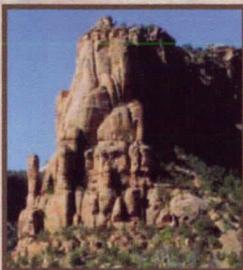


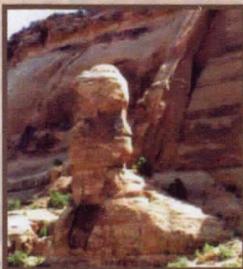
Geologic Formations of the Devil's Canyon Area



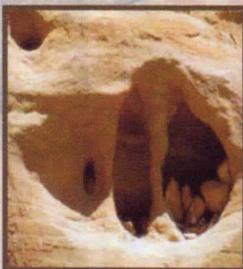
Hoodoos: Greatest density are located along the southern "D" series trails. Protective, stronger cap rocks sit balanced over softer underlying units slowing the rate of erosion of lower rocks. Hoodoos are associated with Entrada Sandstone (slickrock).



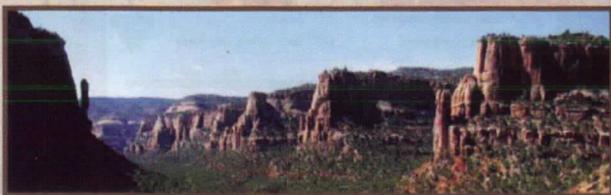
Monuments: Shaped by rain runoff and stream channels, these promontories are an amazing sight. The D3 trail has several towering monuments in Wingate Sandstone, formed from deposition of ancient desert dunes over 200 million years ago.



Spires: Initiated by vertical joints, water and wind slowly erode rock around the cracks to form spires. Devil's Canyon has the highest density of these freestanding structures that are most commonly found in the Wingate Formation.



Pitting: Entrada sandstone, or slickrock, formed from desert dunes between 140 and 180 million years ago. This rock displays the most pitting, caused by wind and water erosion. The "D" and "K" series frontcountry trails pass several pitted walls.

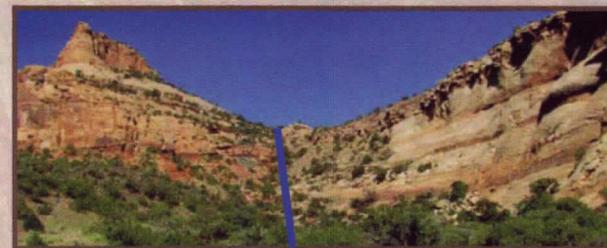


The Redlands Fault Complex



Tilted beds in Devil's Canyon illustrate underlying fault structures that also helped to form the monoclines.

The main Redlands Fault and related splays run in an east-west direction through the frontcountry of Devil's Canyon and Kodel's trail system. Evidence of faulting can be seen by the tilted beds of the multi-colored Morrison Formation and offset of "red rock" sandstone units. Folded rock units, called monoclines, are deformed, but not broken by underlying faults.



