LEGEND

SEDIMENTARY ROCKS (Eagle Pencil No.) Late Cretaceous quartz-rich pebble and cobble conglomerate and sandstone 739 1/2 Early Cretaceous
lithicwache sandstone and cobble conglomerate 745 1/2 Shublik-Siksikpuk varicolored siliceous shale & chert MI 740 1/2 Lisburne bioclastic packstone (limestone) with dark gray chert Kayak-Utukok black shale & quartz rich sandy limestone Noatak-Kanayut quart zose sandstone with minor conglomerate 746 1/2 Hunt Fork Gray shale and siltstone GCRB, BCRB 741 CRB, SK Devonian Carbonate Graylimestone with reef structures METAMORPHIC ROCKS Metamorphic Basement Complex phyllite, slate, marble, quartzite and schist Metamorphic Basement Complex primarily marblized limestone

> 752 € 755

Undifferentiated Metamorphic

dark gray to black graphitic phyllite

Black Phyllite

Basement Complex

IGNEOUS ROCKS

Ig

primarily basic igneous intrusive

745

basic igneous intrusive & extrusive rocks with associated sedimentary

includes granite and granite gneiss

BEDDING

strike and dip of beds from aerial observation

strike & dip of steep beds (35-60")

strike of near vertical to vertical beds (85-90°)

strike and dip of beds
neasured in the field

faults with nearly vertical

plane Mark

low angle thrust fault with teeth on overriding plate

formation contact

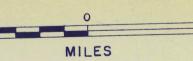
X Sample locality with number of sample taken

√3-7-10 location of a field stop where no sample was taken. Numbers in order of appearance indicate stop number, month of the year, and day of the month.

② 2 location and number of pebble count taken in Cretaceous conglomerate of the Waring Mountains

Scale

All plates are 1:250,000



MAPPED, EDITED, AND PUBLISHED BY THE GEOLOGICAL SURVEY CONTOUR INTERVAL 200 FEET