



8th WILLIAM L. CHENOWETH MEMORIAL FIELD TRIP

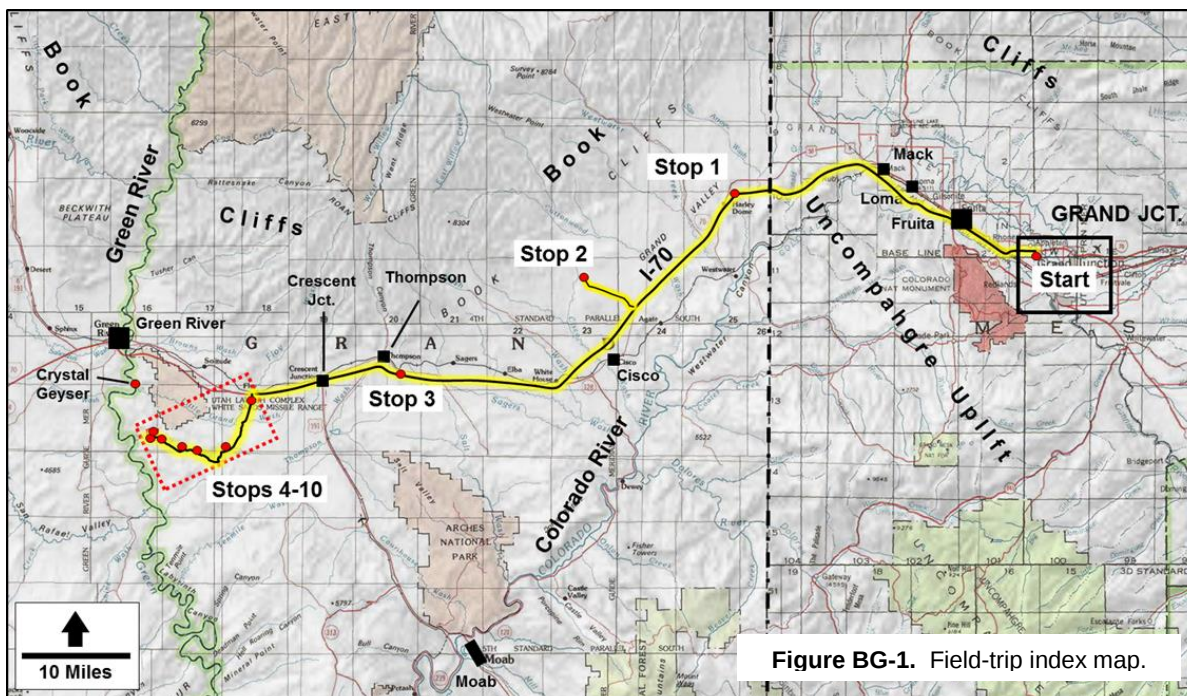
GEOLOGY OF TEN MILE GRABEN AREA, EASTERN UTAH

October 3, 2026

Leaders, Presenters, and Contributors

Craig Goodknight¹, Bill Hood, Rex Cole, Brann Johnson, Russell Davies, Steve Tedesco, Larry Moyer, and Javier Tellez

¹Sadly, on August 10, 2026, trip co-leader Craig Goodknight passed away after a brief and devastating illness. Craig was a very active GJGS member, having served as President in 1982 and 1996, Vice President/Speaker Chair in 1981 and 1997 and as a Council member. Most recently, he was Treasurer. Craig was an excellent geologist, generous friend and colleague, loyal, and a trusted advisor. He was a co-leader of an earlier field trip to Ten Mile Graben in 2004. **Thus, the current version of the trip is sincerely dedicated to Craig.**



The Grand Junction Geologic Society, its officers and members, the CMU Geoscience Program, and the leaders and organizers of this trip take no responsibility for any difficulties, accidents, inconveniences, injuries, medical mishaps, or any other issues related to this field trip or for future freelance trips. Participants are at their own risk. Please be aware of your surroundings and be safe!

The Grand Junction Geological Society is once again pleased to welcome members, friends, and students to the 8th Chenoweth Memorial Field Trip. Bill Chenoweth was a long-time, highly respected member of the Society and donated countless hours to its operation and success. Donations by members of the Society provide funding for the CMFT. Please help if you can. Previous trips were to Grand Mesa (2019), Arches National Park (2020), Ouray (2021), eastern Book Cliffs (2022), Piceance Basin (2023), the Montrose-Cimarron area (2024), and Unaweep Canyon (2025).

ACKNOWLEDGEMENTS

Thanks to Art Trevena for his review of the background information and Road Log 1.

FORMAT AND ATTACHMENTS

As in previous Chenoweth Memorial field trips this document has limited text, but is rich in figures and photos with detailed captions that will help facilitate discussions by the presenters at the stops. Some figures may not be discussed, but are included for completeness. Also, if we have a shortage of time, some stops may not be made or combined.

LOGISTICS, FIELD ROUTE, AND STOPS

The staging area for the field trip is at the southwest corner of Canyon View Park. Total roundtrip driving distance is about 230 miles (**Figure BG-1**). The majority of the route is on I-70 and BLM gravel/dirt roads. Participants can bail out or join the trip as needed. Restrooms or outhouses are present only at Stops 1 and 3. Some walking over uneven, relatively flat ground will occur. The longest foot traverse (**Stop 10**) over uneven ground will be about 1,100 feet with an elevation gain of about 50 feet.

SAFETY

Please read and heed the following suggestions:

- **Traffic.** Some of the stops are along BLM roads. Obviously, passing vehicles constitute a significant safety issue. Please, only cross the road after checking for approaching vehicles. Also, do not exit your vehicle into traffic.
- **Wear seat belts.** Seat belts must be worn at all times, while vehicles are in motion (UT and CO state laws).
- **Outcrop safety audit.** Please be aware of falling rock. In the event that you dislodge a rock or see a rock in motion, immediately alert others by yelling "Rock!"
- **Boldly go only where you feel comfortable.** Participants should only traverse terrain that they are comfortable with, and move at a safe, moderate pace. If for any reason you feel uncomfortable with the terrain, find a safer route or don't go. One of the leaders can provide you a summary.
- **Dehydration.** Please consume water in small amounts continuously during the day.
- **Sun exposure.** Sunburn and eye strain can easily occur. Sunscreen, sunglasses, and a broad-brimmed hat are highly advised.
- **Footgear.** Hiking shoes or light boots are advised.
- **Critters.** Please be aware that rattlesnakes and biting insects are common in the locations visited.
- **Weather issues.** During the trip, it may be sunny and hot or chilly and wet. The roads in the Ten Mile Graben area are gravel or dirt, so wet conditions may create a vehicle issues. Thunder storms are always possible. If you hear nearby thunder, please return to the vehicles.

Bottom Line:

You are responsible for your own safety and those riding in your vehicle!
Please speak up if you see or sense danger!