UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PROFESSIONAL PAPER 316
PLATE 13

GREAT SALT LAKE

EXPLANATION

- Qal — Alluvium and lake deposits, undifferentiated — QUATERNARY
- Ts — Sedimentary rocks, undifferentiated — TERTIARY
- Tv — Volcanic rocks, undifferentiated — TERTIARY
- pTs — Sedimentary rocks — PRE-TERTIARY
- ir — Intrusive rocks and gneisses — PRECAMBRIAN AND TERTIARY

Contact
Dashed where approximately located

Fault
Dashed where inferred; ball on downthrown side

Thrust fault
Dashed where approximately located or concealed
Saw teeth on side of upper plate

Anticline, showing plunge of axis
Dashed where approximately located

Syncline, showing plunge of axis
Dashed where approximately located

180 — Gravity contour
Dashed where inferred; contour interval 2 milligals
Bouguer anomaly values

Gravity station
Elevation obtained from road intersection

Gravity station
Elevation obtained from bench mark

Gravity station
Terrain correction made

Gravity base station

-225 — Bouguer gravity value in milligals

U. S. Coast and Geodetic Survey pendulum station

SLC 5 — Well

Spring

X — Outcrop

X — Mountain peak

Base map from Utah State general highway county maps

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D C
MR 10205

Gravity survey and compilation by K. L. Cook assisted by J. W. Berg, Jr., E. T. Cannon, D. L. Endsley, and G. H. Turner

Geologic map compiled in 1956 by G. H. Turner and K. L. Cook, largely from ublished