



Moraines in Bailey Creek

View looking north from Red Rock Mountain across the South Fork Bailey Creek (Lassen Peak quadrangle). The brushy ridge extending from the upper right to the left center is the late Pleistocene till of Raker Peak, forming a medial moraine between South Fork and North Fork Bailey Creek. The ridge with the conspicuous bulldozer track is also till of Raker Peak, but to the left of the break in slope (above the road scar) the ridge is made up of the younger till of Anklin Meadows, as are the bare patch and the brushy patch closer to the camera. The bare slope at the lower right is dacite of Red Rock Mountain (unit drr, 672 ± 20 ka), a dome of the Rockland caldera complex of the Lassen Volcanic Center. Hill 6924 is the agglutinate vent of the andesite of Viola (unit av, 313 ± 8 ka), part of the older Twin Lakes sequence of the Lassen Volcanic Center; its flow forms the forested slope to the left. In the right distance is Loomis Peak, composed of the rhyodacite of Loomis Peak (unit rlm, ~ 300 ka), part of the Bumpass sequence of the Lassen Volcanic Center. In the far distance on the left is Latour Butte, an andesitic volcano that is part of the Latour Volcanic Center ($>3,000$ ka).

Photograph by Michael A. Clynne.