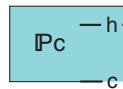
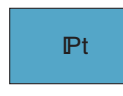





ADAMS AND BROWN COUNTIES, ILLINOIS

Russell J. Jacobson and Zakaria Lasemi
2008

EXPLANATION

Pennsylvanian	{		Carbondale Formation h, Hanover Limestone c, Colchester Coal Member	{	Desmoinesian
			Tradewater Formation		
			Basal Sandstone		
Mississippian	{		St. Louis Limestone	{	Valmeyeran
			Warsaw Formation, Salem Limestone, and Sonora Sandstone		

Symbols

✕

Mine adits

Drill Holes

from which subsurface data were obtained

●

Water well

●

Oil or gas well producing

◇

Dry oil-test hole

○⁶⁵

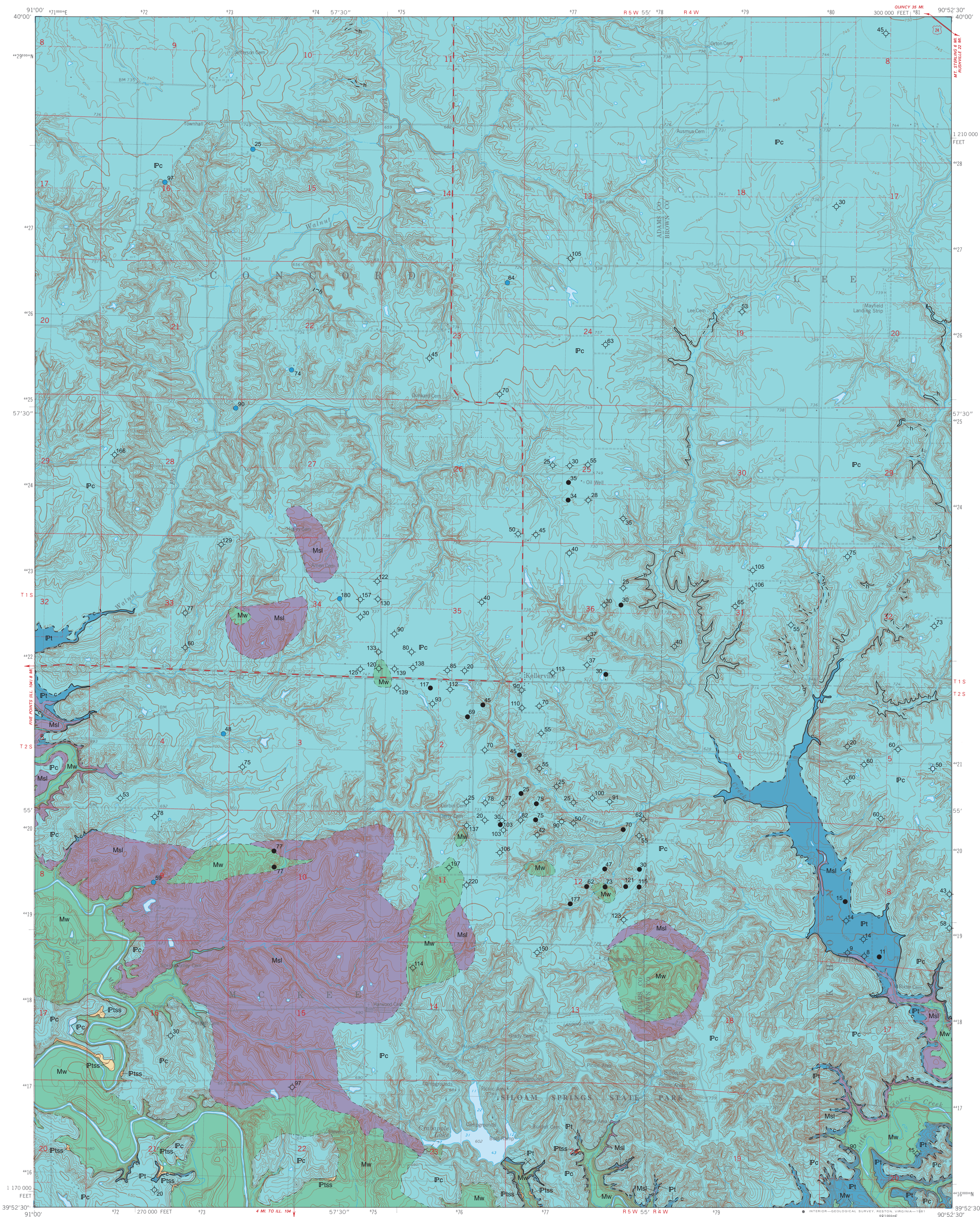
Numeric labels indicate depth to top of bedrock in feet

Line Symbols

dashed where inferred

Contact

Note: Well and boring records are on file at the ISGS Geological Records Unit and available from the ISGS web site.



