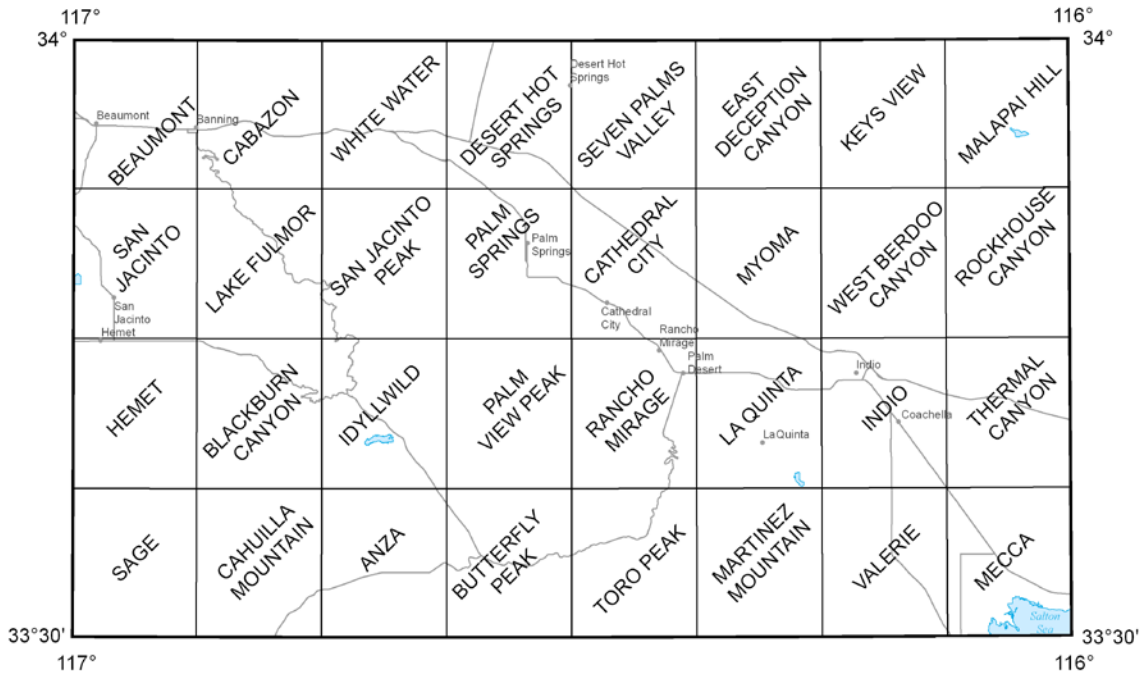


Palm Springs 30' x 60' Quadrangle – References



Digital Geologic Data File Used in GIS Compilation of Quaternary Units

Bryant, W.A. (compiler), 2005, Digital database of Quaternary and younger faults from the Fault Activity Map of California, version 2.0: California Geological Survey, data amended by revisions in progress, 5/5/11.

http://www.consrv.ca.gov/cgs/information/publications/Pages/QuaternaryFaults_ver2.aspx

Matti, J.C., 2012, Preliminary geologic mapping in the Palm Springs 30' x 60' quadrangle, California: Unpublished, in progress, digital data provided by U.S. Geological Survey to California Geological Survey, versions dated 5/26/2012, 8/7/2012, and 9/10/2012, scale 1:100,000.

Morton, D.M., and Kennedy, M.P., 2005, Preliminary geologic map of the Sage 7.5' quadrangle, Riverside County, California: U.S. Geological Survey, Open-File Report 2005-1285, scale 1:24,000.

http://pubs.usgs.gov/of/2005/1285/sage1_map.pdf

Morton, D.M., and Matti, J.C., 2005, Preliminary geologic map of the Hemet 7.5' quadrangle, Riverside County, California: U.S. Geological Survey, Open-File Report 04-1455, scale 1:24,000.

http://pubs.usgs.gov/of/2004/1455/hmt1.1_map.pdf

U.S. Geological Survey and California Geological Survey, 2011, Quaternary Fault and Fold Database for the Nation, California Section.
<http://earthquake.usgs.gov/hazards/qfaults/>

Imagery Used

National Center for Airborne Laser Mapping (NCALM), 2005, B4 Project-Southern San Andreas and San Jacinto Faults.
<http://opentopo.sdsc.edu/>

U.S. Department of Agriculture, 1953, Aerial photographs (designated as AXM; multiple flight lines and frames), black and white, vertical, scale 1:24,400.

