Table 1. Summary of $^{40}Ar/^{39}Ar$ ages

Single-crystal results

Sample	Petrologic Unit	Location	MSWD	n	K/Ca	±1σ	Age (Ma)	±2σ (Ma)
MB03-36A	Tcst	Hardscrabble Basin	1.71	15	8.7	1.7	15.40	0.09
MB02-55	Tcst	Cold Springs Butte	2.38	15	9.0	2.1	15.46	0.04
MB03-26F	Tcst	Holloway Meadows	0.38	15	3.6	2.3	15.75	0.16
MB02-44	Tpr	Southern margin	1.39	12	41.4	5.9	16.16	0.04
MB02-19	Tpr	Western coulée	1.01	15	57.3	4.8	16.18	0.04
MB00-18	Tpr	Southern coulée	1.24	14	33.1	6.5	16.23	0.04
MB03-45	Tct	Zymns Butte	0.65	15	23.9	3.0	16.40	0.08
MB03-10B	Tom	Klondike Canyon	1.53	15	28.9	3.1	16.43	0.06
MB01-54A	Tct	Coyote Mt.	3.96	13	17.9	3.8	16.44	0.05
MB00-23	Tp_1	G. Lake Depression	0.63	15	7.6	2.4	16.45	0.12
MB01-76	Tcm	Southern Calico Mts.	1.92	15	12.3	1.9	16.47	0.04
MB01-27	Tom	Capitol Peak	0.98	15	29.0	4.2	16.50	0.04
MB00-32B	Tcm	Mahogany Pass	1.53	13	11.9	3.1	16.51	0.05
MB00-33	Tom	Odell Mountain	2.87	15	33.6	3.9	16.55	0.05

Whole-rock results

Sample	Petrologic Unit	Location	MSWD	Steps	39Ar (%)	Age (Ma)	±2σ (Ma)
MB02-43*	Tad_1	Coal Pit Peak	1.30	Isochron	N/A	13.90	0.60
MB01-6A	Tba	Western margin	1.66	5	66.0	14.35	0.38
MB02-53*	Ta	Black Ridge	2.30	Isochron	N/A	14.94	0.24
MB01-65	Tad_2	Staunton Ridge	1.98	6	48.8	15.76	0.28
MB01-12	Tb	Western margin	0.43	9	100	16.07	0.92
MB00-13[$]	Tba	Hinkey Summit	1.26	8	75.2	16.45	0.34
MB01-47	Tad_3	Central Calico Mts.	3.36	4	54.5	16.54	0.16
MB01-24	Tb	Western margin	2.21	8	100	16.95	1.3
MB02-5	Tarc	Hinkey Summit	1.93	7	81.5	22.48	0.08
MB01-2	Tarc	Western margin	0.96	2	46.9	23.50	0.24
MB01-1	Tarc	Western margin	3.77	4	83.9	35.52	0.34

*Isochron age is interpreted to be eruption age

[$]Plagioclase seperates used, see Appendix 4 for whole rock age

Presented in Brueseke and others, 2003. Data collected by A. Wallace and dated by R. Fleck, both USGS

Sample	Petrologic Unit	Location	Age (Ma)	±2σ (Ma)
00LH-3	--	Southeastern margin	15.45	0.08
00HS-6	Tba	Chocolate Mt.	15.97	0.20
00HS-8	Tpr	Hinkey Summit dike	16.18	0.10
00HS-7	Thc	Lye Creek turn-off	16.36	0.10
00HS-X	Tba	Hinkey Summit	16.73	0.04

All ages reported normalized to a 28.02 Ma age for the Fish Canyon Tuff sanidine (FC-2) standard.