EXPLANATION

QUATERNARY — Recent — Pleistocene

Qab — Stream and beach deposits
Includes stream-built terraces within 15 feet of present stream levels

Qtg — Terrace and bench deposits
Gravel, sand, silt, and ice of elevated beaches and terraces more than 15 feet above stream levels

Qg — Gubik formation
Largely marine sand, silt, gravel, and clay

CRETACEOUS — Upper Cretaceous — Colville group

Kcp — Prince Creek formation

Knc — Corwin formation

Knk — Kukpowruk formation

Kn — Nanushuk group undifferentiated

Knt — Nanushuk group and Torok formation undifferentiated

CRETACEOUS — Lower Cretaceous

Kt — Torok formation

Kfm — Fortress Mountain formation

JURASSIC(?)

JK — Jurassic(?) and Cretaceous rocks, undifferentiated
Includes siltstone and shale units

Tundra, swamp, and lake-covered area
Contains no visible structural trends. Mantled mainly by Gubik formation and unconsolidated deposits; probably underlain by Colville and Nanushuk groups

Tundra and swamp-covered area
Contains vague structural trends. Mantled in part by undifferentiated surficial deposits; underlain by Colville and Nanushuk groups

Contact
Solid where established from field studies; dashed where extended by photogeologic studies; short dashed where uncertain or inferred. All mapped bedrock contacts gradational. Offset contacts represent approximate locations of facies change from sandy to shaly sections. No line where based on subjective interpretation

Fault
Showing relative movement; dashed where approximately located; short dashed where inferred. U, upthrown side; D, downthrown side

Thrust fault
Dashed where approximately located; short dashed where inferred. T, upper plate

Trace of possible unconformity
Indicated by structural discordance

Anticline
Showing trace of axial plane and direction of plunge. Dashed where approximately located; short dashed where inferred

Overturned anticline
Showing trace of axial plane, direction of dip of limbs. Dashed where approximately located; short dashed where inferred

Syncline
Showing trace of axial plane and direction of plunge. Dashed where approximately located; short dashed where inferred

Minor anticline
Showing bearing and plunge of axis

Minor syncline
Showing bearing and plunge of axis

Center of basin

Strike and dip of beds determined from field studies

Strike and dip of overturned beds

Strike of vertical beds

Horizontal beds

Generalized strike and dip of contorted beds

Approximate strike and dip of beds
Determined by photogeologic study; queried where location uncertain

Temporary field camp
Showing number and year

Fossiliferous locality
Showing U. S. N. M. locality number; queried where uncertain

Coal mine or workings

Dry well

Approximate elevation of locality
Determined by means of triangulation

Approximate location of seismic reflection line
Showing shot points

Base compiled from Trimetrogon photographs by U. S. Geological Survey, 1947–52

APPROXIMATE MEAN DECLINATION, 1950

GEOLOGIC MAP OF THE UTUKOK-CORWIN REGION, ALASKA

Scale 1:125 000

5 0 5 Miles

Datum is approximate mean sea level

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—MR 2525

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