U.S. Department of Agriculture, Farm Service Agency-Aerial Photography Field Office, National Agriculture Imagery Program (NAIP), 2005a, 1-meter resolution.
<http://datagateway.nrcs.usda.gov/>

U.S. Department of Agriculture, Farm Service Agency-Aerial Photography Field Office, National Agriculture Imagery Program (NAIP), 2005b, color infrared, 1-meter resolution. <http://datagateway.nrcs.usda.gov/>

U.S. Department of Agriculture, Farm Service Agency-Aerial Photography Field Office, National Agriculture Imagery Program (NAIP), 2009a, 1-meter resolution.
<http://datagateway.nrcs.usda.gov/>

U.S. Department of Agriculture, Farm Service Agency-Aerial Photography Field Office, National Agriculture Imagery Program (NAIP), 2009b, color infrared, 1-meter resolution. <http://datagateway.nrcs.usda.gov/>

References Used in Preparing Legends and Maps for Quaternary Units

Matti, J. C., and Cossette, P.M., 2007, Classification of surficial materials, Inland Empire Region, southern California: conceptual and operational framework: U.S. Geological Survey, Open-File Report.

Southern California Areal Mapping Project (SCAMP), 2000, A proposed classification for surficial geologic materials in southern California, version 1.0.

U.S. Geological Survey and California Division of Mines and Geology, 2000, Classification of Quaternary deposits, Southern California Areal Mapping Project (SCAMP), a working model, version 1.0: (09/10/2000).

Other Selected Publications Used as References

Alluvial Fan Task Force (AFTF), 2010, AFTF study area flood history: California State University, San Bernardino - Water Resources Institute, 72p.

Cox, B.F., Matti, J.C., King, T., Morton, D.M., 2002, Neogene strata of southern Santa Rosa Mountains, California, and their significance for tectonic evolution of western Salton trough: Geological Society of America Abstract with Program. https://gsa.confex.com/gsa/2002AM/finalprogram/abstract_46530.htm

Matti, J.C., Wooden, J.L., Powell, R.E., 1994, Late Cretaceous plutonic and metamorphic complex in the Little San Bernardino Mountains, Southern California: Geological Society of America Abstracts with Program, v.26; no.2; p.70-71.

Matti, J.C., Morton, D.M., 2000, Geology of the San Bernardino National Forest: U.S. Geological Survey, unpublished manuscript.

Matti, J.C., Cox, B.F., Morton, D.M., Sharp, R.V., King, T., 2002, Fault-bounded Neogene sedimentary deposits in the Santa Rosa Mountains, southern California: Crustal stretching or transpressional uplift?: Geological Society of America Abstracts with Program. https://gsa.confex.com/gsa/2002AM/finalprogram/abstract_46659.htm

NRC, 1996, Alluvial fan flooding: National Research Council, Committee on Alluvial Fan Flooding, Water Science and Technology Board, Commission on Geosciences, Environment, and Resources, National Academy Press, p. 172.

Powell, R.E., 1981, Geology of the crystalline basement complex, Eastern Transverse Ranges, southern California: Constraints on regional tectonic interpretation: California Technical Institution, PhD Dissertation. <http://thesis.library.caltech.edu/2981/>

Powell, R.E., and Matti, J.C., 2006, A geologic and geomorphic mapping approach to understanding the kinematic role of faulting in the Little San Bernardino Mountains: *in* The evolution of the San Andreas fault system in southern California: Transactions of the American Geophysical Union, abstracts with programs, v.87(52). <http://adsabs.harvard.edu/abs/2006AGUFM.T21B0404P>

Rogers, T.H. (compiler), 1965, Geologic map of California, Olaf P. Jenkins edition, Santa Ana sheet: California Division of Mines and Geology, scale 1: 250,000.

Treiman, J. A., Matti, J. C., Bryant, W. A., and Kendrick, K. J., 2012, Fault nomenclature for the San Gorgonio Pass region: Southern California Earthquake Center (SCEC) Annual Conference, abstracts with programs, p.143.

Trent, D.D., 1998, Geology of the Joshua Tree National Park, San Bernardino and Riverside counties: *in* California Geology, California Division of Mines and Geology, September/October, p.3-16.

U.S. Geological Survey and California Division of Mines and Geology, 1992, Southern California geology, Banning fault: Southern California Areal Mapping Project (SCAMP), USGS Open File Report 92-354.

http://geomaps.wr.usgs.gov/archive/scamp/html/scg_ie_banning.html

Waters, M. R., 1983, Late Holocene lacustrine chronology and archaeology of ancient lake Cahuilla, California. *Quaternary Research* v.19, pp.373–387.

Anza 7.5' Quadrangle

Dibblee, T.W., Jr., and Brown, A.R., 1981, Geologic map of the Idyllwild (15 minute) quadrangle, California: South Coast Geological Society, Inc, Geologic Map 5, scale 1:62,500.

