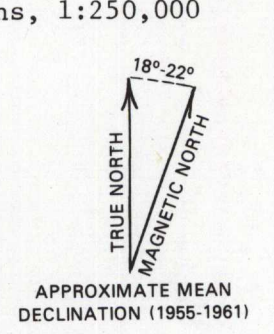




Base from U.S. Geological Survey, DeLong Mountains, 1:250,000

SCALE 1:63,360



APPROXIMATE MEAN DECLINATION 1986-1981

INDEX OF ALASKA SHOWING LOCATION OF KUKPOWRUK-NUKA RIVERS REGION (SHADED) AND NATIONAL PETROLEUM RESERVE IN ALASKA (CROSS-HATCHED)

- LIST OF MAP UNITS
(See accompanying sheet for correlation of map units)
- Qc COLLUVIUM (HOLOCENE)
 - Qal ALLUVIUM (HOLOCENE)
 - Qcg HIGH-LEVEL GRAVEL (HOLOCENE AND PLEISTOCENE)
 - Kc NANUSHUK GROUP
 - Kk Kukpowruk Formation (Lower Cretaceous)
 - Kt TOROK FORMATION (LOWER CRETACEOUS)
 - Kef TOROK AND FORTRESS MOUNTAIN FORMATION (LOWER CRETACEOUS)
 - Kf FORTRESS MOUNTAIN FORMATION (LOWER CRETACEOUS)
 - Kfl Shale member
 - Kfw Mucke and conglomerate member
 - Kfs Sandstone member
 - Ko OKPIKRUAK FORMATION (LOWER CRETACEOUS)
 - Kow Mucke member
 - Kjwc WACKES, SANDSTONE AND CONGLOMERATE (LOWER CRETACEOUS? AND JURASSIC?)
 - Kjnc WACKES WITH CANNONBALL CONCRETIONS (LOWER CRETACEOUS? AND JURASSIC?)

- Kja MAFIC IGNEOUS ROCKS (LOWER CRETACEOUS TO JURASSIC?)
- Trs SHUBLIK FORMATION (UPPER AND MIDDLE TRIASSIC)
- Jkuu CHERTY ROCKS (JURASSIC TO MISSISSIPPIAN)
- Jfcl Light-colored cherty unit (Jurassic? to Pennsylvanian)
- Pmcd Dark-colored cherty unit (Pennsylvanian and Mississippian)
- Pm NUKA FORMATION (PERMIAN, PENNSYLVANIAN, AND MISSISSIPPIAN)
- ML LISBURN GROUP
- Mt Dupik Formation (Upper Mississippian)
- Mk Kogruk Formation (Upper and Lower Mississippian)
- Hu Utukok Formation (Lower Mississippian)
- Mld Dark-colored facies (Mississippian)
- Mka KAYAK SHALE (LOWER MISSISSIPPIAN)
- Du DEVONIAN ROCKS
- H, Pz MESOZOIC AND PALEOZOIC ROCKS
- vo VOLCANICLASTIC(?) ROCKS (AGE UNKNOWN)

GEOLOGIC MAP OF THE EASTERN KUKPOWRUK-NUKA RIVERS REGION, NORTHWESTERN ALASKA

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1984