

The Arbors Preserve

Survey #2

March 24, 2017

Kathy Ward and Desi D'Orsogna

Purpose: Geology



The Cibolo Creek (thick white line on the Google Earth image) roughly forms the western, southern and part of the eastern boundary of The Preserve.

On March 24, 2017, Kathy Ward and Desi D'Orsogna entered the creek bed at/near the southern tip of the Cibolo where it bends. We hiked northward in or along the creek bed until the point at which the Cibolo exits the property onto Camp Bullis. We then headed more or less westward through the oak/juniper savannah.

Note: disregard the yellow track



Bedrock

Before entering the Cibolo Creek bed, Kathy noted a flat, hard, rocky surface which she determined to be the bedrock. She determined the elevation to be 1251 feet, putting the bedrock into the Lower Glen Rose formation. Higher elevations can be seen in the background. Although we were probably still hiking in the Buffer Zone, similar bedrock was seen elsewhere in The Preserve.



Rudist/Caprinids

The Cibolo Creek bed is lined by and the creek has eroded through a thick layer of limestone containing numerous fossilized burrows of Caprinids. The elevation where Kathy is standing was 1166 feet; however, the height of the exposed limestone was estimated to be at least 12 feet.