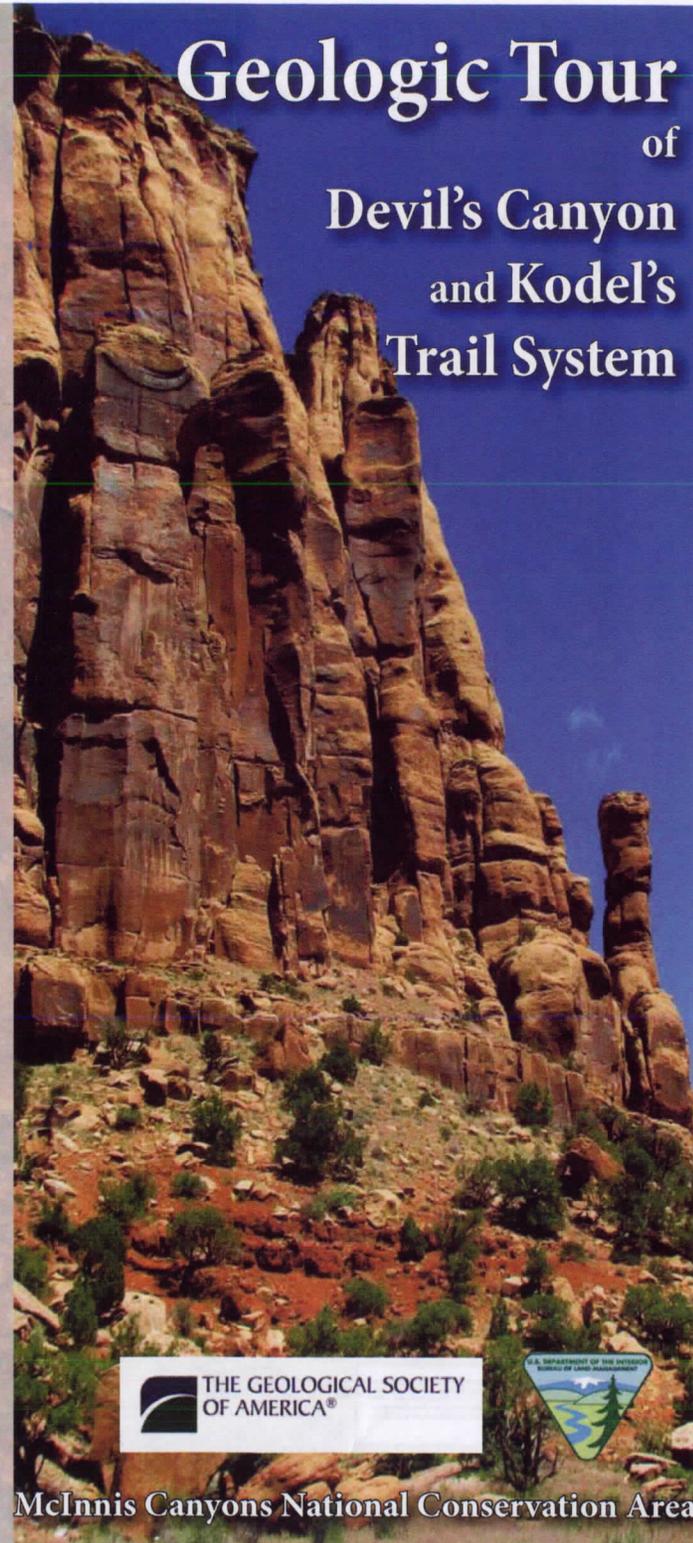
Triassic Wingate Formation rests next Jurassic Entrada Formation with the Redlands Fault offsetting the two units as indicated by the blue line.

Directions: From Grand Junction, take I-70 west to Fruita (exit 19). From the offramp, turn left onto CO-340 heading south for 1.2 miles then turn right onto Kingsview Rd, then left on Horsethief Rd. After 1.2 miles from CO-340, turn left onto Devil's Canyon Rd., from here the parking lot can be easily seen.

Bureau of Land Management
McInnis Canyons National Conservation Area
2815 H Road, Grand Junction, Colorado 81506
(970)244-3000

