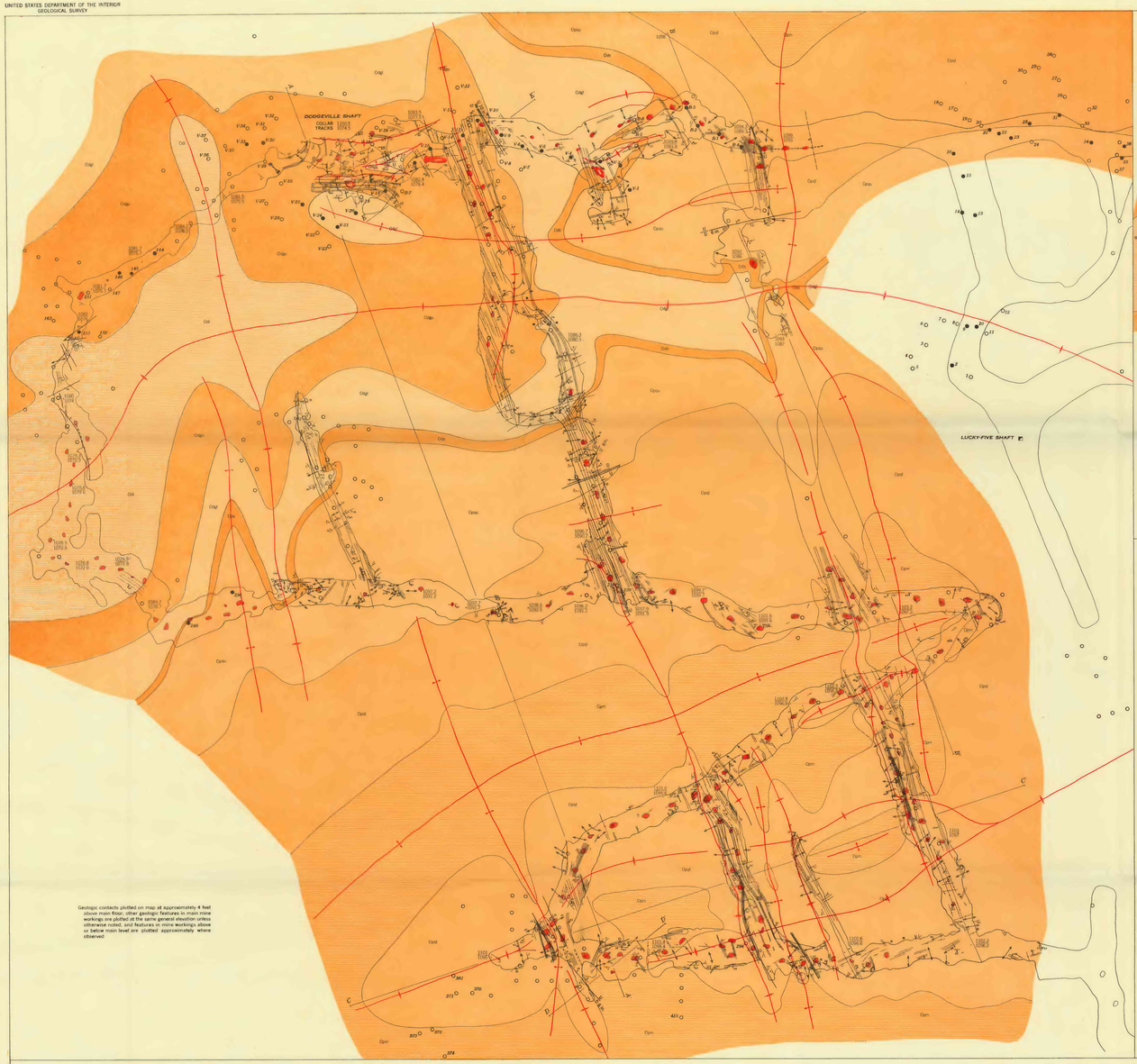
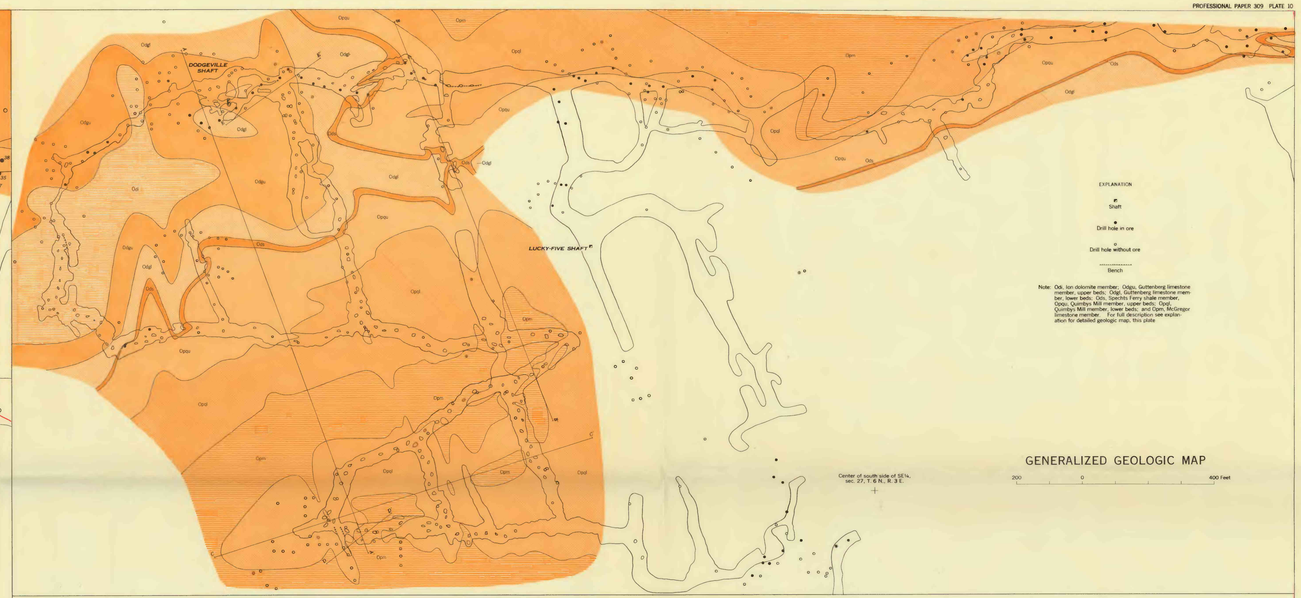


