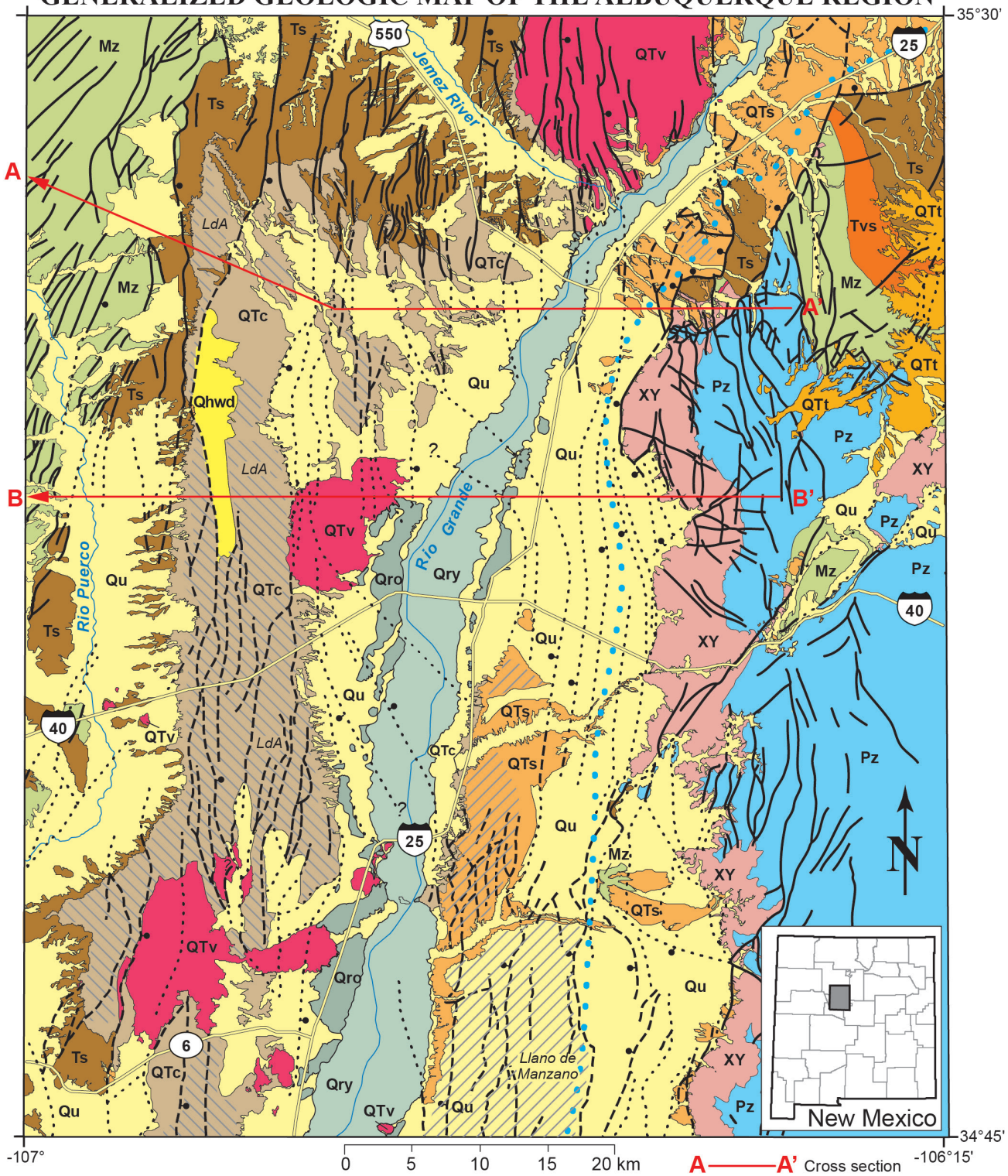
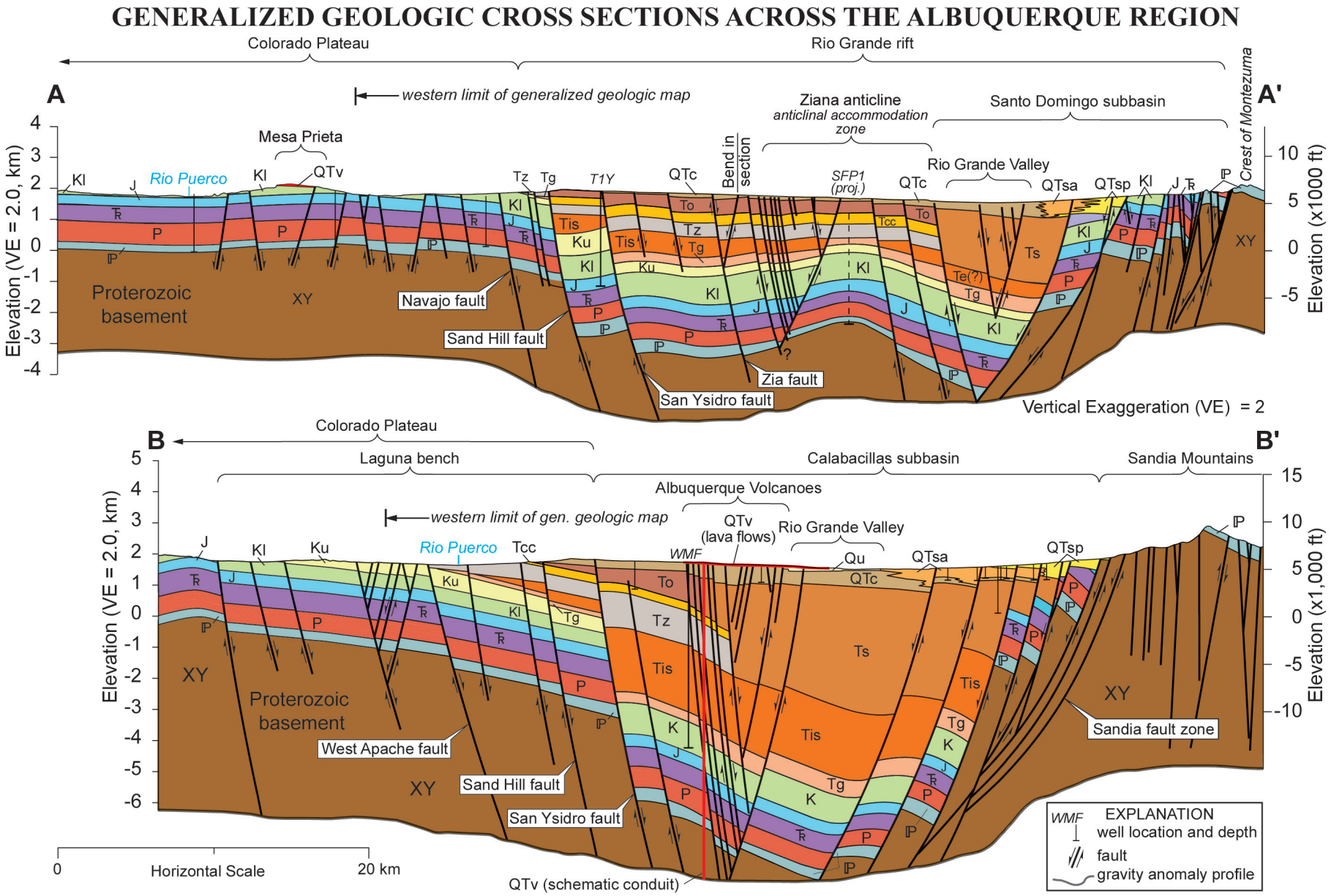
GENERALIZED GEOLOGIC MAP OF THE ALBUQUERQUE REGION



