UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BULLETIN 1371-B
PLATE 1

## EXPLANATION

Pleistocene and Holocene — QUATERNARY

**Qs** — Surficial deposits
*Primarily glacial deposits; includes some alluvium*

JURASSIC

**Jgr** — Granitic rocks

JURASSIC OR OLDER

**gb** — Gabbroic rocks

**um** — Ultramafic rocks
*Mostly serpentinite*

### WESTERN PALEOZOIC AND TRIASSIC BELT

MIDDLE AND UPPER PALEOZOIC AND TRIASSIC

**TrPs** | **TrPv** — TrPs, metasedimentary rocks; TrPv, metavolcanic rocks

### CENTRAL METAMORPHIC BELT

DEVONIAN OR OLDER PALEOZOIC

**Pa** — Abrams Mica Schist
*Also includes amphibolite, calcareous schist, and impure marble*

**Ps** — Salmon Hornblende Schist

Contact, approximately located

Fault
*Dashed where approximately located*

Thrust fault
*Dashed where approximately located; sawteeth on upper plate*

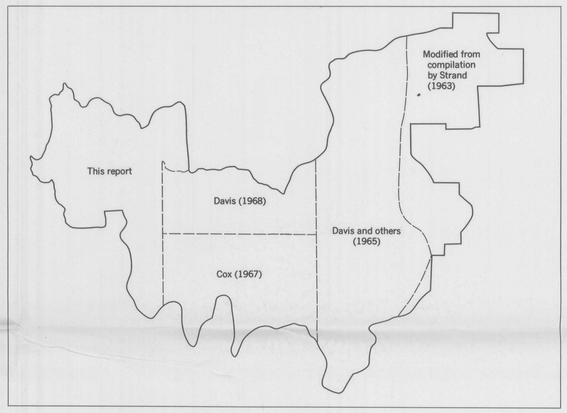
Synform

Overturned synform, antiform

Magnetic contours
*Showing total intensity of earth's magnetic field in gammas, relative to arbitrary datum. Hachured to indicate closed areas of lower magnetic intensity. Contour interval 20 and 100 gammas*

Boundary of Salmon-Trinity Alps Primitive Area

Boundary of study area




INDEX TO GEOLOGIC MAPPING

Base from U.S. Geological Survey, 1:62,500
Bonanza King, Salmon Mtn, Coffee Creek, Etna, China Mtn, and Cecilville, 1955; Trinity Dam, 1950; Ironside Mtn and Helena, 1951

Geology mapped 1963–71

APPROXIMATE MEAN DECLINATION, 1972

# GENERALIZED GEOLOGIC AND MAGNETIC INTENSITY MAP OF THE SALMON-TRINITY ALPS PRIMITIVE AREA, CALIFORNIA

SCALE 1:125 000

2 0 2 4 6 8 10 MILES

2 0 2 4 6 8 10 KILOMETERS