

TABLE 2.3-1

**NORTH DAKOTA GENERALIZED STRATIGRAPHIC COLUMN
FOR THE WILLISTON BASIN¹**

SEQUENCE	PERIOD	GROUP OR FORMATION
Tejas	Tertiary	Glacial Deposits White River Formation Golden Valley Formation Fort Union Group: Sentinel Butte, Tongue River (Bullion Creek), Slope, Ludlow, and Cannonball Formations ²
Zuni	Jurassic, Cretaceous	Hell Creek Formation Montana Group: Fox Hills and Pierre Colorado Group: Niobrara, Carlile, Greenhorn, and Belle Fourche Dakota Group: Mowry, Newcastle, Skull Creek, Fall River, Lakota Morrison Formation Sundance Formation Piper Formation
Absaroka	Pennsylvanian, Permian, Triassic	Spearfish Formation Minnekahta Opeche Formation Minnelusa Formation Amsden Formation
Kaskaskia	Devonian, Mississippian	Big Snow Group Madison Formation Bakken Formation Three Forks Formation Birdbear Formation Duperow Formation Soris River Formation Dawson Bay Formation Prairie Formation Winnipegosis Formation
Tippecanoe	Middle and Upper Ordovician, Silurian	Interlake Formation Stonewall Formation Stoney Mountain Formation: Gunton Member, Stoughton Member Red River Formation Winnipeg Group: Roughlock, Icebox, and Black Island
Sauk	Cambrian- Lower Ordovician	Deadwood Formation
	Precambrian	

¹ Table based on Carlson and Anderson (1965); stratigraphic column shown in approximate descending (youngest to oldest) order.

² Clayton et al. 1977