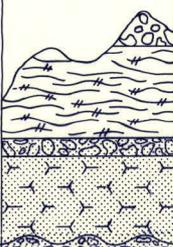
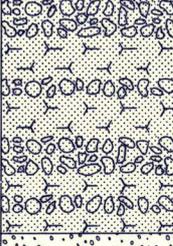
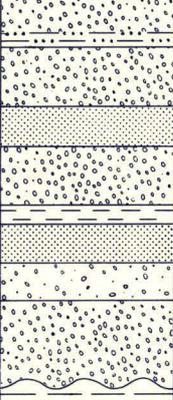
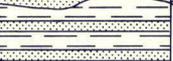
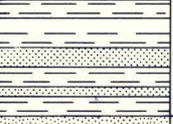
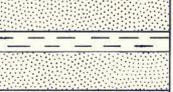
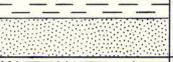
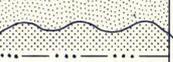
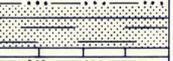
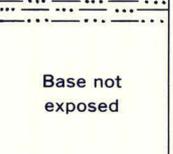


| AGE | FORMATION | SECTION | THICKNESS, IN FEET | CHARACTER OF ROCK | |
|--------------------------|--------------------------|---|---|--|--|
| Late and middle Tertiary | Silverton Volcanic Group |  | 500-700 | Pale-red lithic-crystal tuff, greenish andesitic to dark quartz latitic breccia, and pyroxene andesite flows; forms cliffs and steep slopes. | |
| | EROSION SURFACE | | | | |
| | San Juan Formation |  | 600 | Grayish-green to purple andesitic to quartz-latitic tuffs, tuff breccias, and tuffaceous sandstones; in part water laid; forms cliffs and steep slopes. | |
| Oligocene(?) | Telluride Conglomerate |  | 400-1000 | Pale-red arkosic conglomerate, sandstone, and siltstone; contains some thin red to gray claystones; forms cliffs. | |
| | UNCONFORMITY | | | | |
| Late Cretaceous | Mancos Shale |  | 1500-2500 | Gray to black marine shale, a few thin fossiliferous limestone beds, mostly near the base, and a thin fine-grained sandstone unit in places near top of formation; forms wooded slopes above mesa rims. | |
| | Dakota Sandstone |  | | Light-colored conglomeratic sandstone and conglomerate at base; interbedded carbonaceous shales, siltstones, some thin coal beds, and a few thin sandstones in middle; interbedded sandstone and carbonaceous shales at top; forms alternate cliffs, slopes, and ledges. | |
| Early Cretaceous | Burro Canyon Formation |  | 150-200 | Light-colored conglomeratic sandstone and conglomerate; contains chert pebbles, green or gray mudstones and siltstones; fills channels cut in Brushy Basin Shale Member. | |
| | UNCONFORMITY | | 0-40 | | |
| Late Jurassic | Morrison Formation | Brushy Basin Shale Member |  | 400-500 | Variiegated red to green mudstones and thin-bedded very fine grained sandstones; most units limy; forms covered slopes. |
| | | Salt Wash Sandstone Member |  | 400-450 | Light-colored thick lenticular crossbedded medium-grained sandstones and some thin interbedded red-brown to gray-green mudstones; forms cliffs, ledges, and slopes. |
| | Wanakah Formation | Marl member |  | | Greenish-gray to red-brown limy siltstone and a few thin limy sandstones near top. |
| | | Bilk Creek Sandstone Member |  | 70-120 | Light-colored thin even-bedded fine-grained sandstone; distinctive thin-bedded "carnelian" chert-bearing sandstone at top; forms rounded or ledgy cliff. |
| | | Pony Express Limestone Member |  | 25-35 | Dark-gray to black bituminous limestone; absent through most of area west of Barlow Creek, present in subsurface east of Barlow Creek, and probably throughout east half of quadrangle; may be 2 or 3 times thickness indicated. |
| | Entrada Sandstone |  | 0-1 | | |
| | UNCONFORMITY | | 100 | | |
| Late Triassic | Dolores Formation |  | 300+ | Light-colored crossbedded massive sandstone; mixed grain sizes in lower part; some thin even-bedded sandstone at top; forms rounded cliff; host to uraniumiferous vanadium deposits both north and south of quadrangle. Red siltstone, fine-grained sandstone, shale, and a few thin limestone pebble conglomerates; base not exposed; forms slopes and ledges. | |
| | | Base not exposed | | | |

GENERALIZED COLUMNAR SECTION OF THE SEDIMENTARY AND VOLCANIC ROCKS
OF THE MOUNT WILSON QUADRANGLE, COLORADO