



GEOLOGIC MAP OF THE NORTHERN PINALOSA MOUNTAINS, ARIZONA

STRATIGRAPHIC SECTION

Era	System	Formation	Member	Symbol	Thickness	Description		
Cenozoic	Tertiary	Alluvium				Mill wash and alluvium		
			Plomosa Conglomerate			Many hundreds of feet	Coarse conglomerate consisting of lenses of quartzite, granite, gneiss, schist and limestone. Grains cemented into conglomerates and unconsolidated at base.	
			Mount Davis Agglomerate			Several hundreds of feet	Mainly basaltic agglomerate but contains units of fine breccia, acidic welded tuff, arkose, and greenish-gray conglomerate lenses. The member is capped with a consolidated layer of acidic welded tuff.	
			Golden Deer Shale			200 feet, plus or minus	Mainly thin beds of interstratified friable shale, argillite and fine, dark, micaceous tuff. Toward the top the micaceous layers become thicker and sandstone.	
		Esque Arkose			0 to 100 feet	Sandstone, upper part well stratified. A basal conglomerate persists at the base of the thicker section.		
Pre-Cambrian	Precambrian	Metamorphic				Unconformity		
			Younger Metamorphics			Propylitized and silicified arkoses, sandstones, limestones, shales and argillites.		
						Older Metamorphics		Propylitized arkoses, sandstones, limestones, shales and volcanics.