Dibblee, T.W., Jr. and Minch, J.A., 2008, Geologic map of the Hemet and Idyllwild 15 minute quadrangles, Riverside County, California: Dibblee Geological Foundation, Map DF-371, scale 1:62,500.

Dorsey, R.J., and Roering, J.J., 2005, Quaternary landscape evolution in the San Jacinto fault zone, Peninsular Ranges of Southern California: Transient response to strike slip fault initiation. *Geomorphology*; v. 73, p 16-32.

<http://pages.uoregon.edu/rdorsey/Downloads/DorseyRoering2006.pdf>

Hill, R.I., 1984, Petrology and petrogenesis of batholithic rocks, San Jacinto Mountains, southern California: California Institute of Technology, PhD Dissertation.

Sharp, R.V., 1965, Geology of the San Jacinto fault zone in the Peninsular Ranges of southern California: California Institute of Technology, PhD Dissertation. <http://resolver.caltech.edu/CaltechETD:etd-12122003-091348>

Blackburn Canyon 7.5' Quadrangle

Dibblee, T.W., Jr., and Brown, A.R., 1982, Geologic map of the Hemet (15 minute) quadrangle, California: South Coast Geological Society, Inc, Geologic map 4, scale 1:62,500.

Dibblee, T.W., Jr., and Minch, J.A., 2008, Geologic map of the Hemet and Idyllwild 15 minute quadrangles, Riverside County, California: Dibblee Geological Foundation, Map DF-371, scale 1:62,500.

Hill, R.I., 1984, Petrology and petrogenesis of batholithic rocks, San Jacinto Mountains, southern California: California Institute of Technology, PhD Dissertation.

Sharp, R.V., 1965, Geology of the San Jacinto fault zone in the Peninsular Ranges of southern California: California Institute of Technology, PhD Dissertation. <http://resolver.caltech.edu/CaltechETD:etd-12122003-091348>

Beaumont 7.5' Quadrangle

Dair, L., and Cooke, M.L., 2009, San Andreas fault geometry through the San Geronio Pass, California: The Geological Society of America, v. 37; no.2, p. 119-122. http://www.geo.umass.edu/faculty/cooke/papers/Dair&Cooke_2009.pdf

Dibblee, T.W., Jr., and Brown, A.R., 1981, Geologic map of the Banning (15 minute) quadrangle, California: South Coast Geological Society, Inc, Geologic Map 2, scale 1:62,500.

Dibblee, T.W., Jr., and Minch, J.A., 2003, Geologic map of the Beaumont quadrangle, Riverside County, California: Dibblee Geological Foundation, Map DF-114, scale 1:24,000.

Hill, R.I., 1984, Petrology and petrogenesis of batholithic rocks, San Jacinto Mountains, southern California: California Institute of Technology, PhD Dissertation.

Butterfly Peak 7.5' Quadrangle

Calzia, J.P., 1988, Mineral resource potential map of the Pyramid Peak Roadless Area, Riverside County, California: U.S. Geological Survey, Miscellaneous Field Studies, Map 1999, scale 1:62,500. <http://pubs.er.usgs.gov/publication/mf1999>

Dibblee, T.W., Jr., and Brown, A.R., 1981, Geologic map of the Idyllwild (15 minute) quadrangle, California: South Coast Geological Society, Inc, Geologic Map 5, scale 1:62,500.

Dibblee, T.W., Jr., and Minch, J.A., 2008, Geologic map of the Hemet and Idyllwild 15 minute quadrangles, Riverside County, California: Dibblee Geological Foundation, Map DF-371, scale 1:62,500.

Erskine, B.G., 1985, Mylonitic deformation and associated low-angle faulting in the Santa Rosa mylonite zone, southern California: University of California, Berkley: PhD Dissertation.

Hill, R.I., 1984, Petrology and petrogenesis of batholithic rocks, San Jacinto Mountains, southern California: California Institute of Technology, PhD Dissertation.

Sharp, R.V., 1965, Geology of the San Jacinto fault zone in the Peninsular Ranges of southern California: California Institute of Technology, PhD Dissertation. <http://resolver.caltech.edu/CaltechETD:etd-12122003-091348>

Cabazon 7.5' Quadrangle

Dair, L., and Cooke, M.L., 2009, San Andreas fault geometry through the San Geronio Pass, California: The Geological Society of America, v. 37; no.2, p. 119-122. http://www.geo.umass.edu/faculty/cooke/papers/Dair&Cooke_2009.pdf

Dibblee, T.W., Jr., and Brown, A.R., 1981, Geologic map of the Banning (15 minute) quadrangle, California: South Coast Geological Society, Inc, Geologic Map 2, scale 1:62,500.