Geologic contacts plotted on map at approximately 4 feet above main floor; other geologic features in main mine workings are plotted at the same general elevation unless otherwise noted, and features in mine workings above or below main level are plotted approximately where observed



EXPLANATION

Shaft

Drill hole in ore

Drill hole without ore

Bench

Note: Odd, Ion dolomite member; Odgu, Guttenberg limestone member, upper beds; Odgl, Guttenberg limestone member, lower beds; Odd, Decorah formation; Opou, Quimby Mill member, upper beds; Opol, Quimby Mill member, lower beds; and Opm, McGregor limestone member. For full description see explanation for detailed geologic map, this plate

GENERALIZED GEOLOGIC MAP

200 0 400 Feet

E X P L A N A T I O N

Decorah formation

Odd — Ion dolomite member, blue beds

Guttenberg limestone member

Odgu — Upper beds

Odgl — Lower beds

Odd — Spechts Ferry shale member

Platteville formation

Quimby Mill member

Opou — Upper beds

Opol — Upper beds

Opm — McGregor limestone member

ORDOVICIAN

Contact

U, u? — D? D. D.

Fault or fracture, showing dip; dashed where approximately located. U, upthrown side; D, downthrown side; and amount of displacement. Heavy lines show strong fractures; light lines show weak fractures.

Vertical fault or fracture

Fault or fracture, showing relative movement

Multiple weak fractures, showing dip; dashed where approximately located

Multiple vertical weak fractures

Axis of anticline

Axis of syncline

Strike and dip of beds

Horizontal beds

Strikes and plunges of slickensides on bedding plane faults (faults are shown in sections). Double ended arrows, horizontal slickensides. Curved arrows, curved slickensides

Ore

Veins of ore, shown in sections only

Disseminated ore, shown in sections only

Shaft

Mine workings

Bench

V-5 — Drill hole and number, in ore

371 — Drill hole and number, without ore

Drill hole, no geologic record

V-21 236 — Drill holes on plane of section, dashed where projected

1123.5 / 1097.5 — Altitude of roof, in feet, above line. Altitude of floor, in feet, below line

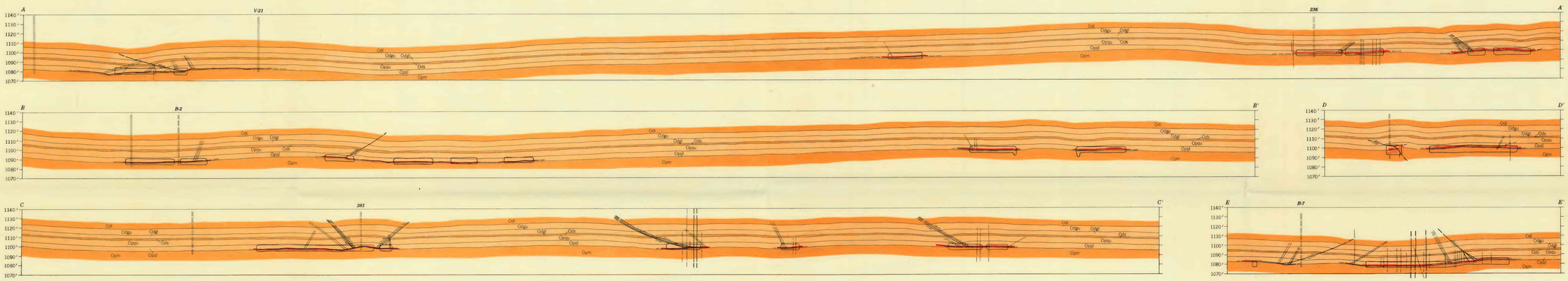
TRUE NORTH

MAGNETIC NORTH

GEOLOGIC MAPS AND SECTIONS OF THE DODGEVILLE NO. 1 MINE, DODGEVILLE, WISCONSIN

100 0 300 Feet

Datum is mean sea level

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C. 1957

Base map and geology by A. V. Heyl, A. F. Agnew, J. E. Lyons, and R. M. Hutchinson, May 1945