UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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MAHUKONA QUADRANGLE
HAWAII—HAWAII CO.
ISLAND OF HAWAII—NORTH KOHALA DISTRICT
7.5 MINUTE SERIES (TOPOGRAPHIC)

156°00′ — 20°18′30″ — 188 000m.E. — 2248 000m.N. — 57′30″ — 55′ — 370 000 FEET — 155°52′30″ — 20°18′30″ — 530 000 FEET

16′ — 13′30″ — 500 000 FEET — 20°11′ — 156°00′ — 330 000 FEET — 57′30″ — 55′ — 155°52′30″ — 20°11′ — 2235 000m.N. — 199 000m.E.

P A C I F I C O C E A N

(KEAWANUI BAY)

A L E N U I H A H A
C H A N N E L

Limukoko Pt
Umiwai Bay
MOOKINI HEIAU
Kamehameha I Birthplace
Loran Tower
COAST GUARD RESERVATION
Honoipu Landing (Site)
Puakea Pt
Holana Bay
Hianaula Pt
Water Hole
Haena Pt
Haena (Site)
KAPAA PARK
Water Tank
Kauiili Pt
VABM 259
Makaohule Pt
Red Tank
Mahukona
BM 11
Cem
Mahukona Harbor
Mahukona Park
Kaoma Pt
COAST GUARD RESERVATION
Water Tank
Water Tank

P U E P A 1
P U E P A 2
K O K O I K I
U P O L U
H O N O I P U
P U A K E A
K U K U I P A H U
A W A L U A
H A E N A
K A P U N A P U N A
K A P A A 1 - 2
K A P A A N U I
K O U
K A M A N O
M A H U K O N A
H I H I U
K A O M A
P U U K O L E
LAPAKAHI

LINE — FENCE — TRAIL — JEEP — PIPELINE — PACK TRAIL — WT — (HAWI) — (HAWI 2.9 MI.)

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography from aerial photographs by multiplex methods
Aerial photographs taken 1954. Advance field check 1957
Hydrography compiled from USC&GS charts 4140 (1953)
and 4101 (1950)

Polyconic projection. Old Hawaiian datum
10,000-foot grid based on Hawaiian coordinate system, zone 1
1000-meter Universal Transverse Mercator grid ticks,
zone 5, shown in blue

APPROXIMATE MEAN DECLINATION, 1957
11½° TRUE NORTH — MAGNETIC NORTH

SCALE 1:24 000
1 0 ½ 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETER

CONTOUR INTERVAL 40 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES IN FEET—DATUM IS MEAN LOWER LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 2 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER 25, COLORADO OR WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

HAWAIIAN ISLANDS — HAWAII
QUADRANGLE LOCATION

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

MAHUKONA, HAWAII
N2011—W15552.5/7.5
1957

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1959—NS
MR 7292

EXHIBIT 7