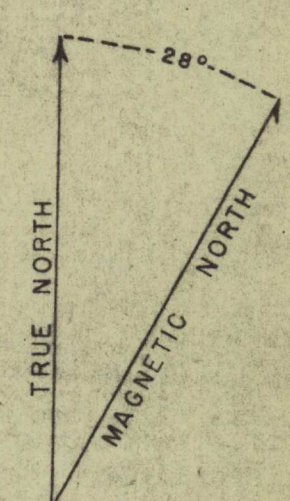




- EXPLANATION**
- SEDIMENTARY AND METAMORPHIC ROCKS**
- Q1 Undifferentiated talus and glacial till
 - Q2 Stream gravels
 - Q3 Moraine-covered ice
 - Ph Hornfels and argillite
 - Pl Recrystallized limestone and tactite
 - Pg Greenstone
- IGNEOUS ROCKS**
- Tad Andesite porphyry and dacite porphyry
 - Td Basalt porphyry
 - Tsd Silicic intrusives (alaskite granite - Tsa, rhyolite porphyry - Tsr)
 - Qgd Quartz diorite
- QUATERNARY**
- PERMIAN**
- TERTIARY (?)**
- JURASSIC**
- Inferred fault: showing dip
 - Contact: showing dip (dotted where inferred)
 - Boundary of calculated tonnage
 - Strike and dip of beds
 - Channel sample
 - Diamond drill hole
 - Adits
 - Shaft
 - Mineral monument
 - Edge of terrace
- Altitude of 3200 feet is assumed at edge of the Nabesna River near northern boundary of map



GEOLOGIC AND TOPOGRAPHIC SKETCH MAP OF ORANGE HILL AND VICINITY, ALASKA

Geology and topography by Ralph E. Van Alstine and Robert F. Black, 1944

