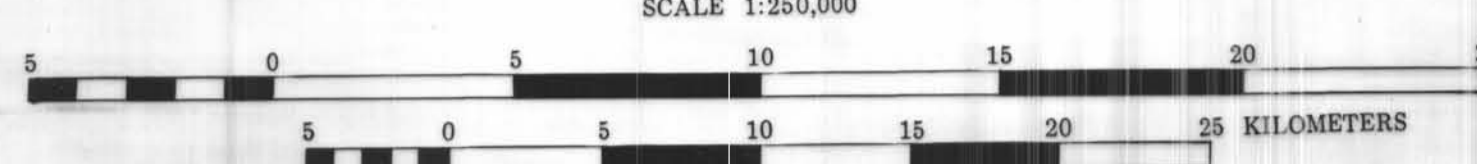
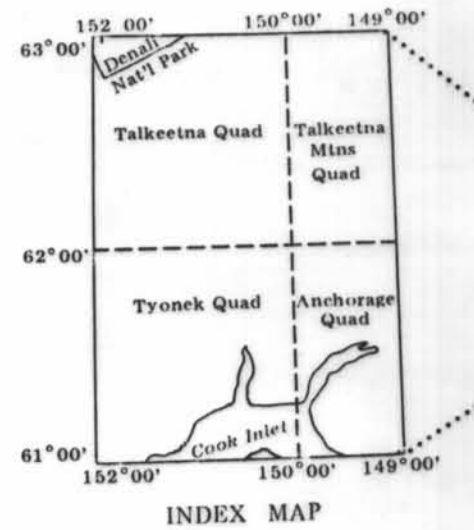


unsurveyed area

unsurveyed area

Base from U.S. Geological Survey, Anchorage Quadrangle, Alaska (1962, rev. 1979); Talkeetna Quadrangle, Alaska (1958, rev. 1967); Talkeetna Mountains Quadrangle, Alaska (1954, rev. 1977); Tyonek Quadrangle, Alaska (1958, rev. 1974)

This is a preliminary publication of the Alaska Division of Geological and Geophysical Surveys and as such has not received final editing and review. The author will appreciate candid comments on the accuracy of the data, and welcome suggestions that will improve the report.



DATUM IS MEAN SEA LEVEL (TALKEETNA, TALKEETNA MTS QUADRANGLES); MEAN LOWER LOW WATER (TYONEK, ANCHORAGE QUADRANGLES)

# SIMPLE BOUGUER GRAVITY MAP OF THE SUSITNA LOWLAND

From Hackett (1977)  
1982

Hackett, S.W., 1977. Gravity survey of Beluga basin and adjacent area, Cook Inlet region, south-central Alaska. Alaska Division of Geological & Geophysical Surveys, Geologic Report 49, plate 1.

**EXPLANATION**

- GRAVITY CONTOUR
- Contour interval 10 milligals
- Contour interval 5 milligals
- Approximate location
- Area of low gravity

Gravity station data from:  
USGS, D.T. Barnes, 1964  
DGGS-University of Alaska, Fairbanks; S.W. Hackett and Jaegen Kienle, 1974  
A density of 2.67 g/cm<sup>3</sup> was assumed in reducing the data to simple Bouguer anomaly values.  
All data reduced with 1967 International Gravity formula (International Ellipsoid).