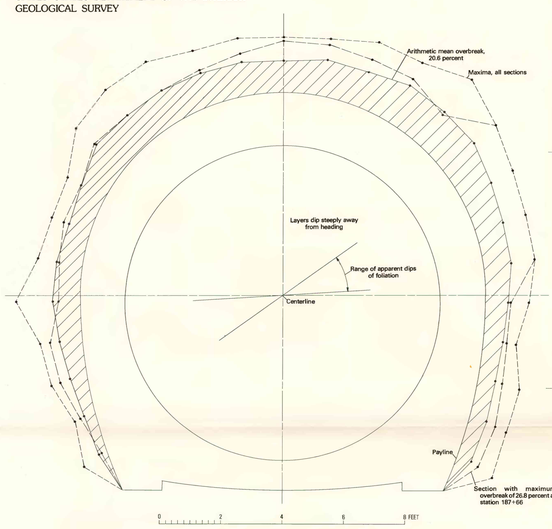
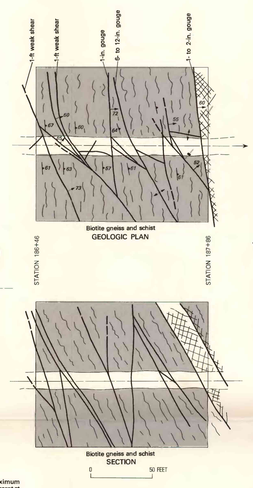
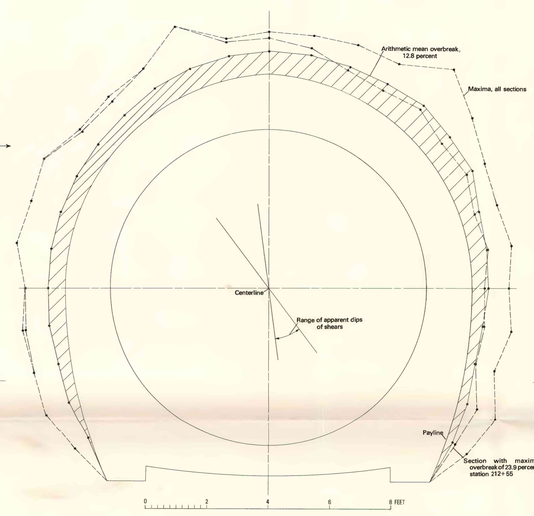
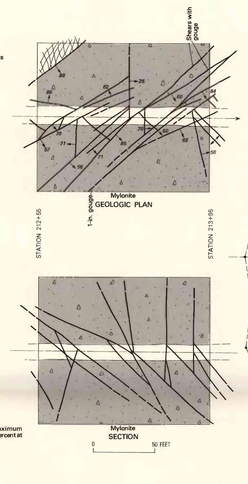




A.—OVERBREAK IN BIOTITE GNEISS AND SCHIST, STATIONS 186+46 TO 187+86

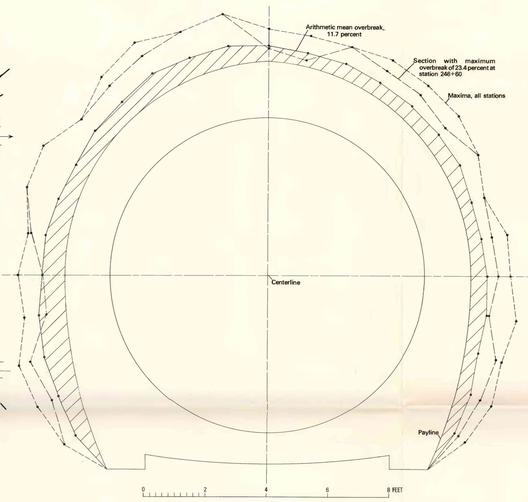
15 sections, "old" 6-inch steel sets on 2- to 4-foot centers

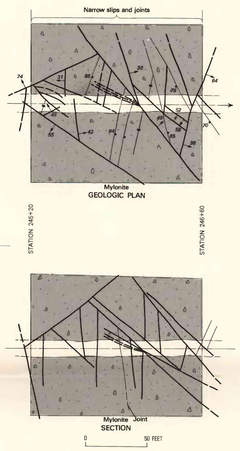




B.—OVERBREAK IN BRITTLE MYLONITE, STATIONS 212+55 TO 213+95

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





C.—OVERBREAK IN BRITTLE QUARTZOSE MYLONITE, STATIONS 245+20 TO 246+60

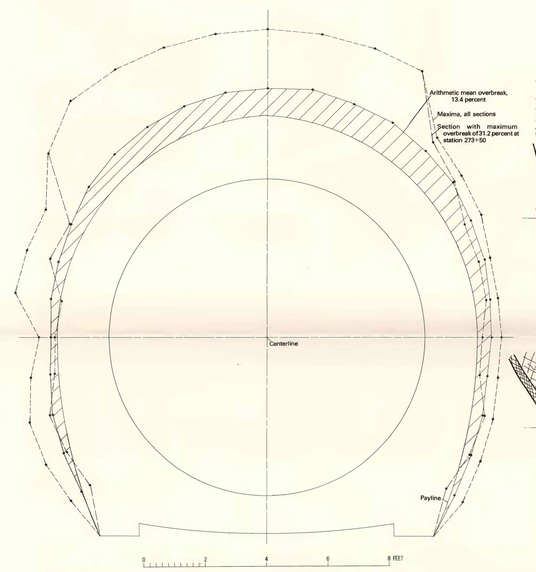
15 sections, "new" 6-inch steel supports on 5-foot centers

