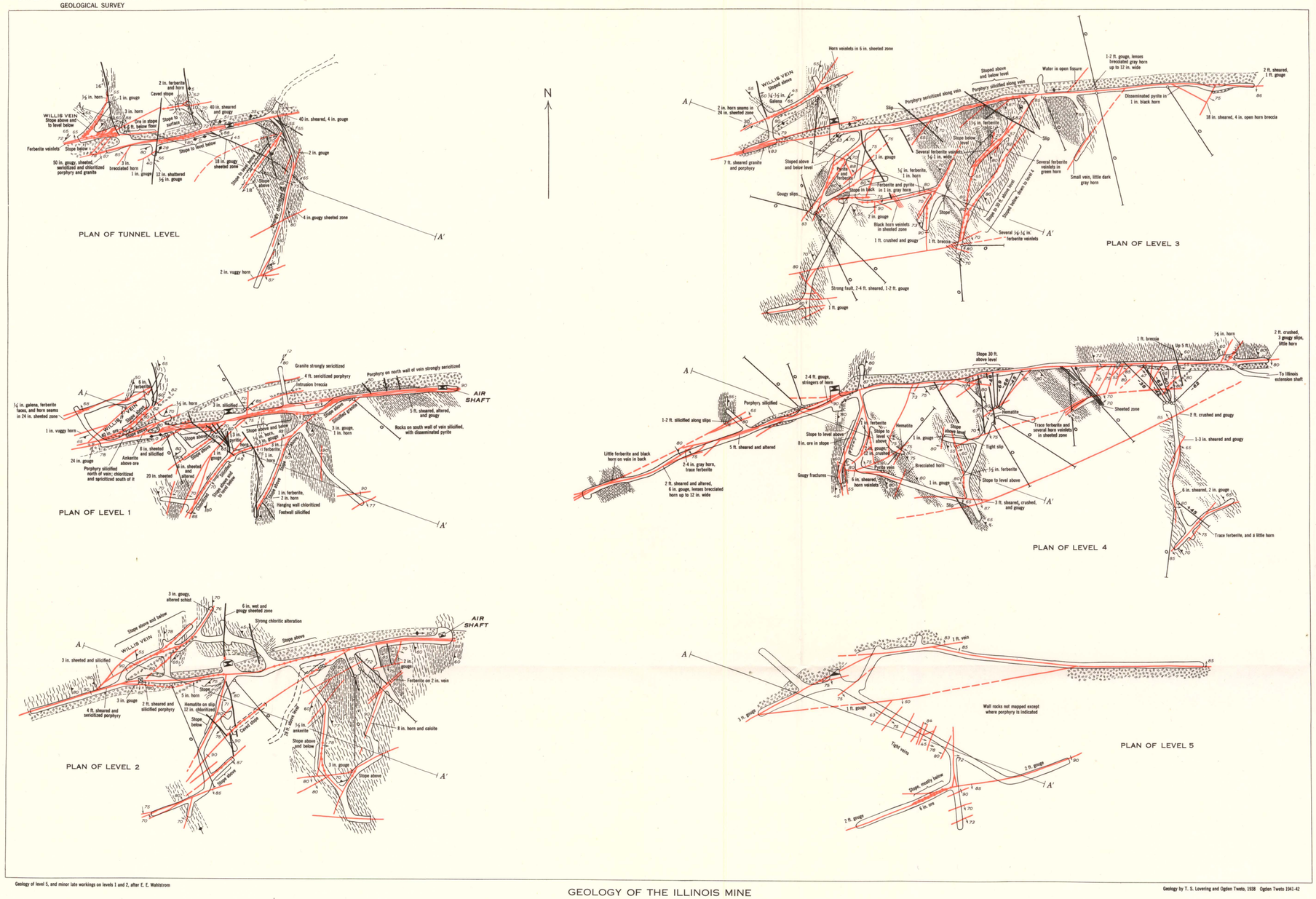
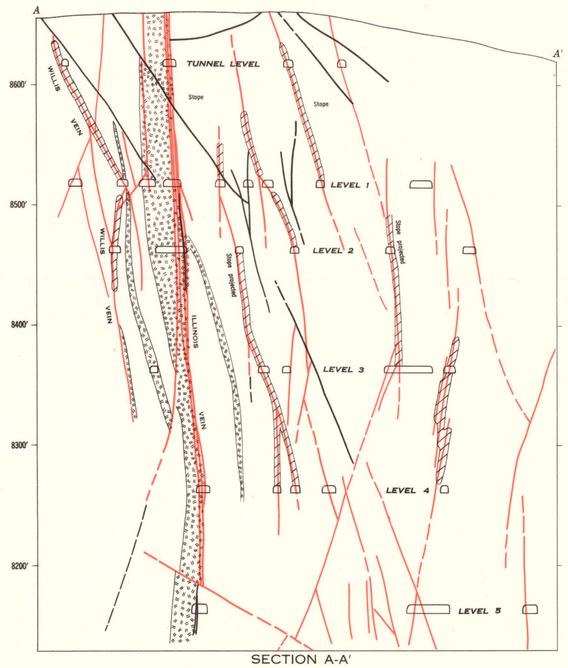


