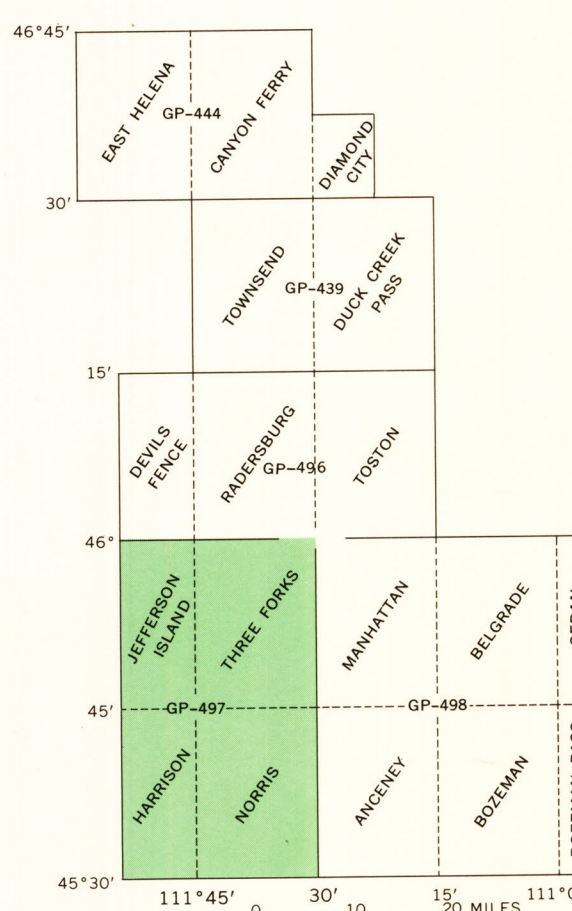


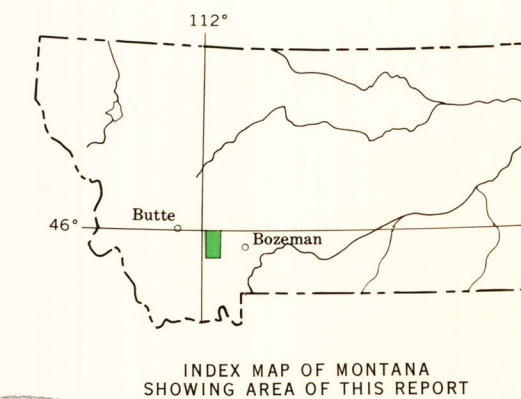


EXPLANATION

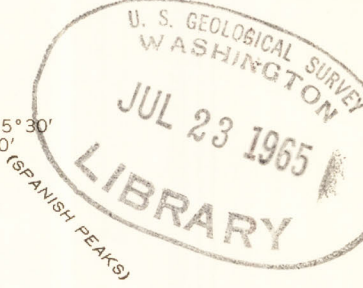
- Gb
- Basin deposits
- TKI
- Intrusive rocks
- May include some rocks of Precambrian age
- Kv
- Kvi
- Elkhorn Mountains Volcanics
- Kv, underlying pyroclastic rocks
- Kv, associated fine-grained intrusive rocks
- KpCs
- Sedimentary rocks
- pCm
- Metamorphic rocks
- Contact, approximately located
- Fault, approximately located
- Thrust fault, approximately located
- Switch to upper plate
- 145
- Gravity contour
- Dashed where approximately located
- Contour interval 5 milligals
- 160
- Gravity contour enclosing area of low gravity
- Gravity station



INDEX SHOWING GEOPHYSICAL INVESTIGATIONS SERIES MAPS AND TOPOGRAPHIC QUADRANGLE MAPS

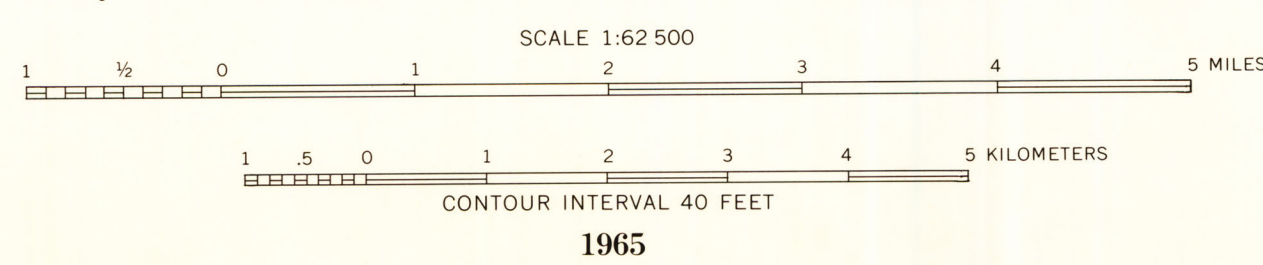


INDEX MAP OF MONTANA SHOWING AREA OF THIS REPORT



BOUGUER GRAVITY, AEROMAGNETIC, AND GENERALIZED GEOLOGIC MAP OF THE WESTERN PART OF THE
THREE FORKS BASIN, JEFFERSON, BROADWATER, MADISON, AND GALLATIN COUNTIES, MONTANA

Gravity and Geologic Map
By W. E. Davis, W. T. Kinoshita, and G. D. Robinson



Gravity survey by W. T. Kinoshita, J. E. Carlson, H. L. Baldwin and W. E. Davis, 1960-63.
Geology generalized from maps and reports by Peale (1896), Lansley, Schaffer, and Hart (1933), Berry (1943), Ross, Andrews, and Wilkins (1955), Robinson (1961) and 1963, and from unpublished data by M. R. Klepper.

Montana (Three Forks basin)
sheet 1
Exp. 2.



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GP 497
Sheet 1
p. 2