

EXPLANATION

60-20

7

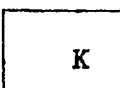
BEDDED ROCKS

IGNEOUS ROCKS



QUATERNARY

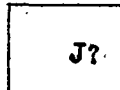
UNCONFORMITY



Torok, Fortress Mountain and Okpikruak formations undivided. Shale, sandstone, and conglomerate

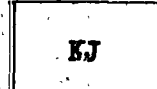
CRETACEOUS

UNCONFORMITY



Possibly Tiglukpuk or Kingak formations. Shale and chert

JURASSIC

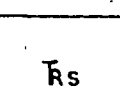


Cretaceous and Jurassic formations undivided. Shale, sandstone, and conglomerate



Post-Mississippian mafic rocks. Sills, flows, and agglomerates

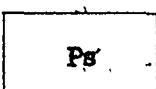
UNCONFORMITY



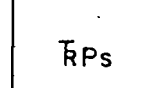
Shublik formation
Black shale, limestone, siltstone, and sandstone

TRIASSIC

DISCONFORMITY



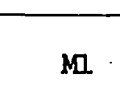
Siksikpuk formation. Shale and siltstone



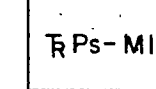
Sadlerochit sandstone
Shale, siltstone, sandstone, and limestone

PERMIAN

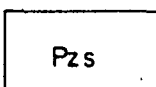
UNCONFORMITY



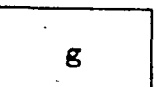
Lisburne group
Limestone, dolomite, chert, and shale



Sadlerochit sandstone and Lisburne group undivided

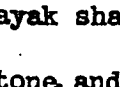


Paleozoic sedimentary rocks. May be thermally metamorphosed. Probably Lisburne group and Neruokpuk formation

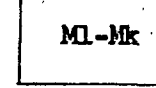


(Position in this column does not necessarily indicate relative age.)

UNCONFORMITY



Kayak shale
Shale, limestone, and sandstone. Locally includes unnamed conglomerate, MDC



Lisburne group and Kayak shale undivided



Kayak shale and Neruokpuk formation undivided

MISSISSIPPIAN

Southern Belt

Western

Eastern



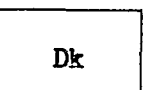
Unnamed conglomerate

Northern Belt



Unnamed conglomerate

UNCONFORMITY

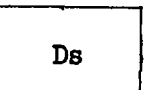


Kanayut conglomerate

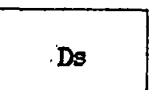


Kanayut conglomerate and unnamed slate and sandstone undivided

DEVONIAN

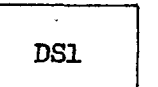


Unnamed slate and sandstone

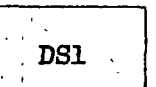


Unnamed slate and sandstone

UNCONFORMITY(?)

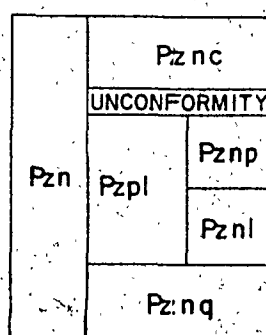


Limestone
(Includes Skajit limestone of Mertie, J. B., Jr., 1929, The Chandalar-Sheenjek district, Alaska: U. S. Geol. Survey Bull. 810, p. 113-115)

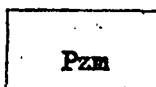


Limestone

SILURIAN



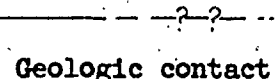
Neruokpuk formation
Pznc, phyllite, chert and sandstone.
Pznp, phyllite and limestone.
Pznl, limestone.
Pznq, quartzite-schist.
Pzpl, limestone-phyllite and limestone undivided
(Relative stratigraphic positions of Pznp, Pznl and Pznq are uncertain.)



Unnamed schist

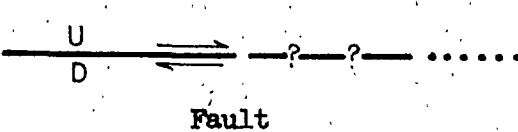
DEVONIAN

SYMBOLS



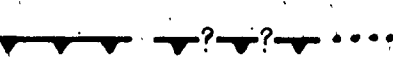
Geologic contact

Dashed where approximately located; questioned where doubtful, dotted where concealed. May include some fault contacts



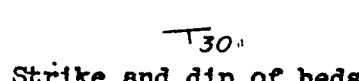
Fault

Dashed where approximately located, questioned where doubtful, dotted where concealed. U, upthrown side; D, downthrown side. Arrows show relative movement



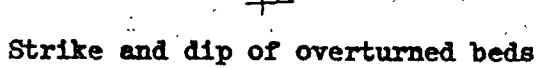
Thrust fault

Dashed where approximately located, questioned where doubtful, dotted where concealed. Sawteeth on upper plate



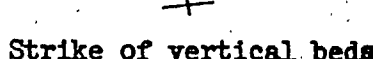
Strike and dip of beds

Strike and dip of beds interpreted from aerial photographs



Strike and dip of overturned beds

Strike and dip of overturned beds interpreted from aerial photographs



Strike of vertical beds

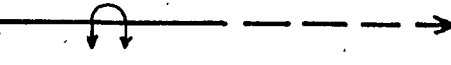


Horizontal beds



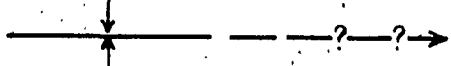
Anticline

Showing trace of axial plane and direction of plunge. Dashed where approximately located, questioned where doubtful



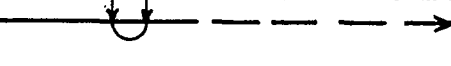
Overturned anticline

Showing trace of axial plane, direction of dip of limbs, and direction of plunge. Dashed where approximately located



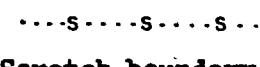
Syncline

Showing trace of axial plane and direction of plunge. Dashed where approximately located, questioned where doubtful



Overturned syncline

Showing trace of axial plane, direction of dip of limbs and direction of plunge. Dashed where approximately located



Scratch boundary
Limit of geologic mapping of bedrock units

This map is preliminary and has not been edited or reviewed for conformity with U. S. Geological Survey standards and nomenclature.