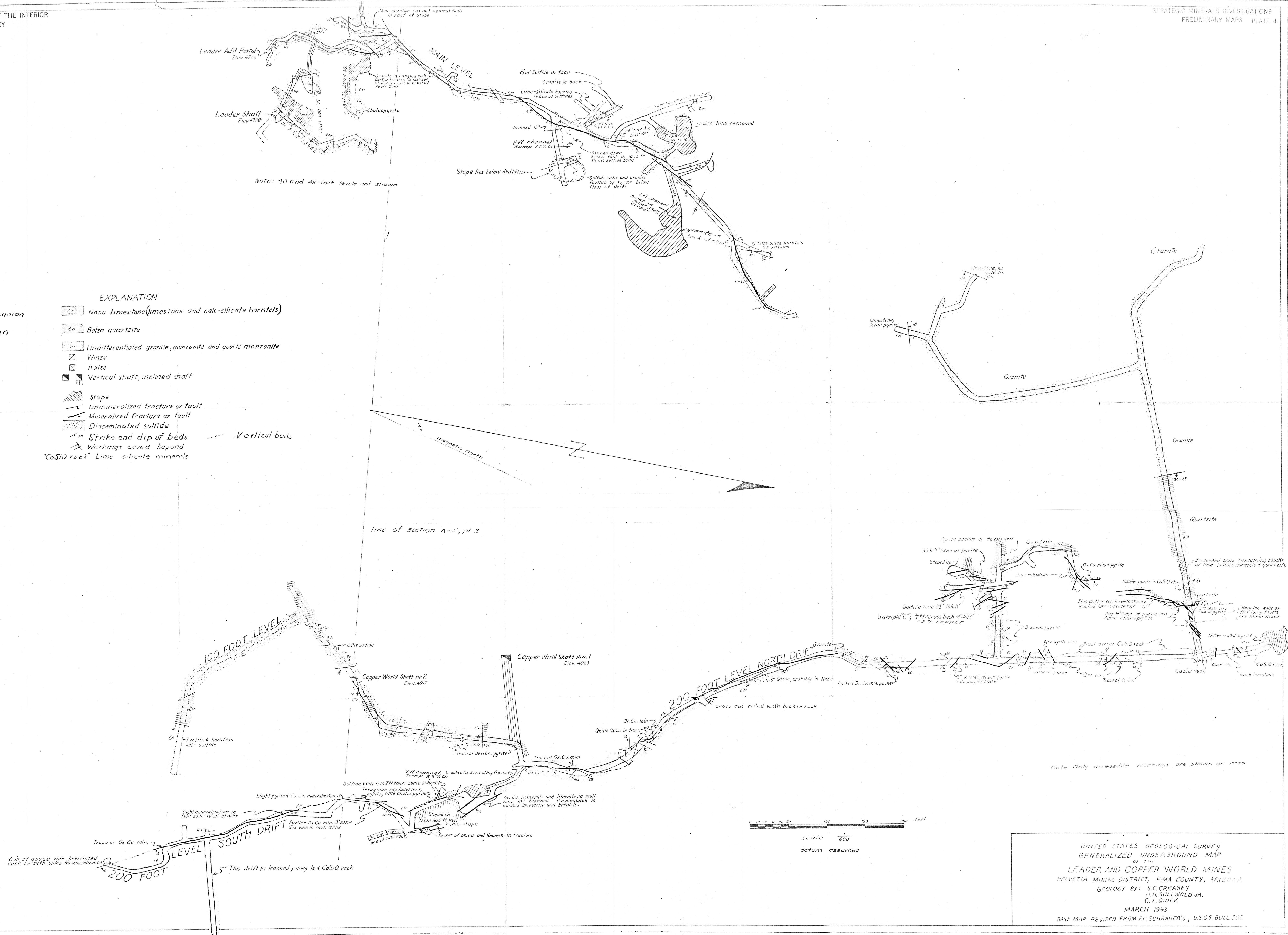


- EXPLANATION
- Naco limestone (limestone and calc-silicate hornfels)
 - Bolsa quartzite
 - Undifferentiated granite, monzonite and quartz monzonite
 - Winze
 - Raise
 - Vertical shaft, inclined shaft
 - Slope
 - Unmineralized fracture or fault
 - Mineralized fracture or fault
 - Disseminated sulfide
 - Strike and dip of beds
 - Workings covered beyond
- CaSiO₃ rock* Lime silicate minerals



ADMMR 0131-001

UNITED STATES GEOLOGICAL SURVEY
GENERALIZED UNDERGROUND MAP
OF THE
LEADER AND COPPER WORLD MINES
HELVETIA MINING DISTRICT, PIMA COUNTY, ARIZONA
GEOLOGY BY: S. C. CREASEY
M. H. SULLWOLD JR.
G. L. QUICK
MARCH 1943
BASE MAP REVISED FROM F. C. SCHRAEDER'S, U.S.G.S. BULL. 172