



EXPLANATION

SEDIMENTARY ROCKS

NONMETAMORPHIC

Unconsolidated deposits  
(Sand, gravel, silt of fluvial, glacial, and marine origin)

Shaktolik group and Ungalik conglomerate  
(Sandstones, slate, conglomerate, and shale)

METAMORPHIC

Paleozoic rocks  
(Largely limestone and dolomite, with black slate in southern part of area)

Undifferentiated metamorphic rocks  
(Mainly quartz schist, and thin limestones; probably includes some igneous rocks)

IGNEOUS ROCKS

NONMETAMORPHIC

Basalt  
(Vesicular lava)

Granite, monzonite, syenite, and diorite

Andesitic tuffs and flows; includes also later basalt and diabase north of Bear Creek not separately mapped

Nonmetamorphic intrusive rocks, largely granitic, and related effusive rocks not separately mapped

METAMORPHIC

Greenstone and greenstone schist

Gold placer mine

Coal prospect or mine

Strike and dip

QUATERNARY (POSSIBLY IN CLUSTERS LATE TERTIARY)

CRETACEOUS

CARBONIFEROUS, DEVONIAN, AND SILURIAN

MAINLY PRESILURIAN (POSSIBLY PRE-CAMBRIAN)

TERTIARY AND RECENT

PRE-CRETACEOUS

POST-CARBONIFEROUS

GEOLOGIC SKETCH MAP OF KIWALIK-KOYUK REGION, ALASKA.

Geology by G.L. Harrington, P.S. Smith, H.M. Eakin, F.H. Moffitt, and W.C. Mendenhall. Surveyed in 1900, 1903, 1909, and 1917.