

GEOPHYSICAL INVESTIGATIONS

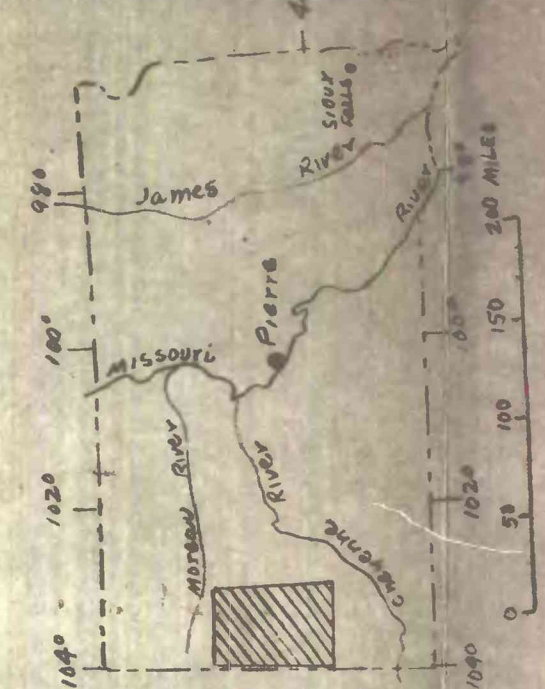
DEPARTMENT OF THE INTERIOR  
UNITED STATES GEOLOGICAL SURVEY

EXPLANATION

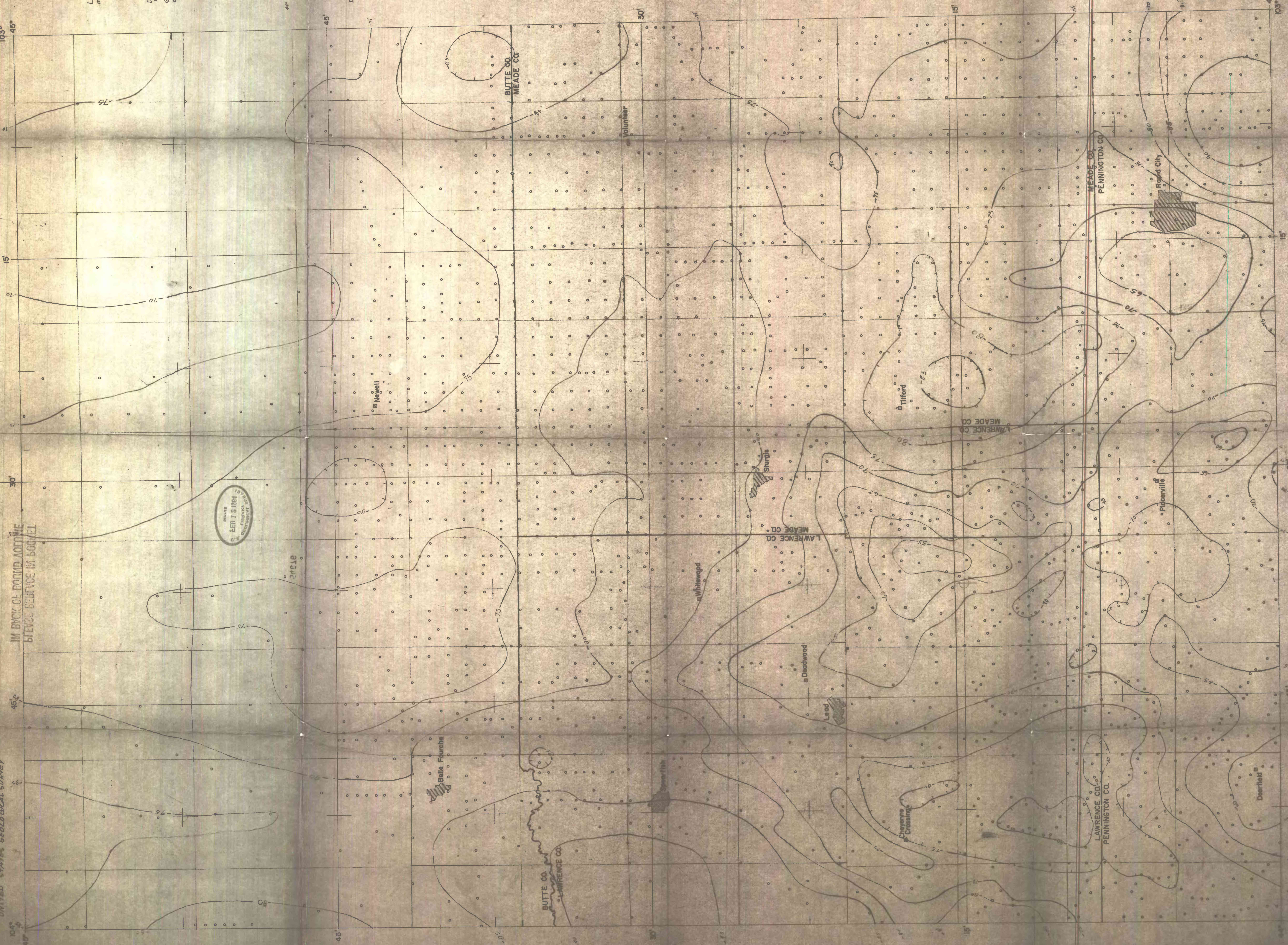
Lines of equal Bouguer anomaly in  
milligals

Gravimetry Station

NOTE  
Density used in Bouguer correction  
is 2.65 g per cm<sup>3</sup>  
Gravity data are referred to  
an arbitrary datum



INDEX MAP OF SOUTH DAKOTA SHOWING  
LOCATION OF THIS SURVEY



SIMPLE BOUGUER GRAVITY MAP OF THE NORTHERN PART OF THE  
BLACK HILLS, SOUTH DAKOTA

Scale 1:112,500  
Contours interval 5 milligals

U.S. GEOLOGICAL SURVEY  
LIBRARY  
FEB 5 1984  
BOSTON

This map is preliminary  
and has not been  
revised for  
completeness  
of the survey