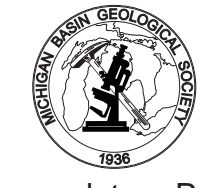


GEOLOGIC TIME				OUTCROP NOMENCLATURE			DOMINANT LITHOLOGY	SUBSURFACE NOMENCLATURE			
ERA	PERIOD	EPOCH	NORTH AMERICAN STAGES	GROUP	FORMATION	MEMBER		FORMATION	GROUP		
Cenozoic	Quaternary	Pleistocene	Wisconsinan		Glacial Drift			Glacial Drift			
Mesozoic	Jurassic	Middle	Oxfordian		Ionia Fm			Ionia Fm			
Paleozoic	Pennsylvanian	Late	Conemaugh		Grand River Fm			Grand River Fm			
		Early	Pottsville		Saginaw Fm			Saginaw Fm			
					Parma Ss			Parma Ss			
		Mississippian	Late	Meramecian		Bayport Ls			Bayport Ls		
					Michigan Fm			Michigan Fm			
	Early		Osagian		Marshall Ss			Marshall Ss			
					Coldwater Sh			Coldwater Sh			
			Kinderhookian		Sunbury Sh			Sunbury Sh			
						Ellsworth Sh (western)	Berea Ss (eastern)	Bedford Sh		Ellsworth Sh (western)	Berea Ss (eastern)
	Late	Chautauquan			Upper Mbr		Upper Mbr	Antrim Sh			
				Antrim Sh	Lachine Mbr	Lachine Mbr					
				Paxton Mbr		Paxton Mbr					
				Norwood Mbr		Norwood Mbr					
Devonian	Middle	Erian	Traverse Gr		Squaw Bay Ls		Squaw Bay Ls				
						Partridge Point Mbr					
						Thunder Bay Ls	Potter Farm Mbr				
							Norway Point Mbr				
							Alpena Ls	Four Mile Dam Mbr			
								Newton Creek Mbr			
								Long Lake Ls	Killians Mbr		
									Genshaw Mbr		
								Ferron Point Fm			
								Rockport Quarry Ls			
Silurian	Early	Ulsterian	Detroit River Gr		Bell Sh		Bell Sh				
						Rogers City Ls					
						Dundee Ls		Dundee Ls			
							Anderdon Ls				
							Lucas Fm		Lucas Fm	Detroit River Gr	
							Amherstburg Fm		Amherstburg Fm		
								Sylvania Ss		Sylvania Ss	
								Bois Blanc Fm		Bois Blanc Fm	
								Garden Island Fm		Garden Island Fm	
Paleozoic	Late	Cayugan	Bass Islands Gr		Rasin River Dol						
						Put-in-Bay Dol					
						St. Ignace Dol					
Silurian	Middle	Niagaran	Engadine Gr		Bush Bay Fm						
						Rapson Creek Fm					
						Rockview Fm					
							Cordell Fm				
							Schoolcraft Fm				
Ordovician	Middle	Mohawkian	Richmond Gr		Hendricks Fm	Fiborn Ls Mbr					
Cambrian	Early	Canadian	Cataract Gr		Byron Fm						
Cambrian	Late	Dresbachian	Cincinnati Gr		Lime Island Fm						
Precambrian	Middle Proterozoic Eon	Oronto Gr	Cincinnati Gr		Cabot Head Sh		Cabot Head Sh				
Precambrian	Archean to Middle Proterozoic Eons	Precambrian Crystalline Basement Complex	Precambrian Crystalline Basement Complex		Manitoulin Dol		Manitoulin Dol				

STRATIGRAPHIC NOMENCLATURE FOR MICHIGAN

Michigan Dept. of Environmental Quality
 Geological Survey Division
 Harold Fitch, State Geologist
 and
 Michigan Basin Geological Society



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2000

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A complete listing of all contributors will be found in the Stratigraphic Lexicon for Michigan, of which this column is an integral part.

RELATED TERM CORRELATION

STRATIGRAPHIC POSITION	RELATED TERMS
Ionia Fm	Jurassic Red Beds
Michigan Fm	Clare Dolomite, Brown Lime, Stray Dolomite, Stray Sandstone, Stray-Stray Sandstone, Triple Gyp
Coldwater Sh	Coldwater Red Rock, Speckled Dolomite, Wier Sand
Antrim Sh	Charlton Black Shale Member, Elltrim, Chester Black Shale Member, Upper Black Shale, Light Antrim, Lower Black, Lower Antrim, Middle Antrim, Middle Gray Antrim, Dark Antrim, Middle Gray Shale, Unit 1A, Unit 1B, Unit 1C, Crappo Creek Grey Shale Member
Dundee Ls	Reed City Member/Dolomite/Anhydrite
Lucas Fm	Freer Sandstone, Horner Member, Iutzi Member, Massive Salt/Anhydrite, Sour Zone, Big Anhydrite, Richfield Zone/Member/Sandstone, Big Salt
Amherstburg Fm	Filer Sandstone, Meldrum Member, Black Lime
St. Ignace Dolomite	Salina H Unit
Salina B Unit	Big Salt, B Salt
Ruff Formation	Salina A-1 Carbonate, Rabbit Ears Anhydrite,
Cain Fm	Salina A-0 Carbonate
Guelph Dolomite	Brown Niagara, Niagaran Reef, Pinnacle Reef, Engadine Dolomite
Lockport Dolomite	Gray Niagara, White Niagara
Burnt Bluff Gr	Clinton Formation
Trenton Fm	Cap Dolomite
Black River Fm	Van Wert Zone, Sneaky Peek, Black River Shale
Glenwood Fm	Goodwell Unit, Zone of Unconformity
St. Peter Sandstone	Bruggers Sandstone, Jordan Sandstone, Knox Sandstone, Massive Sand
Prairie du Chien Gr	Foster Formation, New Richmond Sandstone, Lower Knox Carbonate, St. Lawrence Formation, T-PDC, Oneota Dolomite, Brazos Shale
Trempealeau Fm	Lodi Formation
Galesville Ss	Dresbach Sandstone
Pre-Mt. Simon Clastics	Precambrian "Red Beds"

LEGEND

Sandstone		Limestone	
Limey		Shaley	
Shaley		Sandy	
Dolomitic		Dolomite	
Conglomeritic		Sandy	
Siltstone		Shaley	
Shale		Glacial Drift	
Sandy		Anhydrite/Gypsum	
Limey		Reefs/Bioherms	
Dolomitic		Basement Rocks	
Salt		Coal Bed	