



**EXPLANATION**

**Platensian and Recent**

- Terrace
- Qal Alluvium  
Includes artificial fill

**Upper Ordovician**

- Om Maquoketa Shale  
UNCONFORMITY

**Middle Ordovician**

- Ogu Ogl Galena Dolomite  
Ogu, non-cherty upper unit  
Ogl, cherty lower unit
- Od Decorah Formation
- Op Platteville Formation
- Osp St. Peter Sandstone  
UNCONFORMITY

**Lower Ordovician**

- Opc Prairie du Chien Group

**QUATERNARY**

**ORDOVICIAN**

sd x x x x x  
Thin dike of chert and dolomite breccia, quartz sandstone, or quartz sand in carbonaceous cement, elastic dike of dolomite and chert breccia, sd, sandstone dike

x x x  
Sandstone blocks  
Stratigraphically above the St. Peter Sandstone, probably residuum from sandstone dikes

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Contact  
Long dashed where approximately located; short dashed where inferred

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Strike and dip of beds

U 3 7  
Fault  
Dashed where approximately located, queried where inferred. U, upthrown side; D, downthrown side. Number indicates observed vertical displacement

?-?-?-?  
Uncertain structure  
Structure may be a fault, homocline, or a simple collapse into a zone of solution-leached rock below

700 720  
Structure contours  
Drawn on top of Platteville Formation. Long dashed where control is sparse; short dashed where the Platteville Formation has been removed by erosion. Hachures indicate a closed basin. Contour interval 20 feet

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Shallow mine pits  
Dots are individual pits. Strike of mineralized joint indicated by alignment of pits

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Area of concentrated mining  
Mostly by shallow mines. Individual pits generally not shown as many data are from maps that do not show pits or closed shafts

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Mine or prospect shaft

.....  
Outline of mine workings  
Open Closed  
Adit

PbS ZnS ZnCO<sub>3</sub>  
Galena Sphalerite Smithsonite  
Abbreviations for minerals found in mine dumps, at prospect pits, and in outcrops

o  
Churn-drill hole  
Water well or prospect hole for which stratigraphic data are available

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Outcrop points  
Used for structural control

Whitlow and West, 1959-60

Area of U.S. Geol. Survey Strategic Minerals Inv. Prelim. Map 3-221 (Heyl, Lyons, and Agnew, 1948)

Whitlow and West, 1959-60

**INDEX TO GEOLOGIC MAPPING**

**GEOLOGIC MAP OF THE POTOSI QUADRANGLE, GRANT COUNTY, WISCONSIN  
AND DUBUQUE COUNTY, IOWA**

