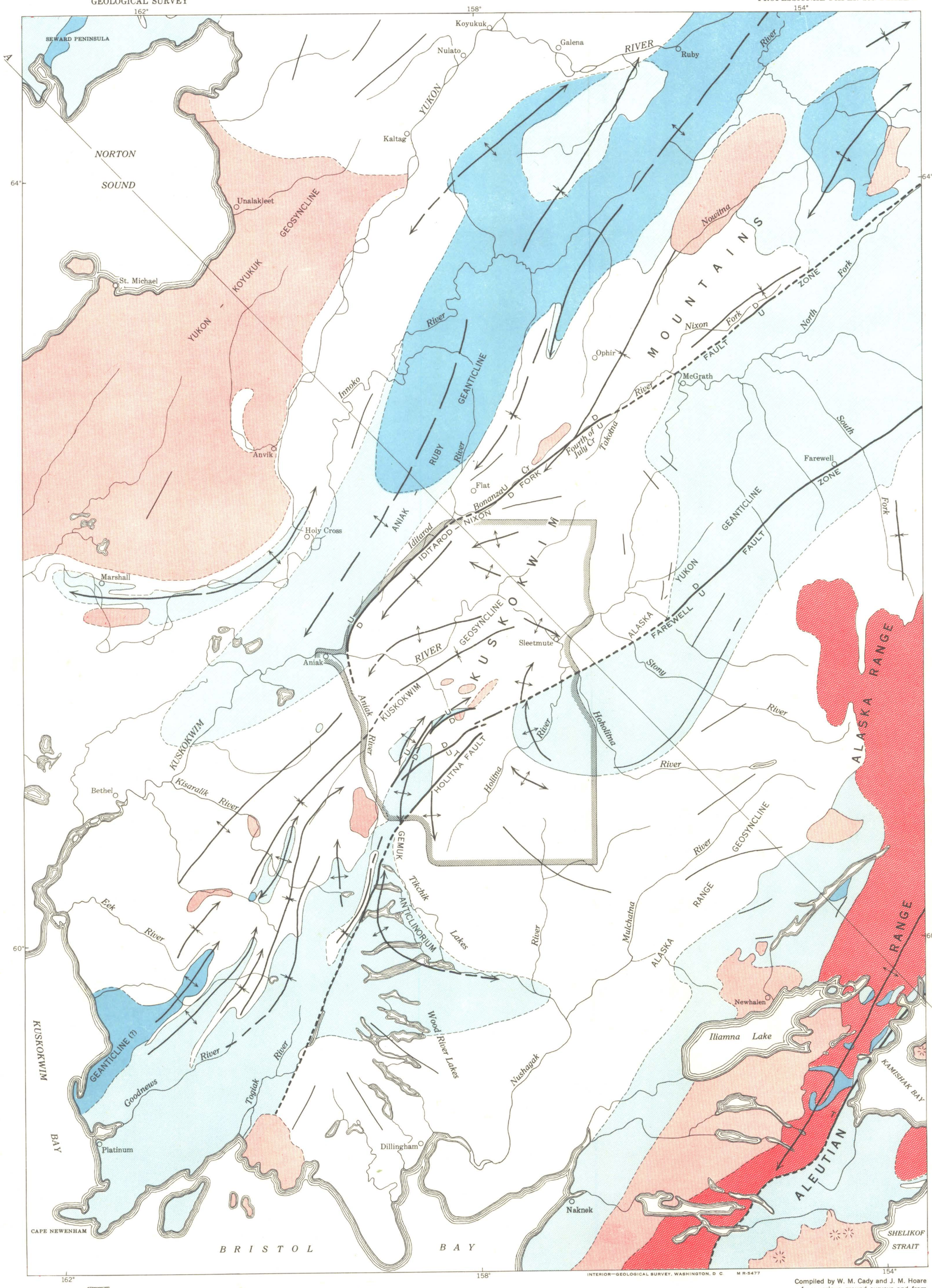
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PROFESSIONAL PAPER 268 PLATE 2



EXPLANATION

QUATERNARY AND TERTIARY

Tilted to nearly horizontal terrestrial volcanic beds
Unconformable on folded beds and batholiths; chiefly mafic lavas, but intermediate types predominate in the vicinity of the Aleutian Range

TERTIARY AND CRETACEOUS

Batholiths
Intrude folded beds; chiefly granitoid rocks of felsic to intermediate composition

CRETACEOUS

Upper Cretaceous and upper Lower Cretaceous

Bedded rocks of secondary geosynclines
Sharply folded and regionally unconformable upon the bedded rocks of primary geosynclinal deposits; chiefly graywacke and shale, but locally includes sandstone and intermediate and mafic volcanic rocks

LOWER CRETACEOUS TO CAMBRIAN (?)

Bedded rocks of primary geosynclinal belt
Exposed chiefly in geanticlinal uplifts and unconformable on the crystalline basement. Limestone and dolomite predominate through the Devonian, siltstone and marine volcanic rocks, which progress from mafic to intermediate, characterize the Carboniferous to Lower Cretaceous

LOWER ORDOVICIAN TO PRE-CAMBRIAN (?)

Crystalline basement
Exposed near the axes of geanticlinal uplifts; commonly foliate and includes schist, gneiss, quartzite, marble, greenstone, and amphibolite

Unit boundaries
Dashed where extrapolated in compilation

U / D
High angle fault
Dashed where approximately located, U, upthrown side; D, downthrown side. Late Tertiary and Quaternary; dashed where extrapolated in compilation

Thrust fault, T shows overthrust side
Nearly all late Tertiary and Quaternary; dashed where extrapolated in compilation

Anticlinal axis
Nearly all earliest Tertiary; dashed where extrapolated in compilation; arrow indicates direction of plunge

Synclinal axis
Nearly all earliest Tertiary; dashed where extrapolated in compilation; arrow indicates direction of plunge

Bedding lineament
Nearly all trace of beds folded in earliest Tertiary

Recent volcano

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D C M R-5477

Compiled by W. M. Cady and J. M. Hoare from various ground surveys and from aerial photographs, in 1951

CENTRAL KUSKOKWIM REGION

TECTONIC MAP OF SOUTHWESTERN ALASKA

Approximate Scale
25 0 100 Miles