

- EXPLANATION**
- Tn
Nenana gravel
(Buff to reddish brown poorly consolidated conglomerate and sandstone; locally contains claystone and lignitic coal.)
 - Unconformity**
 - Tcb
Coal-bearing formation
(Poorly consolidated conglomerate, sandstone, claystone, and subbituminous coal.)
 - Unconformity**
 - Kc
Cantwell formation
(Well consolidated dark gray and light tan sandstone, conglomerate, shale, argillite, and coal, intruded by diabase rhyolite dikes, sills, and laccoliths. West of Sanctuary River is associated with abundant interbedded volcanic rocks.)
 - Unconformity**
 - mi
Granitic intrusive rocks
(Granite, gneiss, and diorite, chiefly middle and late Mesozoic, includes igneous rocks near Jumbo Dome and Moose Creek, of late Cretaceous age.)
 - Unconformity**
 - upm
Undifferentiated Paleozoic and Mesozoic sedimentary and volcanic rocks
(Armillite, phyllite, slate, schist, limestone, and associated volcanic rocks, intruded by greenstone sills.)
 - Unconformity (?)**
 - pDf
Tobolankia schist
(Quartz-orthoclase-sericite schist, probably meta-phyllite)
 - Unconformity (?)**
 - pCb
Birch Creek schist
(Quartz-sericite schist, locally carbonaceous, quartzite, and marble.)
 - Fault**

TERTIARY

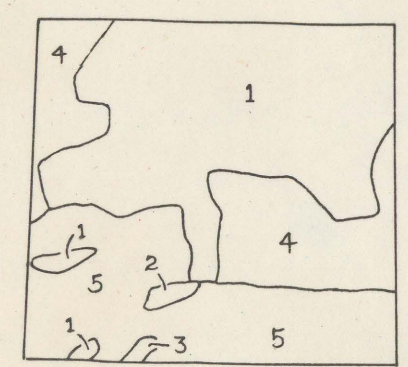
 CRETACEOUS

 MESOZOIC

 PALEOZOIC AND MESOZOIC (UNDIFFERENTIATED)

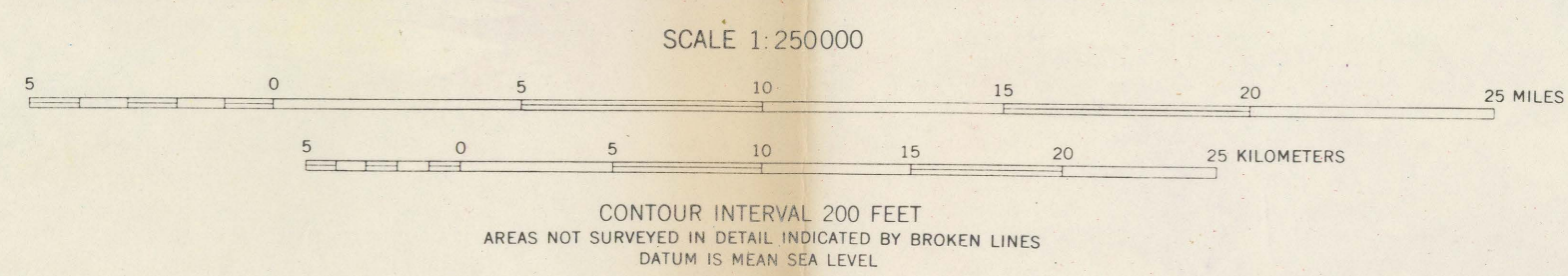
 PRE-DEVONIAN

 PRE-CAMBRIAN



1. Geology by Clyde Wahrhaftig, C. A. Hickey, R. A. Eckhart, and Jacob Freedman (1943-1951).
2. Geology by R. M. Boxham, W. S. West, A. E. Nelson, and E. H. Cobb (1942 and 1950).
3. Geology by D. M. Hopkins (1944). Bull. 963-E, fig. 36.
4. Geology from U. S. Geol. Survey Bull. 907, Plates 2 and 3, revised by Clyde Wahrhaftig. (revision based on aerial reconnaissance and photogeology, 1951).
5. Geology from U. S. Geol. Survey Bull. 907, plate 2.

MAPPED, EDITED AND PUBLISHED BY THE GEOLOGICAL SURVEY
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CULTURE AND DRAINAGE IN PART COMPILED FROM TRIMETROCON PHOTOGRAPHY, 1943-1946. TOPOGRAPHY COMPILED FROM ORIGINAL SURVEYS OF THE GEOLOGICAL SURVEY AND OTHER OFFICIAL SOURCES 1898-1949. SUPPLEMENTED BY STEREOPHOTOGRAMMETRIC PHOTOGRAMMATIC AND MULTIFLEX COMPILATION, 1949-1950.
UNIVERSAL TRANSVERSE MERCATOR PROJECTION, ZONE 6
DASHED LAND LINES INDICATE APPROXIMATE LOCATION



BEDROCK GEOLOGY OF THE ALASKA RANGE BETWEEN LONG. 147°30' W. AND 150°00' W.