



EXPLANATION

—36— Bouguer gravity contour.
Contour interval 2.0 milligals

Geologic boundary Middle Precambrian X with Jacobsville SS

Geologic boundary

Hatched area underlain by lower Precambrian (W) rocks. Unhatched area underlain by middle Precambrian (X) rocks

Location of gravity measurement

Gravity reduced to sea level datum; 2.67 rock density used in Bouguer reduction; 1967 International Gravity Formula used for theoretical gravity. All stations tied to the 1971 WORLD RELATIVE GRAVITY REFERENCE NETWORK

SOURCES OF DATA

1953: L. O. Bacon, Michigan Technological University

1972- J. Klasner & W. F. Cannon, U.S. Geological Survey

1973: T. R. Turner, Michigan Technological University

1974: R. F. Bacon, Michigan Technological University

1975: E. J. Andrews, Bowling Green State University

1977: J.S. Klasner & others, U.S. Geological Survey

Data obtained through Defense Mapping Agency Gravity Division-St. Louis, Missouri