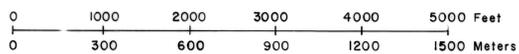


SCALE 1:1000



EXPLANATION

- | | | |
|---------------------|--|---|
| CENOZOIC | | Rhyolite Porphyry Dikes |
| | | Aplite Dikes |
| | | Reef of Rock Granite
Fine-grained leucocratic granite. |
| | | Catalina Granite
Showing internal fine-grained phases. |
| MESOZOIC - CENOZOIC | | Leatherwood Quartz Diorite |
| | | Granodiorite Porphyry
Metadiorite of Wallace (1954). |
| PALEOZOIC | | Mississippian Escabrosa Limestone |
| | | Devonian Martin Formation |
| | | Cambrian Abrigo Formation |
| | | Cambrian Bolsa Quartzite
Includes the Troy Quartzite of Wallace (1954). |
| UNCONFORMITY | | |
| YOUNGER PRECAMBRIAN | | Diabase
Includes strombolite diabase sills and dikes. May also include younger diabasic intrusions. |
| | | Mescal Limestone |
| | | Dripping Spring Quartzite
Includes Barnes Conglomerate as basal unit. |
| | | Pioneer Formation
Includes Scanlon Conglomerate as a basal unit. |
| UNCONFORMITY | | |
| OLDER PRECAMBRIAN | | Dacite Dike |
| | | Oracle Granite
Quartz monzonite porphyry as defined by Peterson (1938). Local cataclastic foliation. |

Symbols

- Contact, dashed where concealed; dotted where poorly defined; hachured where gradational; shows local dip of contact.
- Fault, showing local dip of fault plane and measurement of slickenside lineations, dashed where concealed; dotted where poorly defined.
- Reverse fault (teeth on hanging wall).
- Syncline, showing trace of axis and degree and direction of plunge.
- Minor folds showing trend and plunge of fold axis.
- Strike and dip of strata.
- Strike and dip of foliation showing trend and plunge of mineral lineation.
- Vertical foliation.
- Joint.
- Vertical joint.
- Schlieren.
- Orientation of inclusions.

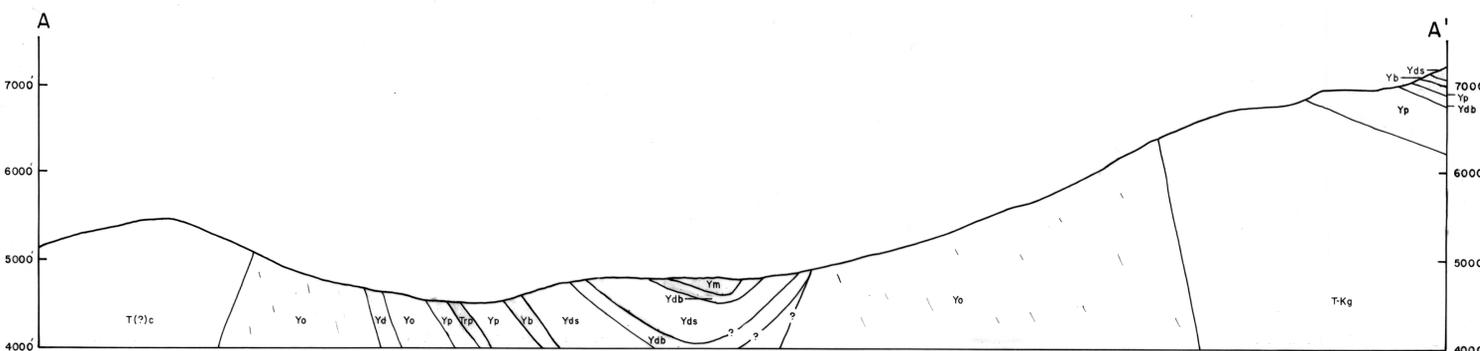
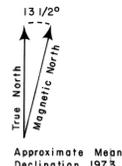


Figure 2. Geologic Map and Section of the Cañada del Oro Valley Headwaters, Santa Catalina Mountains, Pima-Pinal Counties, Arizona

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