

SUMMARY OF THE GEOLOGIC FORMATIONS OF THE
NEW ENTERPRISE AREA, BEDFORD CO., PA.

AGE		NAME	THICKNESS	LITHOLOGIC CHARACTER	
Silurian	Lower	St Tuscarora Quartzite	525'	Highly resistant, massive, light colored, siliceous orthoquartzite	
	Upper	Oj Juniata Formation	1028'	Interbedded reddish-gray shales and sandstones	
Ordovician	Upper	Obe Bald Eagle Formation	532'	Interbedded light olive-gray and brownish-gray low-rank graywackes and subordinant shales	
		Qr Reedsville Shale	1000'	Dark greenish-gray shales and mudstones with thin interbedded sandstone layers	
		Qc Champlainian Limestones	660'	Variety of dark to medium gray fine grained limestones, generally laminated, occasionally fossiliferous	
	Middle	Ob Bellefonte Dolomite	1100'	Medium to light gray, pure to argillaceous dolomite; usually massive but partly laminated and oolitic. Cherty near base.	
		Oa Axeman Limestone	270'	Dark gray, thin bedded, fossiliferous limestone with occasional dolomite interbeds	
	Lower	On Nittany Dolomite	820'	Alternating dark to medium gray mottled, structureless and laminated dolomite with common white oolitic chert	
		Ol Larke Dolomite	200'	Laminated, mottled and oolitic dolomite; very chert poor	
		Em Mines Dolomite	200'	Medium to dark gray, medium to coarsely crystalline dolomite with black oolitic chert	
	Cambrian	Upper	Gatesburg Formation		
			Eg Upper Sandy member	647'	Interbedded sandstones and argillaceous dolomites
Coh Ore Hill Limestone Member			147'	Finely crystalline limestones and occasional dolomites. It forms an excellent marker bed.	
Eg Lower Sandy member			617'	Similar to Upper Sandy member	
Eg Stacy Member			68'	Dark gray, cryptozoan and oolitic dolomite	
Ew Warrior Limestone			--	Dark gray, algal and oolitic limestone with some dolomite interbeds	

