LITHOLOGIC SYMBOLS USED IN COLUMNAR SECTION

Loess

Sandy Silty
Dolomite

Containing Containing
Receptaculites *bentonite layers*
Dolomite

Cherty Oolitic
Dolomite, calcareous

Fossiliferous Coquinoid
Limestone

Argillaceous Shaly
Limestone, dolomitic

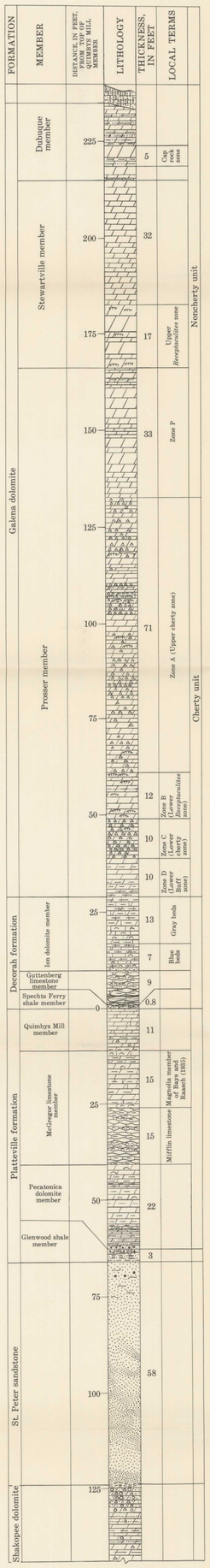
Carbonaceous Phosphatic
Limestone, nodular

