



Weathering zone in granitic rock with rounded boulders emerging from bedrock joints at the base of the weathering zone. Sediment eroded from the site enters the roadway and is delivered to Sullivan Creek. Location is along Phoenix Lake Road downhill from Bellevue Creek Road.



Close up view of weathered granitic boulder from exposure in the previous photograph.





Lower portion of the granitic exfoliation surface shown in Figure 4-4. Sediment is delivered to Phoenix Lake Road and then to Sullivan Creek. Weathered zone in Figure 4-1 is across from the telephone pole.



Granitic exfoliation surface along Sullivan Creek in vicinity of Crystal Falls Drive. View is from Phoenix Lake Road.





Shallow soils on moderate gradient slopes in the lower watershed metamorphic zone. Minimal soil erosion and minimal sediment delivery occurs except in localized and shallowly incised stream channels.



Shallow soils and physical weathering of bedrock in the lower watershed metamorphic rock zone. Site is a canyon along lower Curtis Creek (GPS point in Figure 4-9).



Rills developed in Mehrtens Formation along Highway 108 in Twain Harte.





Weathering zone in granitic rocks in Twain Harte behind a commercial parking lot. Deep rills deliver sediment to parking lot and then to storm water system and then to Twain Harte Creek.



Remnant boulders being eroded from the same weathering zone shown in the previous photograph. This site is just below the base of the overlying Mehrten Formation.





Boulder remnant within granitic weathering zone along Phoenix Lake Road near Oakhaven Lane. Rills deliver eroded sediment to roadway and Sullivan Creek.



Two large boulder remnants from the granitic weathering zone along Middle Camp Road near Pinewood Lane in the Upper Sullivan Creek watershed.





Deeply weathered granite and emerging boulder at Standard along Camage Avenue. The site is adjacent to Curtis Creek and similar large boulders are found along the creek.



Exfoliation surface and sheets in granitic rocks with remnant soil and remnant weathered material. Site is along Phoenix Lake Road where it crosses Sullivan Creek.