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Back Matter

(Usually includes a stratigraphic column and/or correlation chart.)

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Annual NMGS Fall Field Conference Guidebooks

Every fall since 1950, the New Mexico Geological Society (NMGS) has held an annual Fall Field Conference that explores some region of New Mexico (or surrounding states). Always well attended, these conferences provide a guidebook to participants. Besides detailed road logs, the guidebooks contain many well written, edited, and peer-reviewed geoscience papers. These books have set the national standard for geologic guidebooks and are an essential geologic reference for anyone working in or around New Mexico.

Free Downloads

NMGS has decided to make peer-reviewed papers from our Fall Field Conference guidebooks available for free download. This is in keeping with our mission of promoting interest, research, and cooperation regarding geology in New Mexico. However, guidebook sales represent a significant proportion of our operating budget. Therefore, only *research papers* are available for download. *Road logs*, *mini-papers*, and other selected content are available only in print for recent guidebooks.

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STRATIGRAPHIC NOMENCLATURE CHART

S.G. Lucas, B.S. Kues, A.P. Hunt, D.W. Love
and T.E. Williamson

ERA	PER	EPOCH	NORTHERN SAN JUAN BASIN	SOUTHEASTERN SAN JUAN BASIN	CHAMA BASIN
CENOZOIC	NEOGENE	HOLOCENE	Terrace and piedmont deposits — Lava Creek B ash	Terrace and piedmont deposits	Terrace and piedmont deposits — Chama Basalt; Lava Creek B ash; Bandelier Ashes
		PLEISTOCENE		Volcanics	
		PLIOCENE		Santa Fe Group	Sierra Negra Basalt
		MIOCENE			
	PALEOGENE	OLIGOCENE	Minette Volcanics; Chuska Fm.		Abiquiu Formation; Conejos Formation; El Rito Formation
		EOCENE	San Jose Fm.: Tapicitos Mbr., Llaves Mbr., Regina Mbr., Cuba Mesa Mbr.	San Jose Fm.: Tapicitos Mbr., Llaves Mbr., Regina Mbr., Cuba Mesa Mbr.	Blanco Basin Fm.
		PALEOCENE	Animas Formation: Upper Member	Nacimiento Formation; Ojo Alamo Sandstone	
MESOZOIC	CRETACEOUS	LATE	McDermott Mbr. of Animas Fm.; Kirtland Formation: Naashoibito Mbr., Upper Shale Mbr., Farmington Mbr., Lower Shale Mbr.; Fruitland Fm.; Pictured Cliffs Sandstone; Lewis Shale; Mesaverde Group: Clif.f House Ss., Menefee Fm., Point Lookout Ss.; Mancos Shale: Satan Tongue, Hosta Tongue, Mulatto Tongue, Crevasse Canyon Fm.; Gallup Sandstone; Mancos Shale: Juana Lopez Mbr.	Kirtland Formation; Fruitland Fm.; Pictured Cliffs Sandstone; Lewis Shale; Mesaverde Group: Cliff House Ss., Menefee Fm., Point Lookout Ss.; Mancos Shale: Satan Tongue, Hosta Tongue, Crevasse Canyon Fm., Mulatto Tongue, Crevasse Canyon Fm.; Gallup Sandstone; Mancos Shale: Unnamed Shale, Juana Lopez Mbr., Semilla Ss. Mbr., Rio Salado Tongue	Lewis Shale; Cliff House Sandstone; Menefee Fm.; Point Lookout Ss.; Mesaverde Group; Mancos Shale: Upper Shale Unit, El Vado Sandstone Mbr., Lower Smoky Hill Interval, Cooper Arroyo Ss.Mbr., Middle Shale, Juana Lopez Mbr., Lower Shale, Greenhorn Limestone Mbr.

MATCH LINE

MATCH LINE

ERA	PER	EPOCH			
MESOZOIC	JURASSIC		Dakota Ss.: Twowells Ss. Tongue, Whitewater Arroyo Sh. Mbr.(Mancos), Main Body	Dakota Ss.: Twowells Ss. Tongue, Whitewater Arroyo Sh.Mbr., Paguate Tongue, Clay Mesa Tongue(Mancos), Cubero Tongue, Oak Canyon Mbr., Encinal Canyon Mbr.	Graneros Shale Mbr.; Dakota Sandstone
		EARLY			Burro Canyon Fm.
		LATE		Morrison Formation	Morrison Formation
		MIDDLE		Summerville Formation; Todilto Formation: Gypsum Mbr., Limestone Mbr.; Entrada Sandstone	Summerville Formation; Todilto Formation: Gypsum Mbr., Limestone Mbr.; Entrada Sandstone
		EARLY			
	TRIASSIC	LATE		Chinle Group: Petrified Forest Fm., Poleo Formation, Salitral Formation, Agua Zarca Fm.	Chinle Group: Rock Point Fm., Petrified Forest Fm., Poleo Formation, Salitral Formation, Agua Zarca Fm.
		MIDDLE		Moenkopi Fm.	
		EARLY			
PALEOZOIC	PERMIAN	LATE		Glorieta Sandstone; Yeso Formation: San Ysidro Mbr., Meseta Blanca Mbr.	
		EARLY		Abo Formation	Cutler Formation
	PENNSYLVANIAN	LATE			
		MIDDLE		Madera Formation; Sandia Formation	Unnamed Desmoinesian Strata
		EARLY		Osha Canyon Fm.; Log Springs Fm.	
	MISSISSIPPIAN	LATE		Arroyo Peñasco Group: Terrero Fm., Espiritu Santo Fm.	
		EARLY			