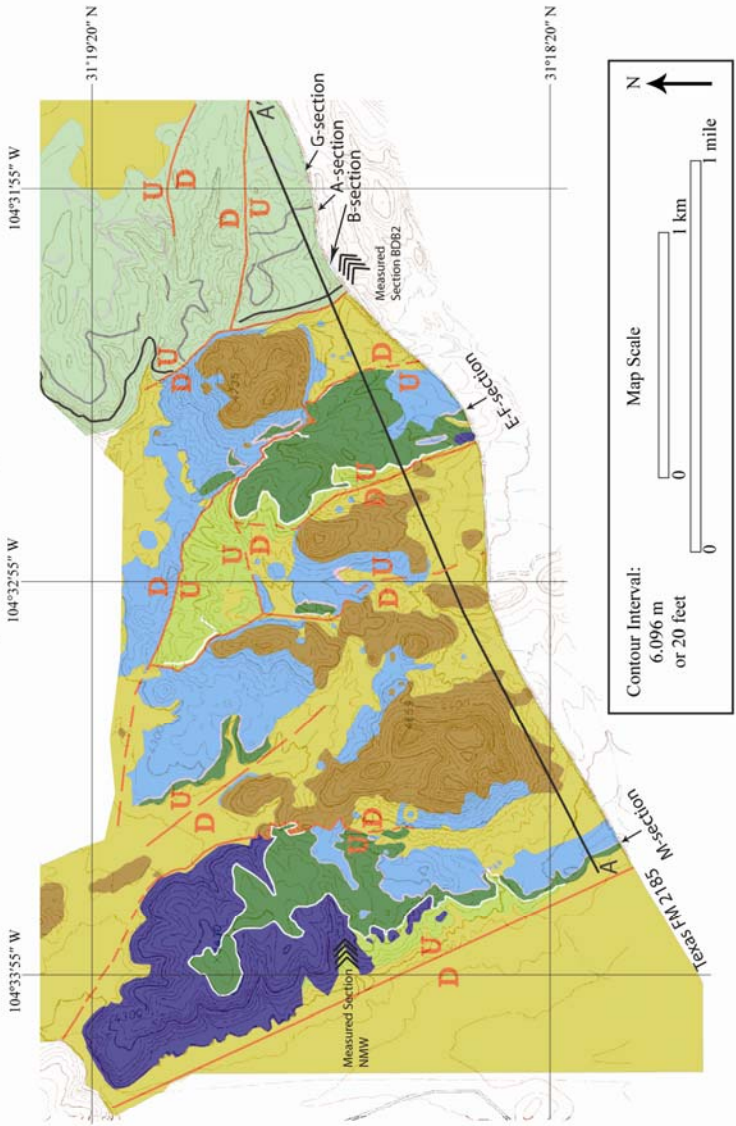


Map (I)

Geologic Map of a Portion of the Northwest Apache Mountains, Southeast Culberson County, Texas, U.S.A.
Walter L. Kennedy
2007