Dibblee, T.W., Jr., and Minch, J.A., 2004, Geologic map of the Cabazon quadrangle, Riverside County, California: Dibblee Geological Foundation, Map DF-119, scale 1:24,000.

Hill, R.I., 1984, Petrology and petrogenesis of batholithic rocks, San Jacinto Mountains, southern California: California Institute of Technology, PhD Dissertation.

Matti, J.C., Cox, B.F., Iverson, S.R., 1983, Mineral resource potential map of the Raywood Flat Roadless Areas, Riverside and San Bernardino counties, California: U.S. Geological Survey, Miscellaneous Field Studies, Map 1563A.

Cahuilla Mountain 7.5' Quadrangle

Dibblee, T.W., Jr., and Brown, A.R., 1982, Geologic map of the Hemet (15 minute) quadrangle, California: South Coast Geological Society, Inc, Geologic Map 4, scale 1:62,500.

Dibblee, T.W., Jr., and Minch, J.A., 2008, Geologic map of the Hemet and Idyllwild 15 minute quadrangles, Riverside County, California: Dibblee Geological Foundation, Map DF-371, scale 1:62,500.

Sharp, R.V., 1965, Geology of the San Jacinto fault zone in the Peninsular Ranges of southern California: California Institute of Technology, PhD Dissertation. <http://resolver.caltech.edu/CaltechETD:etd-12122003-091348>

Cathedral City 7.5' Quadrangle

California Geological Survey, 1998, Geology of Joshua Tree National Forest: California Geology, v.51 no.5.

Dair, L., and Cooke, M.L., 2009, San Andreas fault geometry through the San Gorgonio Pass, California: The Geological Society of America, v. 37; no.2, p. 119-122. http://www.geo.umass.edu/faculty/cooke/papers/Dair&Cooke_2009.pdf

Dibblee, T.W., Jr., and Minch, J.A., 2008, Geologic map of the Thousand Palms and Lost Horse Mountain 15 minute quadrangles, Riverside County, California: Dibblee Geological Foundation, Map DF-372, scale 1:62,500.

Erskine, B.G., 1985, Mylonitic deformation and associated low-angle faulting in the Santa Rosa mylonite zone, southern California: University of California, Berkley: PhD Dissertation.

Desert Hot Springs 7.5' Quadrangle

California Geological Survey, 1968, Geology of the Desert Springs-Upper Coachella Valley area, California: California Division of Mines and Geology, Special Report 94.

Dair, L., and Cooke, M.L., 2009, San Andreas fault geometry through the San Gorgonio Pass, California: The Geological Society of America, v. 37; no.2, p. 119-122. http://www.geo.umass.edu/faculty/cooke/papers/Dair&Cooke_2009.pdf

Dibblee, T.W., Jr., and Brown, A.R., 1981, Geologic map of the Palm Springs (15 minute) quadrangle, California: South Coast Geological Society, Inc, Geologic Map 3, scale 1:62,500.

Dibblee, T.W., Jr., and Minch, J.A., 2010, Geologic map of the Desert Hot Springs quadrangle, Riverside County, California: Dibblee Geological Foundation, Map DF-121, scale 1:24,000.

Sydnor, R.H., 1975, Geology of the northeast border of the San Jacinto pluton, Palm Springs, California: University of California Riverside, Master's Thesis.

East Deception Canyon 7.5' Quadrangle

Dair, L., and Cooke, M.L., 2009, San Andreas fault geometry through the San Gorgonio Pass, California: The Geological Society of America, v. 37; no.2, p. 119-122. http://www.geo.umass.edu/faculty/cooke/papers/Dair&Cooke_2009.pdf

Dibblee, T.W., Jr., and Minch, J.A., 2008, Geologic map of the Thousand Palms and Lost Horse Mountain 15 minute quadrangles, Riverside County, California: Dibblee Geological Foundation, Map DF-372, scale 1:62,500.

Hemet 7.5' Quadrangle

Dibblee, T.W., Jr., and Brown, A.R., 1982, Geologic map of the Hemet (15 minute) quadrangle, California: South Coast Geological Society, Inc, Geologic Map 4, scale 1:62,500.

Dibblee, T.W., Jr., and Minch, J.A., 2003, Geologic map of the Hemet quadrangle, Riverside County, California: Dibblee Geological Foundation, Map DF-18, scale 1:24,000.

Dibblee, T.W., Jr., and Minch, J.A., 2008, Geologic map of the Hemet and Idyllwild 15 minute quadrangles, Riverside County, California: Dibblee Geological Foundation, Map DF-371, scale 1:62,500.

