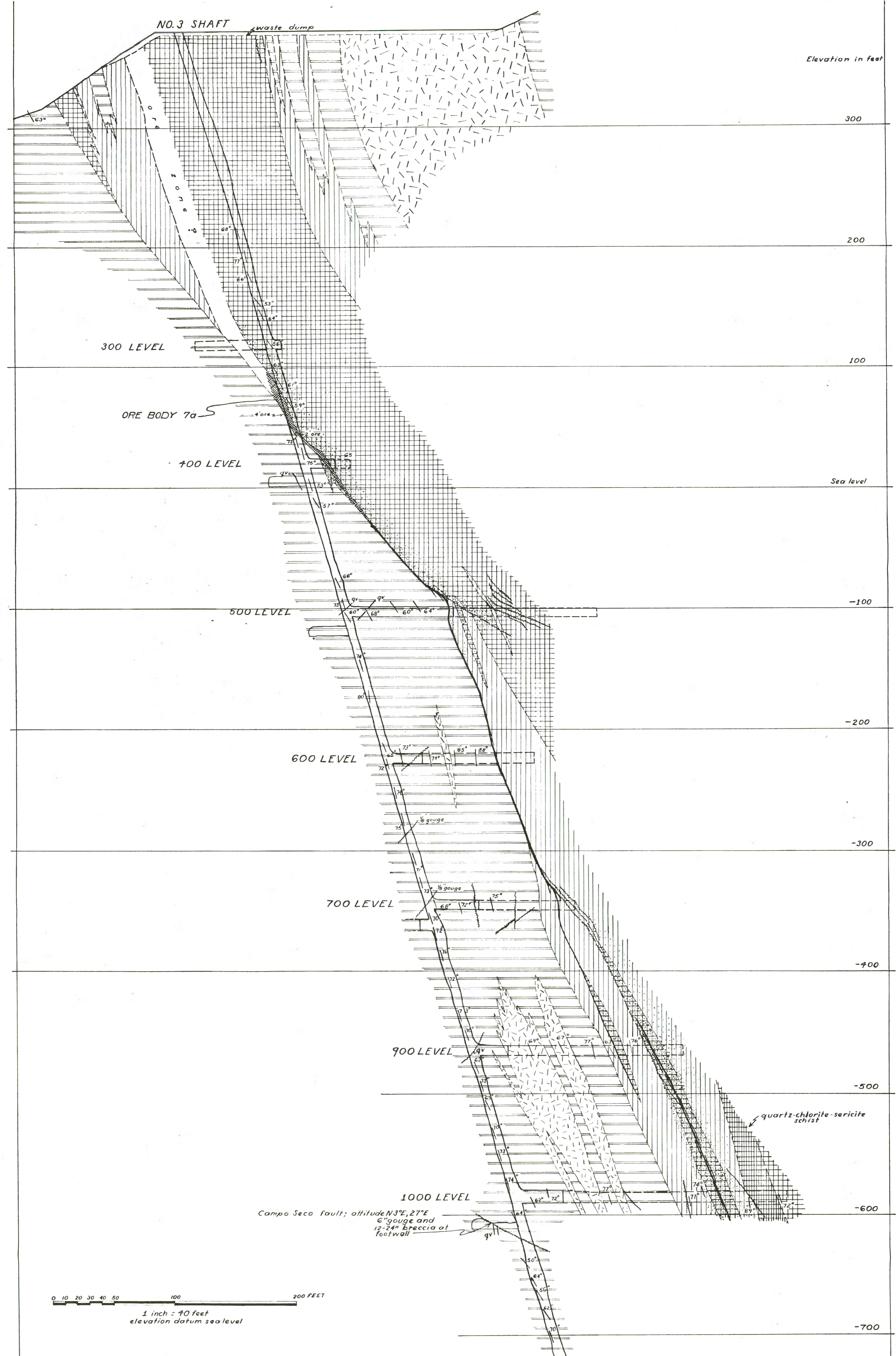


E  
355°W



EXPLANATION

- Massive ore
- Stringers of sulphides, dominantly pyrite
- Disseminated sulphides, dominantly pyrite
- Sericitized schist
- Silicified and sericitized schist
- Greenstone and green schist, undifferentiated
- Quartz porphyry
- Geologic contact
- Fault or fault zone
- Dip of cleavage
- Quartz vein

UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
SECTION E-E'  
ALONG NO. 3 SHAFT  
PENN MINE  
Calaveras County, California

1944-45

Geology in shaft mapped by  
G.R. Heyl, D.G. Wyant and  
M.W. Cox