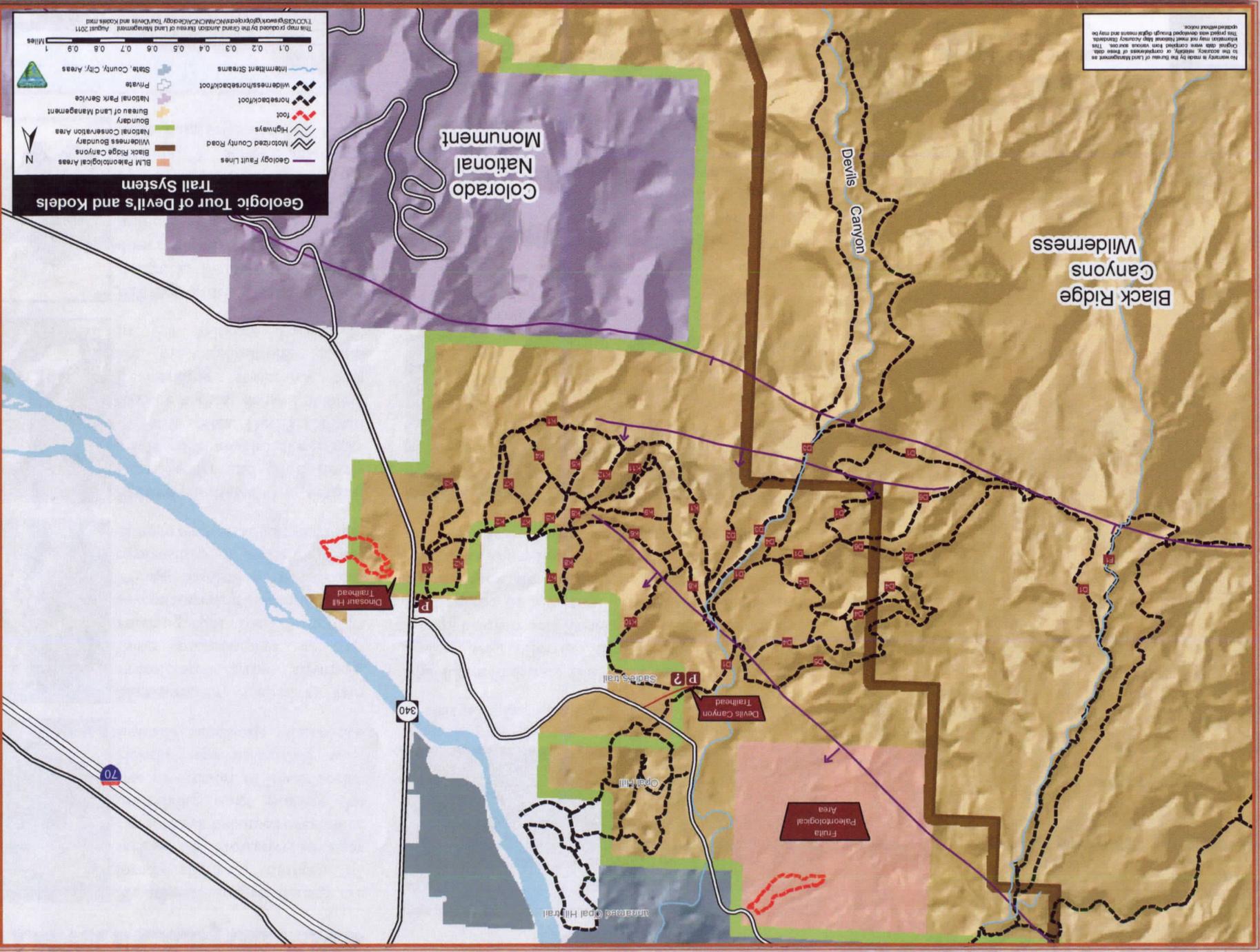
<http://www.blm.gov/co/st/en/nca/mcnca.html>

Geologic Tour of Devil's Canyon and Kodel's Trail System



McInnis Canyons National Conservation Area

No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data. Original data were compiled from various sources. This information may not meet National Map Accuracy Standards. This project was developed through digital means and may be printed without notice.



Geologic Tour of Devil's and Kodels Trail System

	Geology Fault Lines
	Motorized County Road
	Foot
	Wilderness/Backfoot
	Intermittent Streams
	BLM Paleontological Areas
	Black Ridge Canyons
	Wilderness Boundary
	National Conservation Areas
	Boundary
	Bureau of Land Management
	National Park Service
	Private
	State, County, City, Areas

This map was produced by the Grand Junction Bureau of Land Management August 2011.
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