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The Sandia Mountains are home to numerous species of mammals, including the Southwestern Red (Freemont's) squirrel (*Tamiasciurus fremonti*). Photograph courtesy of Celestyn Brożek.



Sandia foothills at sunset, punctuated by low, rounded hills of fractured Sandia granite and illuminated by the warm light of the early evening sun. Beyond the foothills, the City of Albuquerque stretches across the Rio Grande Valley toward the distant mesas of the Colorado Plateau. The Nacimiento Mountains form the skyline behind the low granite hill in the foreground. Photograph courtesy of Celestyn Brożek.

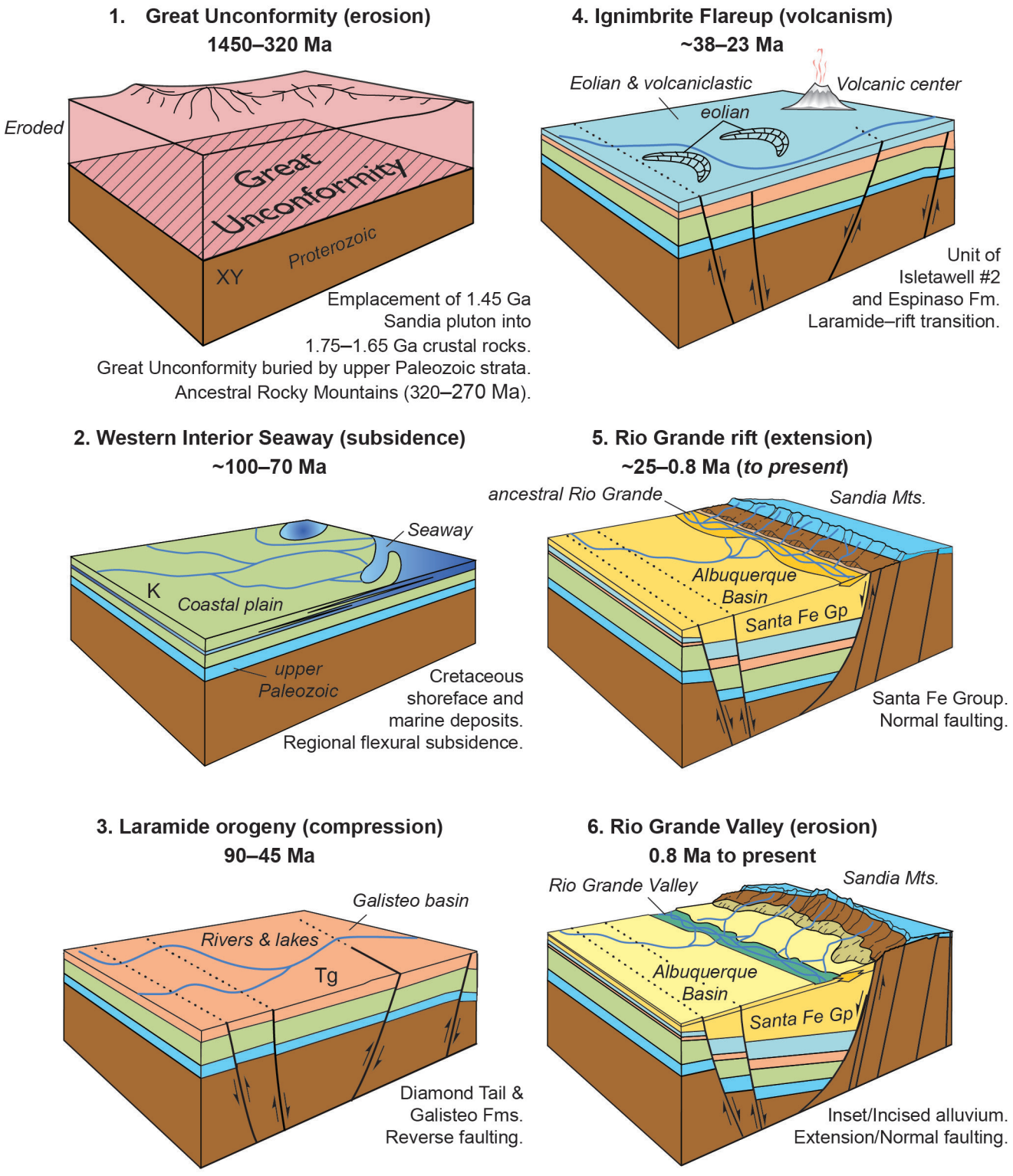
WAYPOINTS TABLE

Positions given in decimal degrees (WSG84).

