



- EXPLANATION
- SEDIMENTARY AND METAMORPHIC ROCKS
- Qt Undifferentiated talus and glacial till
 - Qal Stream gravels
 - Qm Moraine-covered ice
 - Ph Hornfels and argillite
 - Pl Recrystallized limestone and tactite
 - Pg Greenstone
- IGNEOUS ROCKS
- Tad Andesite porphyry and dacite porphyry
 - Tb Basalt porphyry
 - Tsa Silicic intrusives (alaskite granite - Tsa; rhyolite porphyry - Tsr)
 - Jqd Quartz diorite
- Geological symbols:
- 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

500 0 500 2500 FEET
Contour interval 50 feet
Datum assumed

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