GEOLOGIC MAP OF THE GALLUP-ZUNI BASIN NEW MEXICO

By Julian D. Sears and Dean E. Winchester

Base compiled from field sheets and from township plats of the General Land Office

Scale 1/125,000

0 1 2 3 4 5 6 7 8 9 10 MILES

1925

EXPLANATION

SEDIMENTARY ROCKS

Qal	Alluvium	QUATERNARY
Qds	Drifted sand	
Qt	Travertine	
Tu	Undifferentiated	TERTIARY
Kab	Allison barren member	CRETACEOUS
Kgc	Gibson coal member	
Kbb	Bartlett barren member	
Kdc	Dilco coal member	
Kgs	Gallup sandstone member	
Km	Mancos shale	
Kd	Dakota sandstone	
KJmn	McElmo formation (Cretaceous?), Navajo sandstone (Upper Jurassic), and possibly some Todilto formation (Upper Jurassic)	JURASSIC AND CRETACEOUS (?)
Jw	Wingate sandstone	JURASSIC OR TRIASSIC
Rcs	Chinle formation and Shinarump conglomerate (Upper Triassic?)	TRIASSIC
Rm	Moenkopi formation	
Cc	Chupadera formation	CARBONIFEROUS

Recent; *Upper Cretaceous*; Mesaverde formation; *Lower Cretaceous(?) and Upper Jurassic*; MILITARY RESERVATION; FORT WINGATE; *Upper Triassic*; *Lower Triassic*; *Permian*

IGNEOUS ROCKS

Basalt, andesite, and augite minette — CRETACEOUS(?) TO QUATERNARY(?)

Anticlinal axis

Strike and dip of rocks

KEY MAP SHOWING TYPES OF EXAMINATION

- Reconnaissance mapping (Sears and others) 1920
- Extremely detailed mapping (Sears) 1919–1920
- Scattered observations (Sears and others) 1920
- Reconnaissance mapping (Sears) 1920
- Detailed and reconnaissance mapping (Ross) 1921
- Detailed mapping (Winchester) 1912

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