

Table 1. Stratigraphic column of New York State bedrock indicating those units in which karst features might be present

[Cells shaded in blue indicate formations prone to carbonate karst development; cells shaded in green indicate formations somewhat prone to carbonate karst development; cells shaded in orange indicate formations somewhat prone to gypsum evaporite karst development; cells shaded in yellow indicate formations somewhat prone to halite or gypsum evaporite karst development; and cells not shaded indicate formations that do not have karst development]

Period	Epoch	Group or formation	Location of group in New York						Formation or member	Generalized lithology	
			West	Central	East	Southeast	Champlain	St. Lawrence			
Devonian	Upper	Conewango	X						Cattaraugus	Shale and sandstone	
		Conneaut	X						Ellicott/Chadakoin/Whitesville	Shale	
		Canadaway	X	X					Gowanda/Dunkirk/Caneadea/Wellsville	Shale and sandstone	
		West Falls-Java	X	X					Hanover/Wiscoy/Angola/Nunda/Rhinestreet	Shale; shale and sandstone	
						X			Slide Mountain	Shale, sandstone, conglomerate	
		Sonyea	X	X					Cashaqua/Middlesex/Rock Stream	Shale; shale and sandstone	
					X	X			Glen Aubrey/Lower Walton	Shale and sandstone	
		Genesee		X	X				West River/Penn Yan	Shale	
			X	X	X				Genesee/Ithaca/Oneonta	Shale and sandstone	
		Middle	Tully Limestone		X				Tully	Limestone	
			Hamilton			X			Ashokan/Manorkill	Shale and sandstone	
				X	X	X			Moscow/Portland Point	Shale; limestone	
						X			Cooperstown	Shale and sandstone	
				X	X	X			Centerfield/Ludlowville/Skaneateles/Panther Mountain	Shale and limestone	
				X	X	X			Marcellus (Union Springs-Oatka Creek)/Mount Marion	Shale; shale and sandstone	
			Onondaga Limestone	X	X	X	X		Onondaga	Limestone	
		Lower	Tristates	X		X	X		Bois Blanc/Schoharie	Limestone; shale	
							X	X		Esopus	Shale
					X	X	X	X		Oriskany/Glenerie	Sandstone; limestone
	Helderberg				X	X		Alsen/Port Ewen	Limestone; shale		
					X	X		Becraft	Limestone		
						X	X		Kalkberg/New Scotland	Limestone; shale	
					X	X			Manlius/Coeymans	Limestone	
					X	X			Chrysler/Rondout	Dolostone	
Silurian	Upper	Salina	X	X	X			Akron/Cobleskill	Dolostone; limestone		
			X	X	X				Bertie	Dolostone with gypsum	
			X	X					Camillus	Shale, with gypsum	
			X	X	X				Syracuse/Wawarsing/Poxono Island	Shale, with halite, limestone; shale	
			X	X	X				Vernon/Bloomsburg	Shale, with halite and gypsum; shale and sandstone	
		Lockport	X	X					Guelph/Eramosa/Sconondoa	Dolostone; limestone and dolostone	
					X				Ilion/Shawangunk	Shale and dolostone; conglomerate and sandstone	
			X	X					Goat Island/Gasport/Penfield/Sconondoa	Dolostone; limestone and dolostone	
								X	Green Pond	Conglomerate	
				Clinton	X	X	X			DeCew/Glenmark	Dolostone; shale
			X	X	X			Burleigh Hill/Rochester/Gates/Herkimer	Shale; dolomite and shale; sandstone		
		Lower		X	X	X			Irondequoit/Thorold/Rockway/Dawes	Limestone and shale; sandstone; dolostone	
			Medina	X			X		Green Pond	Conglomerate	
									Grimsbey/Kodak/Power Glen/Whirlpool	Sandstone; shale and siltstone; sandstone	
	Ordovician	Upper	Queenston Shale	X	X				Queenston	Shale	
			Lorraine		X	X				Oswego/Pulaski/Frankfort	Sandstone and shale; sandstone and shale; shale and siltstone; shale
Middle		Trenton		X	X				Hillier/Denley/Sugar River/Kings Falls/Selby	Limestones	
				X	X		X		Utica/Snake Hill/Stony Point	Shale; shale and siltstone	
							X		Glens Falls/Orwell	Limestones	
		Black River		X	X				Watertown/Lowville/Pamelia/Isle la Motte	Limestones	
Chazy						X		Valcour/Crown Point/Day Point	Limestones		
Lower		Beekmantown-Wappinger					X		Tribes Hill/Copake	Dolostone, limestone, and siltstone; limestone	
						X			Copake/Rochdale/Halcyon Lake (Hudson Valley area)	Limestone; limestone and dolostone; dolostone and siltstone	
Cambrian		Upper-Middle-Lower	Wappinger-Stockbridge				X		Briarcliff/Pine Plains (Hudson Valley area)	Dolostone; dolostone, sandstone, and shale	
	New York City Group					X		Inwood	Marble		
	Upper-Middle	Beekmantown			X				Tribes Hill/Little Falls/Hoyt/Galway	Dolostone; limestone; sandstone and dolostone	
						X			Providence Island/Fort Ann/Great Meadows/Whitehall/Galway	Limestone and dolostone; limestone, dolostone, siltstone; dolostone and sandstone	
	Middle-Lower						X		Theresa	Dolostone, sandstone, and siltstone	
							X		Potsdam	Sandstone	