



Photo 5. Saguache Creek Tuff (Tsc, 32.2 Ma).

A. Cliffs of exceptionally thick densely welded Saguache Creek Tuff (Tsc), overlying andesitic lavas of the Conejos Formation (Tca) that are largely concealed beneath slope colluvium; view to east, east fork of Antelope Creek (TM).

B. As viewed across Saguache Creek, typical densely welded Saguache Creek Tuff (Tsc) forms basal cliff, on southeast flank side of Trickle Mountain (TM). Thick weakly welded upper part of the Saguache Creek Tuff (Tscn) underlies debris-covered slopes beneath capping lava flow, andesite of Lone Tree Gulch (Tla).

C. Basal Saguache Creek Tuff, underlain by weakly indurated cross-bedded ash (wind-blown dunes?). Saguache Creek Tuff is welded nearly to its base; lower dark zone is vitrophyre about 2 m thick, overlain by red-brown devitrified tuff. Note orange highway cone in lower left for scale. Roadcut along Colorado Hwy 114 (sample no. 99L-20A, LMNE).

D. Gas-cavity (lithophysal) zone within densely welded Saguache Creek Tuff. Roadcut along Colorado Hwy114 (LM).