



Brokeoff Mountain

View looking west from the trail to Bumpass Hell (Lassen Peak quadrangle). Andesites of Mill Canyon (unit amc, 590–470 ka) are part of the Mill Canyon sequence, extensively altered in the eroded amphitheater of Brokeoff volcano. They are overlain by the dacite of Twin Meadows (unit dt, 470 ± 10 ka), the uppermost unit of the Mill Canyon sequence. On Brokeoff Mountain, the overlying andesite of Mount Diller (unit amd, 387 ± 10 ka, part of the Diller sequence) crops out primarily on the west side, away from the camera. The andesite of Glassburner Meadows (unit ag, ~ 450 ka) is also part of the Diller sequence.

Photograph by Patrick Muffler.