Geology of level 5, and minor late workings on levels 1 and 2, after E. E. Wahlstrom

Geology by T. S. Lovering and Ogden Tweto, 1938 Ogden Tweto 1941-42

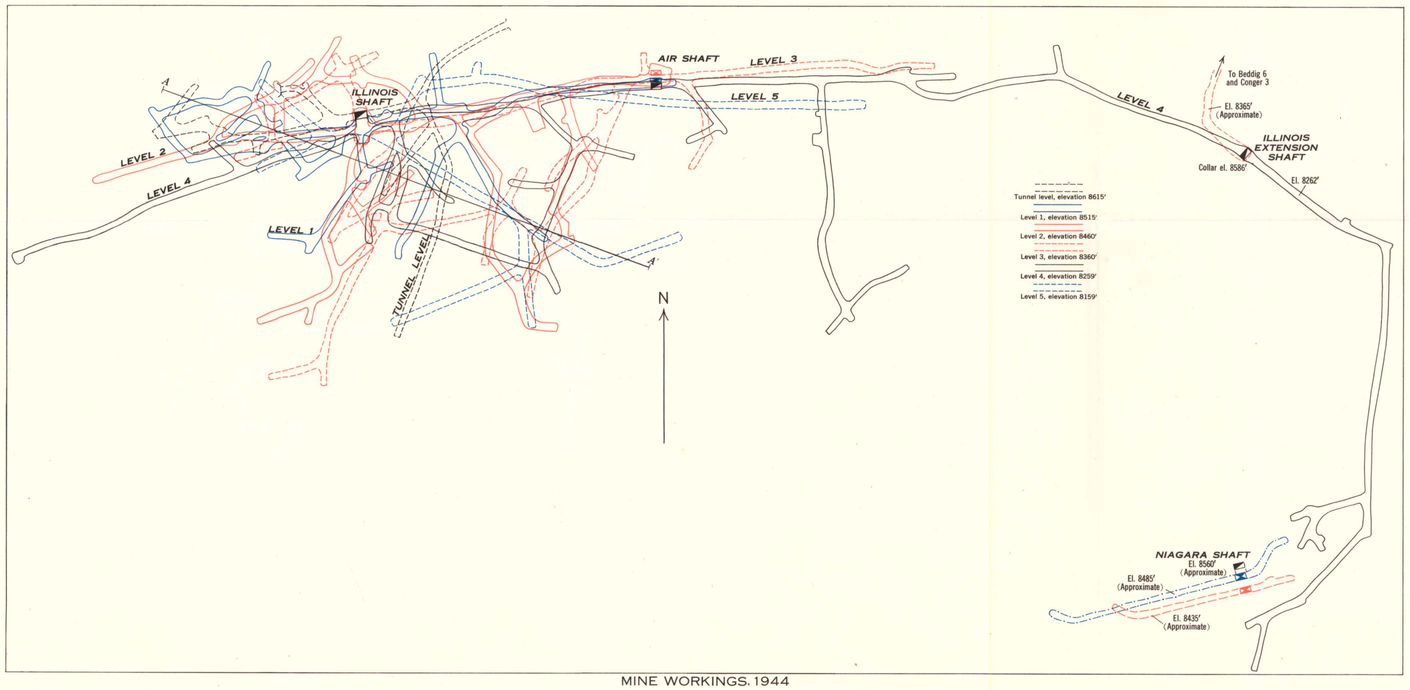
GEOLOGY OF THE ILLINOIS MINE



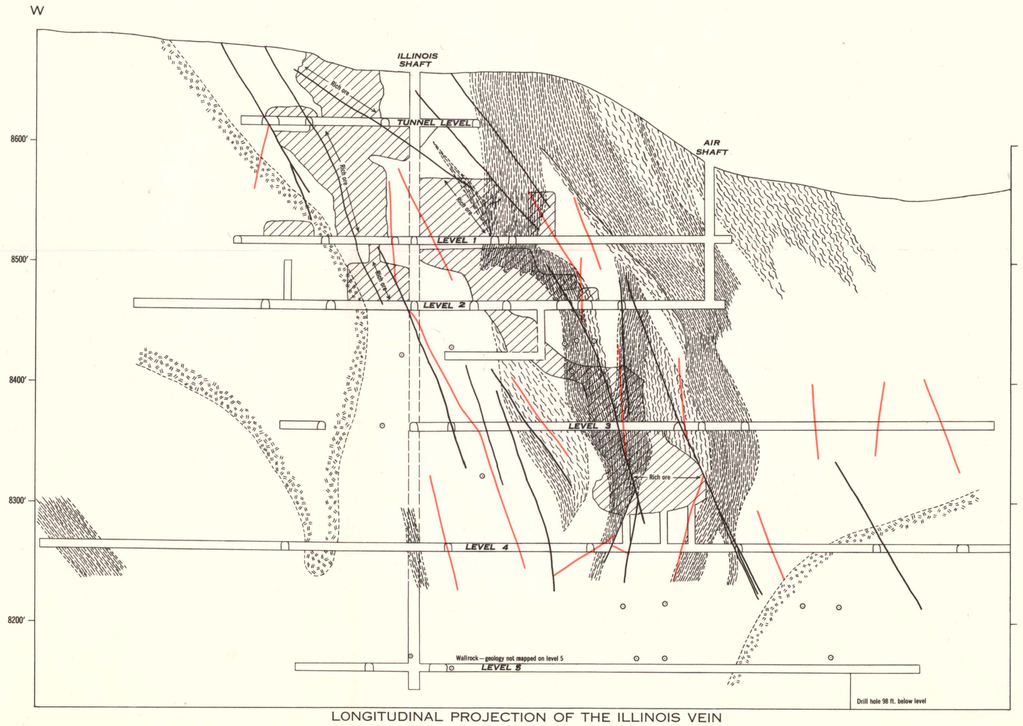
SECTION A-A'

EXPLANATION

- Hornblende monzonite porphyry
- Gneissic aplite
- Granite and gneissic granite
- Schist and injection gneiss
- Vein, showing dip; dashed where approximately located
- Vertical vein
- Ferberite on vein
- Sulfides on vein
- Barren breccia-reef fracture, showing dip; dashed where approximately located
- Contact, showing dip; dashed where approximately located
- Gradational contact
- Relative movement and amount of displacement
- Bearing and plunge of grooves and slickensides
- Bearing of horizontal grooves
- Strike of vertical foliation
- Strike and dip of foliation and plunge of lineation
- Vertical foliation and plunge of lineation
- Shaft at surface
- Shaft going above and below level
- Bottom of shaft
- Raise
- Winze
- Caved workings
- Diamond-drill hole, showing inclination
- Drill hole through Illinois vein on longitudinal projection
- Stope



MINE WORKINGS, 1944



LONGITUDINAL PROJECTION OF THE ILLINOIS VEIN

GEOLOGIC PLANS AND SECTIONS OF THE ILLINOIS MINE

50 0 200 Feet

INTERIOR-GEOLOGICAL SURVEY, WASHINGTON, D. C.