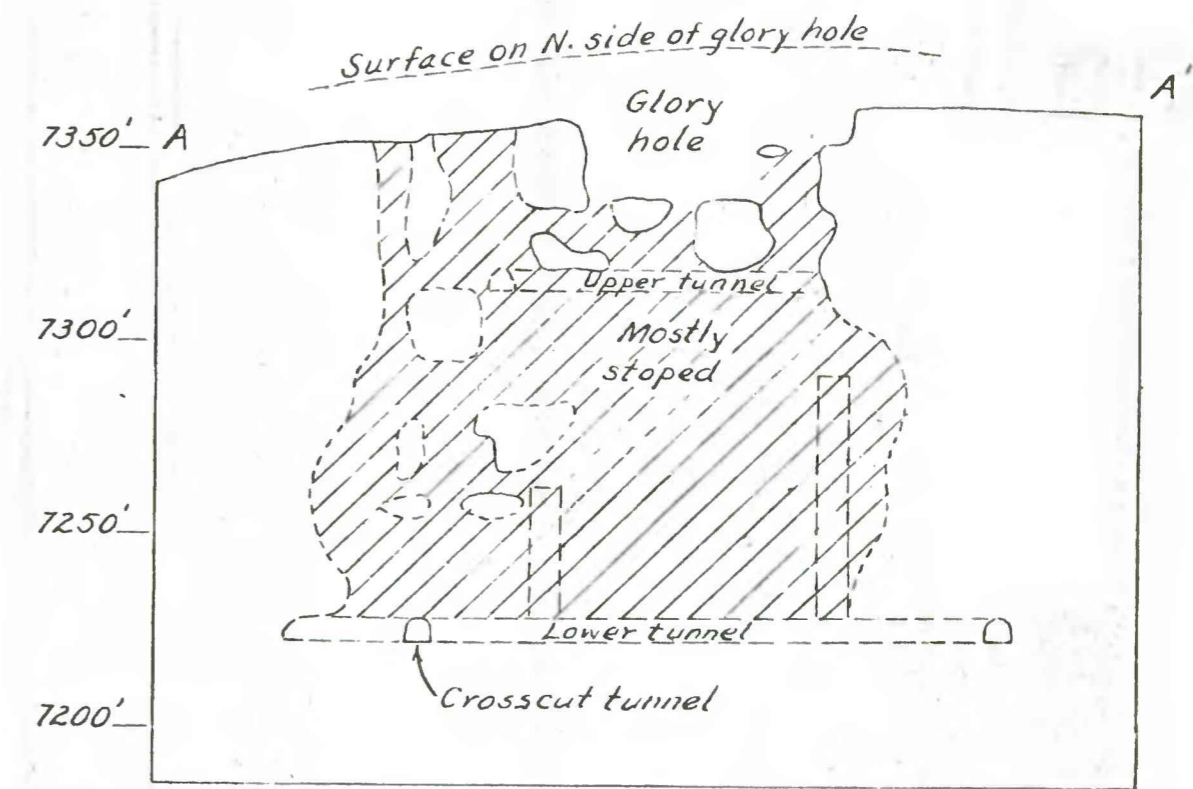
