

A.—OVERBREAK IN QUARTZ MONZONITE CONTAINING APLITE DIKE SWARM, STATIONS 353+00 TO 354+40

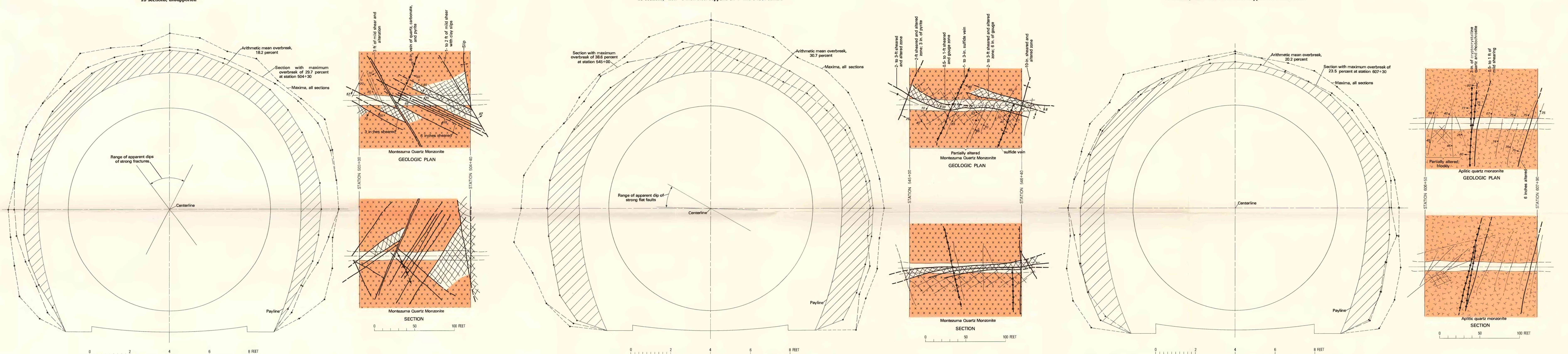
15 sections, unsupported

B.—OVERBREAK IN FRACTURED AND ALTERED QUARTZ MONZONITE, STATIONS 418+00 TO 419+40

15 sections, "new" 6-inch steel supports on 4- and 5-foot centers

C.—OVERBREAK IN BLOCKY QUARTZ MONZONITE, STATIONS 447+00 TO 448+40

15 sections, "old" 6-foot 1-inch steel supports on 5-foot centers



D.—OVERBREAK IN FRACTURED QUARTZ MONZONITE, STATIONS 503+00 TO 504+40

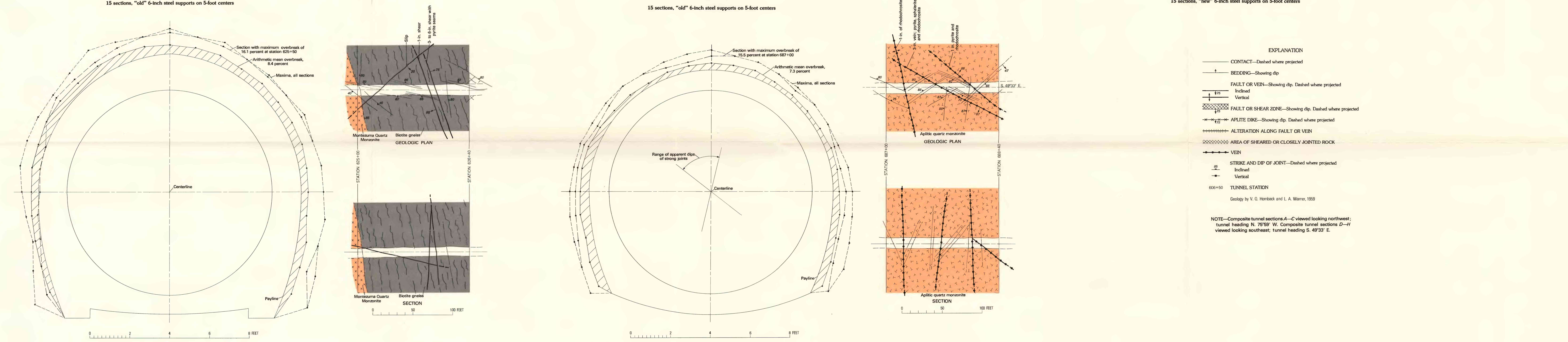
15 sections, "old" 6-inch steel supports on 5-foot centers

E.—OVERBREAK IN HIGHLY JOINTED, FAULTED, AND ALTERED QUARTZ MONZONITE, STATIONS 545+00 TO 546+40

15 sections, "old" 6-inch steel supports on 5-foot centers

F.—OVERBREAK IN APLITE OF MONTEZUMA QUARTZ MONZONITE, STATIONS 606+50 TO 607+90

15 sections, "new" 6-inch steel supports on 5-foot centers



G.—OVERBREAK IN BIOTITE GNEISS, STATIONS 625+00 TO 626+40

15 sections, "new" 6-inch steel supports on 5-foot centers

H.—OVERBREAK IN APLITE OF MONTEZUMA QUARTZ MONZONITE, STATIONS 687+00 TO 688+40

15 sections, unsupported

**EXPLANATION**

- CONTACT—Dashed where projected
- BEDDING—Showing dip
- FAULT OR VEIN—Showing dip. Dashed where projected
- Inclined
- Vertical
- FAULT OR SHEAR ZONE—Showing dip. Dashed where projected
- APLITE DIKE—Showing dip. Dashed where projected
- ALTERATION ALONG FAULT OR VEIN
- AREA OF SHEARED OR CLOSELY JOINTED ROCK
- VEIN
- STRIKE AND DIP OF JOINT—Dashed where projected
- Inclined
- Vertical
- TUNNEL STATION

Geology by V. G. Hornbeck and L. A. Warren, 1959

NOTE—Composite tunnel sections A—C viewed looking northwest; tunnel heading N. 75°59' W. Composite tunnel sections D—H viewed looking southeast; tunnel heading S. 49°33' E.

COMPOSITE TUNNEL SECTIONS AND GEOLOGIC PLANS AND SECTIONS OF SELECTED INTERVALS SHOWING RELATION BETWEEN OVERBREAK AND GEOLOGY IN THE ROBERTS TUNNEL BETWEEN STATIONS 353+00 AND 688+40, SUMMIT AND PARK COUNTIES, COLORADO