



EXPLANATION

- PEGMATITE (PRECAMBRIAN)
- BIOTITE GNEISS AND SCHIST (PRECAMBRIAN)—Biotite-quartz-plagioclase gneiss and schist, biotite-microcline gneiss, and thin layers of hornblende-plagioclase gneiss
- MICROCLINE GNEISS (PRECAMBRIAN)—Microcline-quartz-plagioclase-biotite gneiss, medium-grained

ENGINEERING DATA

- CONTACT—Showing dip.
- MAJOR FAULT—Showing dip. Dashed where projected
- SHEAR ZONE
- BLOCKY ROCKS—Due to intersecting fractures
- SHEETED ZONE—Closely spaced parallel joints
- STRIKE AND DIRECTION OF DIP OF FOLIATION
- STRIKE AND DIP OF JOINT

SPACING OF STEEL SUPPORTS—
Numbers indicate distance, in feet, between sets

5	2.5	5	10
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DETAILED GEOLOGIC PLAN AND SECTION AND ENGINEERING DATA, ROBERTS TUNNEL, STATIONS 753+00 TO 769+60, PARK COUNTY, COLORADO