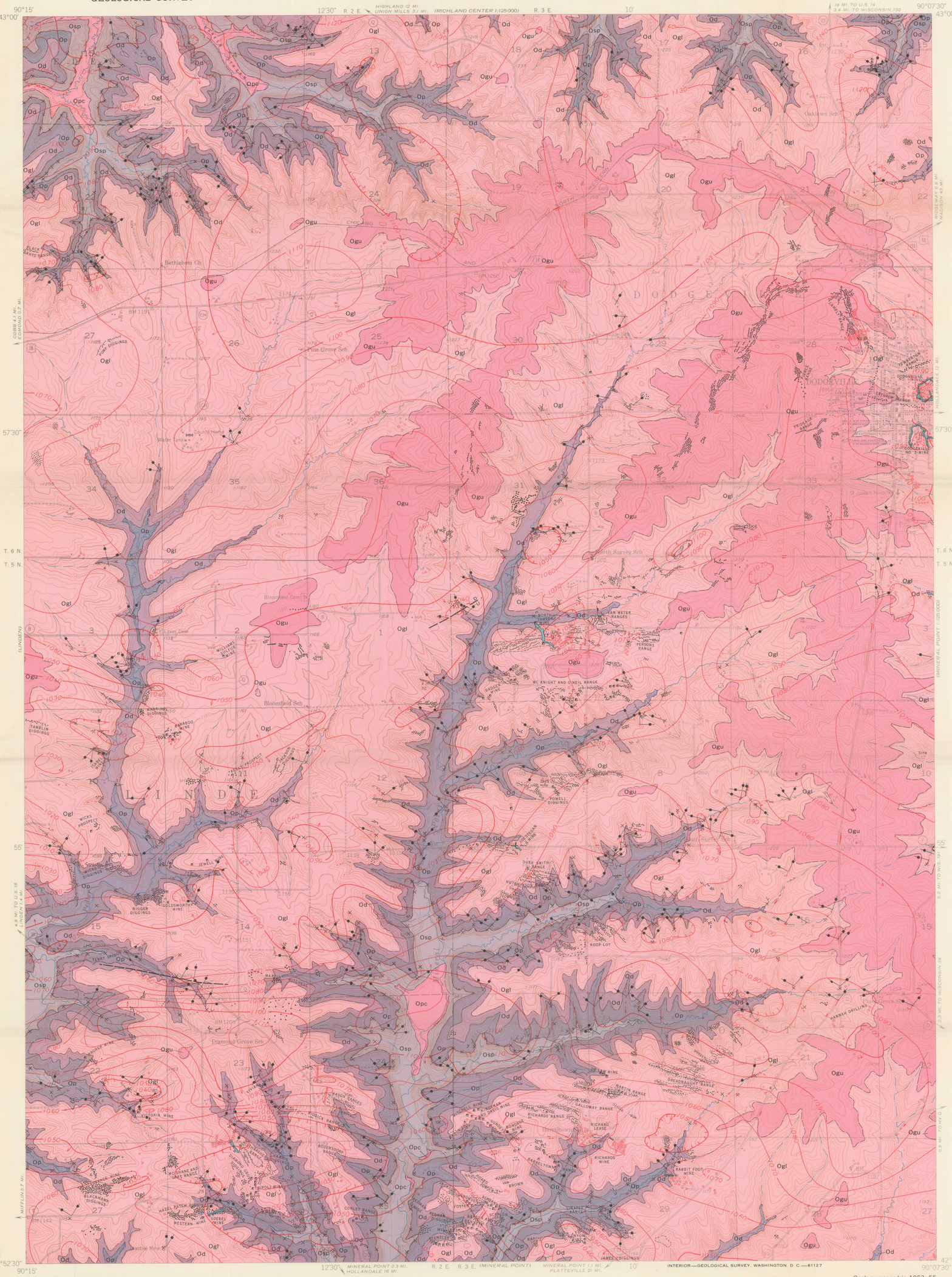
Dolomitic Glauconitic
Sandstone

Pyritic Ferruginous
Sandstone

The individual variations, such as shaly, are commonly in the lithology shown, such as dolomitic limestone, but are not necessarily unique to that rock type

Different spacing between horizontal lines in the columnar section represents generalized massive, medium, and thin beds. The St. Peter sandstone is commonly massive at top, crossbedded in middle, and thin bedded at base





Base map by Topographic Division
U. S. Geological Survey, 1952

Geology mapped in 1953–55
by J. W. Allingham

TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION, 1963

GEOLOGIC MAP OF THE DODGEVILLE QUADRANGLE, WISCONSIN

SCALE 1:24 000

1 ½ 0 1 MILE

CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL

EXPLANATION

Ogu / Ogl — Galena dolomite
Pale-brown dolomite, characterized by honeycomb weathering. Coarsely granular, vuggy and medium bedded.
Ogu, *noncherty unit, includes Dubuque member, Stewartville member, and upper part of the Prosser member undifferentiated.*
Ogl, *cherty unit, subdivided into four zones undifferentiated*

Od — Decorah formation
Dolomite and limestone with some intercalated shale; Ion dolomite, Guttenberg limestone, and Spechts Ferry shale members undifferentiated

MINOR DISCONFORMITY

Op — Platteville formation
Dolomite, limestone, and shale. Four members undifferentiated; Quimbys Mill, McGregor limestone including the Magnolia member of Bays and Raasch (1935) (upper) and Mifflin member of Bays (1938) (lower), Pecatonica dolomite, and Glenwood shale members

MINOR DISCONFORMITY

Osp — St. Peter sandstone
Friable medium- to fine-grained sandstone; frosted subrounded to rounded quartz grains. An important aquifer. Relations with Prairie du Chien group questionable; lies on undulating reeflike surface

Opc — Prairie du Chien group
Dolomite, sandstone, and shale. Only upper unit, Shakopee dolomite, is exposed; light gray, fine to medium granular, locally vuggy and silty with scattered quartz sand

Middle Ordovician
Lower Ordovician
ORDOVICIAN

Bedrock outcrops

Contact, approximately located
Covered locally by loess or surficial deposits

Fault, showing dip
Dashed where inferred; U, *upthrown side;* D, *downthrown side*

Minor fractures

Shear zone, showing dip
Lines indicate direction of shear

Strike and dip of beds

Strike and dip of joint

Strike of vertical joint

Strikes and dips of multiple joint system

Structure contour on top of Quimbys Mill member (Upper member of Platteville formation)
Dashed where approximately located. Hachures indicate closed basins; arrow on index contour indicates direction of dip

Lead mine
Dots are individual pits; alinement shows trend of crevice or vertical joint

Lead pits of irregular arrangement

Area containing old pits and holes

Ore body, worked out
Dashed where inferred, deposit may extend beyond limits of mapping

Shaft

Open adit

Closed adit

Prospect trench

Small quarry

Drill hole

Group of drill holes
Diagrammatic

Control point