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Analysis[a]	Total U (ng)	Total Pb (pg)	Total common Pb (pg)	Atomic ratios								Ages (Ma)			
				$^{206}Pb^{b}/^{204}Pb$	$^{206}Pb^{c}/^{208}Pb$	$^{206}Pb^{c}/^{238}U$	% error	$^{207}Pb^{c}/^{235}U$	% error	$^{207}Pb^{c}/^{206}Pb$	% error	$^{206}Pb/^{238}U$	$^{207}Pb/^{235}U$	$^{207}Pb/^{206}Pb$	Rho[d]
Barnard Volcanic Member #1															
1. (15)	2.6	198	2.4	3732	6.902	0.073397	.178	.571479	.210	.056470	.110	456.6	459.0	470.9	.851
2. (40)	3.4	258	10.1	1492	6.272	.071550	.262	.55708	.346	.056469	.217	445.5	449.6	470.9	.780
3. (43)	2.9	229	5.8	2173	5.744	.074448	.229	.57981	.264	.056484	.128	462.9	464.3	471.5	.875
4. (44)	2.6	207	5.5	2083	5.752	.074236	.181	.57752	.219	.056422	.121	461.6	462.9	469.0	.833
Collinsville Formation #3															
5. (19)	15.2	1193	6.1	9177	6.8965	.075649	.212	.59032	.220	.056600	.060	470.1	471.1	475.8	.962
6. (11)	9.0	707	11	3709	6.9041	.075661	.219	.59007	.231	.056563	.071	470.2	470.9	474.5	.951
7. (8)	7.6	598	3.1	8924	6.5800	.076060	.220	.59348	.230	.056589	.069	472.6	473.1	475.5	.954
8. (1)	.95	75.7	2.8	1470	6.3661	.076297	.495	.59514	.534	.056573	.191	474.0	474.1	474.9	.934
Collinsville Formation #4															
9. (37)	53.8	4400	13.7	17585	5.2234	.076075	.246	.59293	.252	.056528	.056	472.7	472.7	473.2	.975
10. (15)	74.5	6031	6.9	47005	5.2611	.075432	.208	.58802	.214	.056537	.051	468.8	469.6	473.5	.971
11. (4)	14.6	1203	10.7	6118	4.8043	.075507	.226	.58871	.238	.056547	.074	469.3	470.0	473.9	.951

[a] Number of zircons analyzed given in parentheses.
[b] Measured ratio (uncorrected for fractionation).
[c] Corrected for fractionation and mass bias ($0.18 \pm 0.09\%$ amu^{-1}), spike, blank, and initial Pb. Errors are 2σ. Laboratory Pb blank ranged from 2-10 pg (±50%) during the course of the study; U blank is ≤ 0.5 pg (± 50%). Initial common Pb composition is estimated from Stacey J. S., and Kramer J.D.,1975, Approximation of terrestrial lead isotope evolution by a two-stage model: Earth and Planetary Science Letters, v. 26, 207-221.
[d] $^{207}Pb/^{235}U$ - $^{206}Pb/^{238}U$ correlation coefficient calculated following Ludwig, K.R., 1980, Calculation of uncertainties of U-Pb isotope data: Earth and Planetary Science Letters, v. 46, p. 212-220.

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Table 2. Evaporation data for the Barnard Volcanic Member, Vermont, and the Collinsville Fm., Hallockville Pond Gneiss, Hawley Fm., and Middlefield Granite, Massachusetts.

