sheet, scale 1:24,000, with 7 p. text.
DGM-90	Pearthree, P.A., and Ferguson, C.A., 2012, Geologic map of the Wineglass Ranch 7.5' Quadrangle, Yavapai County, Arizona: Arizona Geological Survey Digital Geologic Map DGM-90, version 1.0, 1 sheet, scale 1:24,000.
DGM-91	Ferguson, C.A., Gootee, B.F., Pearthree, P.A., and Cook, J.P., 2012, Geologic map of the Paulden 7.5' Quadrangle, Yavapai County, Arizona: Arizona Geological Survey Digital Geologic Map DGM-91, version 1.0, 1 sheet, scale 1:24,000.
DGM-92	Youberg, A., Spencer, J.E., and Cook, J.P., 2012, Geologic map of the Prescott Valley North 7.5' Quadrangle, Yavapai County, Arizona: Arizona Geological Survey Digital Geologic Map DGM-92, version 1.0, 1 sheet, scale 1:24,000.
DGM-93	Young, J.J., and Cook J.P., 2012, Geologic map of the Chino Valley South 7.5' Quadrangle, Yavapai County, Arizona: Arizona Geological Survey Digital Geologic Map DGM-93, version 1.0, 1 sheet, scale 1:24,000.
DGM-94	Spencer, J.E., and Young, J.J., 2012, Geologic map of the Jerome Canyon 7.5' Quadrangle, Yavapai County, Arizona: Arizona Geological Survey Digital Geologic Map DGM-94, version 1.0, 1 sheet, scale 1:24,000.
DGM-95	Pearthree, P.A., 2012, Geologic map of the Cactus Forest 7.5' Quadrangle, Pinal County, Arizona: Arizona Geological Survey Digital Geologic Map DGM-95, version 1.0, 1 sheet, scale 1:24,000.
DGM-96	Johnson, B.J., Pearthree, P.A., and Ferguson, C.A., 2012, Geologic map of the Middle Water Spring 7.5' Quadrangle, Mohave County, Arizona: Arizona Geological Survey Digital Geologic Map DGM-96, version 1.0, 1 sheet, scale 1:24,000.
DGM-97	Ferguson, C.A., Cook, J.P., and Pearthree, P.A., 2012, Geologic map of the White Hills West 7.5' Quadrangle, Mohave County, Arizona: Arizona Geological Survey Digital Geologic Map DGM-97, version 1.0, 1 sheet, scale 1:24,000.
DM-DF-01A	Youberg, A., Cline, M.L., Cook, J.P., and Pearthree, P.A., 2008, Debris-flow deposits at the mouths of Molino, La Milagrosa and Agua Caliente Canyon, Pima County, AZ: Arizona Geological Survey Digital Map - Debris-Flow Map 01A, version 1.0, scale 1:6,000.
DM-DF-01B	Youberg, A., Cline, M.L., Cook, J.P., and Pearthree, P.A., 2008, Debris-flow deposits at the mouth of Soldier Canyon, Pima County, AZ: Arizona Geological Survey Digital Map - Debris-Flow Map 01B, version 1.0, scale 1:6,000.
DM-DF-01C	Youberg, A., Cline, M.L., Cook, J.P., and Pearthree, P.A., 2008, Debris-flow deposits at the mouth of Gibbon Canyon, Pima County, AZ: Arizona Geological Survey Digital Map - Debris-Flow Map 01C, version 1.0, scale 1:6,000.
DM-DF-01D	Youberg, A., Cline, M.L., Cook, J.P., and Pearthree, P.A., 2008, Debris-flow deposits at the mouth of Sabino and Bear Canyon, Pima County, AZ: Arizona Geological Survey Digital Map - Debris-Flow Map 01D, version 1.0, scale 1:6,000.
DM-DF-01E	Youberg, A., Cline, M.L., Cook, J.P., and Pearthree, P.A., 2008, Debris-flow deposits at the mouth of Esperero and Bird Canyon, Pima County, AZ: Arizona Geological Survey Digital Map - Debris-Flow Map 01E, version 1.0, scale 1:6,000.

