

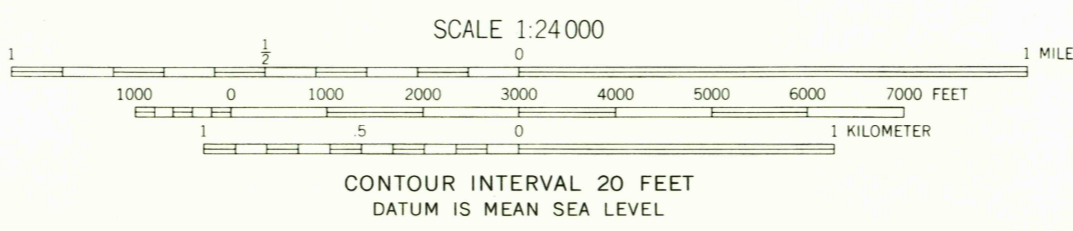
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

KALAPANA QUADRANGLE
HAWAII—HAWAII CO.
ISLAND OF HAWAII—PUNA DISTRICT
7.5 MINUTE SERIES (TOPOGRAPHIC)



Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography by photogrammetric methods from aerial
photographs taken 1954 and 1961. Field checked 1966
Polyconic projection. Old Hawaiian datum
10,000-foot grid based on Hawaii coordinate system, zone 1
1000-meter Universal Transverse Mercator grid ticks,
zone 5, shown in blue
This map lies within an unstable volcanic area

11°
TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN
DECLINATION, 1966



SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 1 FOOT

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



U.S.G.S.
FILE COPY
TOPOGRAPHIC DIVISION

ROAD CLASSIFICATION
Medium-duty ——— Light-duty ———
Unimproved dirt ———
○ State Route

This area also covered by 15-minute, 1:62,500
maps: Kalapana 1922, and Puna 1922
KALAPANA, HAWAII
N1916.5—W15457.5/6X10
USGS
Historical File
Topographic Division
1966

3335
APR 12 1968