



Devastated Area

View looking northeast from summit of Lassen Peak (Lassen Peak quadrangle). Avalanche and debris-flow deposits of May 19–20, 1915 (unit sw9) as well as pyroclastic-flow and fluid debris flow deposits of May 22, 1915 (unit pw2) swept down the northeast face of Lassen Peak. These 1915 deposits overlie the lithic pyroclastic-flow deposit (unit pfl) from partial collapse of the dome of Lassen Peak (unit dl, 27 ± 1 ka) and also cover the paired moraines (unit Qta) on both sides of the Devastated Area. On the east bank of Hat Creek, pyroclastic flows of the rhyodacite of Kings Creek (unit rk, 35 ± 1 ka), andesites of the Diller Sequence, undivided (unit ad, 400–470 ka) of Brokeoff Volcano, and the rhyodacite of Dersch Meadows (unit rd, 193 ± 11 ka, part of the Bumpass sequence) are mantled by till (unit Qta). The dacite of Crescent Crater (unit dc, 236 ± 1 ka) is also part of the Bumpass sequence. The upper part of Raker Peak is the andesite of Raker Peak (unit arp, 270 ± 18 ka, part of the older Twin Lakes sequence), underlain by the rhyolite of Raker Peak (unit rr, 588 ± 69 ka, part of the Rockland caldera complex). Forested slopes to the right of Hat Creek are the andesite of Hat Mountain (unit ah, ~ 40 – 50 ka), part of the younger Twin Lakes sequence.

Photograph by Patrick Muffler.