



GRAVITY CONTOURS

Dashed where approximately located. Contour interval 5 milligals. Hachured contours indicate areas of low gravity closure.

GRAVITY STATION by K. L. Cook and others (1964)

GRAVITY STATION by D. R. Mabey in J. H. Feth and others (1966)

GRAVITY STATION by D. L. Peterson, 1973

A density of 2.67 grams per cubic centimeter was assumed in reducing the data to the Bouguer anomaly. Terrain corrections were made by the Coast and Geodetic Survey system (Swick, 1942, p. 67-68) for stations located in or adjacent to the mountain ranges. Observed gravity was referenced to the North American gravity control network at Salt Lake City, Utah (Behrendt and Woollard, 1961)

REFERENCES CITED

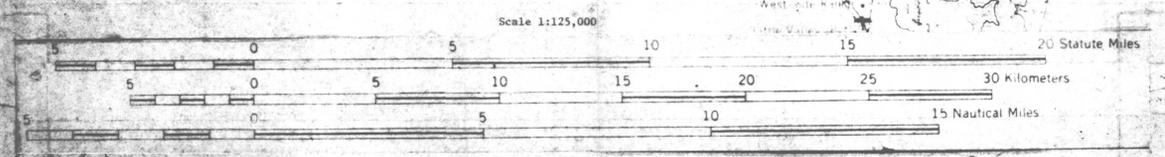
Behrendt, J. C., and Woollard, G. P., 1961, An evaluation of the gravity control network in North America: *Geophysics*, v. 26, no. 1, p. 65.

Cook, K. L., Halverson, M. O., Stepp, J. C., and Berg, J. M., Jr., 1964, Regional gravity survey of the northern Great Salt Lake Desert and adjacent areas in Utah, Nevada, and Idaho: *Geol. Soc. America Bull.*, v. 75, no. 8, p. 715-740.

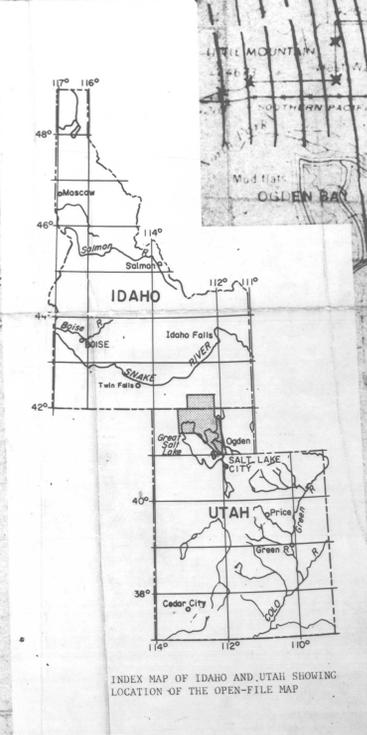
Feth, J. H., Barker, D. A., Moore, L. G., Brown, R. J., and Veirs, C. E., 1966, Lake Bonneville: geology and hydrology of the Weber Delta district, including Ogden, Utah: *U.S. Geol. Survey Prof. Paper 518*, 76 p.

Swick, C. H., 1942, Pendulum gravity measurements and isostatic reductions: *Coast and Geodetic Survey Spec. Pub. 232*, 82 p.

G R E A T  
S A L T



**BOUGUER GRAVITY MAP OF PARTS OF CASSIA AND ONEIDA COUNTIES, IDAHO AND BOX ELDER, DAVIS, AND WEBER COUNTIES, UTAH**  
By  
Donald L. Peterson  
1973



INDEX MAP OF IDAHO AND UTAH SHOWING LOCATION OF THE OPEN-FILE MAP

