

Section of Upper Part of Blue Hill Shale Member T: 17S R: 22W S: 19  
 Latitude: 38.559887 Longitude: -99.798504 Elevation (GL): 2317.0 Depth: 71.0

Depth	Stratigraphic Units							Rock Color	Lithology Rock Column	Sedimentary Structures	Remarks
	Members	Formations	Subgroup	Group	Stage	Series	Subsystem				
0	Fort Hays Limestone	Nebrara Chalk									5. Gritty bluish-gray shale with thin sand beds. The top six inches is a gray limy sand that weathers to brownish-yellow   21.0
10											
20											4. Hard gray concretionary
30											
40											2. Bluish-gray shale with a zone of large reddish-brown septarian concretions at the top. The concretions reach five feet in diameter   21.0
50											
60											1. Fissile bluish-gray shale with a zone of large gray septarian concretions at the top   10.0
70											

**Primary Rock Lithology**

- Shale
- Sand, Sandstone

**Secondary Rock Lithology**

- Sandy, sand
- Calcareous

**Sedimentary Structure Symbols**

**Depositional Structures**

- Bedding Base
- Abrupt or sharp, planar base of bed

**Deformational Structures**

- Concretions, nodules, geodes in general