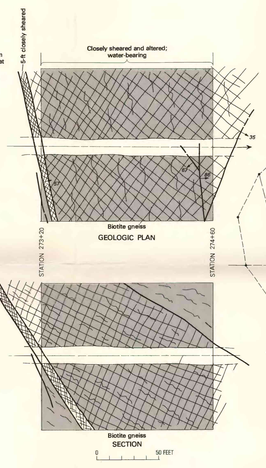
EXPLANATION

- CONTACT—Dashed where projected
- FAULT—Showing dip. Dashed where projected
  - Inclined
  - Vertical
- FAULT ZONE—Showing dip
- SHEARED ZONE
- 24 STRIKE AND DIP OF BEDS
- 57 STRIKE AND DIP OF FOLIATION
- STRIKE AND DIP OF JOINTS—Dashed where projected
  - 65 Inclined
  - Vertical

Geology by V. C. Hornback, 1958

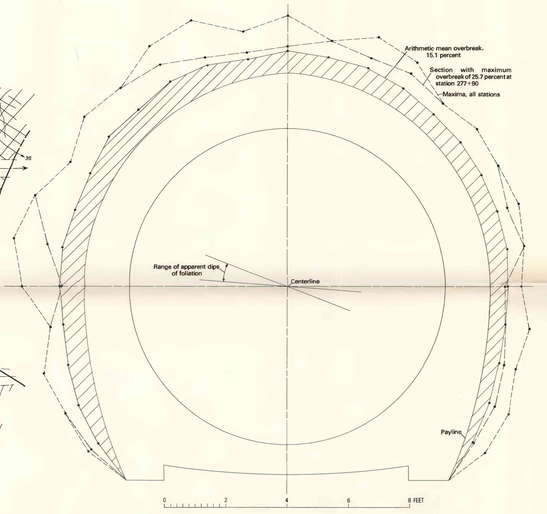
NOTE—Composite tunnel sections *A-E* viewed looking southeast; composite tunnel section *F* viewed looking northwest; tunnel headings S. 85°03' E. Composite tunnel sections *G-I* viewed looking northwest; tunnel headings N. 75°58' W.

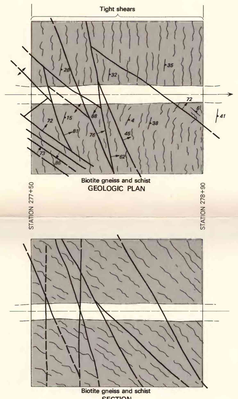




D.—OVERBREAK IN HIGHLY SHEARED AND ALTERED BIOTITE GNEISS, STATIONS 273+20 TO 274+60

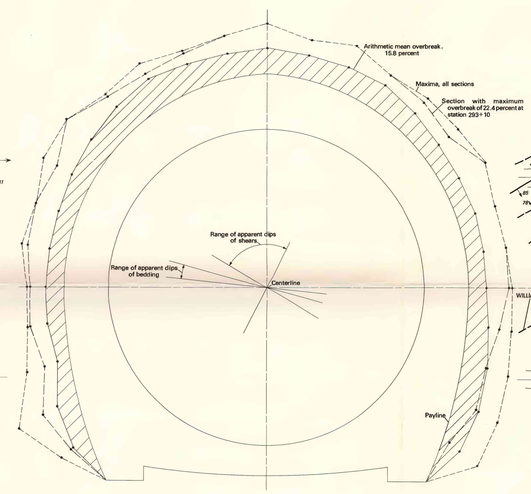
15 sections, 8-inch steel sets on 0.9- to 2.5-foot centers, with struts

