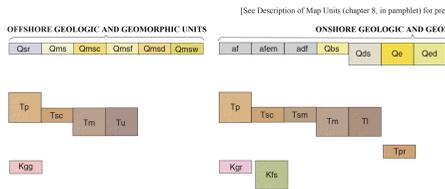


CORRELATION OF MAP UNITS



LIST OF MAP UNITS

- List of map units including: Marine shelf deposits, rough seafloor; Marine nearshore and shelf deposits; Coarse-grained marine nearshore and shelf deposits; Fine-grained marine shelf deposits; Marine shelf scour depressions; Marine sediment wave deposits; Purisima Formation; Santa Cruz Mudstone; Monterey Formation; Sedimentary rocks, unmodified; Point Reyes Granodiorite; Artificial fill; Artificial fill over estuarine mud; Artificial fill; Beach and dune deposits; Dune sand; Estuarine deposits; Estuarine-delta deposits; Alluvial fan deposits; Landslide deposits; Marine terrace deposits; Otoca Creek Formation; Purisima Formation; Santa Cruz Mudstone; Monterey Formation; Latis Sandstone; Point Reyes conglomerate; Granodiorite and gneiss of Inverness Ridge; Sandstone and shale of San Bruno Mountain terrane.

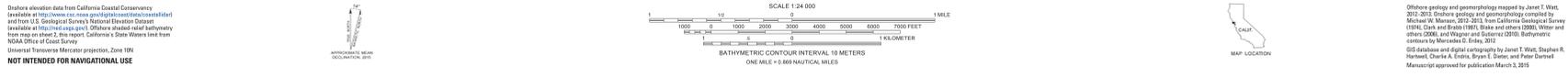
EXPLANATION OF MAP SYMBOLS

- Map symbols including: Contact; Fault; Significant inflection; Approximate modern shoreline; 3-nautical-mile limit of California's State Waters; Area of "no data".

DISCUSSION

Marine geology and geomorphology were mapped in the Drakes Bay and Vicinity map area from approximately Mean High Water (MHW) to the 3-nautical-mile limit of California's State Waters. MHW is defined as an elevation of 1.46 m above the North American Vertical Datum of 1988 (NAVD 88) (Weber and others, 2006). Offshore geologic units were delineated on the basis of integrated analyses of adjacent onshore geology with multibeam bathymetry and backscatter imagery (sheets 1, 2, 3), seafloor-sediment and rock samples (Reid and others, 2006), digital camera and video imagery (sheet 6), and high-resolution seismic-reflection profiles (sheet 8). Aerial photographs taken in multiple years were used to map the nearshore area to 10-m water depths and to link the offshore and onshore geology.

References section listing various scientific papers and reports related to the geology of the area, including works by Greene, Clark, and others (1979), and various USGS reports.



Offshore and Onshore Geology and Geomorphology, Drakes Bay and Vicinity Map Area, California

By Janet T. Watt, Michael W. Manson, and H. Gary Greene

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Map production and distribution information, including contact details for the USGS and NOAA.