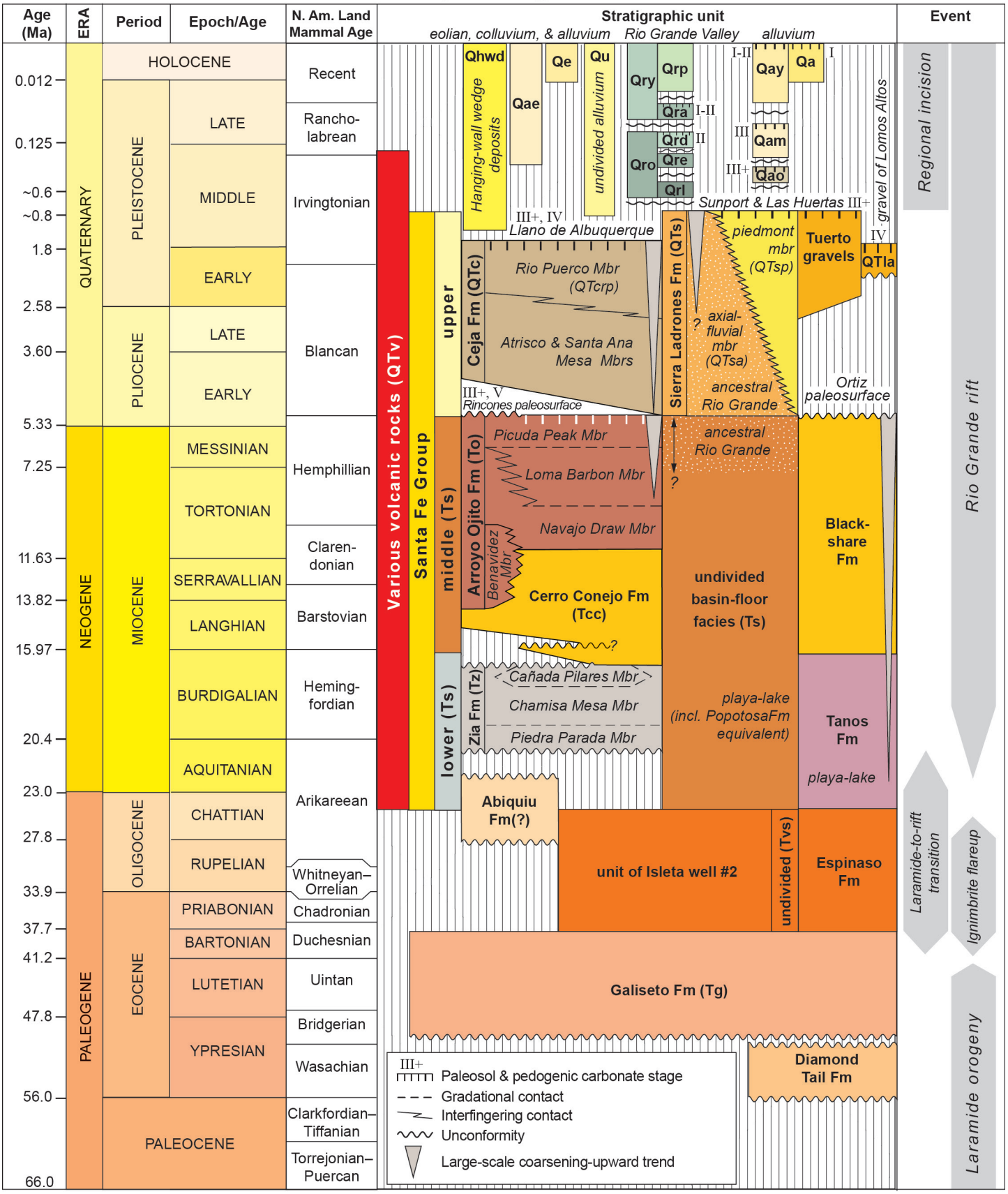
Qu	QTv	QTs	QTc	QTt	Pz	Mz	XY
Quaternary alluvium, undiv.	Plio-Pleistocene volcanic rocks	Sierra Ladrones Fm	Ceja Fm	Tuerto Fm & gravel of Lomos Altos	Paleozoic, undivided	Mesozoic, undivided	Proterozoic basement
Qhwd	Qry	Qro	Ts	Tvs	fault, ball on downthrown side	LdA	
Fault-proximal wedge deposit	Rio Grande alluvium, younger	Rio Grande alluvium, older	middle & lower Santa Fe Group	Paleogene sedimentary & volcaniclastic	eastern limit of ancestral Rio Grande	Llano de Albuquerque geomorphic surface	Sunport & Las Huertas geomorphic surface



