**Surficial Geologic Materials of the Dixon 7.5' Quadrangle**  
Scott County, Iowa

**LEGEND**

**Description of Map Units**

**Episodic Surfaces**

- **Older Paleozoic and Mesozoic Basal Surficial Deposits**: These are generally 10 to 50 meters thick and consist of very dark gray to brown, poorly sorted, mode sand, silt, or clay. The base of this unit is unconformable on bedrock. It also includes Pleistocene deposits of Wisconsin Age.

- **Hudson Episode Surface**: Generally 10 to 30 meters thick, consists of very dark gray to brown, poorly sorted, mode sand, silt, or clay. Underlies Wisconsin Age deposits.

**Alluvial Deposits**

- **Early Phase High Terrace (EPHT)**: Typically 5 to 15 meters thick, generally brown to gray, massive, jointed, calcareous or noncalcareous, silt loam and intercalated fine to medium sand. Underlies a Farmdale Geosol.

- **Late Phase High Terrace (LPTH)**: Generally 5 to 20 meters thick, consists of very dark gray to brown, poorly to moderately well sorted, mode sand, silt, or clay. Overlies a Farmdale Geosol.

**Loess and Infilling**

- **Loess and Infilling (Alburnett Formation)**: Generally 5 to 20 meters thick, consists of very dark gray to brown, poorly to moderately well sorted, mode sand, silt, or clay. Underlies a Farmdale Geosol.

**Bedrock Exposures**

- **Rocks of the Silurian, Devonian, and Carboniferous**: Form the underlying bedrock. They are generally resistant to erosion and form the base of the surficial geologic materials.

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