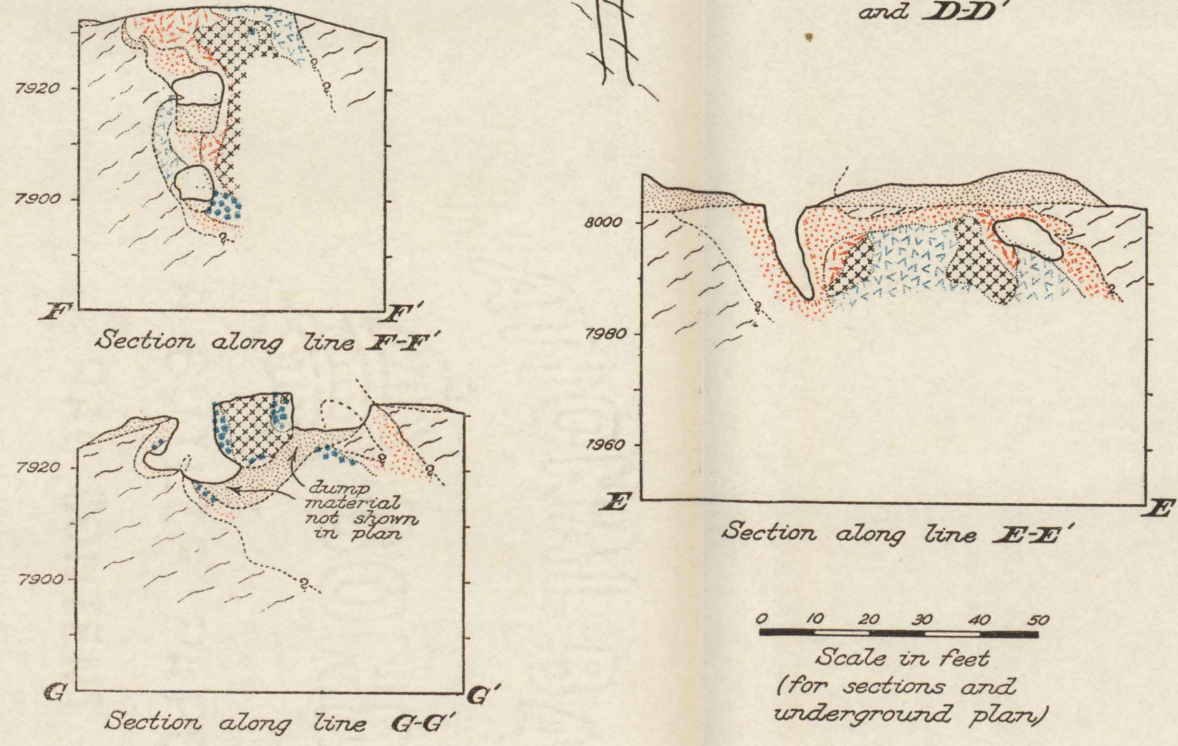




Plan of San Carlos tunnel and main connecting workings showing geology at tunnel level

See plate 19 for sections along lines A-A', B-B', C-C', and D-D'



Mapped by R.H. Johns, W.P. Irwin, and L.A. Wright
11, 12/43 and 5, 6, 11/44

Scale in feet
Contour interval 10 feet
Datum is mean sea level
Altitude of point P estimated from U.S. Forest Service map

EXPLANATION

- Dump material and backfill
- Talus and slope wash
- Alluvium
- Fine- to medium-grained microcline-albite oligoclase-quartz pegmatite, with many partially digested slabs of country rock
- Microcline-quartz pegmatite
- Pegmatite rich in graphic granite
- Bloomy microcline
- Platy micaceous quartzite, with interlayered light gray rhyolite in western part of area (pattern shown in sections and underground plan)
- Strike and dip of foliation, showing trend and pitch of linear element
- Fault, showing dip; dashed where approximate
- Contact, showing dip; dashed where approximate
- Contact between pegmatite units
- Limit of steeping
- Edge of pit or out
- Massive quartz with minor microcline, albite, and mica
- Massive quartz
- Quartz-platy albite pegmatite
- Coarse-grained microcline-albite-quartz-muscovite pegmatite
- Pegmatite rich in partially albiteized graphic granite
- Albite-rich pegmatite
- Mica concentration (shown as overprint on other patterns)
- Geology restored in deep cuts

Geologic map of a part of the Cribbenville area, with plan and sections of the North Cribbenville deposit and sections of the Capitan deposit.