**LEGEND**

**CENOZOIC**

**QUADRANGLE FRACTIONS**

- **Qal** - Alluvium
- **Qwa** - Wisconsin or late Wisconsin Noah Creek Formation
- **Qpsr** - Quaternary residuum
- **Qps** - Quaternary plains

**MAPPING**

- **Dc** - Dubuque Formation
- **Dw** - Davenport-Winton Formation
- **Qal** - Alluvium
- **Qwa** - Noah Creek Formation
- **Qpsr** - Residuum
- **Qps** - Plains

**REGIONAL**

- **Qnw** - Norwalk Formation

**PALEOZOIC**

- **Qalit** - Glacial till
- **Qallt** - Glacial lake till

**INSTRUMENTS**

- **Dc** - DeForest Formation
- **Dw** - Davenport-Winton Formation

**INTERPRETATIONS**

- **Dc** - Dubuque Formation
- **Dw** - Davenport-Winton Formation

**ACKNOWLEDGEMENTS**

- We thank the landowners who graciously allowed access to their land for drilling.

**Surficial Geology of the Cresco NE (Iowa) 7.5’ Quadrangle**

**GEOLOGIC CROSS-SECTION A-B**

**GEOLOGIC MAPPING OF THE UPPER IOWA RIVER WATERSHED:**

**PHASE 4: Cresco NE 7.5’ Quadrangle**

**Area Geologic Survey**

Open File Map 80-2

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Supporting agency: the U.S. Geological Survey

**AERIAL PHOTOGRAPHS**

The map was made from the U.S. Geological Survey 7.5′ quadrangle series, 1973. The U.S. Geological Survey 7.5′ quadrangle series is the result of a cooperative effort between the U.S. Geological Survey and the State Geological Survey, to produce quadrangle maps of the conterminous United States. The goal of the project is to produce maps with a consistent level of accuracy and detail. The surveys consist of topographic maps, land use maps, and aerial photographs. The maps are intended to be used for a variety of purposes, including land use planning, resource management, and environmental monitoring. The aerial photographs are taken from aircraft, usually at an altitude of 1,000 feet. The photographs are captured using high-resolution cameras, and are used to provide a detailed view of the landscape. The photographs are used to identify features, such as roads, buildings, and vegetation. The photographs are used in combination with the topographic maps to create a comprehensive view of the area.