

# EXPLANATION

QUATERNARY	Qd	mine dumps	Qal	alluvial deposits undifferentiated
	Qc	soil debris and landslides		
	Qya	younger alluvial deposits		
	Qoa	older alluvial deposits		
TERTIARY	Tr	rhyolitic welded tuff	TRIASSIC(?) to TERTIARY	
	qi	intrusive rocks f - felsic		
	ql	quartz latite		
	gd	granodiorite		
TRIASSIC	Rau	AUGUSTA MOUNTAIN FORMATION * Upper Member	TRIASSIC	
	Rpc	Panther Canyon Member		
	disconformity			
	Rp	PRIDA FORMATION *		
UPPER DEVONIAN to MIDDLE PERMIAN	disconformity		UPPER DEVONIAN to MIDDLE PERMIAN	
	Rcm	CHINA MOUNTAIN FORMATION		
	minor angular unconformity			
	Rk	KOIPATO FORMATION		
UPPER DEVONIAN to MIDDLE PERMIAN	angular unconformity		UPPER DEVONIAN to MIDDLE PERMIAN	
	PDg	HAVALLAH SEQUENCE greenstone		
	PDsc	shale and chert		
	PDcl	quartzose clastics and limestone		
UPPER DEVONIAN to MIDDLE PERMIAN	PDmg	mudstone, chert with minor greenstone	UPPER DEVONIAN to MIDDLE PERMIAN	
	PDm	pebbly mudstone / olistostrome		
	PDj	jasperoid dike		
	PDs	bedded jasper		

\* See Nichols (1972) for a description of these units.

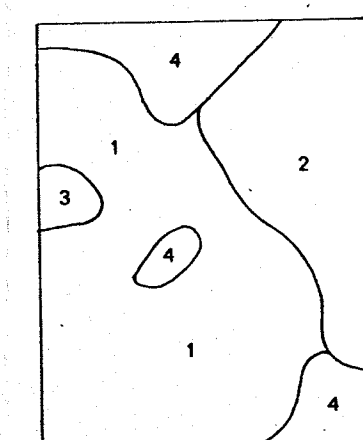
CONTACT: Dashed where approximately located; dotted where concealed.

NORMAL OR STEEP REVERSE FAULT: Ball on side of net downdrop. Dashed where approximately located; dotted where concealed.

LOW ANGLE FAULT: Barbs on structurally higher block. Dashed where approximately located; dotted where concealed.

65 Strike and dip of beds.

70 Approximate strike and dip of crumpled beds.



## SOURCES OF DATA

1. Snyder, W.S., 1973-1977, this report.
2. Nichols, K.M., 1972, Triassic depositional history of China Mountain and vicinity, northcentral Nevada: Stanford Univ. Ph.D. thesis, 141 pp.
3. Silberling, N.J., and Nichols, K.M., unpublished.
4. Unmapped.

## GEOLOGIC MAP OF A PORTION OF THE PANTHER CANYON QUADRANGLE, PERSHING COUNTY, NEVADA

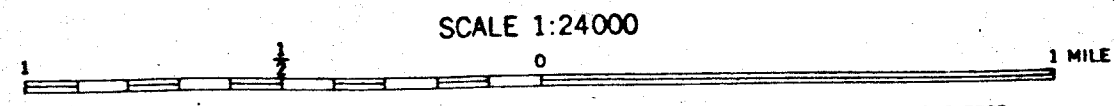
By  
W.S. Snyder  
1977

PLATE I

Mapped by Pacific Area, Geological Survey

This is an unedited copy of an original manuscript including field additions made in 1961

TRUE NORTH  
MAGNETIC NORTH  
APPROXIMATE MEAN DECLINATION, 1961



SCALE 1:24000  
CONTOUR INTERVAL 40 FEET  
DASHED LINES REPRESENT 20-FOOT CONTOURS  
DARTON TO MEAN SEA LEVEL

PANTHER CANYON, NEV.  
PERSHING CO.

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Item 1