

Geology from Arizona State Geologic Map

GEOLOGIC MAP OF BLACK MESA, COCONINO, NAVAJO AND APACHE COUNTIES, ARIZONA

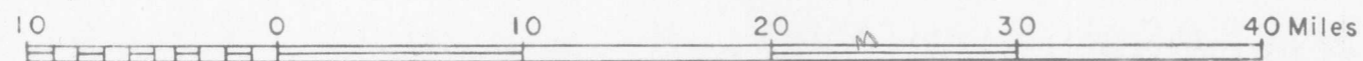
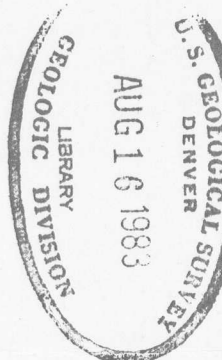


FIGURE 4

PLEASE RETURN TO POCKET IN BACK OF BOOK VOLUME
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Upper Cretaceous	Ts	TERTIARY	Sand, gravel, includes Bidahochi formation in part.		
	Kmv			CRETACEOUS	Mesaverde formation
	Km				Mancos shale
	Kd				Dakota sandstone
Lower Triassic	Jm	JURASSIC	Morrison formation(?)		
	Jnw		Entrada, Carmel, Navajo, Kayenta, and Wingate undifferentiated.		
	Rc		Chinle formation		
Upper Triassic	Rs	TRIASSIC	Shinarump conglomerate		
	Rm		Moenkopi formation		
PERMIAN	Ck	PERMIAN	Kaibab limestone		
	IGNEOUS ROCKS				
TERTIARY AND CRETACEOUS(?)	Tgr	TERTIARY AND CRETACEOUS(?)	Intrusive Rocks		
	Tkv		Volcanic Rocks		



Coal mine (Sampled for laboratory analysis)