



Brokeoff Mountain

Telephoto 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. The overlying andesite of Mount Diller (unit amd, 387 ± 10 ka, part of the Diller sequence) crops out primarily on the west side of Brokeoff Mountain, away from the camera. Dotted lines indicate where contacts (dashed) are hidden by ridges between the contacts and the camera.

Photograph by Patrick Muffler.