INTRODUCTION

The Fertile SE 7.5' Quadrangle of North and Cerro Gordo counties, Iowa, is located in the southeastern corner of the state. It includes parts of the Central Lowlands physiographic province. It is underlain by the Quaternary and uppermost Tertiary deposits over the Ordovician to Devonian-age bedrock strata.

The area is characterized by various episodes of erosion and deposition, including glacial activity. The bedrock strata are typically characterized by interbeds of dolomite, limestone, and shale. The area is also characterized by the presence of Quaternary deposits, including glacial erratics, moraines, and outwash plains. The area is located along major waterways, including the Winnebago and Iowa Rivers.

Correlation of Map Units

The Bedrock Geology of the Fertile SE Quadrangle, Worth and Cerro Gordo Counties, Iowa


Adjacent 7.5' Quadrangles

- Fertile SW
- Fertile NW
- Wapello SW
- Wapello NE
- Wellman SW
- Wellman NE
- Decorah SW

Location Map

The location map shows the position of the Fertile SE 7.5' Quadrangle within the state of Iowa. The map includes the surrounding counties and major waterways.

Lithologic Cross-Section A-B

The cross-section A-B shows the stratigraphic sequence of the bedrock strata within the Fertile SE Quadrangle. The section includes the Lower and Upper Devonian lithologic units, as well as the Quaternary deposits.

Legend

- Quaternary System
- Devonian System
- Paleozoic System
- Precambrian System

Correlation Map

The correlation map shows the correlation of the map units within the Fertile SE Quadrangle. The map includes the major lithologic units and their correlation with adjacent quadrangles.