

EXPLANATION

- | | | |
|---|--|---|
| QUATERNARY | Qal
Younger alluvium
(stream deposits & alluvial fans) | Qp
Playa |
| TERTIARY | Andesite plugs
Qaa | |
| | Older alluvium
(fanglomerate, lake beds, & terraces)
- contact not exposed -
Tb | |
| | Monolithic breccia
(composed of Noonday dolomite)
- contact not exposed -
Tad | Td |
| | Andesite dikes | Basalt dikes |
| | Rhyolite intrusives | |
| | Andesite plugs | |
| | Flows, agglomerates, & tuffs | Rhyolite tuff |
| | Granite & pegmatite dikes
Jqm | |
| | Quartz monzonite stocks | |
| | Rhyolite intrusives | |
| MESOZOIC | Andesite, diorite, & granodiorite dikes | Granodiorite & quartz monzonite plutons |
| | Rwa | Rgm
Rgd |
| | (Upper member - andesite flows) | |
| | Rwp | |
| | (Lower member - pebbles) | |
| | Warm Spring formation | |
| | Rb | |
| | Butte Valley formation
(meta-sediments)
- unconformity - | |
| | Pa | |
| | Anvil Spring formation
(limestone)
- contact not exposed - | |
| PALEOZOIC | Lotus formation
(limestone) | |
| | A-Cw2 | |
| | (Upper member - algal limestone, shale, & Zabriskie quartzite) | |
| | (Lower member - sandstone & shale) | |
| | A-Cw | |
| | (Undifferentiated) | |
| | Wood Canyon formation
- contact not exposed - | |
| | As | |
| | Stirling quartzite | |
| | Aj2 | |
| (Upper member - mostly shale & sandstone) | | |
| Aj1 | | |
| (Lower member - sandy dolomite, & quartzite) | | |
| Johnnie formation | | |
| An | | |
| Noonday dolomite
- unconformity - | | |
| Ak3 | | |
| South Park member (Upper)
(sandstone, shale, & conglomerate) | | |
| Ak2 | | |
| Sour Dough limestone member (Middle) | | |
| Ak1 | | |
| Surprise member (Lower)
(conglomeratic subgraywacke) | | |
| Ak | | |
| Undifferentiated
(includes all 3 members) | | |
| Kingston Peak formation
- unconformity - | | |
| Ar | | |
| Gneiss & schist | | |

EXPLANATION

- Contact accurately located
- Contact approximately located
- Alluvial contact
- Exposed fault
- Approximately located or inferred fault
- Inferred trace of pre-intrusive fault
- Mappable sandstone bed
- Mappable carbonate bed
- Axis of anticline, dashed where approximately located
- Strike and dip of beds
- Strike and dip of overturned beds
- Strike of vertical beds
- Horizontal beds
- Fossil locality
- Fault zone
- Mine shaft
- Mine tunnel

GEOLOGIC MAP OF A PART OF THE MANLY PEAK QUADRANGLE, PANAMINT RANGE, CALIFORNIA

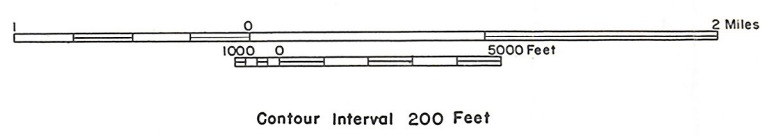


Fig. 1. Geologic map of a part of the Manly Peak quadrangle, Panamint Range, California.

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