UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

HOWARD PASS (A–1) QUADRANGLE

ALASKA–NORTH SLOPE BOROUGH

1:63 360 SERIES (TOPOGRAPHIC)

760 000 FEET

5 200 000 FEET

5 140 000 FEET

700 000 FEET

(HOWARD PASS B–2) (HOWARD PASS B–1) (KILIK RIVER B–5)

(HOWARD PASS A–2) (KILIK RIVER A–5)

(AMBLER RIVER D–2) (AMBLER RIVER D–1) (SURVEY PASS D–6)

156°36′ 156°00′ 68°15′ 68°00′

30′ 20′ 10′ 5′

R 10 E R 11 E R 12 E R 13 E

T 33 N T 32 N T 31 N T 30 N

NATIONAL PETROLEUM RESERVE IN ALASKA

KOYAKTUK RIVER

NIGU RIVER

MOUNTAIN

Isikut Mountain

Inyorurak Pass

Flora Creek

Inyorurak Lakes

Kikitaliorak Lake

Etivluk Lake

NOATAK NATIONAL PRESERVE

NOATAK WILDERNESS

ROUGH MOUNTAIN

CREEK

Nukatpiat Mountain

NORTH SLOPE BOROUGH

Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1971, 1973 and 1974. Map not field checked.
Map edited 1984

Projection and 5000-meter grid
Universal Transverse Mercator, zone 4
20,000-foot grid ticks based on Alaska coordinate system, zone 6. 1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 60 meters north and 124 meters east

Land lines represent unsurveyed and unmarked locations predetermined by the Bureau of Land Managment
Folio K-2, Kateel River Meridian

Federal reservation boundaries established by The Alaska National Interest Lands Conservation Act, PL 96-487, Dec. 2, 1980, are shown as compiled by the administering agencies

There may be private inholdings within the boundaries of the National or State reservations shown on this map

UTM GRID AND 1984 MAGNETIC NORTH DECLINATION AT CENTER OF MAP DIAGRAM IS APPROXIMATE

GN MN
2°30′ 44 MILS
24° 427 MILS

SCALE 1:63 360

1 .5 0 1 2 3 4 5 6 KILOMETERS
1 0 1 2 3 MILES
3000 0 3000 6000 9000 12000 15000 FEET

CONTOUR INTERVAL 20 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

FOR SALE BY U. S. GEOLOGICAL SURVEY
FAIRBANKS, ALASKA 99701, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ALASKA
QUADRANGLE LOCATION

CONTOURS AND ELEVATIONS IN METERS

ROAD CLASSIFICATION
No roads or trails in this area

HOWARD PASS (A–1), ALASKA
N6800–W15600/15X36
1984

INTERIOR-GEOLOGICAL SURVEY, RESTON, VIRGINIA 1984