U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

OPEN-FILE REPORT 2007-1089
SHEET 6 of 8
Pamphlet accompanies map

Geologic linework in Universal Transverse Mercator projection, North American datum 1983, zone 4

Topographic base and bounding latitude-longitude ticks from U.S. Geological Survey, Kahoolawe (1984), 1:25,000. Projection based on Hawaii coordinate system, zone 2 [sic?], Clarke 1866 spheroid, Old Hawaiian datum

UTM grid on map from International spheroid

Base, intended for visual reference only, is fitted to GIS-based coastline by inspection

SCALE 1:100 000

0 4 8 KILOMETERS

CONTOUR INTERVAL 10 METERS

Geology chiefly from Stearns (1940c) and H.T. Stearns, unpublished map

Compiled digitally and fitted to modern topographic base by D.R. Sherrod, 2004

Geologic Map of the State of Hawai'i, Sheet 6—Island of Kaho'olawe

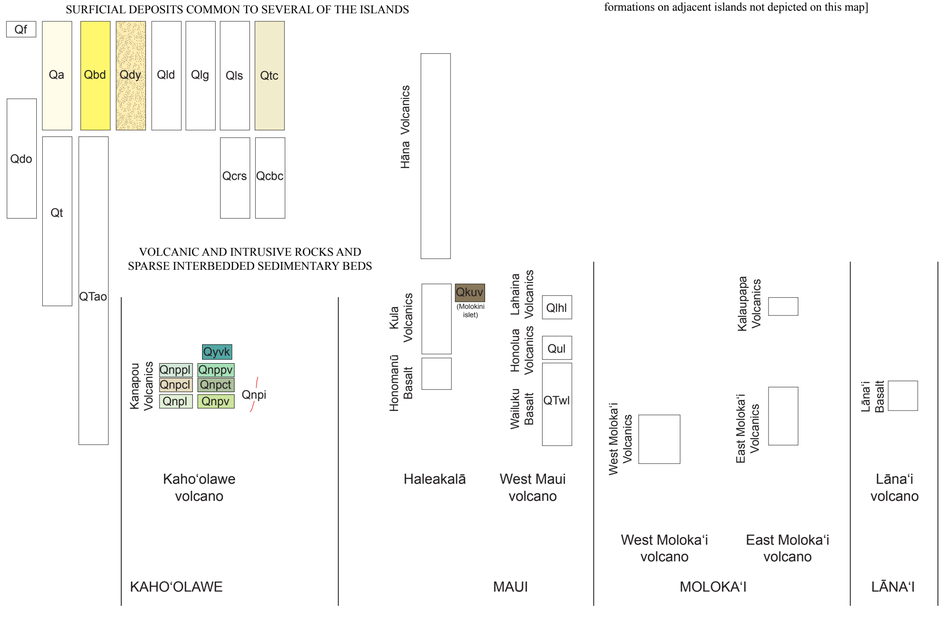
By

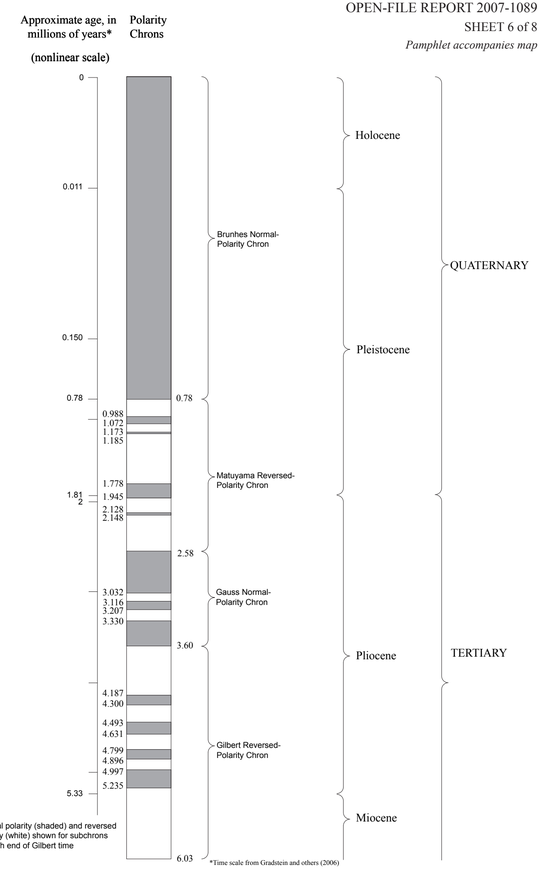
David R. Sherrod, John M. Sinton, Sarah E. Watkins, and Kelly M. Brunt

2007

CORRELATION OF MAP UNITS

[Boxes without color show ages of correlative stratigraphic formations on adjacent islands not depicted on this map]





LIST OF MAP UNITS ON SHEET 6 (THIS MAP)

See explanatory pamphlet for complete descriptions

SURFICIAL DEPOSITS COMMON TO SEVERAL OF THE ISLANDS

Qa	**Alluvium (Holocene)**
Qbd	**Beach deposits (Holocene)**
Qdy	**Younger dune deposits (Holocene)**
Qtc	**Talus and colluvium (Holocene)**

Disconformable

VOLCANIC ROCKS ON THE ISLAND OF MAUI

Qkuv	**Kula Volcanics (Pleistocene)**—Vent deposits forming Molokini islet

Disconformable

VOLCANIC AND INTRUSIVE ROCKS ON THE ISLAND OF KAHO'OLAWE

Qyvk	**Young volcanic rocks of Kaho'olawe (Pleistocene)**

Discordant

Kanapou Volcanics (Pleistocene)—Divided into:

Qnppl	**Postcaldera lava flows**
Qnppv	**Postcaldera vent deposits**
Qnpcl	**Caldera-filling lava flows**
Qnpct	**Tuff bed in caldera fill**
Qnpl	**Precaldera lava flows**
Qnpv	**Precaldera vent deposits**
Qnpi	**Intrusive rocks**

Contact—Approximately located

Fault—Approximately located; dotted where concealed.

Available on World Wide Web at http://pubs.usgs.gov/of/2007/1089/