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DM-DF-01F	Youberg, A., Cline, M.L., Cook, J.P., and Pearthree, P.A., 2008, Debris-flow deposits at the mouth of Ventana Canyon, Pima County, AZ: Arizona Geological Survey Digital Map - Debris-Flow Map 01F, version 1.0, scale 1:6,000.
DM-DF-01G	Youberg, A., Cline, M.L., Cook, J.P., and Pearthree, P.A., 2008, Debris-flow deposits at the mouth of Finger Rock and Pontatoc Canyon, Pima County, AZ: Arizona Geological Survey Digital Map - Debris-Flow Map 01G, version 1.0, scale 1:6,000.
DM-DF-01H	Youberg, A., Cline, M.L., Cook, J.P., and Pearthree, P.A., 2008, Debris-flow deposits at the mouth of Cobblestone Canyon, Pima County, AZ: Arizona Geological Survey Digital Map - Debris-Flow Map 01H, version 1.0, scale 1:6,000.
DM-DF-01I	Youberg, A., Cline, M.L., Cook, J.P., and Pearthree, P.A., 2008, Debris-flow deposits at the mouth of Pima Canyon, Pima County, AZ: Arizona Geological Survey Digital Map - Debris-Flow Map 01I, version 1.0, scale 1:6,000.
DM-DF-01J	Youberg, A., Cline, M.L., Cook, J.P., and Pearthree, P.A., 2008, Debris-flow deposits at the mouth of Pusch Canyon, Pima County, AZ: Arizona Geological Survey Digital Map - Debris-Flow Map 01J, version 1.0, scale 1:6,000.
DM-DF-01K	Youberg, A., Cline, M.L., Cook, J.P., and Pearthree, P.A., 2008, Debris-flow deposits at the mouth of Linda Vista Canyon, Pima County, AZ: Arizona Geological Survey Digital Map - Debris-Flow Map 01K, version 1.0, scale 1:6,000.
DM-EF-1	Arizona Geological Survey, 2014, Earth fissure map of the Chandler Heights study area: Pinal and Maricopa County, AZ: Arizona Geological Survey Digital Map - Earth Fissure Map 1, version 2.0, scale 1:24,000.
DM-EF-10	Arizona Geological Survey, 2009, Earth fissure map of the Wintersburg study area: Maricopa County, AZ: Arizona Geological Survey Digital Map - Earth Fissure Map 10, version 1.0, scale 1:24,000.
DM-EF-11	Arizona Geological Survey, 2009, Earth fissure map of the Tator Hills study area: Pinal County, AZ: Arizona Geological Survey Digital Map - Earth Fissure Map 11, version 1.0, scale 1:24,000.
DM-EF-12	Arizona Geological Survey, 2009, Earth fissure map of the Friendly Corners study area: Pinal County, AZ: Arizona Geological Survey Digital Map - Earth Fissure Map 12, version 1.0, scale 1:24,000.
DM-EF-13	Arizona Geological Survey, 2009, Earth fissure map of the Signal Peak study area: Pinal County, AZ: Arizona Geological Survey Digital Map - Earth Fissure Map 13, version 1.0, scale 1:24,000.
DM-EF-14	Arizona Geological Survey, 2009, Earth fissure map of the Harquahala study area: Maricopa County, AZ: Arizona Geological Survey Digital Map - Earth Fissure Map 14, version 1.0, scale 1:24,000.
DM-EF-15	Arizona Geological Survey, 2009, Earth fissure map of the Greene Wash study area: Pinal County, AZ: Arizona Geological Survey Digital Map - Earth Fissure Map 15, version 1.0, scale 1:24,000.
DM-EF-16	Arizona Geological Survey, 2009, Earth fissure map of the Dragoon Road study area: Cochise County, AZ: Arizona Geological Survey Digital Map - Earth Fissure Map 16, version 1.0, scale 1:24,000.
DM-EF-18	Arizona Geological Survey, 2011, Earth fissure map of the Sacaton Butte study area: Pinal County, AZ: Arizona Geological Survey Digital Map - Earth Fissure Map 18, version 1.0, scale 1:24,000.

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DM-EF-19	Arizona Geological Survey, 2011, Earth fissure map of the Santa Rosa Wash study area: Pinal County, AZ: Arizona Geological Survey Digital Map - Earth Fissure Map 19, version 1.0, scale 1:24,000.
DM-EF-2	Arizona Geological Survey, 2008, Earth fissure map of the Apache Junction study area: Pinal and Maricopa County, AZ: Arizona Geological Survey Digital Map - Earth Fissure Map 2, version 1.0, scale 1:12,000.
DM-EF-20	Arizona Geological Survey, 2011, Earth fissure map of the White Horse Pass study area: Pinal County, AZ: Arizona Geological Survey Digital Map - Earth Fissure Map 20, version 1.0, scale 1:24,000.
DM-EF-22	Arizona Geological Survey, 2012, Earth fissure map of the Three Sisters Buttes study area: Cochise County, AZ: Arizona Geological Survey Digital Map - Earth Fissure Map 22, version 2.0, scale 1:24,000.
DM-EF-23	Arizona Geological Survey, 2012, Earth fissure map of the Bowie San Simon study area: Cochise and Graham County, AZ: Arizona Geological Survey Digital Map - Earth Fissure Map 23, version 2.0, scale 1:24,000.
DM-EF-24	Arizona Geological Survey, 2012, Earth fissure map of the Elfrida study area: Cochise County, AZ: Arizona Geological Survey Digital Map - Earth Fissure Map 24, version 1.0, scale 1:12,000.
DM-EF-25	Arizona Geological Survey, 2012, Earth fissure map of the Croton Springs study area: Cochise County, AZ: Arizona Geological Survey Digital Map - Earth Fissure Map 25, version 1.0, scale 1:12,000.
DM-EF-26	Arizona Geological Survey, 2014, Earth fissure map of the North Sulphur Springs Valley study area: Cochise and Graham County, AZ: Arizona Geological Survey Digital Map - Earth Fissure Map 26, version 1.0, scale 1:24,000.
DM-EF-27	Arizona Geological Survey, 2014, Earth fissure map of the Avra Valley study area: Pima County, AZ: Arizona Geological Survey Digital Map - Earth Fissure Map 27, version 1.0, scale 1:24,000.
DM-EF-28	Arizona Geological Survey, 2014, Earth fissure map of the McMullen Valley study area: Maricopa and La Paz County, AZ: Arizona Geological Survey Digital Map - Earth Fissure Map 28, version 1.0, scale 1:24,000.
DM-EF-3	Arizona Geological Survey, 2012, Earth fissure map of the Picacho and Friendly Corners study area: Pinal County, AZ: Arizona Geological Survey Digital Map - Earth Fissure Map 3, version 2.0, scale 1:24,000.
DM-EF-4	Arizona Geological Survey, 2008, Earth fissure map of the Mesa study area: Maricopa County, AZ: Arizona Geological Survey Digital Map - Earth Fissure Map 4, version 1.0, scale 1:12,000.
DM-EF-5	Arizona Geological Survey, 2008, Earth fissure map of the Scottsdale study area: Maricopa County, AZ: Arizona Geological Survey Digital Map - Earth Fissure Map 5, version 1.0, scale 1:24,000.
DM-EF-6	Arizona Geological Survey, 2008, Earth fissure map of the Toltec Buttes study area: Pinal County, AZ: Arizona Geological Survey Digital Map - Earth Fissure Map 6, version 1.0, scale 1:24,000.
DM-EF-7	Arizona Geological Survey, 2008, Earth fissure map of the Pete's Corner study area: Pinal County, AZ: Arizona Geological Survey Digital Map - Earth Fissure Map 7, version 1.0, scale 1:24,000.
DM-EF-8	Arizona Geological Survey, 2014, Earth fissure map of the Luke study area: Maricopa County, AZ: Arizona Geological Survey Digital Map - Earth Fissure Map 8, version 2.0, scale 1:24,000.