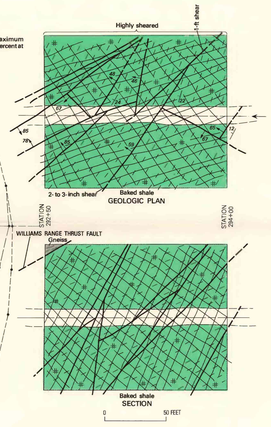




E.—OVERBREAK IN BIOTITE GNEISS AND SCHIST, STATIONS 277+50 TO 278+90

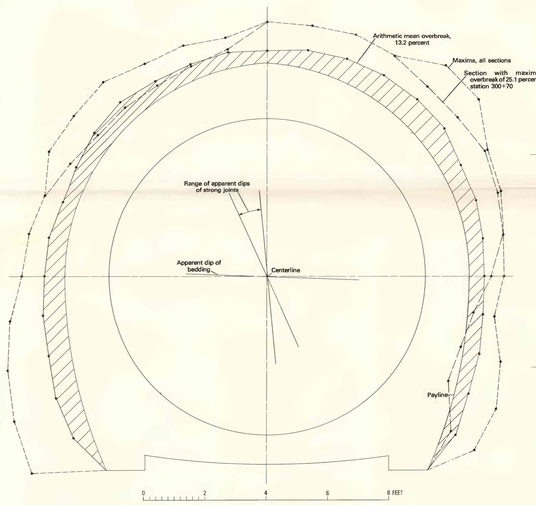
15 sections, "new" 6-inch steel supports on 2.5- and 4-foot centers

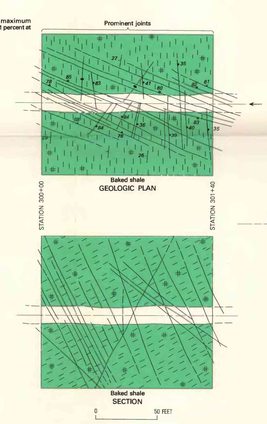




F.—OVERBREAK IN SHATTERED BAKED SHALE BELOW WILLIAMS RANGE THRUST FAULT, STATIONS 292+50 TO 294+00

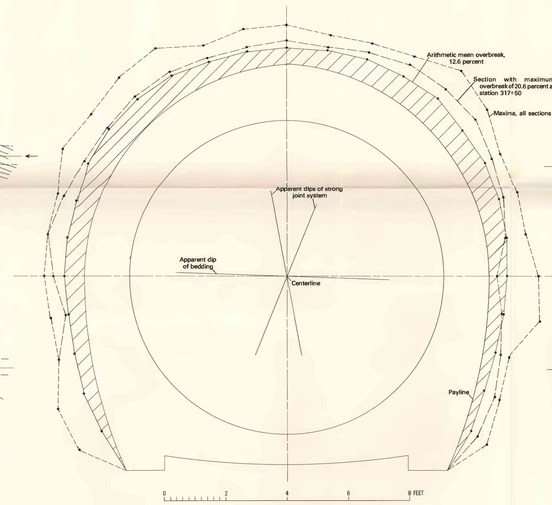
15 sections, "new" 6-inch steel supports on 2.5-foot centers

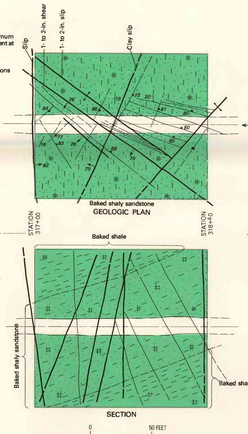




G.—OVERBREAK IN CLOSELY JOINTED BRITTLE BAKED SHALE, STATIONS 300+00 to 301+40

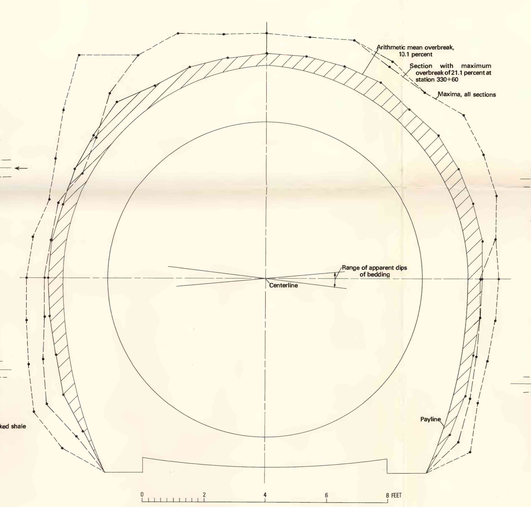
15 sections, "new" 6-inch steel supports on 5-foot centers

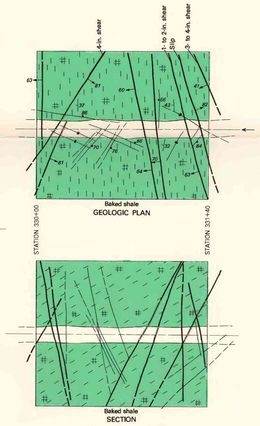




H.—OVERBREAK IN BAKED SHALY SANDSTONE, STATIONS 317+00 TO 318+40

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





I.—OVERBREAK IN BAKED SHALE, STATIONS 330+00 TO 331+40

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

COMPOSITE TUNNEL SECTIONS AND GEOLOGIC PLANS AND SECTIONS OF SELECTED INTERVALS SHOWING RELATION BETWEEN OVERBREAK AND GEOLOGY IN THE ROBERTS TUNNEL BETWEEN STATIONS 186+46 AND 331+40, SUMMIT COUNTY, COLORADO