Morton, D.M., and Matti, J.C., 2005, Preliminary geologic map of the Hemet 7.5' quadrangle, Riverside County, California: U.S. Geological Survey, Open-File Report 04-1455, scale 1:24,000.

http://pubs.usgs.gov/of/2004/1455/hmt1.1_map.pdf

Sharp, R.V., 1965, Geology of the San Jacinto fault zone in the Peninsular Ranges of southern California: California Institute of Technology, PhD Dissertation. <http://resolver.caltech.edu/CaltechETD:etd-12122003-091348>

Idyllwild 7.5' Quadrangle

Dair, L., and Cooke, M.L., 2009, San Andreas fault geometry through the San Geronio Pass, California: The Geological Society of America, v. 37; no.2, p. 119-122. http://www.geo.umass.edu/faculty/cooke/papers/Dair&Cooke_2009.pdf

Dibblee, T.W., Jr., and Brown, A.R., 1981, Geologic map of the Idyllwild (15 minute) quadrangle, California: South Coast Geological Society, Inc, Geologic Map 5, scale 1:62,500.

Dibblee, T.W., Jr., and Minch, J.A., 2008, Geologic map of the Hemet and Idyllwild 15 minute quadrangles, Riverside County, California: Dibblee Geological Foundation, Map DF-371, scale 1:62,500.

Hill, R.I., 1984, Petrology and petrogenesis of batholithic rocks, San Jacinto Mountains, southern California: California Institute of Technology, PhD Dissertation.

Morton, D.M., Matti, J.C., and Cox, B.F., 1980, Geologic map of the San Jacinto Wilderness, Riverside County, California: U.S. Geological Survey, Miscellaneous Field Studies, Map 1159-A, scale 1:62,500.

Sharp, R.V., 1965, Geology of the San Jacinto fault zone in the Peninsular Ranges of southern California: California Institute of Technology, PhD Dissertation. <http://resolver.caltech.edu/CaltechETD:etd-12122003-091348>

Indio 7.5' Quadrangle

Bonkowski, M.S., 1981, Tectonic geomorphology and neotectonics of the San Andreas fault zone, Indio Hills, Coachella Valley, California: University of California Santa Barbara, Master's Thesis.

California Geological Survey, 1998, Geology of Joshua Tree National Forest: California Geology, v.51 no.5.

Dibblee, T.W., Jr., and Minch, J.A., 2008, Geologic map of the Palm Desert and Coachella 15 minute quadrangles, Riverside County, California: Dibblee Geological Foundation, Map DF-373, scale 1:62,500.

Keller, E.A., Bonkowski, M.S., Korsch, R.J., Shlemon, R.J., 1982, Tectonic geomorphology of the San Andreas fault zone in the southern Indio Hills, Coachella Valley, California: Geological Society of America Bulletin, v.93; p.46-56.

Stotts, J.L., 1965, Stratigraphy and structure of the northwest Indio Hills, Riverside County, California: University of California Riverside, Master's Thesis.

Keys View 7.5' Quadrangle

Dibblee, T.W., Jr., and Minch, J.A., 2008, Geologic map of the Thousand Palms and Lost Horse Mountain 15 minute quadrangles, Riverside County, California: Dibblee Geological Foundation, Map DF-372, scale 1:62,500.

La Quinta 7.5' Quadrangle

California Geological Survey, 1998, Geology of Joshua Tree National Forest: California Geology, v.51 no.5.

Dibblee, T.W., Jr., and Minch, J.A., 2008, Geologic map of the Palm Desert and Coachella 15 minute quadrangles, Riverside County, California: Dibblee Geological Foundation, Map DF-373, scale 1:62,500.

Lake Fulmor 7.5' Quadrangle

Dair, L., and Cooke, M.L., 2009, San Andreas fault geometry through the San Geronio Pass, California: The Geological Society of America, v. 37; no.2, p. 119-122. http://www.geo.umass.edu/faculty/cooke/papers/Dair&Cooke_2009.pdf

Dibblee, T.W., Jr., and Brown, A.R., 1981, Geologic map of the Banning (15 minute) quadrangle, California: South Coast Geological Society, Inc, Geologic Map 2, scale 1:62,500.

Dibblee, T.W., Jr., and Minch, J.A., 2004, Geologic map of the Lake Fulmor quadrangle, Riverside County, California: Dibblee Geological Foundation, Map DF-122, scale 1:24,000.

Hill, R.I., 1984, Petrology and petrogenesis of batholithic rocks, San Jacinto Mountains, southern California: California Institute of Technology, PhD Dissertation.

Lost Horse Mountain 7.5' Quadrangle

Dibblee, T.W., Jr., and Minch, J.A., 2008, Geologic map of the Thousand Palms and Lost Horse Mountain 15 minute quadrangles, Riverside County, California: Dibblee Geological Foundation, Map DF-372, scale 1:62,500.

