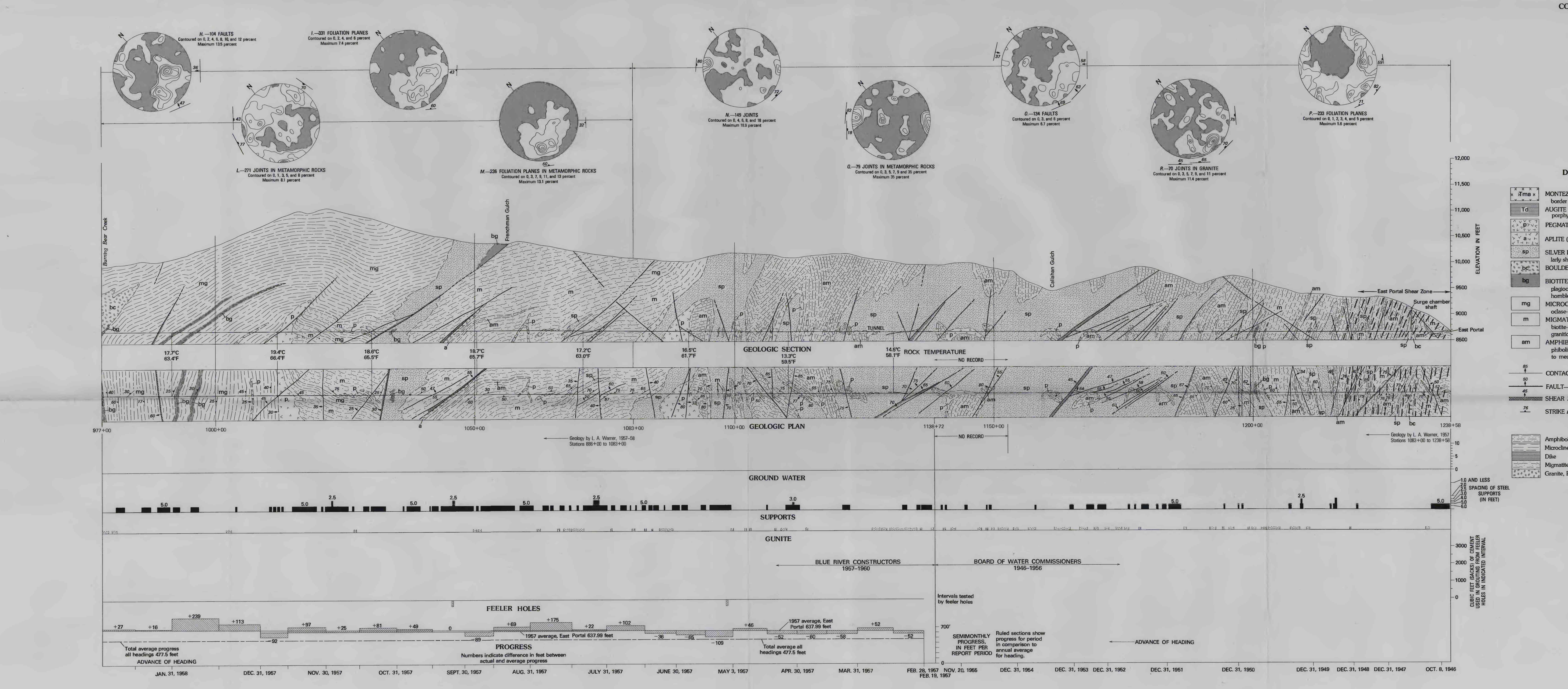
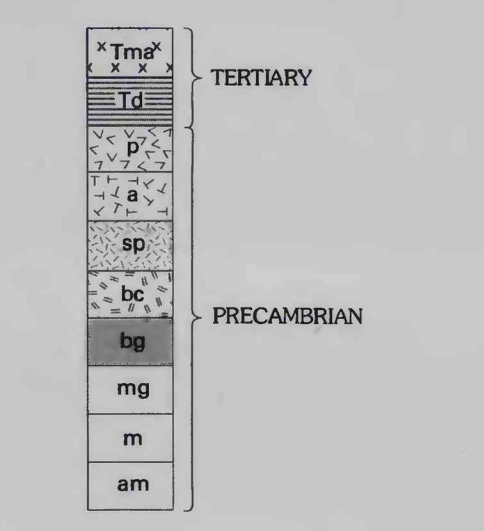


EXPLANATION FOR
STRUCTURES AT TUNNEL LEVEL
Lower hemisphere plots. Contoured in
percent per one percent area.
Shaded areas contain no poles.
Symbols show attitude of planes
corresponding to maxima



CORRELATION OF MAP UNITS



DESCRIPTION OF MAP UNITS

- Tm⁺** MONTEZUMA QUARTZ MONZONITE (TERTIARY)—Fine-grained aplite border lenses and dikes
 - Td** ADGITE DIORITE DIKES (TERTIARY)—Fine-grained to aphanitic and porphyritic
 - P** PEGMATITE (PRECAMBRIAN)
 - sp** SILVER PLUME GRANITE (PRECAMBRIAN)—In dikes, sills, and irregularly shaped plutons
 - bc** BOULDER CREEK GRANITE (PRECAMBRIAN)—Irregularly shaped stock
 - bg** BIOTITE GNEISS AND SCHIST (PRECAMBRIAN)—Biotite-quartz-plagioclase gneiss and schist, biotite-microcline gneiss, and thin layers of hornblende-plagioclase gneiss
 - mg** MICROCLINE GNEISS (PRECAMBRIAN)—Microcline-quartz-plagioclase-biotite gneiss, medium-grained
 - m** MEGMATITE (PRECAMBRIAN)—Microcline-quartz-plagioclase and biotite-quartz-microcline-plagioclase gneiss and schist interlayered with granitic material, fine to medium-grained
 - am** AMPHIBOLITE AND RELATED ROCKS (PRECAMBRIAN)—Amphibolite- and pyroxene-plagioclase gneiss, quartzite, and marble, fine to medium-grained
- CONTACT**—Showing dip. Dashed where approximately located
- FAULT**—Showing dip. Dashed where approximately located
- SHEAR ZONE**—Showing dip
- STRIKE AND DIRECTION OF DIP OF FOLIATION**

- LITHOLOGIC SYMBOLS**
- Amphibolite
 - Microcline gneiss
 - Dike
 - Migmatite
 - Gneiss, Boulder Creek
 - Gneiss
 - Aplite
 - Pegmatite
 - Granite, Silver Plume
 - Quartz monzonite

GEOLOGIC PLANS AND SECTIONS, EQUAL-AREA PLOTS OF STRUCTURAL DATA, AND ENGINEERING DATA FOR THE ROBERTS TUNNEL FROM STATION 690+00 TO EAST PORTAL, PARK COUNTY, COLORADO