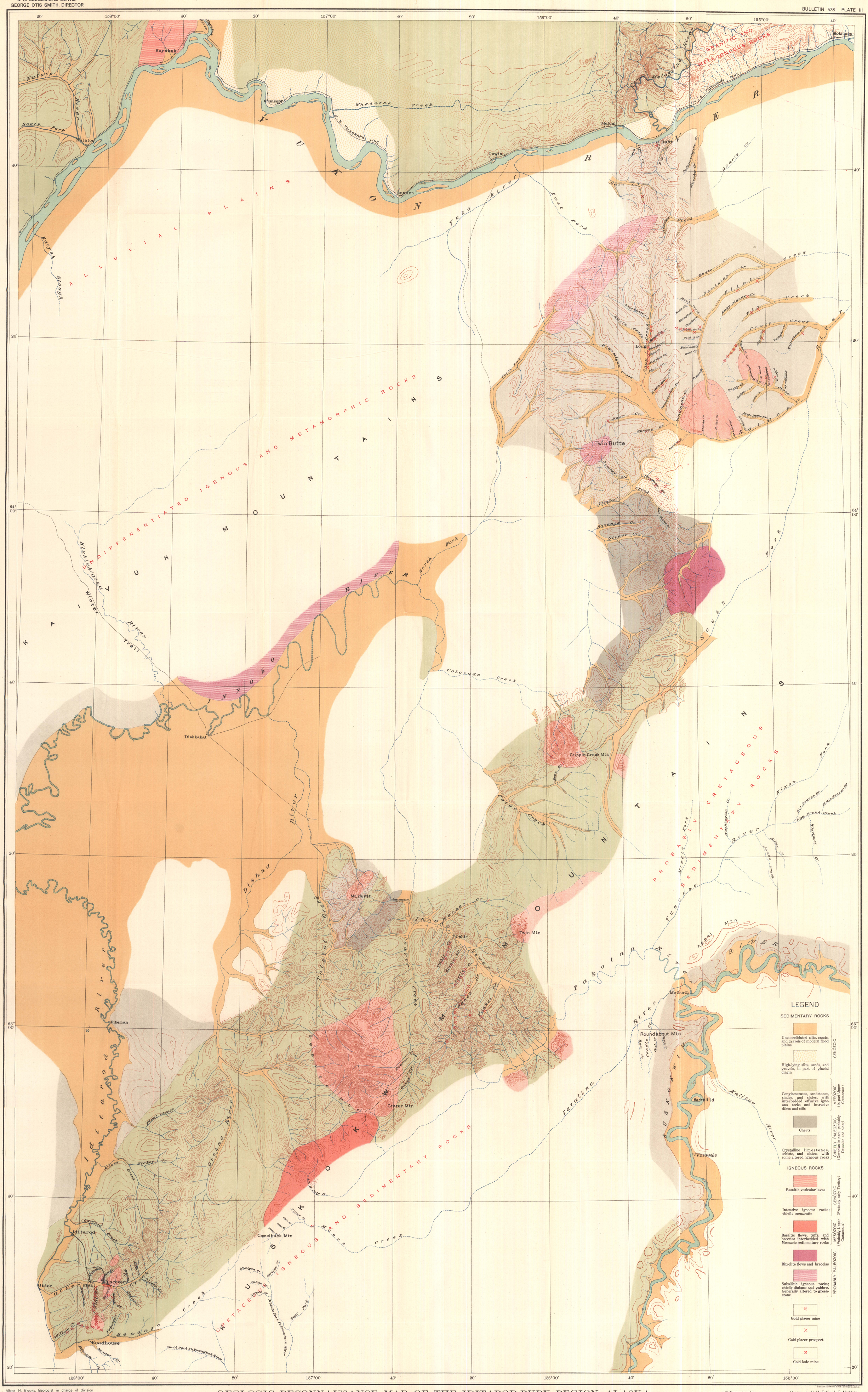
GEOLOGIC RECONNAISSANCE MAP OF THE IDITAROD-RUBY REGION, ALASKA
Scale 1/250,000
10 0 10 20 Miles
10 0 10 20 Kilometers
Contour interval 200 feet
Datum is mean sea level
1914
Alfred H. Brooks, Geologist in charge of division
Topography by C. G. Anderson and W. S. Post, also boat traverses by A. G. Maddren and exploratory surveys from different sources
Control by C. G. Anderson
Geodetic position based on adjusted position of Ruby Creek and astronomic observations
Surveyed in 1898, 1908, and 1910
Geology by H. M. Eakin, A. G. Maddren, J. E. Spurr, and P. S. Smith
Surveyed in 1898, 1909, 1910, and 1912
LEGEND
SEDIMENTARY ROCKS
Unconsolidated silts, sands, and gravels of modern flood plains
High-lying silts, sands, and gravels, in part of glacial origin
CENOZOIC
Conglomerates, sandstones, shales, and slates, with interbedded effusive igneous rocks and intrusive dikes and sills
MESOZOIC (In part Upper Cretaceous)
Cherts
Crystalline limestones, schists, and slates, with some altered igneous rocks
CHIEFLY PALEOZOIC (Devonian in part; probably Devonian and older)
IGNEOUS ROCKS
Basaltic vesicular lavas
Intrusive igneous rocks; chiefly monzonite
CENOZOIC (Probably early Tertiary)
Basaltic flows, tuffs, and breccias interbedded with Mesozoic sedimentary rocks
MESOZOIC (Probably Upper Cretaceous)
Rhyolite flows and breccias
Subsilicic igneous rocks; chiefly diabase and gabbro. Generally altered to greenstone
PROBABLY PALEOZOIC
Gold placer mine
Gold placer prospect
Gold lode mine
ALLUVIAL PLAINS
INDIFFERENTIATED IGNEOUS AND METAMORPHIC ROCKS
GRANITIC AND METAIGNEOUS ROCKS
PROBABLY CRETACEOUS SEDIMENTARY ROCKS
CRETACEOUS SEDIMENTARY ROCKS
CRETACEOUS IGNEOUS ROCKS
Koyukuk
Grimkopf
Louden
Lewis
Melozitna
Ruby
Kokrines
Twin Butte
Cripple Creek Mts
Dishkakat
Mt. Hurst
Ophir
Twin Mtn
Dikeman
Crater Mtn
Camelback Mtn
Iditarod
Roadhouse
Otter Flat
Discovery
McGrath
Roundabout Mtn
Harrell Id
Vinasale
Appel Mtn
Yukon River
Innoko River
Dishna River
Takotna River
Tatalina River
Kuskokwim River
Nulato River
Kaiyuh Slough
Whakatna Creek
Yuko River
East Fork
North Fork
South Fork
Colorado Creek
Bonanza Creek
Moore Creek
Iditarod River
Bear Creek
Tuenena River
Nixon
Kaltana River
U. S. TELEGRAPH LINE