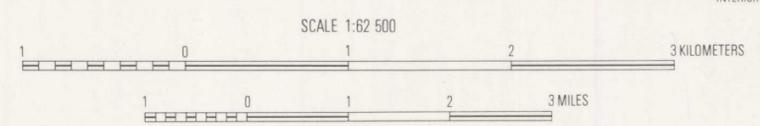
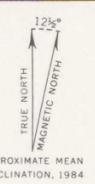


CORRELATION OF MAP UNITS

Qal	UNCONFORMITY	QUATERNARY
QTcb		
Ta	UNCONFORMITY	QUATERNARY OR TERTIARY
Tw		
Tsp	UNCONFORMITY	TERTIARY
Tst		
Tsm		
Tse		
Pts	UNCONFORMITY	PALEOZOIC
Yd		
Yta	UNCONFORMITY	MIDDLE PROTEROZOIC
Yr		
YXm	UNCONFORMITY	MIDDLE OR EARLY PROTEROZOIC
Xp		
Xp	UNCONFORMITY	EARLY PROTEROZOIC

DESCRIPTION OF MAP UNITS

Qal	ALLUVIUM AND COLLUVIUM (QUATERNARY)
QTcb	CONGLOMERATE AND BASALT (QUATERNARY AND TERTIARY)—Interbedded
Ta	APACHE LEAP TUFF (TERTIARY)
Tw	WHITETAIL CONGLOMERATE (TERTIARY)
SCHULTZE GRANITE	
Tsp	Porphyry phase
Tst	Transitional phase
Tsm	Main phase
Tse	Early phase
Pts	SEDIMENTARY ROCKS—Includes Naco Limestone (Pennsylvanian), Escabrosa Limestone (Mississippian), and Martin Limestone (Devonian)
Yd	DIABASE (MIDDLE PROTEROZOIC)—Chiefly thick sills
Yta	TROY QUARTZITE AND APACHE GROUP (MIDDLE PROTEROZOIC)—Apache group includes (descending order) basalt, Mescal Limestone, Dripping Spring Quartzite (with Barnes Conglomerate Member at base) and Pioneer Formation (with Scanlan Conglomerate Member at base)
Yr	RUIN GRANITE AND LOST GULCH QUARTZ MONZONITE (MIDDLE PROTEROZOIC)
YXm	MADERA DIORITE, WILLOW SPRING GRANODIORITE, AND SOLITUDE GRANITE (MIDDLE OR EARLY PROTEROZOIC)
Xp	PINAL SCHIST (EARLY PROTEROZOIC)—Includes granite of Manitou Hill
—	CONTACT
—	FAULT
—	FAULT—Showing fault breccia
⊕	BRECCIA PIPE
○	OPEN PIT
⊕	LEACH AND WASTE DUMPS



Geology modified from Peterson (1962) and by S.C. Creasey (1977-79)

GENERALIZED GEOLOGY OF THE WESTERN PART OF THE GLOBE-MIAMI DISTRICT, ARIZONA