



6. Section of Cheyenne sandstone T: 30S R: 16W S: 26

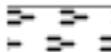


Latitude: 37.40559 Longitude: -99.038651 Elevation (GL): 1844.0 Depth: 81.0

Depth	Stratigraphic Units					Rock Color	Lithology Rock Column	Sedimentary Structures	Remarks
	Members	Formations	Subgroup	Stage	System				
0		Cheyenne Sandstone							4. Sandstone fine- to medium-grained cross-bedded white gray buff tan and brown 36.5
10									
20									
30									
40				Lower	Mesozoic				3. Sandstone fine- to medium-grained yellow buff tan and gray and shale fissile black interlensing. The maximum thickness of the shale lenses is about 2 feet and of the sandstone lenses about 4 feet 30.0
50									
60									
70									2. Sandstone fine- to medium-grained cross-bedded white tan buff and brown contains few lenses of weathered chert gravel in lower part 8.5
80									1. Conglomerate cross-bedded white to gray. Consists of loosely cemented fine to coarse sand that contains pebbles of white to gray weathered chert and quartz. Coarser in upper part 6.0

Primary Rock Lithology


-  Sand, Sandstone
-  Gravel

Secondary Rock Lithology

-  Shaly, shale
-  Sandy, sand
-  Cherty, chert

Sedimentary Structure Symbols

Depositional Structures

- Cross Bedding
-  Planar cross-bedding