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Quaternary Fault and Fold Database of the United States

As of January 12, 2017, the USGS maintains a limited number of metadata fields that characterize the Quaternary faults and folds of the United States. For the most up-to-date information, please refer to the interactive fault map.

Pine Rock fault zone (Class A) No. 287

Last Review Date: 2017-05-15

citation for this record: **Bryant, W.A., compiler, 2017, Fault number 287, Pine Rock fault zone, in Quaternary fault and fold database of the United States: U.S. Geological Survey website, https://earthquakes.usgs.gov/hazards/qfaults, accessed 12/14/2020 02:52 PM.**

Synopsis	
Name comments	
County(s) and State(s)	SAN BENITO COUNTY, CALIFORNIA
Physiographic province(s)	PACIFIC BORDER
Reliability of location	Good Compiled at 1:24,000 and 1:62,500 scale. *Comments:* Location of fault from Qt_flt_ver_3-0_Final_WGS84_polyline.shp (Bryant, W.A., written communication to K.Haller, August 15, 2017) attributed to 1:24,000-scale maps by Dibblee (1979, 1979, 1979) and

	1:62,500-scale map by Dibblee (1971).
Geologic setting	
Length (km)	47 km.
Average strike	
Sense of movement	Right lateral
Dip	
Paleoseismology studies	
Geomorphic expression	
Age of faulted surficial deposits	
Historic earthquake	
Most recent prehistoric deformation	late Quaternary (<130 ka) *Comments:*
Recurrence interval	
Slip-rate category	Unspecified
Date and Compiler(s)	2017 William A. Bryant, California Geological Survey
References	#6185 Dibblee, T.W., Jr., 1971, Geologic maps of seventeen 15-minute quadrangles along the San Andreas fault in the vicinity of King City, Coalinga, Panoche Valley, and Paso Robles, California with index map (Adelaida, Bradley, Bryson, Coalinga, Greenfield, Hernandez Valley, Joaquin Rocks, King City, New Idria, Panoche Valley, Parkfield, Paso Robles, Polvadero Gap, Priest Valley, "Reef Ridge," San Ardo, and San Miguel quadrangles): U.S. Geological Survey Open-File Map 74-1021, scale 1:62,500. #4835 Dibblee, T.W., Jr., 1979, Preliminary geologic map of the Cherry Peak quadrangle, San Benito County, California: U.S.

	Geological Survey Open-File Report 79-703, 1 sheet, scale 1:24,000. #4836 Dibblee, T.W., Jr., 1979, Preliminary geologic map of the Bickmore Canyon quadrangle, San Benito and Monterey Counties, California: U.S. Geological Survey Open-File Report 79-701, 1 sheet, scale 1:24,000. #4837 Dibblee, T.W., Jr., 1979, Preliminary geologic map of the San Benito quadrangle, San Benito County, California: U.S. Geological Survey Open-File Report 79-376, 1 sheet, scale 1:24,000. #2878 Jennings, C.W., 1994, Fault activity map of California and adjacent areas, with locations of recent volcanic eruptions: California Division of Mines and Geology Geologic Data Map 6, 92 p., 2 pls., scale 1:750,000.