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DM-EF-9	Arizona Geological Survey, 2009, Earth fissure map of the Heaton study area: Maricopa and Pinal County, AZ: Arizona Geological Survey Digital Map - Earth Fissure Map 9, version 1.0, scale 1:24,000.
DM-RM-01	Cook, J.P., Youberg, A., Pearthree, P.A., Onken, J.A., MacFarlane, B.J., Bigio, E.R., and Kowler, A.L., 2012, Mapping of Holocene river alluvium along the San Pedro River, Aravaipa Creek, and Babocomari River, southeastern Arizona: Arizona Geological Survey Digital Map - River Map 1, version 1.2, scale 1:24,000.
DM-RM-02	Cook, J.P., Pearthree, P.A., Onken, J.A., Youberg, A., and Bigio, E.R., 2010, Mapping of Holocene river alluvium along the Verde River, central Arizona: Arizona Geological Survey Digital Map - River Map 2, version 1.0, scale 1:24,000.
DM-RM-03	Cook, J.P., Pearthree, P.A., Onken, J.A., and Bigio, E.R., 2010, Mapping of Holocene river alluvium along Oak Creek, Wet Beaver Creek, West Clear Creek, Fossil Creek, and the East Verde River, central Arizona: Arizona Geological Survey Digital Map - River Map 3, version 1.0, scale 1:24,000.
GI-1-A	Christenson, G.E., Welsch, D.G., and Pewe, T.L., 1978, Geology, McDowell Mountains area, Maricopa County, Arizona, in Christenson, G.E., Welsch, D.G., and Pewe, T.L., Environmental geology of the McDowell Mountains area, Maricopa County, Arizona: Arizona Bureau of Geology and Mineral Technology Geologic Investigation Series Map GI-1-A, 1 sheet, scale 1:24,000.
GI-2-A	Pewe, T.L., Wellendorf, C.S., and Bales, J.T., 1986, Geology, Tempe quadrangle, Maricopa County, Arizona, in Pewe, T.L., Wellendorf, C.S., and Bales, J.T., Environmental geology of the Tempe quadrangle, Maricopa County, Arizona: Arizona Bureau of Geology and Mineral Technology Geologic Investigation Series Map GI-2-A, 1 sheet, scale 1:24,000.
GI-2-B	Pewe, T.L., Wellendorf, C.S., and Bales, J.T., 1986, Environmental geology of the Tempe quadrangle, Maricopa County, Arizona: Arizona Bureau of Geology and Mineral Technology Geologic Investigation Folio Series no. 2, 8 sheets, scales 1:8,700 and 1:24,000.
Map 27	Grubensky, M.J., 1989, Geologic map of the Vulture Mountains, west-central Arizona [Wickenburg SW, Vulture Mine, Wildcat Well, Wickenburg, Vulture Peak, Outlaw Hill, Black Butte, and Forepaugh Peak 7.5 min]: Arizona Geological Survey Map M-27, 3 sheets, scale 1:24,000.
Map 29	Grubensky, M.J., and Demsey, K.A., 1991, Geologic map of the Little Horn Mountains 15' quadrangle, southwestern Arizona [Little Horn Mts. SE, Cementosa Wash, Little Horn Mts. NE, Coyote Peak 7.5 min]: Arizona Geological Survey Map M-29, 10 p., 1 sheet, scale 1:50,000.
Map 30	Reynolds, S.J., Spencer, J.E., Laubach, S.E., Cunningham, Dickson, and Richard, S.M., 1991, Geologic map and sections of the Granite Wash Mountains, west-central Arizona [Harcuvar 7.5 min]: Arizona Geological Survey Map M-30, 1 sheet, scale 1:24,000.
MM-76-A	Varga, R.J., 1976, Geologic map and sections of a portion of the western Harquahala Mountains, Arizona: Arizona Bureau of Geology and Mineral Technology Miscellaneous Map MM-76-A, 1 sheet, scale 1:15,700 [superseded by Arizona Bureau of Geology and Mineral Technology Circular 20, 1977].
MM-76-B	DeWitt, Ed, 1976, Geologic map of the Mayer-Crown King area, Yavapai County, Arizona, and metamorphic and chemical data map, Mayer-Crown King area, Yavapai County, Arizona: Arizona Bureau of Geology and Mineral Technology Miscellaneous Map MM-76-B, 2 sheets, scale 1:24,000.
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OFR 96-23	Spencer, J.E., Richard, S.M., and Pearthree, P.A., comps., 1996, Geologic map of the Mesa 30' x 60' quadrangle, east-central Arizona: Arizona Geological Survey Open-File Report 96-23, 1 sheet, scale 1:100,000.

