ARIZONA GEOLOGICAL SURVEY
*Open-File Report 02-12*

# Preliminary Geologic Map of the Salt River Peak 7.5' Quadrangle, Gila County, Arizona

by
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## UNIT DESCRIPTIONS

***Quaternary Deposits***

Axial Stream Deposits

| | |
|---|---|
| Qyrc | Modern alluvium |
| Qyr | Holocene alluvium |
| Qlr | Late Pleistocene alluvium |
| Qmr | Middle Pleistocene alluvium |
| Qor | Early Pleistocene alluvium |

Piedmont deposits

| | |
|---|---|
| Qyc | Modern alluvium |
| Qy | Holocene alluvium (<10 ka) |
| Ql | Late Pleistocene alluvium (10 to 250 ka) |
| Qm | Middle Pleistocene alluvium (250 to 750 ka) |
| Qo | Early Pleistocene alluvium (750 ka to 2 Ma) |

***Late Tertiary Clastic Sedimentary Rocks***

| | |
|---|---|
| Tsg | Conglomerate and sandstone; mostly granitic clasts |
| Tsa | Conglomerate and sandstone; abundant andesite clasts |
| Tsag | Conglomerate and sandstone; Apache Group clasts |
| Ts | Fine-grained sandstone and conglomerate |
| Tsm | Tilted conglomerate and sandstone along Pinal Creek |

***Middle Tertiary Rocks***

| | |
|---|---|
| Ttax | Breccia of Apache Leap Tuff |
| Tta | Apache Leap Tuff |
| Ttan | Apache Leap Tuff, non-welded |
| Td | Dacite |
| Tbx | Basalt breccia |
| Tb | Basalt |
| Tcv | Volcaniclastic sandstone and conglomerate |
| Tc | Basal conglomerate |

***Diabase***

| | |
|---|---|
| Yd | Diabase |

***Apache Group***

| | |
|---|---|
| Ym | Mescal Limestone |
| Yds | Dripping Spring Quartzite, undivided |
| Ydsb | Dripping Spring Quartzite, Barnes Conglomerate member |
| Yc | Conglomerate within the Dripping Spring Quartzite |
| Yp | Pioneer Formation |
| Ys | Scanlan Conglomerate |

***Early Proterozoic Rocks***

| | |
|---|---|
| Yg | Megacrystic K-feldpsar-porphyritic granite |
| Xg | Foliated medium- to coarse-grained granodiorite |

N

SCALE 1:24 000

KILOMETERS 0 .5 1 2
METERS 1000 0 1000 2000
MILES 0 .5 1
FEET 1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000

CONTOUR INTERVAL 40 FEET

To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

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