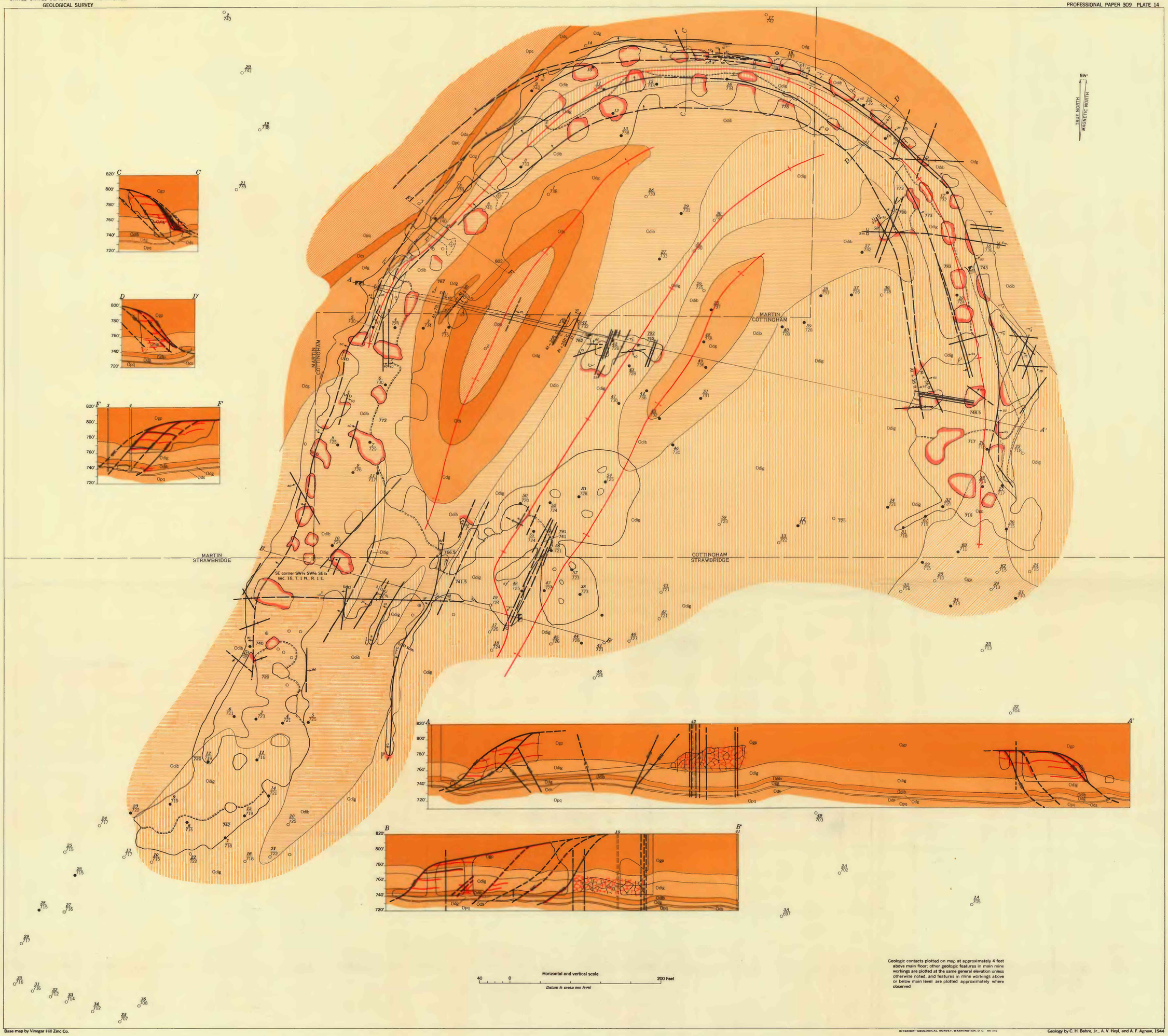


Geologic contacts plotted on map at approximately 4 feet above main floor; other geologic features in main mine workings are plotted at the same general elevation unless otherwise noted, and features in mine workings above or below main level are plotted approximately where observed

## EXPLANATION

ORDOVICIAN

Decorah formation

- Ogp — Lower buff beds of Prosser cherty member of Galena dolomite
- Iron dolomite member
  - Odig — Gray beds
  - Odib — Blue beds
- Odg — Guttenberg limestone member
- Ods — Spechts Ferry shale member
- Oqq — Quimbys Mill member of Platteville formation

Contact

U 3 in. D — At + 25 ft — A 30'
Fault or fracture, height mapped above main mapping level; showing dip, dashed where inferred. U, upthrown side and amount of displacement, D, downthrown side

Vertical fault or fracture

Strike and dip of beds

Horizontal beds

Axis of anticline

Axis of syncline

Ore in mine walls and pillars

Ore veins, shown in sections only

Coarse breccia solution or breccia ore, shown in sections only

Disseminated ore, shown in sections only

Shaft

Inclined shaft

Inclined raise or winze

Main mine workings

Mine workings below main mine workings

Bench

792/762
Altitude of mine roof, above line, in feet. Altitude of mine floor, below line, in feet

19/724
Drill hole and number, in ore; numeral below line, altitude of base of Guttenberg limestone member of Decorah formation, in feet

20/704
Drill hole and number, without ore; numeral below line, altitude of base of Guttenberg limestone member of Decorah formation, in feet

41
Drill hole and number, in plane of section

19
Drill hole and number, projected to plane of section

MARTIN / STRAWBRIDGE
Property line

Base map by Vinegar Hill Zinc Co.

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C. WR 1192

Geology by C. H. Behre, Jr., A. V. Heyl, and A. F. Agnew, 1944

# GEOLOGIC MAP AND SECTIONS OF THE MARTIN MINE, LAFAYETTE COUNTY, WISCONSIN