Sample	Plating Temp	206Pb/204Pb	206Pb/208Pb	207Pb/206Pb	207Pb/206Pb corrected	Age 1		Weighted Average 2
Sample #2. Barnard Volcanic Member, South Newfane, Vermont (2822)								
grain 1	1600	6652	3.08	0.05851	0.05632	465 +/-	29	487 +/- 8
	1625	36829	2.85	0.05693	0.05654	473 +/-	14	
	1625	36325	2.83	0.05720	0.05680	484 +/-	21	
	1625	84937	2.81	0.05716	0.05699	491 +/-	11	
	1655	>100000	2.84	0.05751	0.05751	511 +/-	19	
grain 2	1585	10000	3.90	0.05366	0.05220	488 +/-	7	
	1605	16672	4.98	0.05787	0.05700	492 +/-	10	
	1625	18475	5.40	0.05768	0.05689	487 +/-	20	
	1650	11744	5.44	0.05808	0.05685	486 +/-	46	
grain 3	1650	5594	4.48	0.05825	0.05564	438 +/-	29	
Sample #4. Collinsville Formation, Shelburne Falls, Massachusetts (2851C)								
grain 1	1560	20890	6.14	0.05791	0.05721	500 +/-	18	485 +/- 4
	1560	18950	6.24	0.05749	0.05672	481 +/-	8	
	1580	55470	5.91	0.05706	0.05680	484 +/-	7	
	1600	54980	5.90	0.05707	0.05680	484 +/-	9	
	1600	72890	5.90	0.05665	0.05645	470 +/-	18	
	1620	16370	5.69	0.05808	0.05719	499 +/-	36	
	1640	28570	5.57	0.05747	0.05696	490 +/-	17	
	1680	92260	5.60	0.05716	0.05705	493 +/-	10	
grain 2	1580	26410	5.00	0.05727	0.05672	481 +/-	27	
	1580	21200	5.03	0.05757	0.05688	487 +/-	31	
	1600	30680	5.16	0.05724	0.05677	483 +/-	32	
Collinsville Formation, Shelburne Falls, Massachusetts (2809). Not shown in Fig. 1.								
grain1	1550	4687	12.65	0.05989	0.05679	483 +/-	10	468 +/- 10
	1575	5702	12.32	0.05917	0.05662	477 +/-	17	
	1600	4612	12.02	0.05924	0.05609	456 +/-	21	
	1600	5471	12.28	0.05892	0.05626	462 +/-	12	
	1630	4515	13.05	0.05944	0.05621	461 +/-	9	
grain 2	1650	22232	12.44	0.05684	0.05619	460 +/-	22	
	1650	>100000	12.30	0.05646	0.05646	470 +/-	19	
	1675	60870	9.89	0.05590	0.05566	439 +/-	16	
Collinsville Formation, Shelburne Falls, Massachusetts (2812). Not shown in Fig. 1.								
grain 1	1600	7926	4.36	0.05766	0.05582	445 +/-	39	458 +/- 17
	1620	65935	4.50	0.05652	0.05630	464 +/-	29	
grain 2	1600	12205	2.69	0.05701	0.05582	445 +/-	19	
	1600	10613	2.66	0.05766	0.05629	464 +/-	13	
grain 3	1625	6320	4.19	0.05845	0.05615	458 +/-	18	
Sample #6. Hallockville Pond Gneiss, Plainfield, Massachusetts (2840).								
grain 1	1575	6670	6.44	0.05899	0.05681	484 +/-	18	479 +/- 8
	1600	4550	6.68	0.05988	0.05668	479 +/-	36	
	1600	5360	6.68	0.05943	0.05672	481 +/-	19	

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	1620	25500	7.08	0.05760	0.05703	493 +/- 18
	1640	46300	6.64	0.05710	0.05679	483 +/- 57
grain 2	1590	9480	6.33	0.05815	0.05662	477 +/- 19
	1605	9730	6.70	0.05832	0.05683	485 +/- 18
	1620	16400	6.14	0.05780	0.05692	488 +/- 40
	1640	8160	6.41	0.05856	0.05678	483 +/- 27
grain 3	1600	17960	5.71	0.05735	0.05654	474 +/- 36
	1600	35340	5.76	0.05642	0.05601	453 +/- 18
	1620	27950	5.73	0.05618	0.05609	456 +/- 29
grain 4	1620	24320	5.78	0.05753	0.05693	489 +/- 21

1. Uncertainties at 68% confidence level.
2. Uncertainties at 95% confidence level.

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