EXPLANATION

CENOZOIC

Pleistocene and Recent

Qvf — Clastic deposits
Mainly Recent alluvium, late Cenozoic lake beds, and moraines

Pleistocene

Qbt — Bishop tuff of Gilbert (1938)

Gerh — Rhyolite
Includes tuffs, flow rocks, and obsidian of Pleistocene and Pliocene(?) ages

Gaba — Basalt and andesite
Include flow rocks and andesite tuffs and breccias of Pleistocene and Pliocene(?) ages

CRETACEOUS

Kgr — Granitoid rocks
Include quartz monzonite, granodiorite, diorite, and granite

PRE-CRETACEOUS

pKmv — Metavolcanic rocks

pKms — Metasedimentary rocks
Include some sedimentary rocks in the White and Inyo Mountains that are essentially unmetamorphosed

pTbr — Pre-Tertiary granitoid, metasedimentary, and metavolcanic rocks

Contact
Dashed where approximately located

Fault based on surface evidence
Dashed where inferred

Fault based on geophysical evidence
Queried where inferred

Gravity contours
Dashed where inferred. Contour interval is 2 milligals; datum is complete Bouguer anomaly plus 1,000 milligals

Gravity low

Gravity station

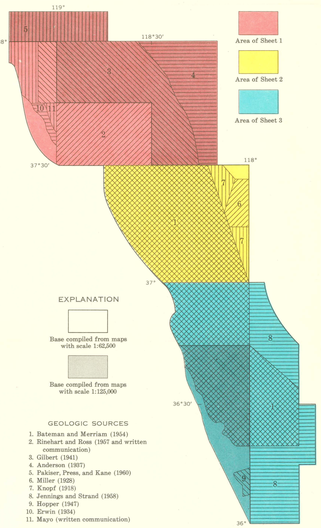
Gravity base station

PROFILE 2
Geophone spread

Shot point

E — E′
Location of gravity profiles shown on figures 6–15

Seismic depth, in feet below surface, from California Institute of Technology



INDEX MAP SHOWING SOURCES OF GEOLOGIC DATA AND ORIGINAL BASE MAP SCALES

Base from U.S. Geological Survey topography quadrangles

COMBINED GRAVITY AND GEOLOGIC MAP OF AREA NORTH OF OWENS VALLEY, CALIFORNIA, SHOWING LOCATION OF SEISMIC PROFILE 6

SCALE 1:96 000

DATUM IS MEAN SEA LEVEL

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