

# GENERALIZED GEOLOGY

## TONTO BASIN, GILA COUNTY, ARIZONA

### EXPLANATION



- |                      |                   |  |
|----------------------|-------------------|--|
|                      | Tu                | Tertiary and Quaternary undivided  |
|                      | Pu                | Paleozoic undivided  |
|                      | Au                | Precambrian Y Apache Group und.  |
| <b>PRECAMBRIAN X</b> |                   |  |
|                      | al                | alaskite   |
|                      | gvm<br>gvt<br>gvu | Green Valley Granophyre<br>Mescal Ridge phase<br>Thompson Wash phase<br>granophyre undivided |
|                      | kr                | King Ridge Rhyolite  |
|                      | hgb<br>hgs        | Hell's Gate Rhyolite<br>Blue Dog phase<br>Salt Lick phase                                    |
|                      | rhc               | rhyolite of Hog Canyon   |
|                      | pg                | Payson Granite   |
|                      | gcd<br>gch        | Gibson Complex<br>diorite, gabbro, minor felsic rocks<br>hornblende granophyre               |
|                      | mp<br>mu<br>b     | maficite porphyry<br>maficite undivided<br>bucite  |
|                      | gp                | Gisela pendants  |
|                      | cmq               | Christopher Mountain Quartzite   |
|                      | hor<br>hru<br>hwc | Haigler Group<br>Oxbow Rhyolite<br>rhyolite undivided<br>Winter Camp Formation               |
|                      | abc               | Board Cabin Formation  |
|                      | ah                | Houden Formation   |
|                      | afw               | Flying W Formation   |
|                      | ab                | Breadpan Formation   |
|                      | apb               | pre(?) - Breadpan rocks  |
- 
- |  |     |   |
|--|-----|---|
|  | 50° | bedding, overturned                                   |
|  | 80° | flow banding, vertical                                |
|  | 60° | contact, inferred, attitude                           |
|  | 85° | fault, inferred, attitude, sense of throw             |
|  | 15° | thrust fault, inferred, attitude, teeth - upper plate |
|  |     | anticline, inferred                                   |
|  |     | syncline, overturned, inferred                        |