	Waypoint	Latitude (°)	Longitude (°)	Feature
Day 1	1.01	35.1016	-106.6662	Museum of Natural History & Science, North Annex parking lot
	1.02	35.2025	-106.5041	Stop 1 parking area
	1.03	35.2055	-106.5021	Stop1, Station 1A
	1.04	35.2080	-106.5011	Stop1, Station 1B
	1.05	35.2026	-106.5013	Southern hike: Introduction
	1.06	35.2021	-106.5012	Stop1, Station 2B
	1.07	35.2027	-106.5003	Stop1, Station 2C
	1.08	35.2026	-106.4994	Stop1, Station 2D: Mesozoic fault block
	1.09	35.2025	-106.4985	Stop1, Station 2E
	1.09	35.1743	-106.3761	Stop 2, Doc Long Picnic Area
	1.10	35.3144	-106.4064	Stop 3, Crest of Montezuma
	1.10	35.3011	-106.4718	Stop 4, northern flank of Sandia Mts. (watch for cars)
Day 2	2.01	35.1016	-106.6662	Museum of Natural History & Science, North Annex parking lot
	2.02	35.1047	-106.6706	Intersection of Rio Grande Boulevard and I-40
	2.03	35.1050	-106.6394	Big I interchange, onramp from I-40 to I-25 northbound
	2.04	35.1722	-106.5840	Entrance of west-bound onramp onto Paseo del Norte from I-25
	2.05	35.1787	-106.6250	West-bound onramp onto Paseo del Norte from I-25
	2.06	35.1812	-106.6747	Intersection of Paseo del Norte and Eagle Ranch Road NW
	2.07	35.1838	-106.6737	Intersection of Eagle Ranch Road NW & Paradise Blvd. NW
	2.08	35.1969	-106.7033	Intersection of Paradise Boulevard NW and Unser Boulevard
	2.09	35.2312	-106.6969	Intersection of Unser Blvd and Southern Boulevards
	2.10	35.2416	-106.7513	Southern Boulevard and Arroyo de las Calabacillas
	2.11	35.2416	-106.8563	Western end of Southern Boulevard at 60th Street NW
	2.12	35.2940	-106.8575	Santa Ana Pueblo gate (60th Street NW & 21st Street NW)
	2.13	35.2963	-106.8791	Stop 1 parking
	2.14	35.2948	-106.8788	Outcrop A on hike to Stop 1
	2.15	35.2949	-106.8800	Outcrop B on hike to Stop 1
	2.16	35.2931	-106.8833	Stop 1 route: Junction of main arroyo with smaller arroyo. Turn southeast and follow smaller arroyo
	2.17	35.2908	-106.8806	Outcrop C on hike to Stop 1
	2.18	35.2904	-106.8801	Stop 1 route: Junction of two small arroyos near hand-dug well (?). Take the southern fork
	2.19	35.2880	-106.8799	Stop 1 route: head south across reddish-brown badlands
	2.20	35.2838	-106.8829	Stop 1, Station 1
	2.21	35.2825	-106.8843	Stop 1, Station 2
	2.22	35.2830	-106.8834	Stop 1, Station 3
	2.23	35.2829	-106.8826	Stop 1, Station 4
	2.24	35.2830	-106.8822	Stop 1, Station 5
	2.25	35.2838	-106.8829	Stop 1, Station 6
	2.26	35.2940	-106.8575	Santa Ana Pueblo gate (60th Street NW & 21st Street NW)
	2.27	35.2416	-106.8563	End of Southern Boulevard at 60th St. NW
	2.28	35.2312	-106.8579	Stop 2 parking
	2.29	35.2309	-106.8627	Stop 2, Station 1
	2.30	35.2314	-106.8631	Stop 2, Station 2
	2.31	35.2416	-106.8563	West end of Southern Boulevard at 60th St. NW
	2.32	35.2312	-106.6969	Intersection of Unser Blvd and Southern Boulevards
	2.33	35.1016	-106.6662	Museum of Natural History & Science, North Annex parking lot

Positions given in decimal degrees (WSG84).

	Waypoint	Latitude (°)	Longitude (°)	Feature
Day 3	3.01	35.0976	-106.6642	Museum of Natural History & Science, North Annex parking lot
	3.02	35.1098	-106.6944	Stop 1, West Bluff Park
	3.03	35.1306	-106.7801	Stop 2, Five Volcanoes Trailhead
	3.04	35.1307	-106.7800	Stop 2, Station 1
	3.05	35.1286	-106.7741	Stop 2, Station 2
	3.06	35.1290	-106.7718	Stop 2, Station 3
	3.07	35.1314	-106.7712	Stop 2, Station 4
	3.08	35.1332	-106.7718	Stop 2, Station 5
	3.09	35.1330	-106.7719	Stop 2, Station 6
	3.10	35.1325	-106.7724	Stop 2, Station 7
	3.11	35.1328	-106.7728	Stop 2, Station 8
	3.12	35.1331	-106.7723	Stop 2, Station 9
	3.13	35.1607	-106.7197	Stop 3, Boca Negra Canyon



Sequential snapshots (schematic block diagrams, 1–6) highlighting selected geological events in the Albuquerque region since 1.45 Ga (modified from Connell and Love, 2009, https://doi.org/10.58799/DM-2009).