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OFR 96-26	Pearthree, P.A., and Demsey, K.A., 1996, Surficial geologic map of the southern parts of the New River Mesa and Humboldt Mountain quadrangles, Maricopa County, Arizona: Arizona Geological Survey Open-File Report 96-26, 13 p., 1 sheet, scale 1:24,000.
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OFR 97-01	Leighty, R.S., Skotnicki, S.J., and Pearthree, P.A., 1997, Geologic map of the Cave Creek quadrangle, Maricopa County, Arizona: Arizona Geological Survey Open-File Report 97-01, 38 p., 2 sheets, scales 1:12,000 and 1:24,000.
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OFR 98-23	Klawon, J.E., Pearthree, P.A., Skotnicki, S.J., and Ferguson, C.A., 1998, Geology and geologic hazards of the Casa Grande area, Pinal County, Arizona [Stanfield, Casa Grande West, Casa Grande East, Coolidge, Double Peak, and Chuichu 7.5 min]: Arizona Geological Survey Open-File Report 98-23, 26 p., 6 sheets, scale 1:24,000.
OFR 98-24	Pearthree, P.A., 1998, Quaternary fault data and map for Arizona: Arizona Geological Survey Open-File Report 98-24, 122 p., 1 sheet, scale 1:750,000, 1 HD DOS disk.
OFR 99-04	House, P.K., Wood, M.L., and Pearthree, P.A., 1999, Hydrologic and geomorphic characteristics of the Bill Williams River, Arizona: Arizona Geological Survey Open-File Report 99-04, 46 p., 2 sheets, scale 1:24,000.
OFR 99-06	Spencer, J.E., and Richard, S.M., 1999, Geologic map and report for the Theodore Roosevelt Dam area, Gila and Maricopa Counties, Arizona: Arizona Geological Survey Open-File Report 99-06, 28 p., 1 sheet, scale 1:24,000.

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SP-2 h	Wohletz, K.H., 1978, The eruptive mechanism of the Peridot Mesa vent, San Carlos, Arizona, in Burt, D.M., and Pewe, T.L., eds., Guidebook to the geology of central Arizona, 74th Cordilleran Section Meeting, Geological Society of America, Arizona State University, Tempe, Arizona: Arizona Bureau of Geology and Mineral Technology Special Paper no. 2, p. 167-171.	SP-7 g	Schreiber, J.F., Jr., Armin, R.A., Connolly, W.M., Stanton, R.J., Jr., Armstrong, A.K., Lyons, T.W., and Wrucke, C.T., 1990, Upper Paleozoic stratigraphy of the Whetstone Mountains, Cochise and Pima Counties, Arizona, in Gehrels, G.E., and Spencer, J.E., eds., Geologic excursions through the Sonoran Desert Region, Arizona and Sonora: Arizona Geological Survey Special Paper 7, p. 104-113.
SP-5 a	Conway, C.M., Karlstrom, K.E., Silver, L.T., and Wrucke, C.T., 1987, Tectonic and magmatic contrasts across a two-province Proterozoic boundary in central Arizona, in Davis, G.H., and VandenDolder, E.M., eds., Geologic diversity of Arizona and its margins: Excursions to choice areas; Field-trip guidebook, 100th Annual Meeting, The Geological Society of America, Phoenix, Arizona, October 26-29, 1987: Arizona Bureau of Geology and Mineral Technology Special Paper 5, p. 158-175.	SP-7 h	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., eds., Geologic excursions through the Sonoran Desert Region, Arizona and Sonora: Arizona Geological Survey Special Paper 7, p. 114-123.

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SP-8	Doorn, P.L., and Pewe, T.L., 1991, Geologic and gravimetric investigations of the Carefree Basin, Maricopa County, Arizona: Arizona Geological Survey Special Paper 8, 187 p., 10 sheets, scales 1:24,000 and 1:48,000.

