

EXPLANATION

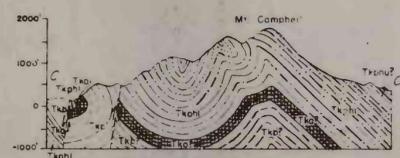
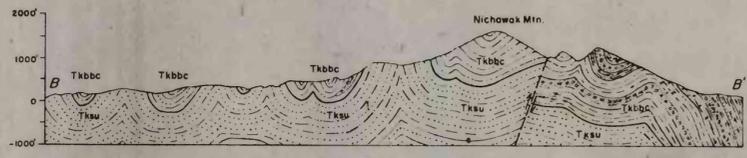
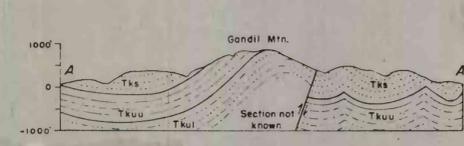
- SEDIMENTARY ROCKS
- Unconsolidated fluvial glacial, and lacustrine deposits, undifferentiated.
 - Thin covering of recent glacial moraine on bedrock.
 - Point Hay member
 - Tkph, Upper sandstone division
 - Tkphl, Lower shale division
 - Organic shale member
 - Buris Creek shale member
 - Equivalent of Buris Creek shale and Basin Creek member
 - Equivalent of Basin Creek member
 - Equivalent of Split Creek sandstone member
 - Equivalent of Split Creek sandstone and unnamed shale members
 - Equivalent of unnamed shale member
 - Tksu, upper shaly division
 - Tksl, lower sandy division
- QUATERNARY
- TERTIARY

IGNEOUS ROCKS

- Undifferentiated intrusive rocks
- TERTIARY OR YOUNGER

- Fault, dashed where inferred, dotted where concealed
- (U, upthrown side; D, downthrown side)
- Geologic contact, dashed where inferred
- Upper limit of recent glaciation
- Strike and dip of beds
- Strike and dip of overturned beds (Overturned and upright beds are not differentiated on Mount Campbell because of lack of criteria for determining top and bottom of beds.)
- Strike of vertical beds
- Horizontal beds
- Axis of anticline and direction of plunge
- Axis of syncline and direction of plunge
- Axis of overturned anticline
- Axis of overturned syncline
- Oil seep
- Oil seep reported by Martin (1921)
- Location of well drilled for oil
- Trail
- Building

Base map compiled by Alaskan Branch.
Planimetry from aerial photographs adjusted to major control points of the topographic map of the Controller Bay Region, Alaska, U. S. Geological Survey Bulletin 335, plate 2.
Vertical control from plate 2 and barometer readings.
Topography of northeast end of Nichawak mountain from sketch map by Don J. Miller.

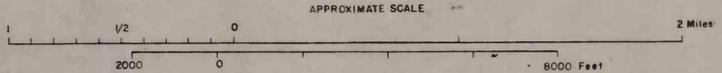


EXPLANATION

- Sandstone
 - Interbedded lava, tuff and agglomerate
 - Shale
 - Organic shale
 - Interbedded sandstone and shale
- For explanation of letter symbols see map explanation

GEOLOGIC AND TOPOGRAPHIC MAP AND SECTIONS OF THE NICHAWAK AREA, ALASKA

BY
DON J. MILLER, DARWIN L. ROSSMAN, AND CHARLES A. HICKCOX



Contour interval 200 feet
Datum mean sea level
1951

This map is preliminary and has not been edited or reviewed for conformity with U. S. Geological Survey standards and nomenclature.