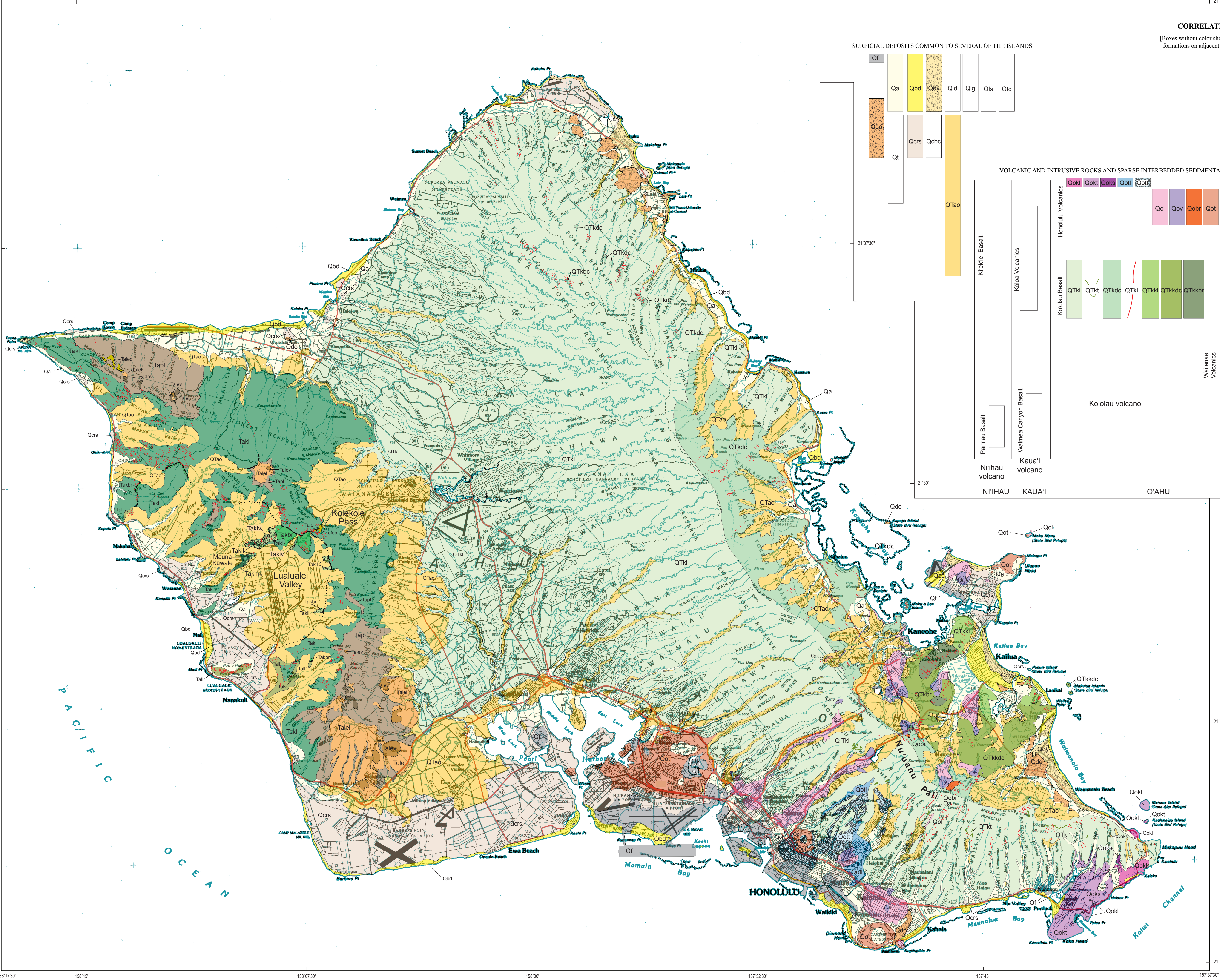
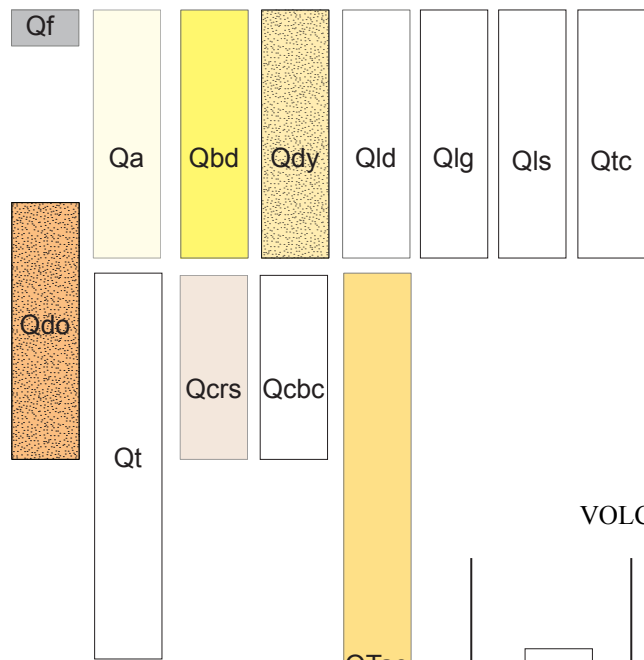




