EXPLANATION

TERTIARY

Pliocene(?)

Tri — Intrusive rock, probably Fisher Quartz Latite

Middle or upper Tertiary

Tbc, Tbw — Bachelor Mountain Rhyolite
Tbc, *Campbell Mountain Member*
Tbw, *Willow Creek Member*

Contact, showing dip
Approximately located

Approximate position of Ancestral Amethyst fault showing dip

Mineralized vein or vein zone, showing dip
Dashed where approximately located

KEY MAP

MAP SHOWING RELATIVE POSITIONS OF MINE WORKINGS ON THE AMETHYST AND SOLOMON–HOLY MOSES VEIN ZONES THAT WERE MAPPED GEOLOGICALLY: 1, COMMODORE 5 LEVEL; 2, COMMODORE 3 LEVEL; 3, AMETHYST 5 LEVEL; 4, PALO ALTO LEVEL; 5, OUTLET TUNNEL LEVEL AND 6, HOLY MOSES 2 LEVEL

1000 0 1000 2000 3000 4000 FEET

CONTOUR INTERVAL 400 FEET
DATUM IS MEAN SEA LEVEL

GEOLOGIC MAP OF THE COMMODORE 5 LEVEL, AMETHYST VEIN ZONE, CREEDE DISTRICT, COLORADO

0 200 400 600 FEET

DATUM IS MEAN SEA LEVEL

Base modified from an Emperius Mining Co. map

Geology by T. A. Steven and J. C. Ratté, 1955–60

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