Malapai Hill 7.5' Quadrangle

Dibblee, T.W., Jr., and Minch, J.A., 2008, Geologic map of the Thousand Palms and Lost Horse Mountain 15 minute quadrangles, Riverside County, California: Dibblee Geological Foundation, Map DF-372, scale 1:62,500.

Martinez Mountain 7.5' Quadrangle

Calzia, J.P., Madden-McGuire, D.J., Oliver, H.W., 1988, Mineral Resources of the Santa Rosa Mountains Wilderness Study Area, Riverside County, California: U.S. Geological Survey, Bulletin 1710D.
<http://pubs.usgs.gov/bul/1710d/report.pdf>

Dibblee, T.W., Jr., and Minch, J.A., 2008, Geologic map of the Palm Desert and Coachella 15 minute quadrangles, Riverside County, California: Dibblee Geological Foundation, Map DF-373, scale 1:62,500.

Erskine, B.G., 1985, Mylonitic deformation and associated low-angle faulting in the Santa Rosa mylonite zone, southern California: University of California, Berkley: PhD Dissertation.

Matti, J.C., Cox, B.F., Powell, R.E., Oliver, H.W., and Kuizon, L., 1983, Mineral resource potential map of the Cactus Springs Roadless Area, Riverside County, California: U.S. Geological Survey, Miscellaneous Field Studies, Map 1650-A, scale 1:24,000. <http://pubs.usgs.gov/mf/1983/1650a/report.pdf>

Mecca 7.5' Quadrangle

Dibblee, T.W., Jr., and Minch, J.A., 2008, Geologic map of the Palm Desert and Coachella 15 minute quadrangles, Riverside County, California: Dibblee Geological Foundation, Map DF-373, scale 1:62,500.

Myoma 7.5' Quadrangle

California Geological Survey, 1998, Geology of Joshua Tree National Forest: California Geology, v.51 no.5.

Dair, L., and Cooke, M.L., 2009, San Andreas fault geometry through the San Gorgonio Pass, California: The Geological Society of America, v. 37; no.2, p. 119-122. http://www.geo.umass.edu/faculty/cooke/papers/Dair&Cooke_2009.pdf

Dibblee, T.W., Jr., and Minch, J.A., 2008, Geologic map of the Thousand Palms and Lost Horse Mountain 15 minute quadrangles, Riverside County, California: Dibblee Geological Foundation, Map DF-372, scale 1:62,500.

Keller, E.A., Bonkowski, M.S., Korsch, R.J., Shlemon, R.J., 1982, Tectonic geomorphology of the San Andreas fault zone in the southern Indio Hills, Coachella Valley, California: Geological Society of America Bulletin, v.93; p.46-56.

Palm Springs 7.5' Quadrangle

Dair, L., and Cooke, M.L., 2009, San Andreas fault geometry through the San Gorgonio Pass, California: The Geological Society of America, v. 37; no.2, p. 119-122. http://www.geo.umass.edu/faculty/cooke/papers/Dair&Cooke_2009.pdf

Dibblee, T.W., Jr., and Brown, A.R., 1981, Geologic map of the Palm Springs (15 minute) quadrangle, California: South Coast Geological Society, Inc, Geologic Map 3, scale 1:62,500.

Dibblee, T.W., Jr., and Minch, J.A., 2003, Geologic map of the Palm Springs quadrangle, Riverside County, California: Dibblee Geological Foundation, Map DF-123, scale 1:24,000.

Erskine, B.G., 1985, Mylonitic deformation and associated low-angle faulting in the Santa Rosa mylonite zone, southern California: University of California, Berkley: PhD Dissertation.

Hill, R.I., 1984, Petrology and petrogenesis of batholithic rocks, San Jacinto Mountains, southern California: California Institute of Technology, PhD Dissertation.

Morton, D.M., Matti, J.C., and Cox, B.F., 1980, Geologic map of the San Jacinto Wilderness, Riverside County, California: U.S. Geological Survey, Miscellaneous Field Studies, Map 1159-A, scale 1:62,500.

Sydnor, R.H., 1975, Geology of the northeast border of the San Jacinto pluton, Palm Springs, California: University of California Riverside, Master's Thesis.

Palm View Peak 7.5' Quadrangle

Calzia, J.P., 1988, Mineral resource potential map of the Pyramid Peak Roadless Area, Riverside County, California: U.S. Geological Survey, Miscellaneous Field Studies, Map 1999, scale 1:62,500. <http://pubs.er.usgs.gov/publication/mf1999>

Dibblee, T.W., Jr., and Brown, A.R., 1981, Geologic map of the Idyllwild (15 minute) quadrangle, California: South Coast Geological Society, Inc, Geologic Map 5, scale 1:62,500.

