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Plate 7.

EXPLANATION

- Alteration zone
- Mariposa slate
- Mafic and intermediate rocks } Amador group
- Felsic rocks
- Shaft
- Road

HECLA ALTERATION ZONE
NO.5
HINCKLEY
HINCKLEY RUN
TO CAMPO SECO
EAST ALTERATION ZONE
WEST ALTERATION ZONE
NO.4
NO.3
NO.6
MOKELUMNE RIVER
CAMPO SECO FAULT
POND
GALLAGHER
LONE STAR
NO.2
MINE RUN
NO.1
SATELLITE FAULT
JEAN ALTERATION ZONE
BORGER
BORGER ALTERATION ZONE
OREGON GULCH

N 18½° MN

0 500 1000 FEET

Geologic map showing
alteration zones and
principal rock types
PENN MINE
Calaveras County, California

February 1945

Plate 7