53-161
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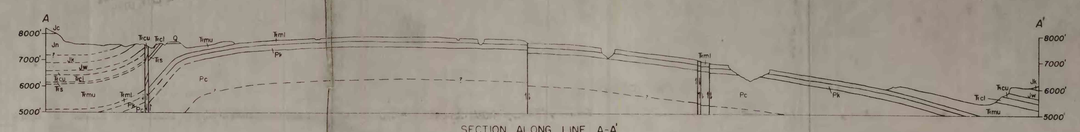
U. S. GEOLOGICAL SURVEY
SALT LAKE CITY, UTAH

Base map prepared from plane-table sheet and Land Survey township plats

Geology mapped in 1951-52



SECTION ALONG LINE A-A'
HORIZONTAL AND VERTICAL SCALE SAME AS SCALE OF MAP
Datum is mean sea level

EXPLANATION

Age	Unit	Symbol	Description	Period
Recent and Pleistocene		Q	Quaternary deposits	QUATERNARY
			UNCONFORMITY	
Upper Jurassic	San Rafael group	Jc	Carmel formation	JURASSIC
			UNCONFORMITY	
	Glen Canyon group	Jn	Navajo sandstone	JURASSIC (?)
		Jk	Kayenta formation	
		Jw	Wingate sandstone	
			UNCONFORMITY	
Upper Triassic		TRcu	Chinle formation, upper	TRIASSIC
		TRcl	Chinle formation, lower	
		TRs	Shinarump conglomerate	
			UNCONFORMITY	
Lower Triassic		TRmu	Moenkopi formation, upper	
		TRml	Moenkopi formation, lower	
			UNCONFORMITY	
		Pk	Kaibab limestone	PERMIAN
		Pc	Coconino sandstone	

Contact, dashed where approximately located

Fault, dotted where concealed. U, upthrown side; D, downthrown side

Strike and dip of beds

Strike and dip of overturned beds

Strike of vertical beds

Dry hole

Improved Unimproved
Roads

Buildings Bridges

Perennial Intermittent
Streams

County boundary line

Reservation boundary line

TRUE NORTH
MAGNETIC NORTH
15½°
APPROXIMATE MEAN DECLINATION 1952

GEOLOGIC MAP
OF THE
MINERS MOUNTAIN AREA, WAYNE COUNTY, UTAH

By R. G. Luedke

Scale 1:31,680

1 ½ 0 1 Miles

1953

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OPEN FILE REPORT
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This map is preliminary and has not been edited or reviewed for conformity with Geological Survey standards or nomenclature.