Dibblee, T.W., Jr. and Minch, J.A., 2008, Geologic map of the Hemet and Idyllwild 15 minute quadrangles, Riverside County, California: Dibblee Geological Foundation, Map DF-371, scale 1:62,500.

Hill, R.I., 1984, Petrology and petrogenesis of batholithic rocks, San Jacinto Mountains, southern California: California Institute of Technology, PhD Dissertation.

Morton, D.M., Matti, J.C., and Cox, B.F., 1980, Geologic map of the San Jacinto Wilderness, Riverside County, California: U.S. Geological Survey, Miscellaneous Field Studies, Map 1159-A, scale 1:62,500.

Sharp, R.V., 1965, Geology of the San Jacinto fault zone in the Peninsular Ranges of southern California: California Institute of Technology, PhD Dissertation. <http://resolver.caltech.edu/CaltechETD:etd-12122003-091348>

Rancho Mirage 7.5' Quadrangle

California Geological Survey, 1998, Geology of Joshua Tree National Forest: California Geology, v.51 no.5.

Dibblee, T.W., Jr., and Minch, J.A., 2008, Geologic map of the Palm Desert and Coachella 15 minute quadrangles, Riverside County, California: Dibblee Geological Foundation, Map DF-373, scale 1:62,500.

Erskine, B.G., 1985, Mylonitic deformation and associated low-angle faulting in the Santa Rosa mylonite zone, southern California: University of California, Berkley: PhD Dissertation.

Sage 7.5' Quadrangle

Dibblee, T.W., Jr., and Brown, A.R., 1982, Geologic map of the Hemet (15 minute) quadrangle, California: South Coast Geological Society, Inc, Geologic Map 4, scale 1:62,500.

Dibblee, T.W., Jr., and Minch, J.A., 2008, Geologic map of the Hemet and Idyllwild 15 minute quadrangles, Riverside County, California: Dibblee Geological Foundation, Map DF-371, scale 1:62,500.

Morton, D.M., and Kennedy, M.P., 2005, Preliminary geologic map of the Sage 7.5' quadrangle, Riverside County, California: U.S. Geological Survey, Open-File Report 2005-1285, scale 1:24,000.

http://pubs.usgs.gov/of/2005/1285/sage1_map.pdf

Sharp, R.V., 1965, Geology of the San Jacinto fault zone in the Peninsular Ranges of southern California: California Institute of Technology, PhD Dissertation. <http://resolver.caltech.edu/CaltechETD:etd-12122003-091348>

San Jacinto 7.5' Quadrangle

Dibblee, T.W., Jr., and Brown, A.R., 1981, Geologic map of the Banning (15 minute) quadrangle, California: South Coast Geological Society, Inc, Geologic Map 2, scale 1:62,500.

Dibblee, T.W., Jr., and Minch, J.A., 2003c, Geologic map of the San Jacinto quadrangle, Riverside County, California: Dibblee Geological Foundation, Map DF-116, scale 1:24,000.

Hill, R.I., 1984, Petrology and petrogenesis of batholithic rocks, San Jacinto Mountains, southern California: California Institute of Technology, PhD Dissertation.

San Jacinto Peak 7.5' Quadrangle

Dair, L., and Cooke, M.L., 2009, San Andreas fault geometry through the San Geronio Pass, California: The Geological Society of America, v. 37; no.2, p. 119-122. http://www.geo.umass.edu/faculty/cooke/papers/Dair&Cooke_2009.pdf

Dibblee, T.W., Jr., and Brown, A.R., 1981, Geologic map of the Palm Springs (15 minute) quadrangle, California: South Coast Geological Society, Inc, Geologic Map 3, scale 1:62,500.

Dibblee, T.W., Jr., and Minch, J.A., 2007, Geologic map of the San Jacinto Peak quadrangle, Riverside County, California: Dibblee Geological Foundation, Map DF-370, scale 1:24,000.

Hill, R.I., 1984, Petrology and petrogenesis of batholithic rocks, San Jacinto Mountains, southern California: California Institute of Technology, PhD Dissertation.

Morton, D.M., Matti, J.C., and Cox, B.F., 1980, Geologic map of the San Jacinto Wilderness, Riverside County, California: U.S. Geological Survey, Miscellaneous Field Studies, Map 1159-A, scale 1:62,500.

Sydnor, R.H., 1975, Geology of the northeast border of the San Jacinto pluton, Palm Springs, California: University of California Riverside, Master's Thesis.

