

# **GRAND JUNCTION GEOLOGICAL SOCIETY**

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## **DECEMBER MEETING**

**WEDNESDAY, DECEMBER 11, 2019**

**Joint meeting with the CMU Geology Students**

**7:30 PM**

**Sacomanno Lecture Hall**

**(In the Wubben-Science Building)**

**Eric Eckberg**

**BLM, Grand Junction, CO**

**Will Speak On**

**“The Mystery Continues: Structural Origins of Unaweep  
Canyon, A Field Trip Preview”**

**Guests Are Always Welcome**

**Abstract on Next Page**

## **The Mystery Continues: Structural Origins of Unaweep Canyon, A Field Trip Preview**

### **Abstract/Description**

The focus of the field trip is to examine the structural & mineral zones to reassess the likelihood of a Laramide-aged graben structure controlling the location and geometry of Unaweep Canyon. The canyon trends southwest-northeast and cuts across the entirety of the Uncompahgre Uplift, generally orthogonal to the main Laramide basement structure (the Redlands Fault). The Uncompahgre Uplift, therefore, is a southeast-northwest-trending post-Laramide uplift, and is bounded on all sides by reactivated Permian/Pennsylvanian faulting systems originating in the Ancestral Rocky Mountain orogenic period.