



Submarine contours by H. F. Barnett, from
U. S. Coast and Geodetic Survey hydrographic
surveys, 1944-52

INTERIOR GEOLOGICAL SURVEY, WASHINGTON, D. C.
MR 3726

Geology compiled by H. F. Barnett
and G. D. Fraser, 1955

GENERALIZED GEOLOGIC MAP OF DELAROF AND WESTERNMOST ANDREANOF ISLANDS, ALEUTIAN ISLANDS, ALASKA
Including structural interpretations, submarine contours, and index to detailed geologic maps

Scale 1:250,000
5 0 25 Miles

EXPLANATION

Qv

Composite volcanic zones
Currently or recently active

Qpv

Precaldera glaciated or dissected remnants
of volcanic cones

QT

Interbedded flows, pyroclastic deposits, and
sedimentary rocks
Includes fine-grained dikes and sills

Ti

Granodiorite and quartz diorite
Includes andesite dikes on Ilak

Ts

Altered pyroclastic deposits and pillow lava,
with minor sedimentary beds, Ts; altered
tuffaceous sedimentary beds with some
coarse pyroclastic deposits, Ts
Both areas have fine-grained dikes and sills;
Amatignak has coarse-grained dikes as well

Contact

Dashed where approximately located

Contact

Inferred from topography

Fault, showing dip

Dashed where covered; U, upthrown side; D,
downthrown side

Locus of volcanoes

Fault zone inferred

Trend line

Structurally controlled

Crestline of Aleutian arch

Location approximate

Minor anticline

Minor syncline

Strike and dip of beds

Strike of vertical beds

Horizontal beds

Locality of analyzed specimens (table 2)

QUATERNARY

TERTIARY(?)