

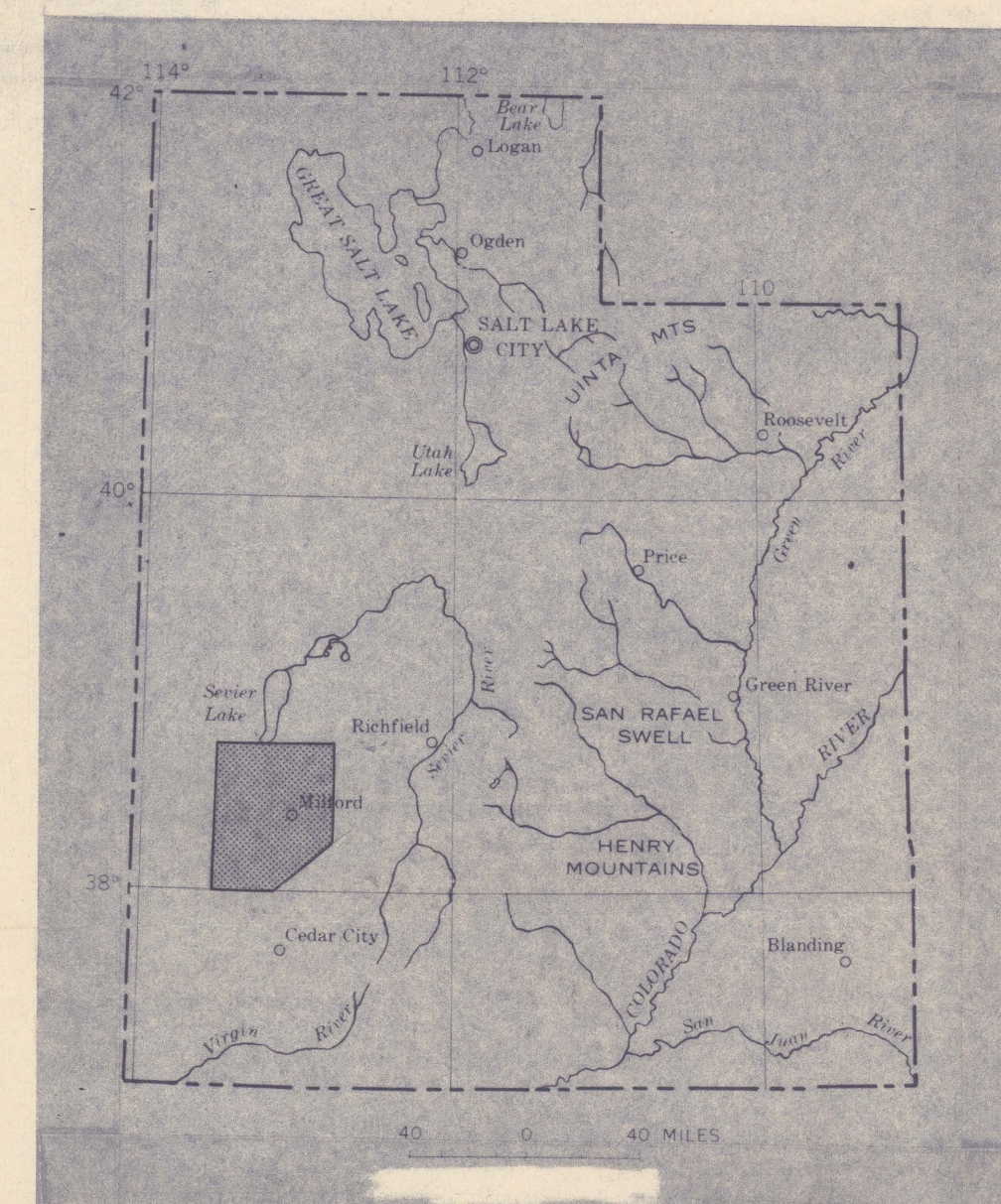
A density of **2.67 g/cc** was assumed in reducing the data to the complete Bouguer anomaly. Terrain corrections were made to a distance of 11.7 miles by the Coast and Geodetic Survey system (Swick, 1942) for all stations where local relief was large and for selected stations where local relief was small. A contour map of terrain effect was used to interpolate the corrections for the remaining stations. Observed gravity was referenced to the North American gravity control network at Salt Lake City, Utah, (Behrendt and Woollard, 1961), and Ely, Nevada, (Woollard, 1958).

#### 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.  
Swick, C. H., 1942, Pendulum gravity measurements and isostatic reductions: U.S. Coast and Geodetic Survey Spec. Pub. 232, 82 p.  
Woollard, G. P., 1958, Results of a gravity control network at airports in the United States: *Geophysics*, v. 23, p. 520-535.

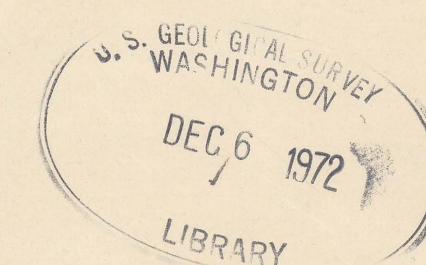
COMPLETE BOUGUER GRAVITY ANOMALY MAP OF PARTS OF BEAVER, IRON, AND MILLARD COUNTIES, SOUTHWESTERN UTAH

By  
DONALD L. PETERSON  
1972



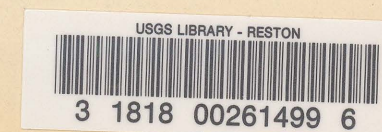
INDEX MAP OF UTAH SHOWING LOCATION OF THIS OPEN-FILE MAP.

This map is preliminary and has not been edited or reviewed for conformity to Geological Survey standards.



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Utah (Beaver, Iron, and Millard Cos.). Gravity. 1:250,000. 1972.  
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