**Barking Sands, Kauai, Hawaii**

**HISTORICAL SHORELINES**
- May 1957
- May 1962
- May 1966
- April 1975
- April 1987
- May 1988
- Oct 1991
- Nov 2000
- Nov 2006

**SHORELINE CHANGE RATES**
- Historical shoreline positions are measured every 66 ft along the shoreline. These sites are denoted by yellow shore-perpendicular transects. Changes in the position of the shoreline through time are used to calculate shoreline change rates (ft/yr) at each transect location.

**AREAS DESCRIPTION**
- The Barking Sands study area is located on the west coast of Kauai on the Makah Pihi. The area is bounded by Nohili Point to the north and the Pacific Missile Range air strip in the south. The shoreline is characterized by extensive beach rock backed by vegetated sand dunes and broken by carbonate sand beach. The study area is exposed to swell from the northwest and west during winter and spring months, swell from the west and southwest in the summer, as well as persistent tradewinds.

**Contract C25514**

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The preparation of this poster was financed in part by the Coastal Zone Management Act of 1972, as amended, administered by the Office of Ocean and Coastal Resource Management, National Ocean Service, National Oceanic and Atmospheric Administration, United States Department of Commerce, through the Office of Planning, State of Hawaii.