



Brokeoff Mountain

Telephoto view looking west from turnout on Calif. Hwy 89 south-southwest of Diamond Peak (Lassen Peak quadrangle). Brokeoff Mountain forms the southwest rim of Brokeoff Volcano and consists primarily of the dacite of Twin Meadows (unit dt, 470 ± 10 ka, the uppermost unit of the Mill Canyon sequence). The underlying andesites of Mill Canyon (unit amc, 590–470 ka, part of the Mill Canyon sequence) display extensive hydrothermal alteration. The overlying andesite of Mount Diller (unit amd, 387 ± 10 ka, part of the Diller sequence) crops out just beyond the summit of Brokeoff Mountain and is not visible in this photograph.

Photograph by Michael A. Clynne.