499 citations

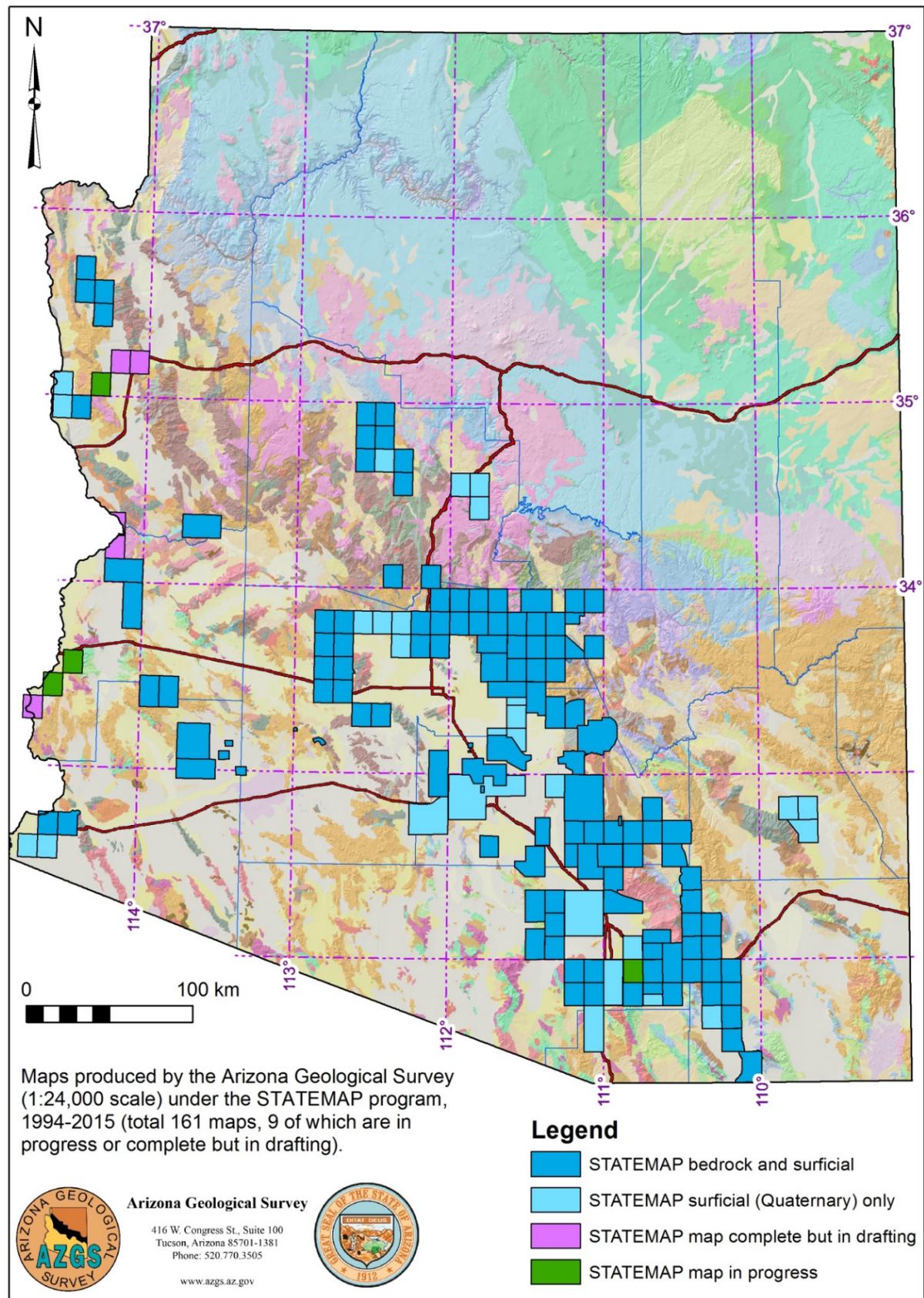


Figure 11

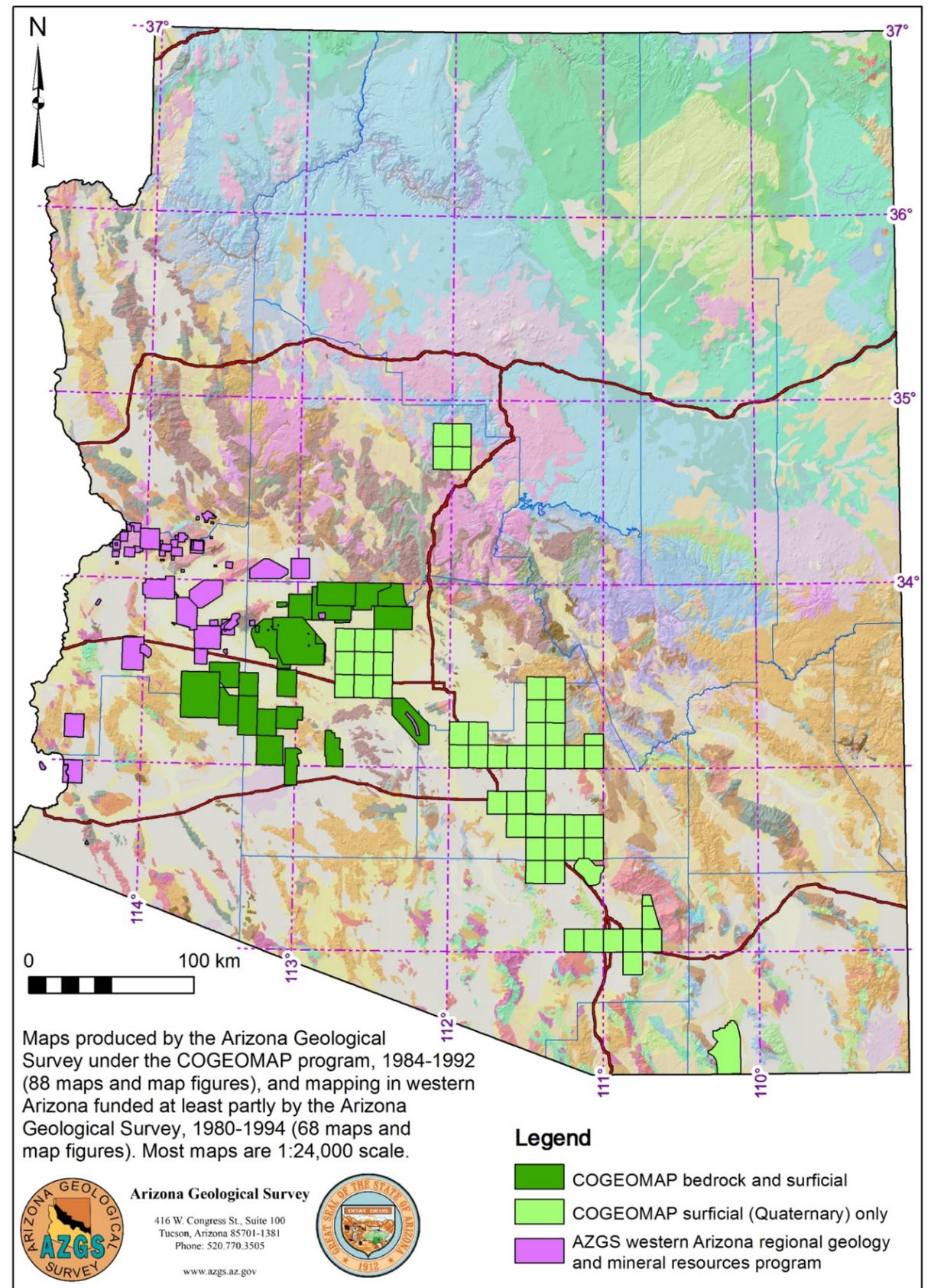


Figure 12

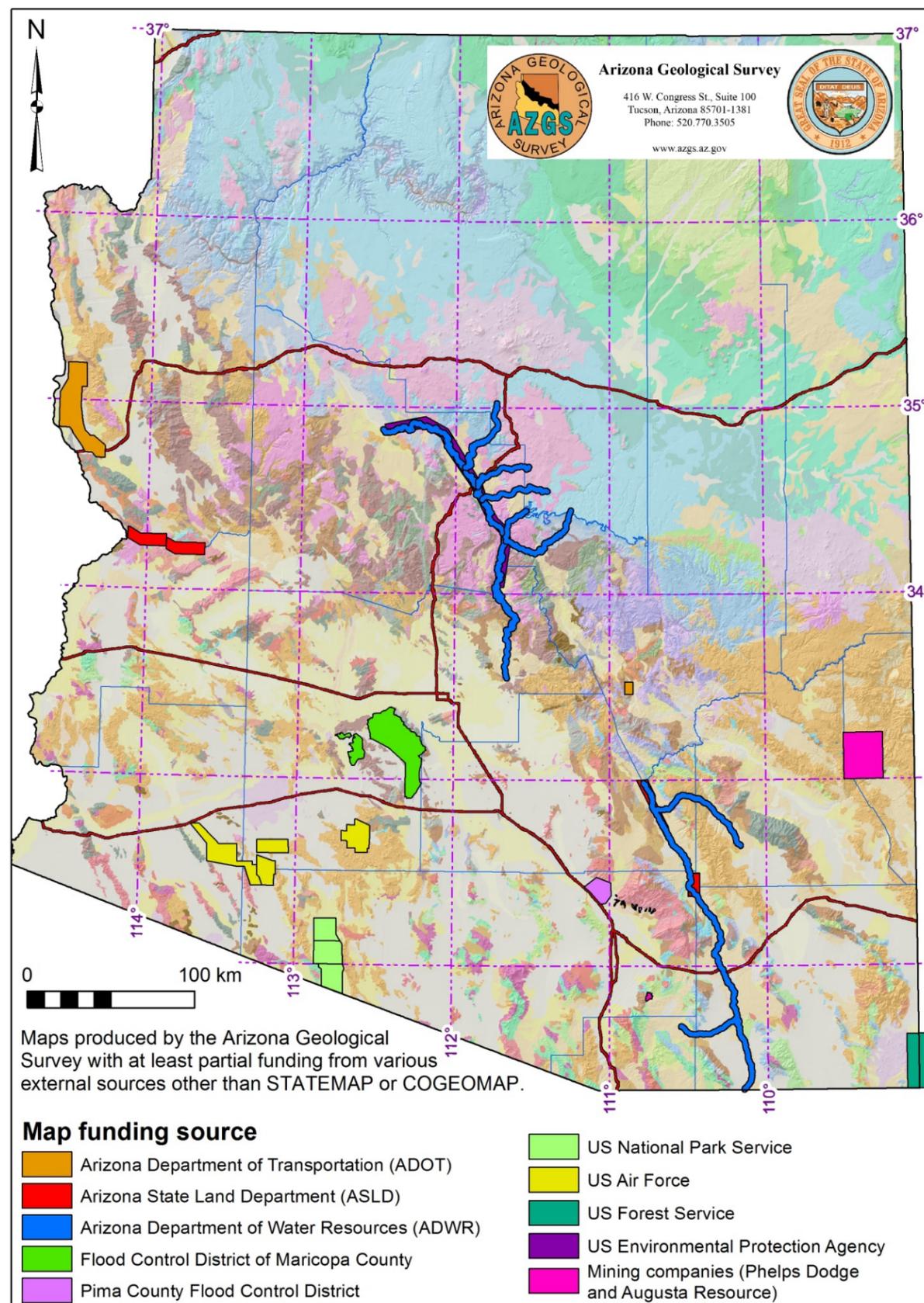


Figure 13

Database procedures

The maps and tables in this Open-File Report were derived from two separate databases that are maintained and updated at irregular intervals by the Arizona Geological Survey. One is a bibliographic database (AZGeoBib) that contains approximately 13,000 citations to publications relevant to Arizona geology. Most citations are associated with key words or geographic areas. This database is searchable online at www.azgs.az.gov under Publications – Bibliography of Arizona Geology. The other database is an ArcGIS geodatabase (AZindex) of geologic-map areas in Arizona, or in a few