

Supplementary Table S2. $^{40}\text{Ar}/^{39}\text{Ar}$ step-heating data for biotite sample 8130, Steel Mountain.

Step	Laser Power (Watts)	Ca/K	Cl/K	% ^{40}Ar atm	% ^{39}Ar	$^{40}\text{Ar}^*/^{39}\text{ArK}$	Age
1	0.50	1.611	0.052	18.05	6.37	21.843 +/- 0.717	290.59 +/- 8.81
2	1.25	1.506	0.035	6.91	19.79	32.884 +/- 0.284	421.38 +/- 3.25
3	1.75	3.379	0.028	4.73	31.25	37.285 +/- 0.299	470.99 +/- 3.32
4	2.00	0.951	0.022	2.17	13.90	38.754 +/- 0.393	487.25 +/- 4.33
5	2.25	1.294	0.022	2.07	7.88	38.710 +/- 0.665	486.77 +/- 7.33
6	2.75	3.612	0.023	3.64	6.04	38.006 +/- 0.779	478.99 +/- 8.62
7	3.50	3.884	0.027	4.17	6.75	38.869 +/- 0.704	488.52 +/- 7.75
8	7.00	12.078	0.051	6.28	8.01	65.254 +/- 0.738	757.88 +/- 7.00

alt 9