

# Quaternary Geology on the Middle Raccoon River

## Whiterock Conservancy

Coon Rapids, Iowa  
2011-2012

In 2011-2012, Judy Joyce and Hollis Weber from EarthView joined the University of Iowa's Joe Artz and Art Bettis in a geological study of the Whiterock Conservancy, located in western Iowa near the city of Coon Rapids.



Archaeologist Joe Artz and Geologist Art Bettis  
**Artz, at left, joined EVE in 2013**



The beautiful, Middle Raccoon River winds through forested bluffs and verdant prairies.



Geologist and EVE President  
Judy Joyce



Hollis Weber  
Environmental  
Scientist

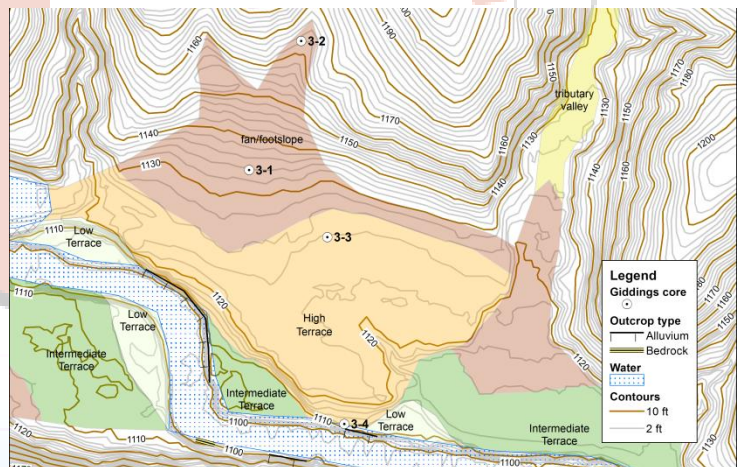


## Activities

- Detailed surface geologic maps of the Conservancy were produced.
- Strata observed in stream banks, rock outcrops, and drill holes were described in detail.
- Several archaeological sites were recorded.

## Accomplishments

- A preliminary geological history of 230 million years of landscape change in this 7-mile stretch of the Middle Raccoon River valley.
- Radiocarbon dates on wood and plant remains document a major episode of flooding around 7,000 years ago.



## Client Reference:

Name: Liz Garst  
Address: Whiterock Conservancy  
Coon Rapids, Iowa 50058  
Phone: (712) 684-2697  
Email: [lizgarst@gliddenwildblue.com](mailto:lizgarst@gliddenwildblue.com)  
Web: [www.whiterockconservancy.org](http://www.whiterockconservancy.org)

EarthView Environmental, Inc. 319-358-2542

For more information go to: [www.EarthViewEnvironmental.com](http://www.EarthViewEnvironmental.com)