IPGM Kellerville-BG Sheet 1 of 2

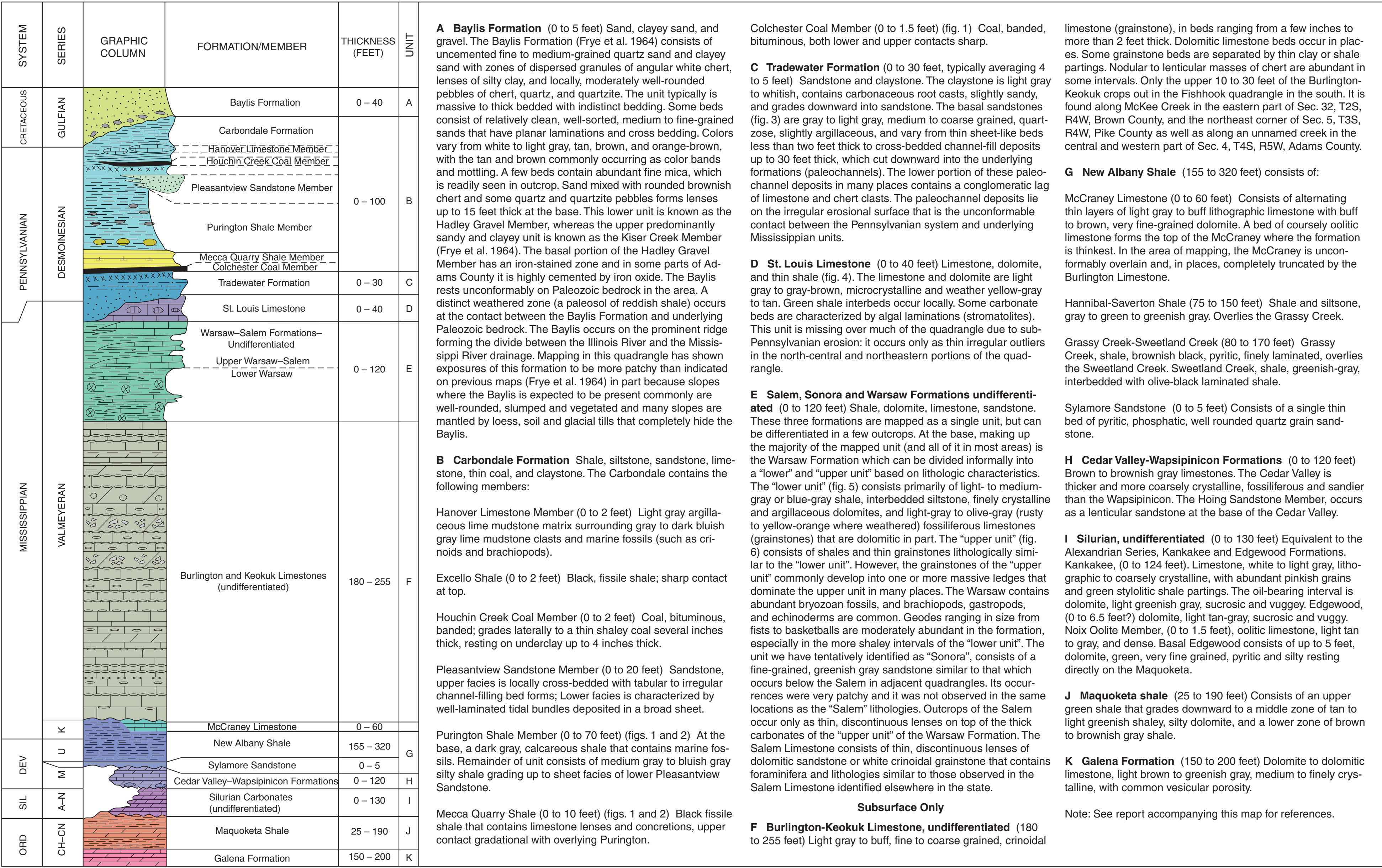


Figure 1 Exposure of the Colchester Coal, Carbondale Formation. NE¼ SW¼ NE¼ NE¼ Sec. 5, T5S, R5W, Adams County, IL.



Figure 2 Exposure of 1–2 feet of gray Purinton Shale Member over 6 feet of Mecca Quarry Shale Member containing large septarian limestone concretions. Pennsylvanian, Carbondale Formation. NW¼ NW¼ SE¼ SE¼ Sec. 32, T1S, R5W, Adams County, IL.



Figure 3 Basal Pennsylvanian Sandstone in Tradewater Formation filling scour or erosional contact on blue gray shales of the Warsaw Formation. NE¼ SE¼ SE¼ NW¼ Sec. 21, T2S, R5W, Adams County, IL.



Figure 4 Typical exposure of the St. Louis Limestone. NW¼ NE¼ NW¼ SE¼ Sec. 5, T5S, R5W, Adams County, IL.



Figure 5 Exposure of the St. Louis Limestone on shales of the "lower" Warsaw where the carbonates of the "upper" Warsaw have been eroded. SE¼ NE¼ NE¼ SW¼ Sec. 5, T5S, R2W, Adams County, IL.



Figure 6 Typical exposure of the dolomitic grainstone found in the "upper" Warsaw Formation. North center of the NE¼ SW¼ SE¼ Sec. 5, T5S, R5W, Adams County, IL.