Bedrock Geologic Map of the Illinois City 7.5’ Quadrangle, Muscatine County, Iowa, and Rock Island County, Illinois

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Introduction

The Illinois City Quadrangle in Muscatine County, Iowa, and Rock Island County, Illinois, is located within the Southern Iowa Drainage Division (SIDD) and Mississippi Valley Alluvial Plain (MVAP) landform regions. The SIDD is an area with a geography defined by low-lying, gently-draped topography. The MVAP is a low-relief upland consisting of sediments deposited by the Mississippi River. This map shows the bedrock geology of the Illinois City Quadrangle, which is located in the northeastern corner of Illinois. It is bounded by the Illinois River on the north, the Mississippi River on the west, and the Apple River on the east. The map area is characterized by a series of bedrock outcrops that form the basis of the geology in the area.

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Stratigraphic Column and Legend

The following table provides a stratigraphic column for the Illinois City Quadrangle. It includes the lithostratigraphic units, their descriptions, and their respective symbols.

Geologic Cross-Section A-A’

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