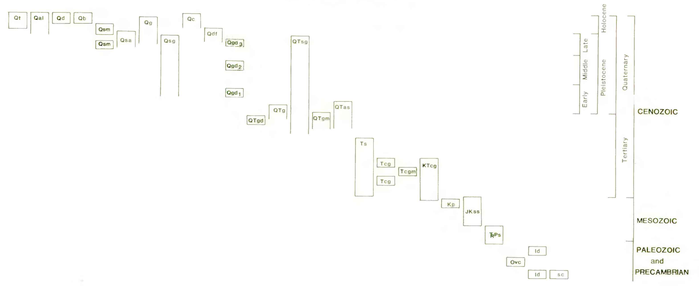
DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

OPEN-FILE REPORT 86-334
SHEET 1 OF 2

Bedrock geology modified from Reiser and others, 1978 (Mt. Michelson quadrangle), 1980 (Demarcation Point quadrangle). Unconsolidated deposits mapped by O.J. Ferrians, Jr., 1973, 1975; and Carter and Galloway, 1983-1984.

contour interval 100 ft

CORRELATION OF MAP UNITS



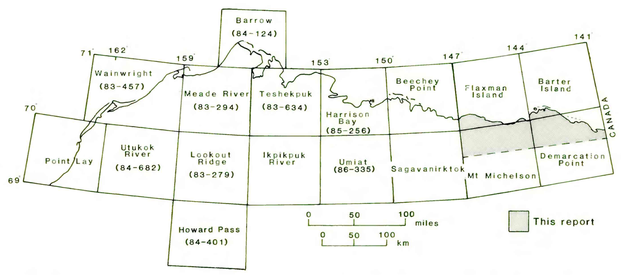
MAP SYMBOLS

- contact
- degraded scarp
- linear feature visible on aerial photographs: origin uncertain
- test well
- pingo
- axis of anticline: queried where doubtful
- axis of syncline
- river icings
- springs

WELLS DRILLED IN MAP AREA

Map #	Name	Location	Depth (ft)
1	West Staines 1	70° 08'15" N 146° 23'17" W	13,171'
2	East Mikkelsen Bay	70° 09'06" N 146° 54'11" W	15,205'
3	Alaska State A1	70° 11'21" N 146° 00'17" W	14,206'
4	West Staines State 2	70° 06'40" N 146° 24'56" W	13,171'
5	Beli Unit 1	69° 42'56" N 146° 32'13" W	14,632'
6	Canning River Unit B-1	69° 38'50" N 146° 16'32" W	10,803'

(see Bird, 1982 - U.S. Geological Survey Open-File Report 82-278)



Index map of northern Alaska showing published 1:250,000 scale engineering-geologic maps, which are identified by the U.S. Geological Survey Open-File Report number in parentheses under the quadrangle name.

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

ENGINEERING-GEOLOGIC MAPS OF NORTHERN ALASKA, COASTAL PLAIN AND FOOTHILLS OF THE ARCTIC NATIONAL WILDLIFE REFUGE

by

L. David Carter, Oscar J. Ferrians, Jr., and John P. Galloway

1986