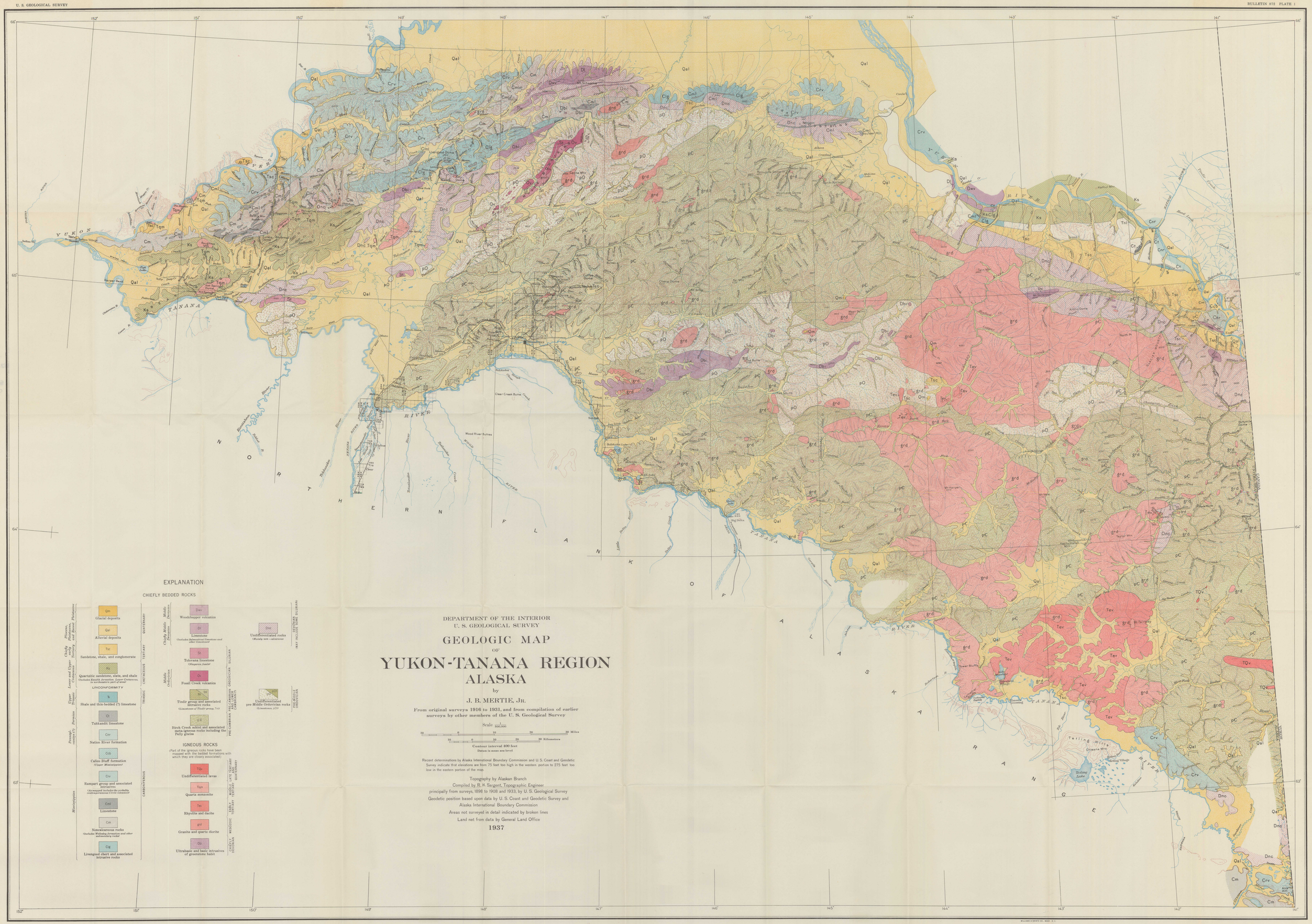
EXPLANATION
CHIEFLY BEDDED ROCKS
Qm Glacial deposits
Qal Alluvial deposits
Tsc Sandstone, shale, and conglomerate
Ks Quartzitic sandstone, slate, and shale
UNCONFORMITY
Tr Shale and thin-bedded (?) limestone
Cl Tahkandit limestone
Cnr Nation River formation
Ccb Calico Bluff formation
Crv Rampart group and associated intrusives
Cml Limestone
Cm Noncalcareous rocks
Clg Livengood chert and associated intrusive rocks
Dwv Woodchopper volcanics
Dl Limestone
St Tolovana limestone
Ov Fossil Creek volcanics
Tm Tindir group and associated intrusive rocks
pC Birch Creek schist and associated meta-igneous rocks including the Pelly gneiss
IGNEOUS ROCKS
TQv Undifferentiated lavas
Tqm Quartz monzonite
Tev Rhyolite and dacite
grd Granite and quartz diorite
Qbi Ultrabasic and basic intrusives of greenstone habit
Dnc Undifferentiated rocks
pO Undifferentiated pre-Middle Ordovician rocks
DEPARTMENT OF THE INTERIOR
U. S. GEOLOGICAL SURVEY
GEOLOGIC MAP
OF
YUKON-TANANA REGION
ALASKA
by
J. B. MERTIE, Jr.
From original surveys 1916 to 1931, and from compilation of earlier surveys by other members of the U. S. Geological Survey
Scale 1/500,000
Contour interval 400 feet
Datum is mean sea level
Recent determinations by Alaska International Boundary Commission and U. S. Coast and Geodetic Survey indicate that elevations are from 75 feet too high in the western portion to 275 feet too low in the eastern portion of the map.
Topography by Alaskan Branch
Compiled by R. H. Sargent, Topographic Engineer
principally from surveys, 1898 to 1908 and 1933, by U. S. Geological Survey
Geodetic position based upon data by U. S. Coast and Geodetic Survey and Alaska International Boundary Commission
Areas not surveyed in detail indicated by broken lines
Land net from data by General Land Office
1937
NORTHERN FLANK OF ALASKA RANGE
YUKON
TANANA
RIVER
FAIRBANKS
Big Delta
Tetling Hills
Tolsona Lake