



Plate 2

Stack-Unit Map of Central Northern Illinois (to a depth of 15 m (49.3 ft))

by
Richard C. Berg and John P. Kempton
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Interpretation of stack-unit symbols
cpj/vjt

Peoria Loess and Roxana Silt <6 m (19.7 ft) thick, overlying discontinuous Glasford Fm silty and clayey diamictites, <5 m (19.7 ft) thick, overlying a discontinuous sand and gravel within the Glasford Fm that is <6 m (19.7 ft) thick and within 6 m (19.7 ft) of the surface, overlying Pennsylvanian shales between a depth of 6 m (19.7 ft) and 15 m (49.3 ft).

Map symbols		Nonfossilified and semifossilified materials		Map symbols		Nonfossilified and semifossilified materials		Map symbols		Lithified materials	
Material	>6 m (19.7 ft) thick	Material	<6 m (19.7 ft) thick	Material	>6 m (19.7 ft) thick	Material	<6 m (19.7 ft) thick	Material	Between 6–15 m (19.7–49.3 ft) of surface	Material	Between 0–6 m (0–19.7 ft) of surface
A	a	Cahokia Alluvium		N	n	Teneriffe Silt		1	1	Pennsylvanian rocks, mainly shales	
B	b	Richland Loess		O	o	Peoria Loess and Roxana Mbr		2	2	Pennsylvanian rocks, mainly sandstones	
C	c	Peoria Loess and Roxana Silt		P	p	Glasford Fm, silty and clayey diamictites		3	3	Mississippian rocks, mainly shales	
D	d	Parkland Sand		Q	q	Glasford Fm, loamy and sandy diamictites		4	4	Mississippian rocks, mainly sandstones, some sandstones	
E	e	Graylake Peat		R	r	Sand and gravel within Glasford Fm: within 6 m (19.7 ft) of surface		5	5	Silurian and some Devonian rocks, mainly dolomite	
F	f	Equality Fm, Carmi Mbr		U	u	Wolf Creek Fm (mainly diamictites)		6	6	Ordovician rocks, mainly shale (Maquoketa Group)	
G	g	Equality Fm, Dolton Mbr		V	v	Mounds gravel and related units		7	7	Ordovician and Cambrian rocks, mainly dolomite, some sandstone	
H	h	Peoria Loess and Roxana Silt		W	w	Cretaceous sediments, silts, sands, etc.		()	()	May not be continuous in the map area within 6 m (19.7 ft) of surface, but is present between depths of 6 and 15 m (19.7 and 49.3 ft) over a portion of the map area	
I	i	Wedgeon Fm, silty and clayey diamictites		X	x	Surface/marine-made land					
J	j	Wedgeon Fm, silty and clayey diamictites		Y	y	Wedgeon Fm, silty and clayey diamictites					
K	k	Wedgeon Fm, silty and clayey diamictites		Z	z	Wedgeon Fm, silty and clayey diamictites					
L	l	Wedgeon Fm, silty and clayey diamictites									
M	m	Wedgeon Fm, silty and clayey diamictites									