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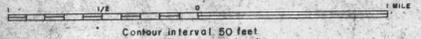
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PRELIMINARY GEOLOGIC MAP OF THE NE 1/4 MOUNT UNION QUADRANGLE, YAVAPAI COUNTY, ARIZONA

By
C. A. Anderson and P. M. Blacet

Scale 1:24000



Contour interval 50 feet
Datum is mean sea level



Eastern and western contacts of
Texas Gulch Formation are faults

Geology by C. A. Anderson 1958-62
and P. M. Blacet, 1959, 1961

EXPLANATION		AGE UNKNOWN	TERTIARY	QUATERNARY
Pliocene (?)	di	AGE UNKNOWN	TERTIARY	QUATERNARY
	di			
	rh			
	gdp			
	fg			
	pg			
	gg			
	qd			
	di			
	qm			
Pleistocene	al	AGE UNKNOWN	TERTIARY	QUATERNARY
	ap			
	db			
	gb			
	gn			
	gp			
	ikt			
	ika			
	ikb			
	ikc			
Recent	ut	AGE UNKNOWN	TERTIARY	QUATERNARY
	st			
	sm			
	su			
	mb			
	gs			
	tg			
	sl			
	cs			
	cs			
<p>Yavapai Series</p> <p>Alder Group</p> <p>Spud Mountain Volcanics</p> <p>Upper unit</p> <p>ut, fine-grained bedded andesitic tuffaceous sedimentary rock</p> <p>st, interbedded rhyolitic tuff</p> <p>sm, intercalated andesite and basalt flows</p> <p>su, undifferentiated</p> <p>Lower unit</p> <p>mb, andesitic breccia and interbedded tuffaceous sedimentary rock</p> <p>gs, intercalated andesite flows</p> <p>st, interbedded rhyolitic tuff</p> <p>su, massive volcanic sandstone</p> <p>Green Gulch Volcanics</p> <p>gb, basaltic flows</p> <p>gp, rhyolitic tuffs and flows(?)</p> <p>tg</p> <p>Texas Gulch Formation</p> <p>Gray slate, bedded rhyolitic sandstone, rhyolitic tuff, and interbedded conglomerate</p> <p>PRODUCTS OF ALTERNATION AND METALLIZATION</p> <p>Quartz lenses, pods, and veins</p> <p>Silicified and sericitized rocks</p>				
<p>80°</p> <p>Contact</p> <p>Dashed where approximately located</p> <p>Fault</p> <p>Dashed where approximately located</p> <p>Minor folds and plunge of axis</p> <p>80°</p> <p>Strike and dip of beds</p> <p>90°</p> <p>Strike of vertical beds</p> <p>Strike and dip of foliation</p> <p>Strike of vertical foliation</p> <p>Strike and dip of foliation and plunge of lineation</p> <p>cb, intersection of cleavage and bedding</p> <p>Approximate strike and top of pillow structure</p> <p>Approximate strike of pillow structure</p> <p>Mine</p> <p>Prompect</p>				

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