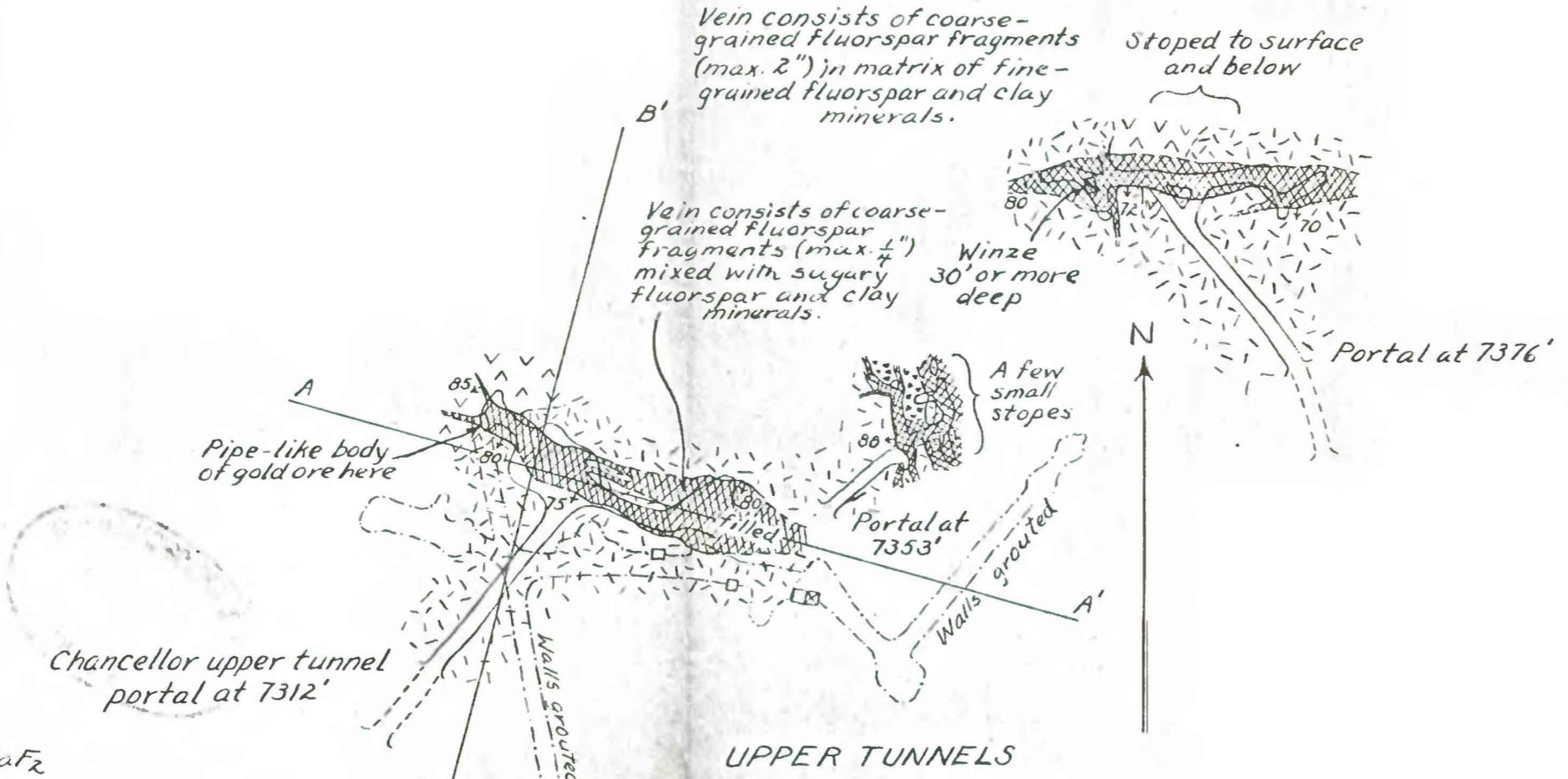


UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

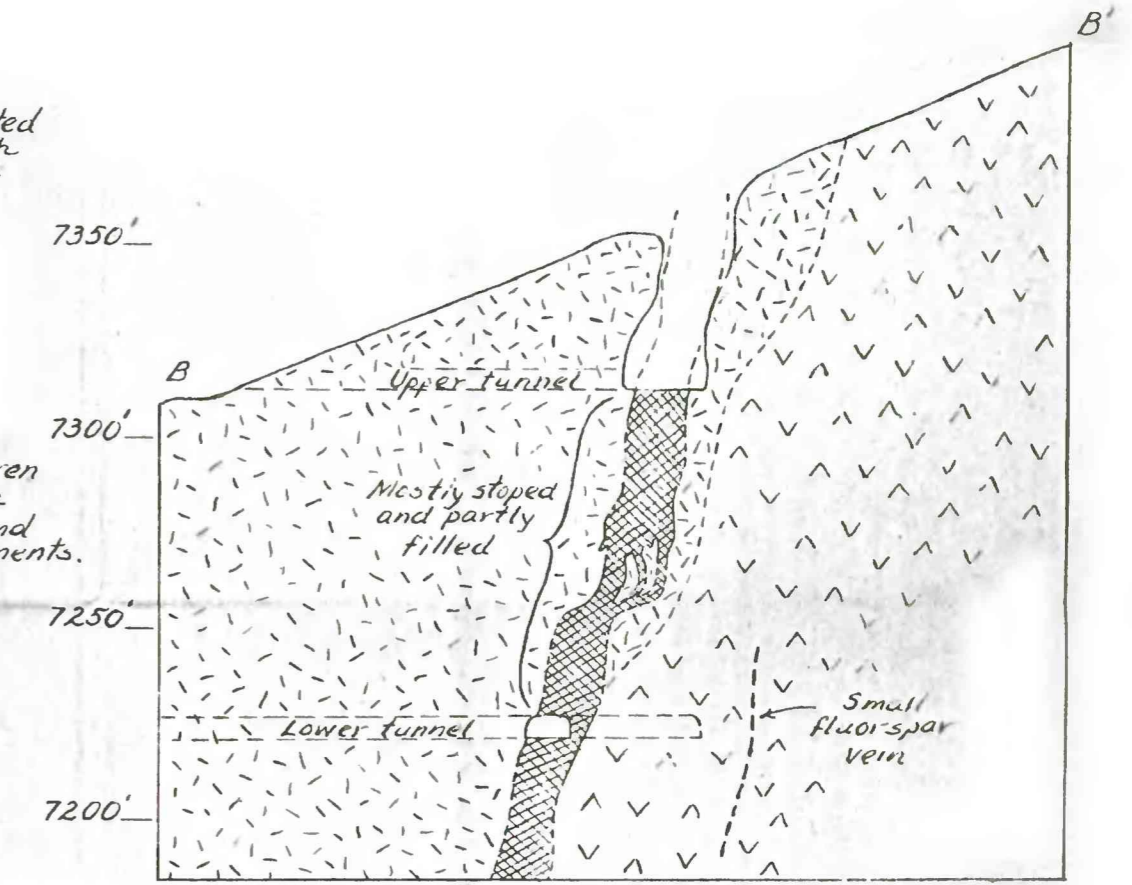
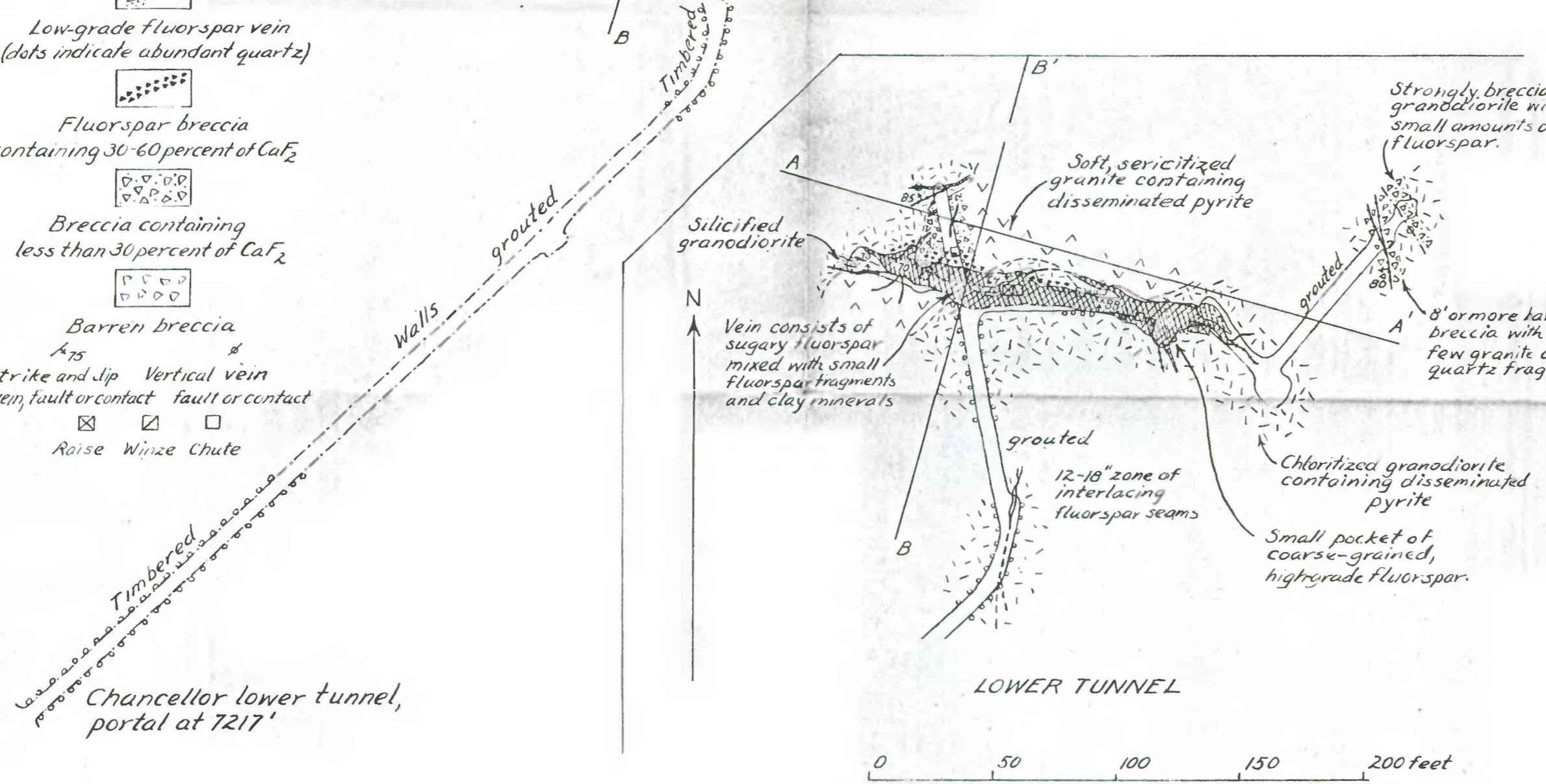
STRATEGIC MINERALS INVESTIGATIONS
PRELIMINARY MAP

EXPLANATION

- Granodiorite (mostly altered)
- Silver Plume granite (largely sericitized)
- Fault
- Pyritic quartz vein
- Fluorspar veins containing 60-90 percent of CaF₂
- Low-grade fluorspar vein (dots indicate abundant quartz)
- Fluorspar breccia containing 30-60 percent of CaF₂
- Breccia containing less than 30 percent of CaF₂
- Barren breccia
- Strike and dip of vein, fault or contact
- Raise Winze Chute



LONGITUDINAL PROJECTION ON SECTION A-A'
SHOWING STOPES



SECTION B-B'
SHOWING APPROXIMATE SHAPE OF VEIN

Geology of upper tunnels by E. N. Goddard, Aug. 1933,
Lower tunnel by E. N. Goddard assisted by James Odell,
July, 1943
Lower tunnel map furnished by General Chemical Co.

PLATE 6.-GEOLOGIC MAPS AND SECTIONS OF THE CHANCELLOR MINE, JAMESTOWN DISTRICT, BOULDER COUNTY, COLORADO.