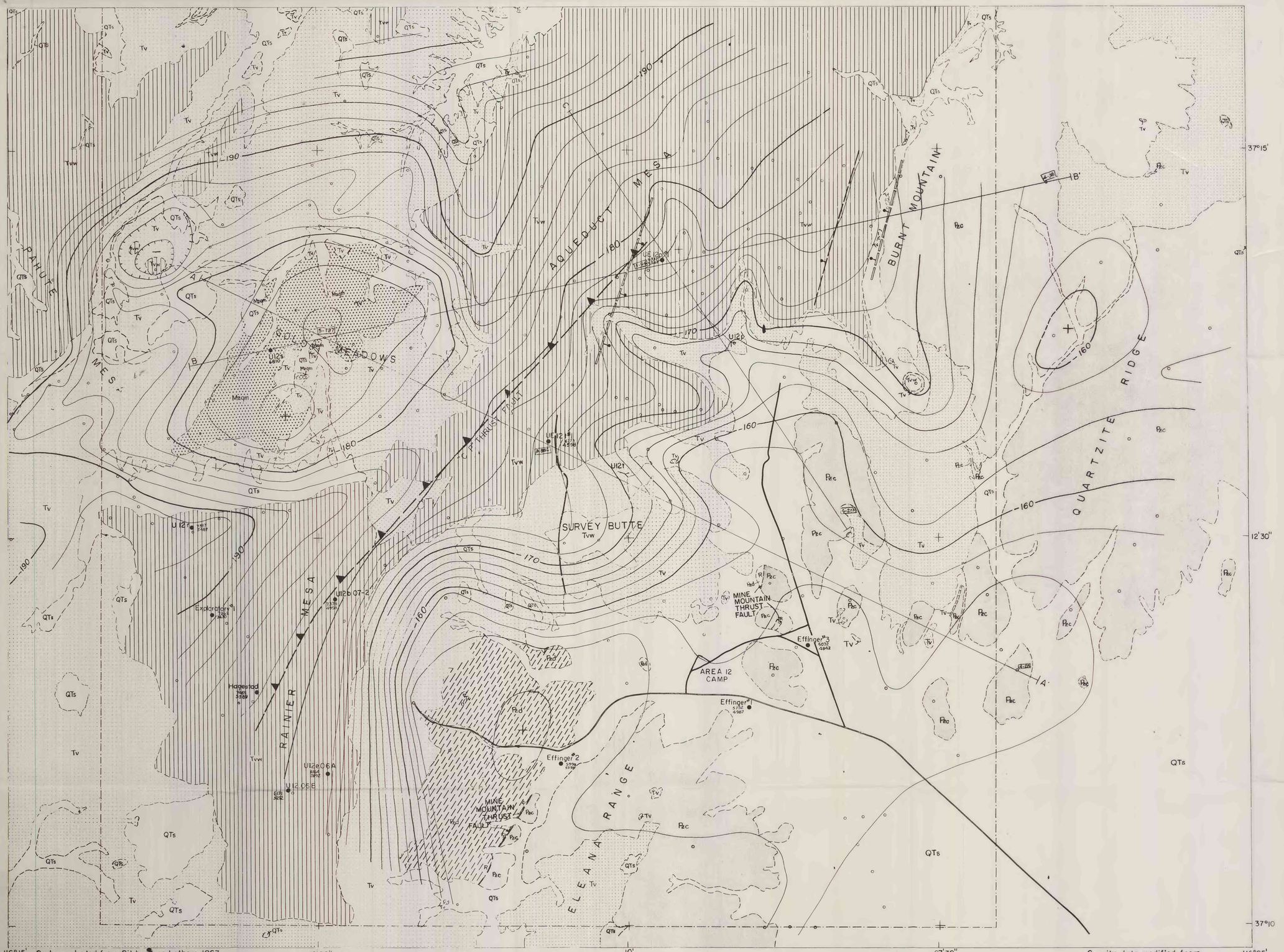

Geology adapted from Gibbons and others, 1963; Barnes, Houser and Poole, 1963; Sargent and others 1966; and Rogers and Noble (in prep.)

Gravity data modified from Healey and Miller, 1963a

0 0.5 1.0 2.0 MILES
0 1000 2000 3000 4000 5000 10 000 FEET

EXPLANATION

QTs — Quaternary and Tertiary surficial deposits

Tvw — Tertiary welded tuff caprock of Rainier and Aquaduct Mesas

Tv — Tertiary volcanic rocks exclusive of welded tuff caprock (Tvw)

Mzqm — Mesozoic quartz monzonite with associated Precambrian quartzite

Pzc — Late Paleozoic clastic rocks, chiefly quartzite and argillite

Pzd — Middle Paleozoic dolomite and dolomitic limestone

Contact
Dashed where approximately located

Fault
Dashed where approximately located; bar and ball on downthrown side

Reverse Fault
Dashed where approximately located
R, upthrown side

Inferred fault, approximately located
Buried fault inferred from gravity data

Inferred thrust fault, approximately located. Buried CP thrust inferred from geologic data, trace projected to hypothetical plane 5000 feet above sea level. Sawteeth on upper plate

Ue12t 6762 4550 — U12P

Drill hole, tunnel adit; Numbers are surface elevation, and pre-Tertiary surface contact elevation

170

Bouguer gravity contours: Contour interval 2 mgal. Dashed where approximately located. Elevation factor, 0.06 mgal/ft. Terrain correction density 2.45 g/cm³

+ Closed gravity high, − gravity low

Figure 2.--Complete Bouguer gravity map showing the generalized geology of Area 12, Nevada Test Site

This map is preliminary and has not been edited or reviewed for conformity with U. S. Geological Survey standards and nomenclature.