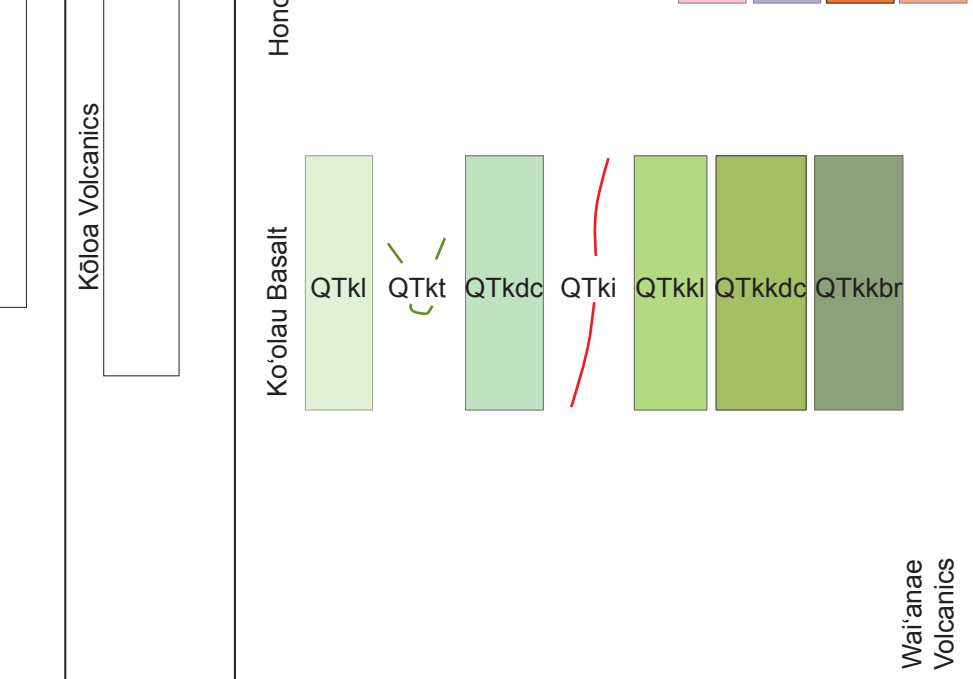
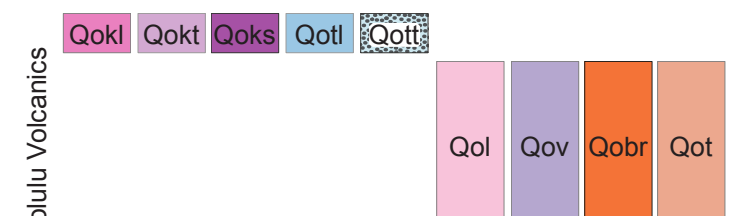
CORRELATION OF MAP UNITS