The University of Texas at Arlington



Map (1) - Continued

Legend for Geologic Map

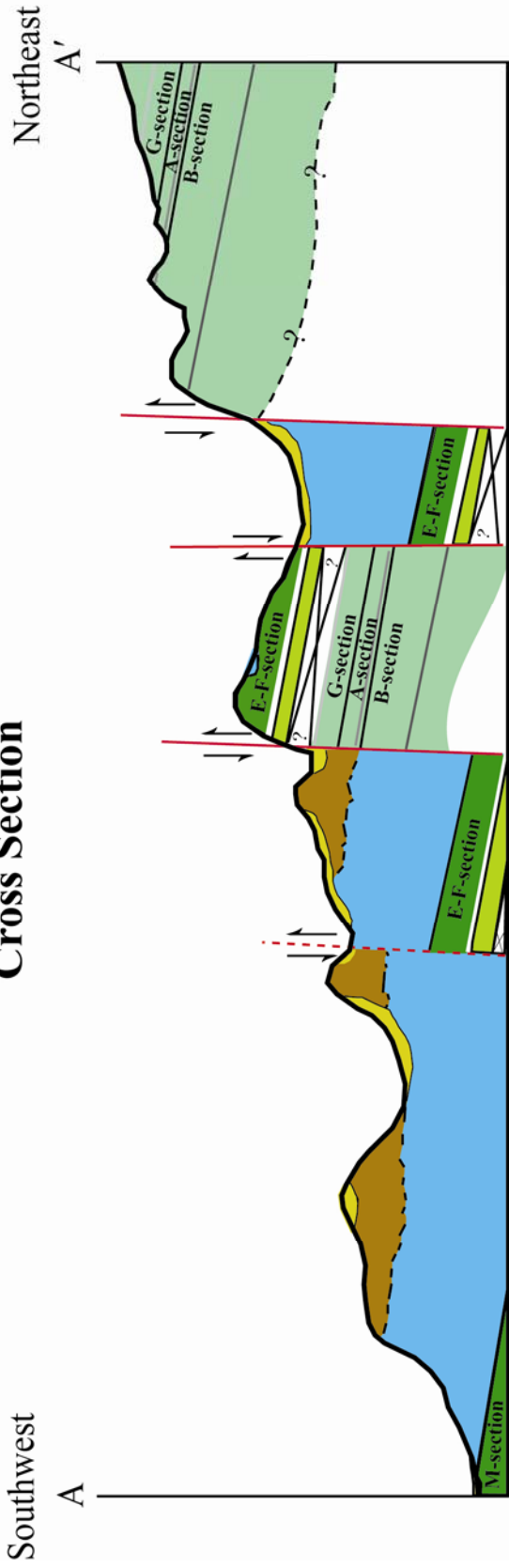
Faults	Measured Section	True North ★ N
Major Fault Fault		
Inferred Fault Fault		

System	Series	Stage	Formation
Middle Permian	Guadalupian (upper portion)	Wordian (upper portion)	Bell Canyon
		Capitanian	Bell Canyon
Late Permian	Lopingian		Castile Rustler
			Castile Rustler

<p>Gravites (subaqueous gravity flows)</p> <p>□ E-F-section</p> <p>□ G-section</p> <p>□ A-section</p> <p>□ B-section</p>	<p>Formations and parts of formations</p> <p>■ Quaternary Alluvium</p> <p>■ Rustler Formation</p> <p>..... Unconformity</p> <p>■ Castile Formation</p> <p>Transition zone between Castile Formation and Bell Canyon Formation</p> <p>■ Bell Canyon Formation (E-F-section packages IV-VII)</p> <p>■ Reefal Debris</p> <p>■ Bell Canyon Formation (below E-F-section gravite and above strata occurring above the G-section)</p> <p>■ Bell Canyon Formation (B, A, and G-sections)</p>
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Map (I) - Continued

Cross Section



Legend for Cross Section

<p>Vertical Scale for Cross Section</p> <p>150 meters</p> <p>0</p>	<p>Horizontal Scale for Cross Section</p> <p>1 km</p> <p>0</p>	<p>Faults</p> <p>Major Fault (red line)</p> <p>Inferred Fault (dashed red line)</p>	<p>Formations and parts of formations</p> <p>Quaternary alluvium (yellow)</p> <p>Rustler Formation (brown)</p> <p>Unconformity (dashed line)</p> <p>Castile Formation (blue)</p> <p>Bell Canyon Formation (E-F and M-Sections) (green)</p> <p>Bell Canyon Formation (below E-F-section gravite and above strata occurring above the G-section) (light green)</p> <p>Bell Canyon Formation (B, A, and G-Sections) (light blue)</p>
<p>Gravites</p> <p>E-F-section (white)</p>		<p>Incomplete or Missing Section</p> <p>G-section (light blue)</p> <p>A-section (light green)</p> <p>B-section (light blue)</p>	