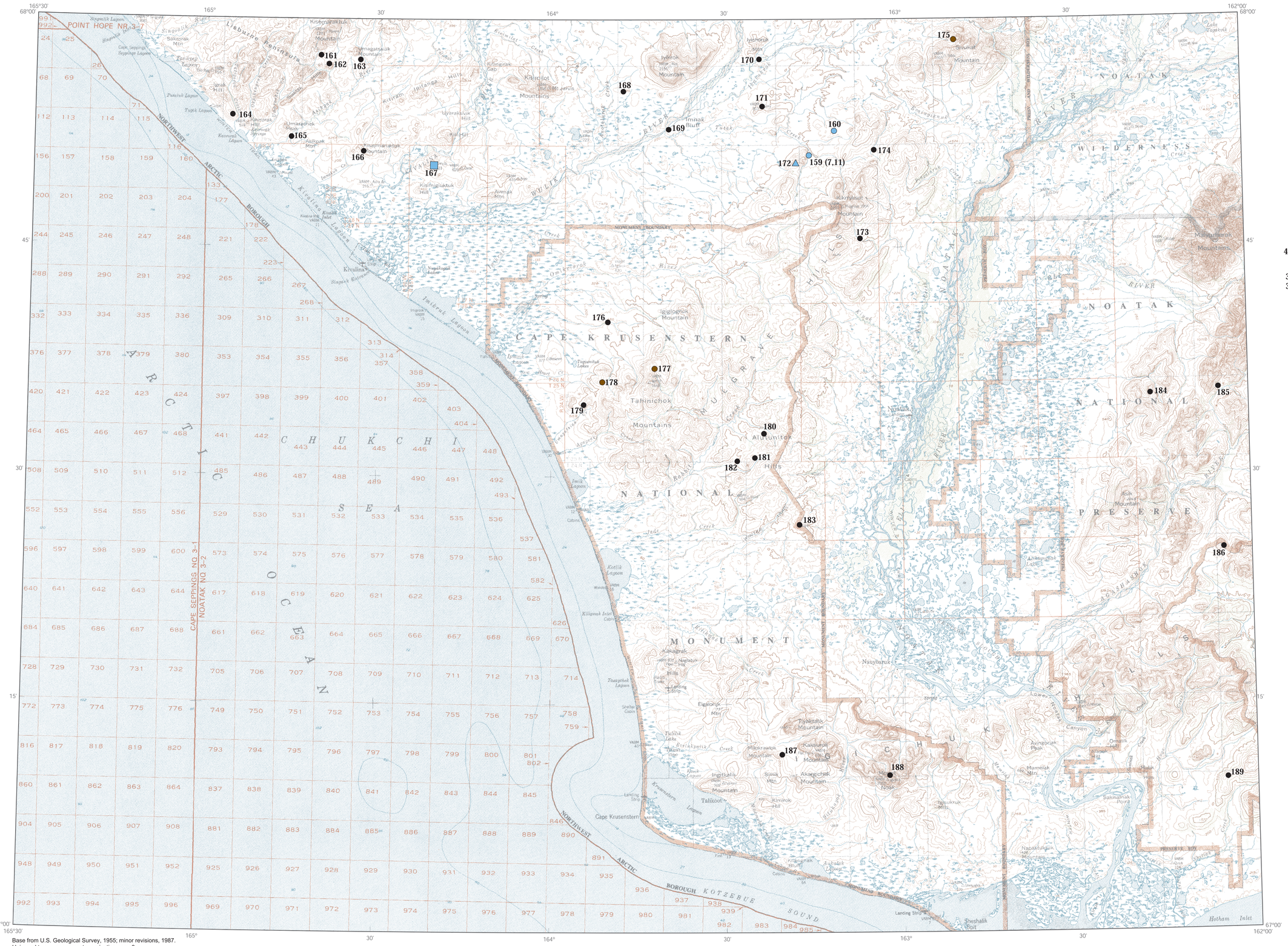
DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

OPEN-FILE REPORT 2006-1068
SHEET 2 of 2

MAP 4: OUTCROP AND DRILL HOLE FOSSIL LOCALITIES IN THE NOATAK QUADRANGLE



Base from U.S. Geological Survey, 1955; minor revisions, 1987.
Universal transverse mercator projection,zone 3.
100,000-foot grid ticks based on Alaska coordinate system, zones 7 and 8
1927 North American datum

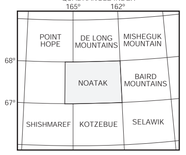
SCALE 1:250 000

5 0 5 10 15 20 MILES

5 0 5 10 15 20 25 KILOMETERS

CONTOUR INTERVAL 100 FEET
DOTTED LINES REPRESENT 50-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
1955 MAGNETIC DECLINATION AT SOUTH EDGE OF SHEET VARIES FROM 17°30' TO 19°30 EAST

QUADRANGLE INDEX



MAP LOCATION

EXPLANATION

Fossil Localities – symbols are color-keyed to stratigraphic unit, depositional environment, fossil type, and area. All localities are listed in tables 1-13 (conodonts) and (or) table 14 (radiolarians).

40(7) Localities with samples from more than one unit (in more than one table) are color-coded for the first table in which they appear; additional tables are listed in parentheses following the locality number.

33R Locality has only radiolarian samples.

35R Locality has conodont and radiolarian samples.

Open symbols indicate all samples from this locality were barren; shape and color of symbol indicates stratigraphic unit and tables

Mostly deep-water strata of the Lisburne Group (Carboniferous)
- Ikalukrok unit of the Kuna Formation (table 1)
- Kivalina unit of the Kuna Formation (table 2)
- Kuna Formation, undivided (table 3)
- Lisburne Group in the Picnic Creek allochthon (table 4)
- Other deep-water strata of the Lisburne Group (table 5)

Mostly shallow-water strata of the Lisburne Group (Carboniferous)
- Kogruk Formation (table 6)
- Utukok Formation (table 7)
- Unnamed strata that may correlate with the Utukok Formation (table 8)

Other stratigraphic units
- Etivluk Group and Okpikruak Formation (table 9)
- Nuka Formation and related rocks (table 10)
- Endicott Group (table 11)
- Devonian carbonate rocks (table 12)
- Various units in the Noatak quadrangle (table 13)
- Radiolarian samples (table 14)

CONODONT AND RADIOLARIAN DATA FROM THE DE LONG MOUNTAINS QUADRANGLE AND ADJACENT AREAS, ALASKA

By
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