

WISCONSIN GEOLOGICAL AND NATURAL HISTORY SURVEY  
E. A. BIRGE, Director W. O. HOTCHKISS, in charge of survey of lead and zinc district

# IPSWICH SHEET

OF THE LEAD AND ZINC DISTRICT  
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Geology by Edward Steidtmann

Scale: 4 inches = 1 mile Contour interval: 10 feet

## LEGEND.

- First class roads.
- Second class and private roads.
- Railroad.
- Houses.
- School-houses.
- Churches.
- Bridges.
- Cemetery.
- Mine shafts.
- Small shafts and test-pits.
- Old workings.
- Drill-holes.
- Wells.
- County line.
- Section line.
- Quarter-section line.
- Forty-acre line.
- Ownership line.
- Geologic boundary.
- Outcrops.
- Major and minor joints, the major ones being heavier than the minor.

Maquoketa shale.

## LEGEND.

- Crevices and ranges.
- Spring and stream.
- Intermittent stream.
- Temporary bench-mark, with elevation in feet above sea-level.
- Contours, showing elevations in feet above sea-level.
- Structural contours upon the base of the Galena dolomite, showing the elevation of the same above sea-level in feet. The arrows indicate the direction of dip. The long dashes indicate that the location of the contour is doubtful; short dashes indicate that the Galena has here been removed by erosion.
- Elevations of the base of the Galena dolomite above sea-level in feet. The structural contours are derived from these figures.

NOTE.—The records of many of the drill-holes shown upon this map are on file at the office of the Wisconsin Geological and Natural History Survey, at Madison, Wisconsin.

Galena Dolomite.

