

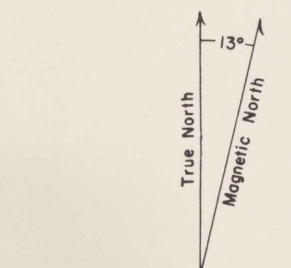
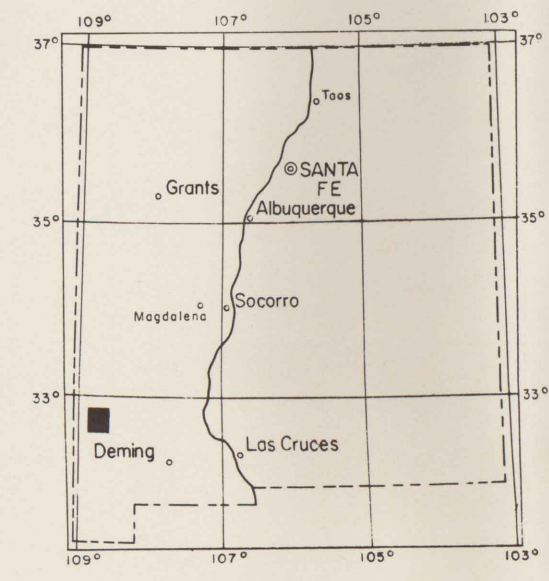
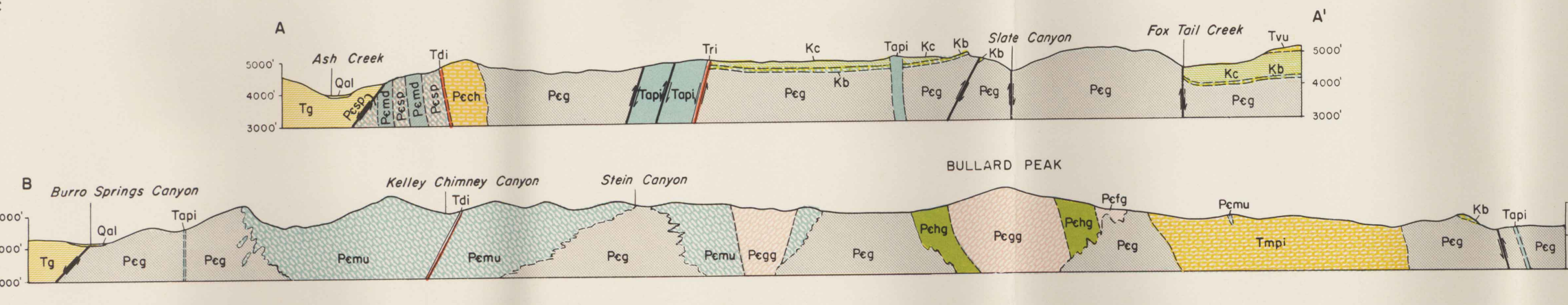
EXPLANATION

Qal	Alluvium	QUATERNARY
Qb	Bolson deposits	
Qc	Terrace gravels	
Qd	Gila conglomerate and associated younger bajada deposits	
Tu	Volcanic rocks undifferentiated	Middle-Upper Tertiary
Tb	Basalt	
Tri	Rhyolite and rhyolite porphyry	TERTIARY
Tapi	Andesite porphyry	
Tmpi	Monzonite porphyry	
Tai	Andesite	
Tdi	Diabase	Upper Cretaceous
Kc	Colorado shale	
Kb	Beartooth quartzite	
Pcg	Granite and related rocks	
Pemd	Metadiabase	
Pca	Anorthosite	
Pcp	Sericite phyllite and andalusite sericite schist	
Pch	Cordierite hornfels	
Pcah	Andalusite hornfels, biotite hornfels, and diopside quartzite	
Psc	Serpentine carbonate rocks	
Pcmu	Migmatite and undifferentiated metamorphic rocks	
Pgg	Granite gneiss	
Pchg	Hornblende gneiss and amphibolite	
Pcsg	Sillimanite gneiss	
Pcpg	Quartz-feldspar gneiss, biotite gneiss and mica schists	
Pcg	Granite and related rocks	PRECAMBRIAN
Pemd	Metadiabase	
Pca	Anorthosite	
Pcp	Sericite phyllite and andalusite sericite schist	
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- Contact
- Dashed where approximately located, dotted where concealed
- Fault
- Dashed where approximately located, dotted where concealed
- Doubtful or probable fault
- Shear zone
- Strike and dip of beds
- Strike and dip of foliation
- Strike of vertical foliation
- Bearing and plunge of lineation
- Strike and dip of joints
- Strike of vertical joints
- Intermittent streams
- Mines
- Prospects and mineral deposits
- c Copper
- f Fluorite
- l Lead
- m Magnesian
- mn Manganese
- ro Radioactive minerals
- s Silver
- t Tungsten

Base map from New Mexico State Highway map SW9C

Geology by C.H. Hewitt, University of Michigan. Surveyed 1954-1955 as part of the Field Assistance Fellowship program. Cartography by A.W. Hamblen.



Approximate mean declination, 1950

GEOLOGY OF THE NORTHERN BIG BURRO MOUNTAINS REDROCK AREA, NEW MEXICO

