

# Bureau of Economic Geology Jackson School of Geosciences The University of Texas at Austin

Jackson School of Geosciences.



### **Energy Minerals** ••• Bituminous coal **U** Uranium Mouth-of-mine Lignite coal $\backslash \backslash$ electricity plant





Million years ago

## **Dominant Rock Types**

	Quaternary	26	Unconsolidated sands and muds Alluvium
CLINOZOIC	Neogene	23	Sandstones and mudstones
	Paleogene	65	(volcanics in Trans-Pecos Texas)
MESOZOIC	Upper		Limestones (sandstones and mudstones in Trans-Pecos Texas)
	Lower	245	Sandstones and mudstones
PALEOZOIC	Upper	240	Permian carbonates and evaporites Mississippian sandstones and mudstones
	Lower	-320-	Limestones, dolostones, chert, and sandstones
$\sim\sim\sim\sim$ Uncontormity $\sim\sim\sim\sim$ 540 $\sim$			
PRECAMBRIAN			Granite intrusions and metamorphic rocks

Unconformity: A boundary between two rock units that represents a gap in the geologic record due to erosion or nondeposition of rock.



"Other" includes clays (ball, bentonite, common, fire, fuller's earth, kaolin), dimension stone, gypsum, helium, talc, and zeolites.

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