



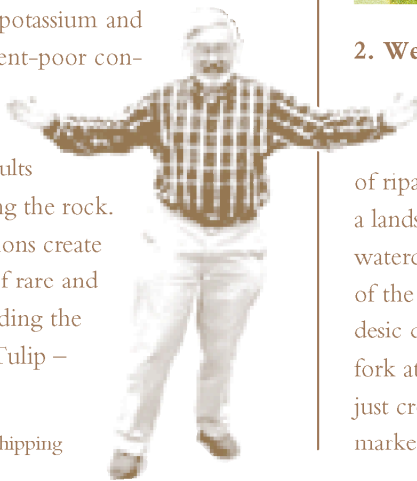
A Geological Tour of Poly Canyon



1. Serpentinite Outcrops

View of serpentinite outcrops on the back of Caballo Peak across an unnamed creek on the south side of the architectural area. The serpentinite weathers to soils deficient in many soluble metals such as potassium and sodium, creating nutrient-poor conditions that result in poorer vegetation cover. This in turn results in soil erosion, revealing the rock. However these conditions create habitat for a number of rare and beautiful flowers including the San Luis Obispo Star Tulip –

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Calichortus obispoensis – and the Yellow Mariposa lilly – *Calichortus clavatus*. There is a fault line approximately along the line of the creek, or at this location below the spring or seep on the far side.



2. Westward Fork

Looking westward at the fork in the road in the architectural area. The distant line of riparian vegetation marks the eastern margin of a landslide. The same line of vegetation follows a watercourse that continues downhill to the right of the picture and fills the gully below the geodesic dome, and it converges with the westward fork at the barbeque pit above the bridge we have just crossed. The frontal lobe of the landslide is marked by the fork in the road. The creek on the