

Figure 10-1c

# Southern Humboldt County Bedrock and Faults



Planning Watershed	Cenozoic Sedimentary Rocks
County Boundary	Quaternary Alluvium non-marine, marine
Incorporated City	Extensive sand dune deposits
Community Planning Area	Plio-Pleistocene nonmarine, Pliocene nonmarine
HWY 101	Pliocene marine
US or State HWY	Paleocene marine
HWY or Secondary Road	Cenozoic Volcanic Rocks
Major River or Stream	Tertiary intrusive rocks
Alquist Priolo Zone	Mesozoic-Paleozoic-Precambrian Sedimentary and Meta-Sedimentary Rocks
Alquist Priolo Zone Fault	Tertiary-Cretaceous Coastal Belt rocks
fault, certain	Franciscan Complex
fault, approx. located	Franciscan schist
fault, concealed	Jurassic marine
	Paleozoic marine, undivided
	Cenozoic-Precambrian Plutonic, Metavolcanic, and Mixed Rocks
	Mesozoic granitic rocks
	Mesozoic & Franciscan volcanic and metavolcanic rocks
	Ultramafic rocks, chiefly Mesozoic
	Undivided pre-Cenozoic meta-sedimentary and metavolcanic rocks

**Data Sources:**  
Bedrock and Faults datasets shown were derived from GIS Data for the Geologic Map of California distributed by the California Department of Conservation - Division of Mines and Geology, 2000. This digital database contains the geologic units and faults as shown on the Geologic Map of California by Charles W. Jennings published in 1977. Fault categories were simplified by locational certainty. Bedrock type colors may not exactly match those displayed on map. Alquist Priolo zones and faults digitized by HCCDS using State of California maps. Hydrography based on CDF's Fire Resource Assessment Project (FRAP) streams dataset downloaded from <http://frap.cdf.ca.gov/data/frapgisdata/select.asp>. Watershed Boundaries are based on CDF's Calwater v. 2.2 dataset also obtained from FRAP. Terrain shading is based on 10 Meter Digital Elevation Models from FRAP.

This map is intended for display purposes only and should not be used for precise measurement or navigation. Data has not been completely checked for accuracy.

Map produced by Humboldt County Community Development Services (HCCDS), July 2002.

