

**EXPLANATION**  
A BLANKET OF WELL-BEDDED BASALTIC ASH COVERS MOST OF THE AREA TO DEPTHS OF AS MUCH AS 7 FEET, BUT IS NOT SHOWN ON THE MAP

- Qal  
Alluvium, beach gravel, and water-sorted pumice deposits
- Qkb  
Historic and late prehistoric basalt flows from Kanaga Volcano
- Qkv  
Older volcanic rocks of Kanaga Volcano  
*Includes basalt and andesite flows, scoria, and tuff breccia. Qkv; vent agglomerate and minor intrusive rocks of later stage, Qva*
- Qat  
UNCONFORMITY  
Andesite tuff
- Qtb  
UNCONFORMITY  
Basalt flows and tuff breccia from ancient vent near west coast
- Qta  
UNCONFORMITY  
Olivine basalt flows from ancient vent near Round Head
- Tkb  
UNCONFORMITY  
Olivine and hypersthene basalt and andesite flows of ancient Mt. Kanaton
- Tva  
Basalt dome
- Tb  
Agglomerate in vent older than Mt. Kanaton near north coast
- Tb  
Basalt flows and tuff beds from vent older than Mt. Kanaton near north coast
- 45°  
Strike and dip of beds
- Contact, dashed where inferred
- Fault, dashed where inferred

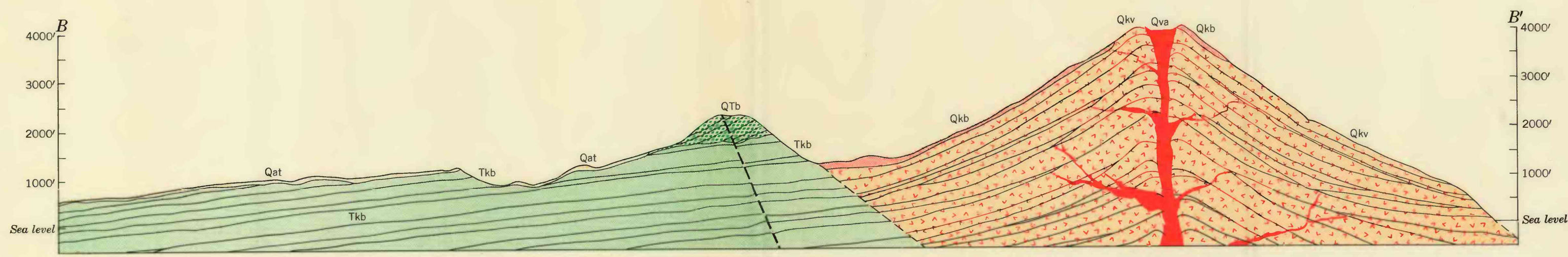
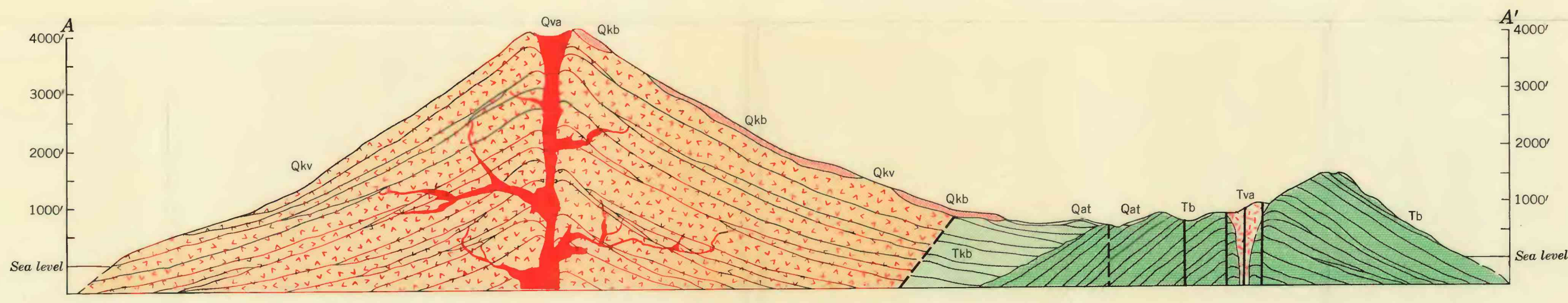
Rocks younger than caldera

Rocks formed at time of caldera

Rocks older than caldera of Mt. Kanaton

QUATERNARY

TERTIARY

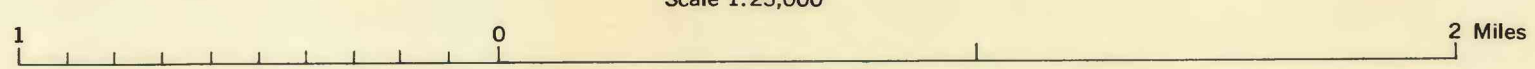


Topography and grid from maps compiled by Corps of Engineers, U. S. Army, 1943

Geology by R. R. Coats, 1946

**GEOLOGIC MAP OF NORTHERN KANAGA ISLAND, ALASKA**

Scale 1:25,000



Contour interval 200 feet  
Datum is ocean surface at time of photography