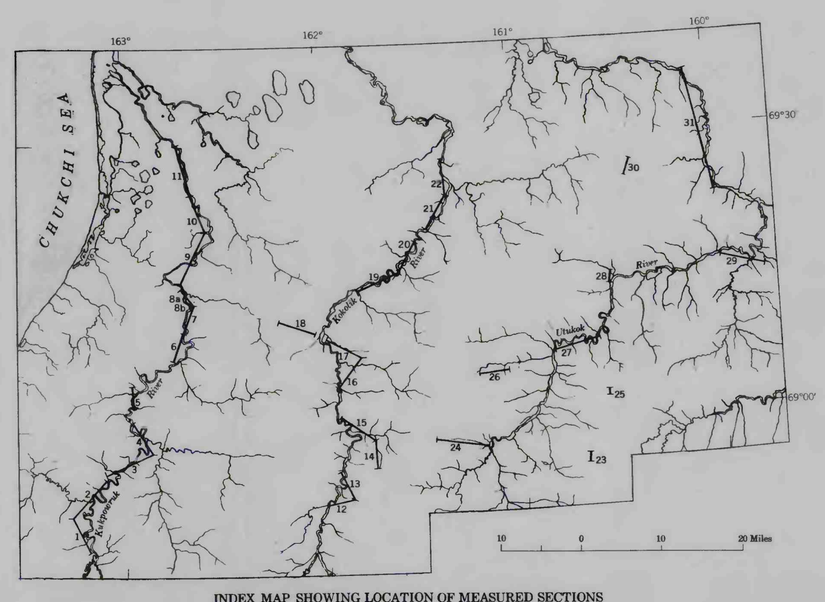
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PROFESSIONAL PAPER 303
PLATE 11



INDEX MAP SHOWING LOCATION OF MEASURED SECTIONS

EXPLANATION

Sandstone, conglomerate, and thickly bedded siltstone

Shale and thinly bedded siltstone

Coal

Clay and bentonitic clay

Covered

Beds
Correlated by direct tracing on aerial photographs or on ground

Mapped formational contacts
Based on lithologic differences recognized within individual sections on ground. Does not correspond everywhere with correlations by direct tracing because of facies changes

Boundaries of transitional zones
Marking upper and lower limit of possible positions of formational contacts

Feet
400
200
0
Vertical scale

1 Coke basin South limb

2 Coke basin North limb

3 Tupikchak syncline South limb

4 Tupikchak syncline North limb

5 Kukpowruk syncline South limb

6 Kukpowruk syncline North limb

7 South limb

8a Deadfall syncline

8b North limb

9 Kasegaluk syncline South limb

10 Howard syncline North limb

11 Barabara syncline South limb

Corwin formation

Transitional zone

Kukpowruk formation

UNCONFORMITY?

Torok formation

Transitional zone

CORRELATED GENERALIZED SECTIONS OF NANUSHUK GROUP ALONG THE KUKPOWRUK RIVER, UTUKOK-CORWIN REGION, ALASKA

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