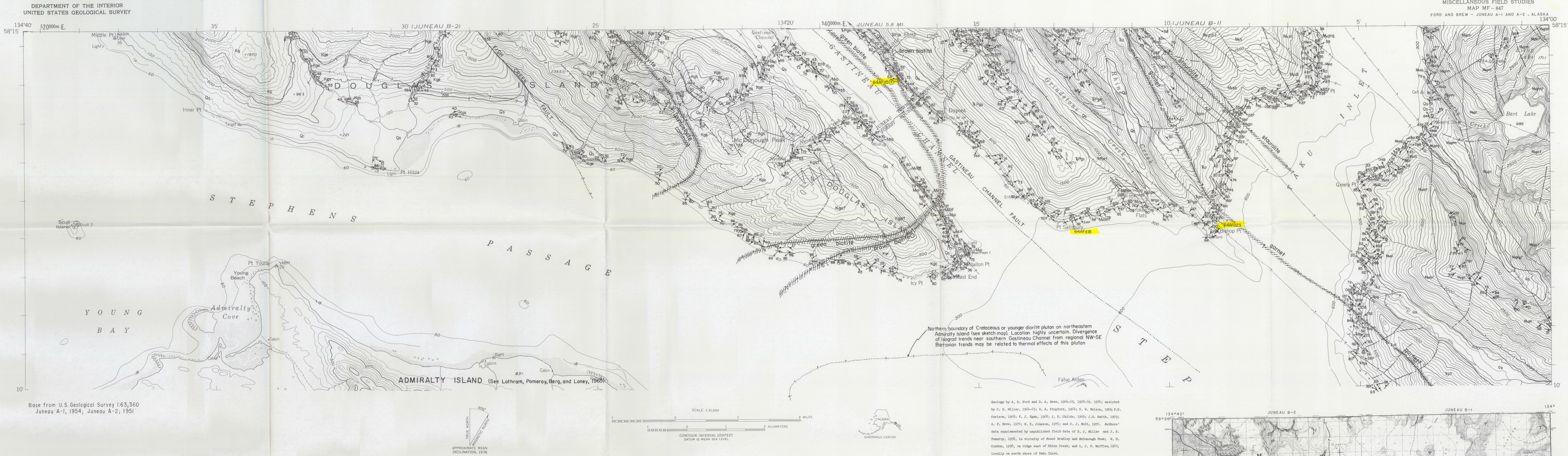




PRELIMINARY GEOLOGIC AND METAMORPHIC-ISOGRADE MAP OF NORTHERN PARTS OF THE JUNEAU A-1 AND A-2 QUADRANGLES, ALASKA

BY
ARTHUR B. FORD AND DAVID A. BREW
1977

LEGEND

Qc	Quaternary
Tg	Tertiary
Kg	Kretaceous
Tr	Triassic
Perm	Permian
Dev	Devonian
Sil	Silurian
Ord	Ordovician
Pre-Camb	Pre-Cambrian

DESCRIPTION OF MAP UNITS

Qc	Quaternary	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Tg	Tertiary	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Kg	Kretaceous	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Tr	Triassic	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Perm	Permian	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Dev	Devonian	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Sil	Silurian	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Ord	Ordovician	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Pre-Camb	Pre-Cambrian	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials

DESCRIPTION OF MAP UNITS

Qc	Quaternary	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Tg	Tertiary	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Kg	Kretaceous	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Tr	Triassic	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Perm	Permian	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Dev	Devonian	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Sil	Silurian	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Ord	Ordovician	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Pre-Camb	Pre-Cambrian	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials

DESCRIPTION OF MAP UNITS

Qc	Quaternary	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Tg	Tertiary	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Kg	Kretaceous	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Tr	Triassic	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Perm	Permian	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Dev	Devonian	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Sil	Silurian	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Ord	Ordovician	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Pre-Camb	Pre-Cambrian	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials

DESCRIPTION OF MAP UNITS

Qc	Quaternary	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Tg	Tertiary	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Kg	Kretaceous	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Tr	Triassic	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Perm	Permian	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Dev	Devonian	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Sil	Silurian	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Ord	Ordovician	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Pre-Camb	Pre-Cambrian	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials

DESCRIPTION OF MAP UNITS

Qc	Quaternary	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Tg	Tertiary	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Kg	Kretaceous	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Tr	Triassic	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Perm	Permian	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Dev	Devonian	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Sil	Silurian	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Ord	Ordovician	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Pre-Camb	Pre-Cambrian	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials

DESCRIPTION OF MAP UNITS

Qc	Quaternary	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Tg	Tertiary	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Kg	Kretaceous	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Tr	Triassic	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Perm	Permian	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Dev	Devonian	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Sil	Silurian	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Ord	Ordovician	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Pre-Camb	Pre-Cambrian	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials

DESCRIPTION OF MAP UNITS

Qc	Quaternary	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Tg	Tertiary	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Kg	Kretaceous	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Tr	Triassic	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Perm	Permian	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Dev	Devonian	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Sil	Silurian	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Ord	Ordovician	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Pre-Camb	Pre-Cambrian	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials

DESCRIPTION OF MAP UNITS

Qc	Quaternary	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Tg	Tertiary	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Kg	Kretaceous	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Tr	Triassic	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Perm	Permian	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Dev	Devonian	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Sil	Silurian	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Ord	Ordovician	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials
Pre-Camb	Pre-Cambrian	Unconsolidated glacial, alluvial, colluvial, marine, and glaciolacustrine materials



Scale 1:63,360

Sketch map of northern parts of the Juneau A-1 and A-2 quadrangles showing relation of major faults, plutons, and distribution of metamorphic facies. Plutons are shown in solid black. Metamorphic facies are shown in various shades of gray. The map includes the following features: 1. Major faults: Gastineau Channel Fault, Douglas Channel Fault, and others. 2. Plutons: Various diorite and granite plutons. 3. Metamorphic facies: Amphibolite, Pseudomylonite, and others. 4. Topographic features: Mountains, valleys, and water bodies. 5. Geologic symbols: Various symbols for different rock types and structures.

Interior--Geological Survey, Reston, Va.--1977
For sale by Branch of Distribution, U. S. Geological Survey
Box 3586, Federal Center, Denver, CO 80223