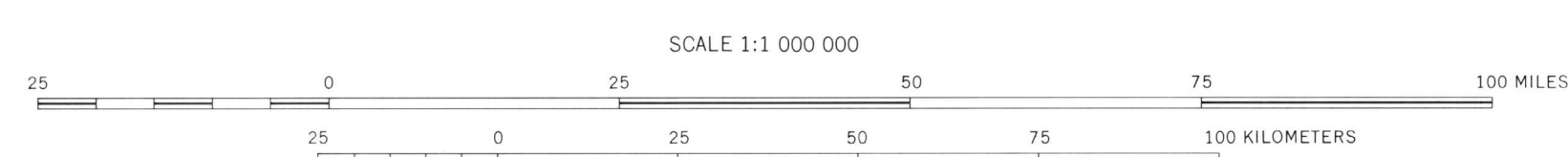


PREPARED IN COOPERATION WITH THE
STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES, DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS

GRAVITY MAP OF THE WESTERN PART OF SOUTHERN ALASKA

BY DAVID F. BARNES

1977



- SIMPLE BOUGUER ANOMALIES**
- CONTOUR INTERVAL IS 10 MILLIGALS, EXCEPT FOR OMISSIONS IN AREAS OF POOR CONTROL
 - DASHED WHERE APPROXIMATELY LOCATED
 - HACHURES SHOW GRAVITY MINIMA
 - 50 MILLIGAL CONTOURS EMPHASIZED
- GRAVITY CONTOURS**
- LOCATION OF U.S. GEOLOGICAL SURVEY GRAVITY MEASUREMENT (LOCATIONS OF SUPPLEMENTARY INDUSTRY MEASUREMENTS NOT SHOWN.)

GRAVITY DATUM FROM IGSN 1971
REDUCTION ELLIPSOID FROM 1967 GEODETIC REFERENCE SYSTEM
REDUCTION DENSITY 2670 KILOGRAMS PER CUBIC METER

BOUNDARY OF SOUTHERN ALASKA REGIONAL MINERAL RESOURCE ASSESSMENT PROGRAM (RAMRAP) AS USED IN THIS STUDY

