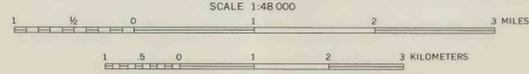


EXPLANATION		
Qal	Alluvium Unconsolidated gravel, sand, and silt. Generally very fine to medium sand interbedded with coarse sand and gravel. Yields from 2 to at least 150 gpm of water to domestic, stock, and test wells	QUATERNARY
Qwe	Windblown sand Unconsolidated dune sand	QUATERNARY
Qb	Basalt Fine-grained olivine basalt flows containing many fractures and collapse features. Generally yields from 50 to 100 gpm of water to domestic and stock wells	QUATERNARY
Tb	Basalt and dikes Tb, basalt capping on some of the high mesas north of the Rio San Jose. i, intrusive basaltic dikes trending northward. Wells are not known to tap these units in the project area	TERTIARY
Km	Mesaverde Group, undivided Sandstone, shale and coal in alternate beds. Wells are not known to tap this unit in the project area	CRETACEOUS
Kd	Manous Shale Dark-gray shale and interbedded sandstone. Yields from 5 to 20 gpm of water to domestic and stock wells	CRETACEOUS
Kd	Dakota Sandstone Fine- to medium-grained sandstone and interbedded carbonaceous shale; basal conglomerate present in places. Yields from 5 to 50 gpm of water to domestic and stock wells	CRETACEOUS
Jm	Morrison Formation Variegated shale, claystone, and interbedded sandstone. Yields from 5 to 10 gpm of water to domestic and stock wells	CRETACEOUS
Jb	Bluff Sandstone Fine- to medium-grained crossbedded sandstone. Generally yields from 2 to 10 gpm of water to domestic and stock wells	CRETACEOUS
Js	Summerville Formation Siltstone and fine- to medium-grained cliff-forming sandstone. Wells are not known to obtain water from this formation in the area mapped	JURASSIC
Jt	Todilto Limestone Massive gypsum and a basal bed of fissile limestone. Gypsum thins to the south. Wells are not known to obtain water from this formation in the area	JURASSIC
Je	Entrada Sandstone Fine- to medium-grained crossbedded sandstone. One domestic well reportedly yields 8 gpm of water. Another was abandoned because the water was too saline for domestic or stock use	JURASSIC
Contact Dashed where indefinite or approximately located; dotted where covered by talus		
Igneous dike Dashed where indefinite or approximately located		

RECONNAISSANCE GEOLOGIC MAP OF PARTS OF THE ACOMA AND LAGUNA INDIAN RESERVATIONS, NEW MEXICO



Base from U. S. Geological Survey Quadrangles, 1957

Geology by G. A. Dinwiddie, 1960