

Middle part of Salt Plain formation T: 32S R: 9W S: 3
 Latitude: 37.289715 Longitude: -98.284958 Elevation (GL): 1612.0 Depth: 50.0

Depth	Stratigraphic Units						Rock Color	Lithology Rock Column	Sedimentary Structures	Remarks
	Members	Formations	Subgroup	Group	Stage	System				
0		Salt Plain							16. Sandstone very fine-grained silty calcareous massive resistant knobby brownish-red with unevenly distributed small greenish-gray spots contains vugs (<1 cm diameter) lined with calcite crystals 4.0	
5									15. Siltstone sandy thin (<one-half inch) and soft micaceous silty shales (average thickness 0.5 foot) brownish-red (Pl. 9A) 10.8	
10										
15									14. Siltstone slightly	
20									12. Sandstone silty knobby brownish-red (green-spotted) 1.1 11. Clay shale micaceous 10. Siltstone calcareous slabby micaceous white- (5Y8/1) 9. Shale silty calcareous blocky to flaky reddish-brown 1.5 8. Clay shale silty	
25										
30									6. Siltstone calcareous ripple-marked gray to brownish-red current ripples wave-length 1 3/8 inches current direction from N 45° E 2.5 5. Shale calcareous thin-bedded flaky micaceous yellowish-red (5YR4/6) contains a few thin (<one-half inch) interbeds of siltstone trace of gypsum coating on some surfaces 8.3	
35									4. Siltstone and silty shale 3. Clay shale very silty calcareous blocky reddish-brown (5YR5/4) 2.2 2. Covered 10.0	
40										
45										
50									1. Siltstone coarse soft slabby calcareous micaceous yellowish-red (5YR5/6) with greenish-gray spots well-sorted 2.3	

Primary Rock Lithology

- covered
- Clay, Claystone
- Shale
- Silt, Siltstone
- Sand, Sandstone

Secondary Rock Lithology

- Clayey, Argillaceous, clay
- Shaly, shale
- Silty, Silt
- Micaceous
- Sandy, sand
- Calcareous
- Gypsiferous, gypsum

Sedimentary Structure Symbols

Depositional Structures

- Ripples
- Planar, Horizontal ripples
- Stratification
- Horizontal bedding

Paleozoic
 Permian
 Cisuralian
 Nippewalla