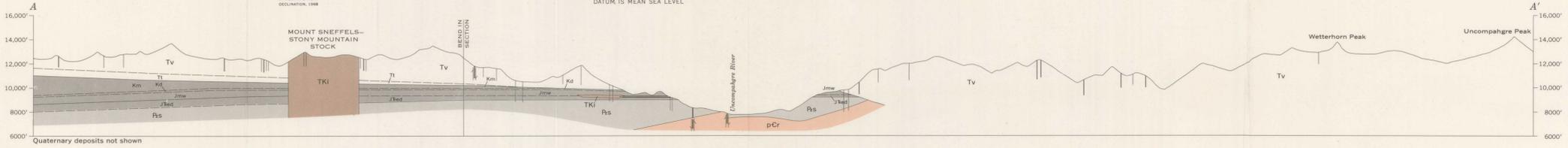
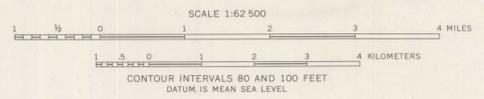


**EXPLANATION**

- Quaternary deposits**  
Includes landslide material, talus and related material on slopes, alluvium in stream valleys, and unconsolidated glacial debris
- Tertiary volcanic and sedimentary rocks**  
Includes lava flows, flow breccias, explosive ejecta, and sedimentary and welded ash-flow tuffs representing the Potosi Volcanic Group, Silverton Volcanic Group, and San Juan Formation and conglomerate beds representing the Telluride Conglomerate  
In section only:  
Tvs, volcanic  
Tt, Telluride Conglomerate
- Tertiary or Upper Cretaceous intrusive rocks**  
Includes a stock, lacoliths, sills, and dikes of granodiorite and elastic dikes, all of early Tertiary or Late Cretaceous age in the Ouray area and the lower part of Cone Creek; stocks, plugs, and dikes of mafic to silicic composition, all of middle to late Tertiary age, at other places in the primitive area
- Mesozoic sedimentary rocks**  
Includes beds of conglomerate, sandstone, shale, and limestone  
In section only:  
Km, Mancos Shale of Cretaceous age  
Kd, Dakota Sandstone of Cretaceous age  
Jmw, Morrison and Wanakah Formations of Jurassic age  
Jbed, Entrada Sandstone of Jurassic age and Dolores Formation of Triassic age
- Paleozoic sedimentary rocks**  
Includes beds of conglomerate, sandstone, shale, and limestone, representing the Permian Cutler Formation, Pennsylvanian Hermosa and Moles Formations, Mississippian Leadville Limestone, and Devonian Ouray Limestone and Elbert Formation
- Precambrian rocks**  
Includes beds of metasedimentary quartzite and slate, and dikes and sills of diabase and granite
- Contact**
- Vein or mineralized fracture**
- Fault**  
Dashed where approximately located; dotted where concealed.  
Bar and ball on downthrown side
- Approximate boundary of the Uncompahgre Primitive Area**  
From U.S. Forest Service, January 1966
- Approximate boundary of additional study area**  
From U.S. Forest Service, January 1966

Base from U.S. Geological Survey: Lake City, 1:62,500, 1903; Montrose, 1:125,000, 1909; Ouray, 1:62,500, 1902; Silverton, 1:62,500, 1955, and Telluride, 1:62,500, 1955

Geology by R. G. Luedke, in part modified from Luedke and Burbank (1962) and Burbank and Luedke (1964, 1966)



**GEOLOGIC MAP OF THE UNCOMPAHGRE PRIMITIVE AREA, COLORADO**