cases, directly adjacent to Arizona. AZindex contains the locations of approximately 2000 geologic maps as well as other information such as map scale, publisher, and authors. To create this Open-File Report, all geologic maps in AZindex that are available from the Arizona Geological Survey were given an abbreviated publication number in the PubNum field. All of these maps are represented in the map figures with PubNum displayed in figures 2-10.

Each citation record in AZGeoBib includes a unique identifier (field name SysGUID). Each map record in AZindex contains a foreign key entry (CitationSysGuid) that is the unique identifier for the related bibliographic citation. The two databases were joined using Microsoft Access (SysGUID joined to CitationSysGuid) with a Query (named “AZ_map_list_Query_no_duplicate_pubNums”). In the Query Properties Sheet the property Unique Values is set to YES. This eliminates all duplicate citations where individual publications contained more than one map (approximately map 700 citations, with duplicates, were reduced to 500 unique citations). Setting the Unique Values to YES also truncates all fields with more than 255 characters, so a large fraction of citations were truncated. To address this problem, the Query “AZ_map_list_Query_no_duplicate_pubNums” was joined to AZGeoBib (SysGuid joined to SysGuid) to create a Query named “AZ_map_list_Query_no_truncated_citations” that has no duplicates and no truncated fields. This query is the source of the Access table that is included here as the list of citations.