Seven Palms Valley 7.5' Quadrangle

Dair, L., and Cooke, M.L., 2009, San Andreas Fault geometry through the San Geronio Pass, California: The Geological Society of America, v. 37; no.2, p. 119-122. http://www.geo.umass.edu/faculty/cooke/papers/Dair&Cooke_2009.pdf

Dibblee, T.W.. Jr., and Minch, J.A., 2008, Geologic map of the Thousand Palms and Lost Horse Mountain 15 minute quadrangles, Riverside County, California: Dibblee Geological Foundation, Map DF-372, scale 1:62,500.

Thermal Canyon 7.5' Quadrangle

Dibblee, T.W., Jr., and Minch, J.A., 2008, Geologic map of the Palm Desert and Coachella 15 minute quadrangles, Riverside County, California: Dibblee Geological Foundation, Map DF-373, scale 1:62,500.

Toro Peak 7.5' Quadrangle

Calzia, J.P., Madden-McGuire, D.J., Oliver, H.W., 1988, Mineral Resources of the Santa Rosa Mountains Wilderness Study Area, Riverside County, California: U.S. Geological Survey, Bulletin 1710D. <http://pubs.usgs.gov/bul/1710d/report.pdf>

Dibblee, T.W., Jr., and Minch, J.A., 2008, Geologic map of the Palm Desert and Coachella 15 minute quadrangles, Riverside County, California: Dibblee Geological Foundation, Map DF-373, scale 1:62,500.

Erskine, B.G., 1985, Mylonitic deformation and associated low-angle faulting in the Santa Rosa mylonite zone, southern California: University of California, Berkley: PhD Dissertation.

Matti, J.C., Cox, B.F., Powell, R.E., Oliver, H.W., and Kuizon, L., 1983, Mineral resource potential map of the Cactus Springs Roadless Area, Riverside County, California: U.S. Geological Survey, Miscellaneous Field Studies, Map 1650-A, scale 1:24,000. <http://pubs.usgs.gov/mf/1983/1650a/report.pdf>

Sharp, R.V., 1965, Geology of the San Jacinto fault zone in the Peninsular Ranges of southern California: California Institute of Technology, PhD Dissertation. <http://resolver.caltech.edu/CaltechETD:etd-12122003-091348>

Valerie 7.5' Quadrangle

Dibblee, T.W., Jr., and Minch, J.A., 2008, Geologic map of the Palm Desert and Coachella 15 minute quadrangles, Riverside County, California: Dibblee Geological Foundation, Map DF-373, scale 1:62,500.

West Berdoo Canyon 7.5' Quadrangle

California Geological Survey, 1998, Geology of Joshua Tree National Forest: California Geology, v.51 no.5.

Dibblee, T.W., Jr., and Minch, J.A., 2008, Geologic map of the Thousand Palms and Lost Horse Mountain 15 minute quadrangles, Riverside County, California: Dibblee Geological Foundation, Map DF-372, scale 1:62,500.

Keller, E.A., Bonkowski, M.S., Korsch, R.J., Shlemon, R.J., 1982, Tectonic geomorphology of the San Andreas fault zone in the southern Indio Hills, Coachella Valley, California: Geological Society of America Bulletin, v.93; p.46-56.

Whitewater 7.5' Quadrangle

Dair, L., and Cooke, M.L., 2009, San Andreas fault geometry through the San Geronio Pass, California: The Geological Society of America, v. 37; no.2, p. 119-122. http://www.geo.umass.edu/faculty/cooke/papers/Dair&Cooke_2009.pdf

Dibblee, T.W., Jr., and Brown, A.R., 1981, Geologic map of the Palm Springs (15 minute) quadrangle, California: South Coast Geological Society, Inc, Geologic Map 3, scale 1:62,500.

Dibblee, T.W., Jr., and Minch, J.A., 2004, Geologic map of the Whitewater quadrangle, Riverside County, California: Dibblee Geological Foundation, Map DF-120, scale 1:24,000.

Hill, R.I., 1984, Petrology and petrogenesis of batholithic rocks, San Jacinto Mountains, southern California: California Institute of Technology, PhD Dissertation.

Matti, J.C., Cox, B.F., Obi, C.M., Powell, R.E., Hinkle, M.E., and Griscom, A., 1982, Mineral resource potential map of the Whitewater Wilderness Area, Riverside County, California: U.S. Geological Survey, Miscellaneous Field Studies, Map 1478-A, scale 1:24,000.

Matti, J.C., Cox, B.F., Iverson, S.R., 1983, Mineral resource potential map of the Raywood Flat Roadless Areas, Riverside and San Bernardino counties, California: U.S. Geological Survey, Miscellaneous Field Studies, Map 1563A.

Sydnor, R.H., 1975, Geology of the northeast border of the San Jacinto pluton, Palm Springs, California: University of California Riverside, Master's Thesis.