



THIS MAP IS PRELIMINARY AND HAS NOT BEEN
REVIEWED FOR CONFORMITY WITH U.S. GEOLOGICAL
SURVEY STANDARDS AND NOMENCLATURE.

GRAVITY SURVEYS 1960 TO 1975

GRAVITY INVESTIGATIONS PARTIALLY SUPPORTED BY
ALASKA DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS
AND U.S. OFFICE OF NAVAL RESEARCH

DATA REDUCED WITH THE 1967 INTERNATIONAL ELLIPSOID

PLOT DATE: 1/10/76

STATION LOCATION
STATION IDENTIFICATION
SIMPLE BOUGUER ANOMALY
IN MILLIGALS

GENERALIZED SIMPLE BOUGUER ANOMALY CONTOURS.
DASHED WHERE POORLY CONTROLLED, AND SMOOTHED
TO AVOID DISCREPANCIES CAUSED BY LOCAL TERRAIN
CONTOUR INTERVAL: 10 MILLIGALS

DEMARCATIION POINT GRAVITY DATA

BY BRUCE A. KOSOSKI, DAVID F. BARNES AND CHARLES F. MAYFIELD
U.S. GEOLOGICAL SURVEY
1976

GRAVITY DATUM FROM: BARNES, D.F., U.S. GEOLOGICAL
SURVEY OPEN FILE REPORTS, 1968 & 1972, ADJUSTED
TO THE 1971 INTERNATIONAL GRAVITY NET (IGSN 71)

SIMPLE BOUGUER ANOMALY
BASED ON A DENSITY OF 2670
KILOGRAMS PER CUBIC METRE
DEMARCATIION POINT ALASKA