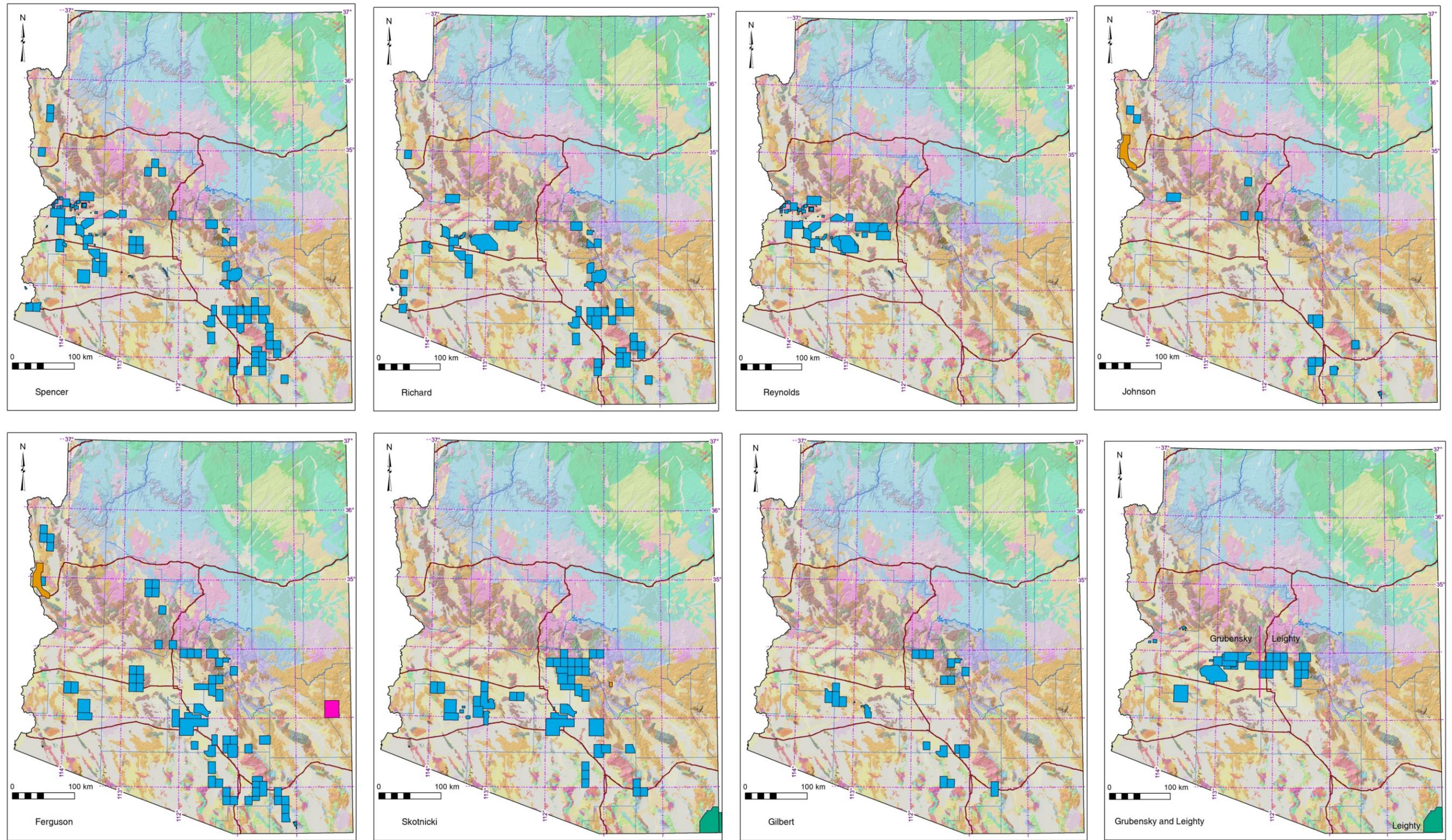


Figure 14. Some bedrock mapper map-areas by authorship.

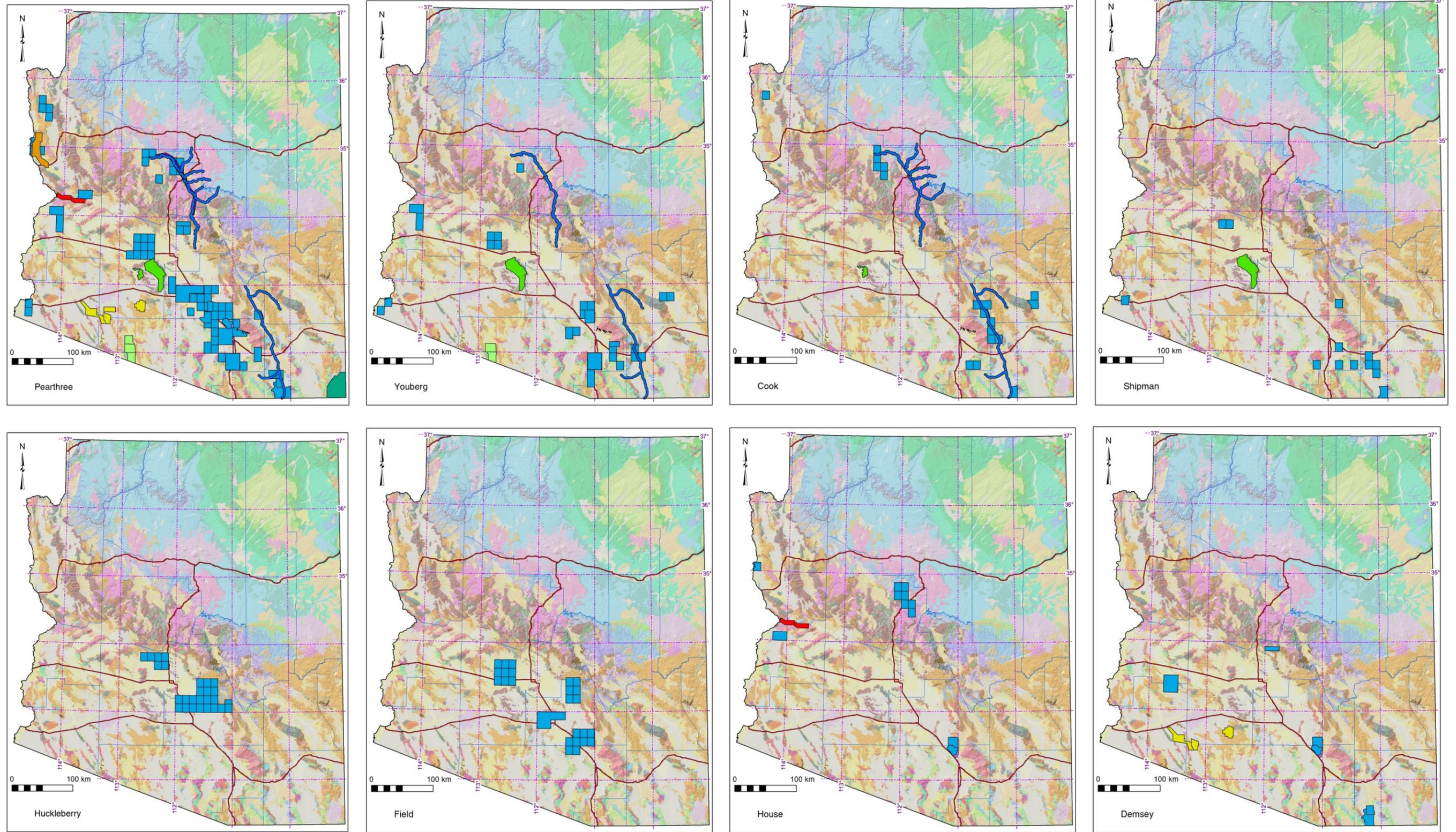


Figure 15. Some surficial (Quaternary) mapper map-areas by authorship.