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Stratigraphic Chart of the Waubensee Group in Nebraska

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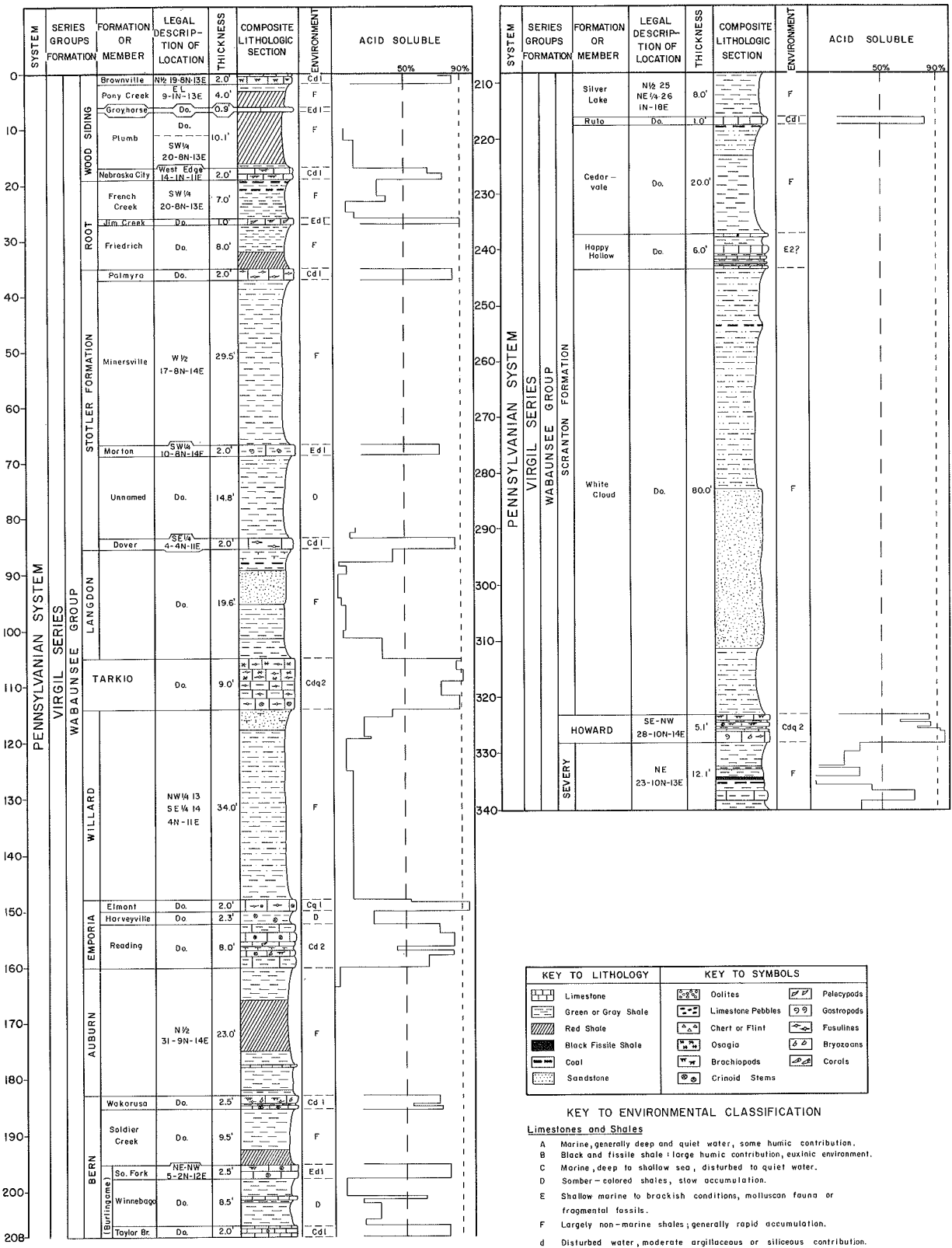
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STRATIGRAPHIC CHART OF THE WABAUNSEE GROUP IN NEBRASKA



KEY TO LITHOLOGY		KEY TO SYMBOLS	
	Limestone		Oolites
	Green or Gray Shale		Limestone Pebbles
	Red Shale		Gastropods
	Black Fossiliferous Shale		Chert or Flint
	Coal		Osagie
	Sandstone		Fusulines
			Bryozoans
			Brachiopods
			Corals
			Crinoid Stems

- KEY TO ENVIRONMENTAL CLASSIFICATION**
- Limestones and Shales**
- A Marine, generally deep and quiet water, some humic contribution.
 - B Black and fissile shale: large humic contribution, euxinic environment.
 - C Marine, deep to shallow sea, disturbed to quiet water.
 - D Somber-colored shales, slow accumulation.
 - E Shallow marine to brackish conditions, molluscan fauna or fragmental fossils.
 - F Largely non-marine shales; generally rapid accumulation.
- Limestone Thickness**
- 1. Thin: less than three feet
 - 2. Intermediate: three to ten feet thick.
 - 3. Thick: ten feet or more.

Prepared by R.R. Burchett and E.C. Reed

V. H. Dreeszen, Acting Director
Conservation and Survey Division
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