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

SURFICIAL DEPOSITS COMMON TO SEVERAL OF THE ISLANDS

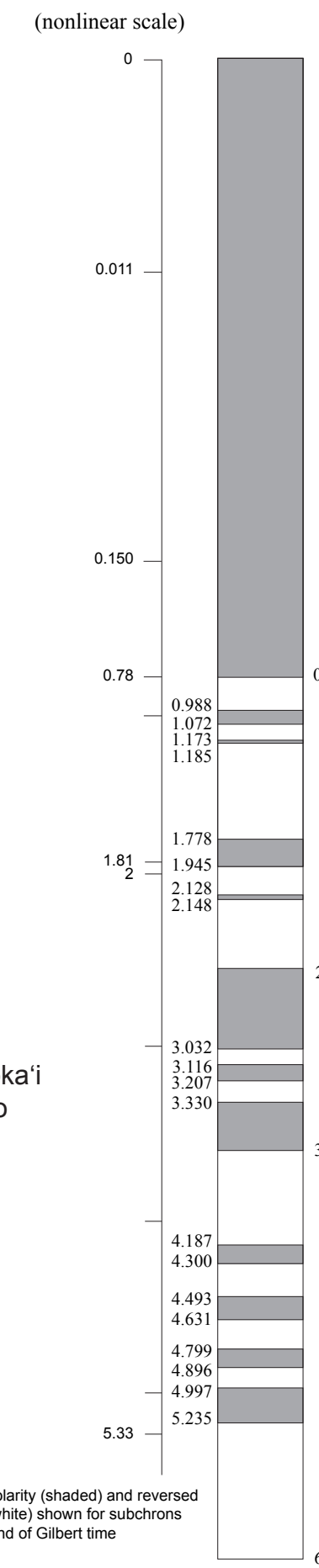


VOLCANIC AND INTRUSIVE ROCKS AND SPARSE INTERBEDDED SEDIMENTARY BEDS



Approximate age, in millions of years*

(nonlinear scale)



Polarity Chrons

(nonlinear scale)



*Time scale from Gradstein and others (2004)

LIST OF MAP UNITS ON SHEET 3 (THIS MAP)

See explanatory pamphlet for complete descriptions

SURFICIAL DEPOSITS COMMON TO SEVERAL OF THE ISLANDS

- Qf Fill (Holocene)
- Qa Alluvium (Holocene)
- Qbd Beach deposits (Holocene)
- Qdy Younger dune deposits (Holocene)
- Qdo Older dune deposits (Holocene and Pleistocene)
- Qcs Calcareous reef rock and marine sediment (Pleistocene)
- Qtao Older alluvium (Pleistocene and Pliocene)

VOLCANIC AND INTRUSIVE ROCKS ON THE ISLAND OF O'AHU

Honolulu Volcanics (Pleistocene)—Divided into:

- Deposits from Koko fissure system—Consists of:
 - Qokl Lava flows
 - Qokt Tuff
 - Qoks Spatter
- Deposits from Tantalus Peak and Sugar Loaf vents—Consists of:
 - Qoql Lava flows
 - Qoqt Tuff
 - Qobr Breccia
 - Qot Tuff cone deposits

West Moloka'i Volcanics

East Moloka'i Volcanics

Koolau Basalt

Koolau Tuff

Koolau Spatter

Koolau Lava flows

Koolau Cinder vent deposits

Koolau Breccia

Koolau Tuff cone deposits

Koolau Basalt

Koolau Tuff

Koolau Spatter

Koolau Lava flows

Koolau Cinder vent deposits

Koolau Breccia

Koolau Tuff cone deposits

Koolau Basalt

Koolau Tuff

Koolau Spatter

Koolau Lava flows

Koolau Cinder vent deposits

Koolau Breccia

Koolau Tuff cone deposits

Koolau Basalt

Koolau Tuff

Koolau Spatter

Koolau Lava flows

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