Simplified geologic map of the Albuquerque Basin (facing page) and vertically exaggerated (VE = 2) cross-sections (modified from Connell, 2004 and 2011). The vertical position of the isostatic gravity anomaly profile at the base of each cross-section does not indicate the base of crust. Refer to the Cenozoic and pre-Cenozoic stratigraphic sections for unit descriptions. T1Y and SFP1 mark the projected locations of the Davis Tamara #1-Y and Santa Fe Pacific #1 wells (A–A′). WMF (B–B′) marks the projected location of the Shell West Mesa Federal well, which is summarized in the Day 3 road log.

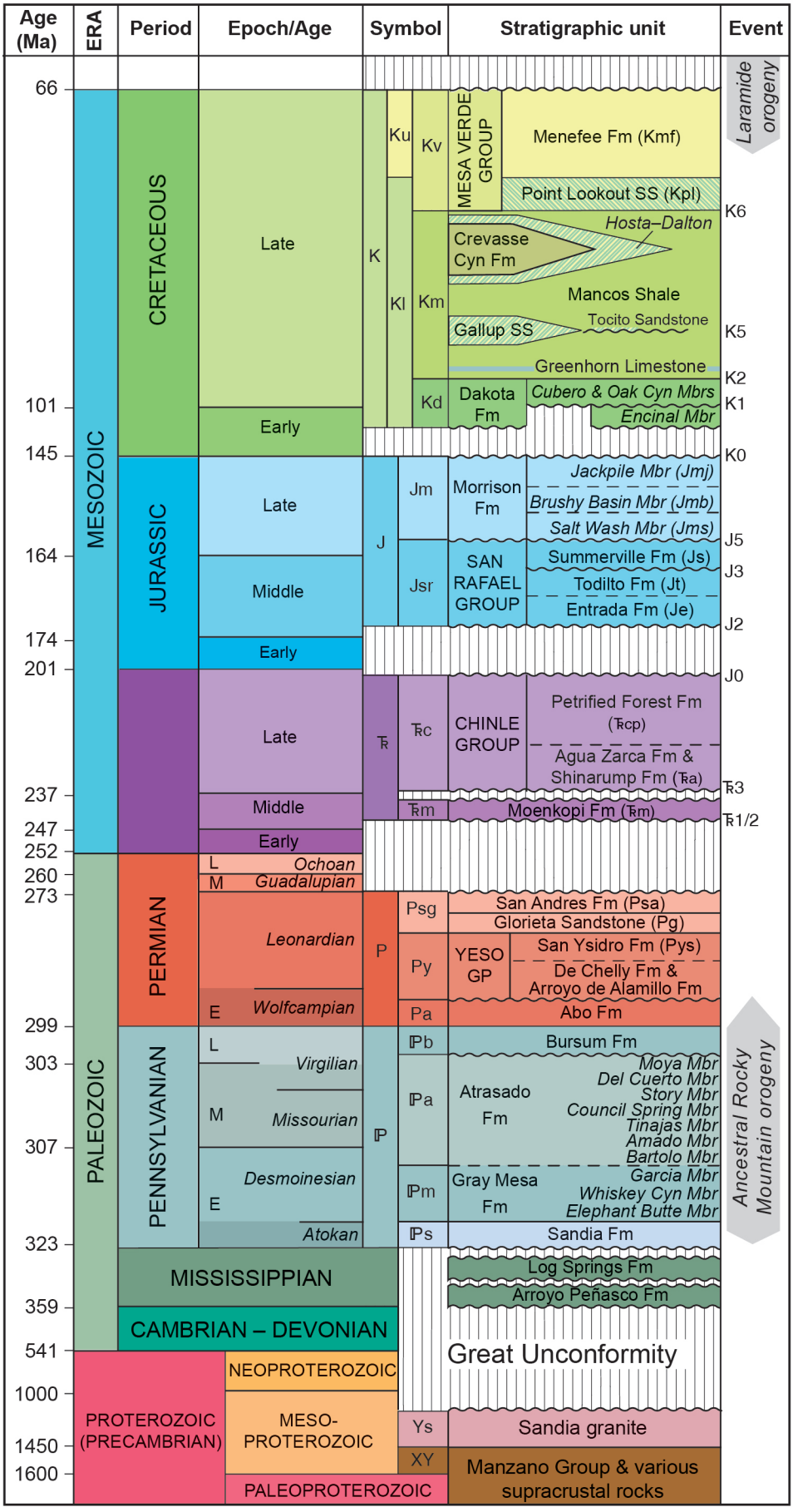
ALBUQUERQUE REGION CENOZOIC STRATIGRAPHIC COLUMN

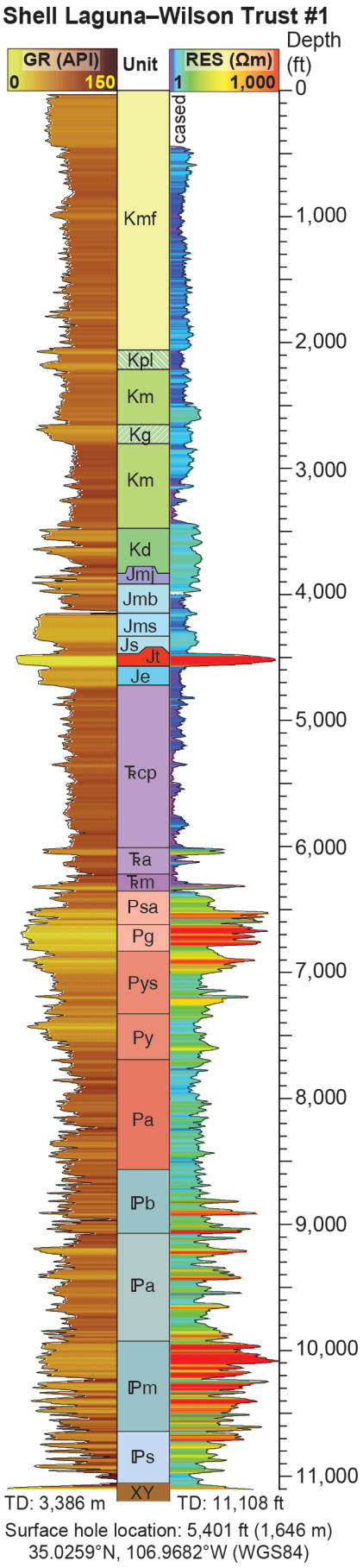
S.D. Connell, D.J. Koning, and S.G. Lucas



ALBUQUERQUE REGION PRE-CENOZOIC STRATIGAPHIC COLUMN

S.D. Connell and S.G. Lucas

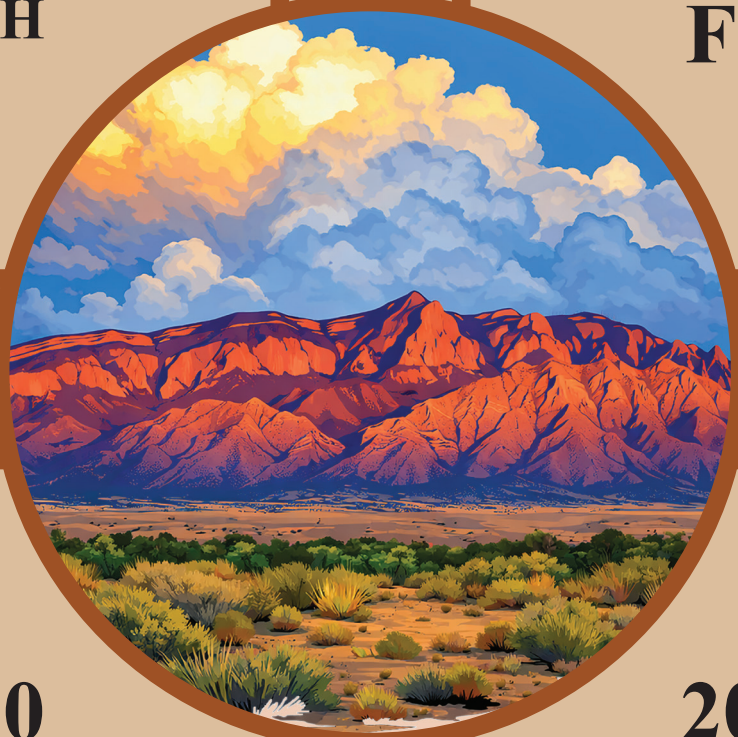




Albuquerque Region

OCTOBER 21–24, 2026

76TH FFC



1950 2026