Overview of Digital Geologic Data for Kalaupapa NHP

680000 685000 690000 695000 700000 705000 710000 715000 720000 725000 730000 735000

2350000 2345000 2340000 2335000 2330000 2325000 2320000 2315000 2310000

Qdo
QTwmw
Qdo
Qdy
Qdo
Qa
Qa
Qbd
QTao
QTao
QTao
QTemll
QTwml
QTwmw
QTwmw
QTemll
Qlg
Qa
QTwmw
Qa
Moloka'i
Qppl
Qa
QTemll
QTemll
Qa
QTemlcc
Qa
Qa
QTemll
Qa
Qemul
QTemlcc
Qemul
QTemll
QTemll
Qemul
Qa
QTemll
QTemll
QTemll
Qa
QTemll
Qa

NPS Boundary

Linear Dikes

QTemli - East Molokai; East Molokai Volcanics; lower member; dikes

QTwmi - West Molokai; West Molokai Volcanics; dikes

Faults

normal fault, known or certain

normal fault, approximate

normal fault, concealed

Geologic Contacts

approximate

water or shoreline

Geologic Units

water

Qf - fill, manmade fill

Qa - alluvium, sand and gravel

Qbd - beach deposits, sand and gravel

Qdy - younger dune deposits, sand dunes

Qlg - lagoon deposits, silt, sand and marl

Qdo - older dune deposits, sand dunes

Qcbc - calcareous breccia and conglomerate

QTao - older alluvium, sand and gravel

Qppl - Kalaupapa Volcanics

Qppv - Kalaupapa Volcanics, vent deposits

Qemul - East Molokai Volcanics, Upper member, lava flows

Qemuv - East Molokai Volcanics, Upper member, vent deposits

Qemud - East Molokai Volcanics, Upper member, domes

QTemll - East Molokai Volcanics, Lower member, lava flows

QTemlv - East Molokai Volcanics, Lower member, vent deposits

QTemlcc - East Molokai Volcanics, Lower member, caldera complex

QTwmw - West Molokai Volcanics, Waiele and other late lava

QTwml - West Molokai Volcanic, lava flows

0 6 12 18 Kilometers

0 4 8 12 Miles

N

scale greater than source data

UTM Zone 4N NAD 83

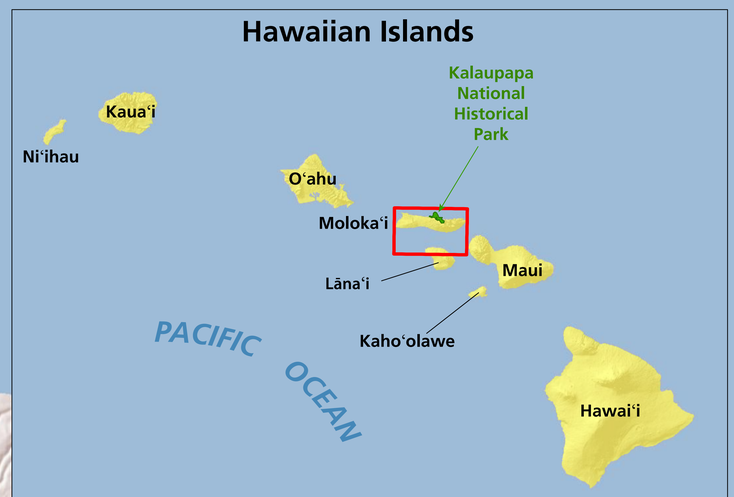
This map graphically presents digital data prepared as part of the NPS Geologic Resources Division's Geologic Resources Inventory. The source map used in creation of the digital geologic data product was:

Sherrod, David R., John M. Sinton, Sarah E. Watkins, and Kelly B. Brunt. 2007. *Geologic Map of the State of Hawai'i, Sheet 4 - Island of Moloka'i.* Scale 1:100,000. U.S. Geological Survey Open-File Report 2007-1089, v1.0. [http://pubs.usgs.gov/of/2007/1089].

Digital geologic data and cross sections for Kalaupapa National Historic Park, and all other digital geologic data prepared as part of the Geologic Resources Inventory, are available online at the NPS Data Store: http://science.nature.nps.gov/nrdata/

Lāna'i

Hawaiian Islands



Area of Detail in Red