TABLE 1. U-Pb ISOTOPIC DATA FOR ZIRCONS FROM VOLCANIC UNITS OF THE BOSMOREAU AND DECAZEVILLE BASINS

Sample*	Mass (mg)	U (ppm)	Pbr (ppm)	$^{206}Pb/^{204}Pb$†	$^{208}Pb/^{206}Pb$§	$^{206}Pb/^{238}U$§	$^{207}Pb/^{235}U$§	$^{207}Pb/^{206}Pb$§	Apparent $^{207}Pb/^{206}Pb$ age (Ma)
Bosmoreau	**CI1**								
1. (1), +135 eu, c, ndl	0.018	511	22	1001	0.1272	0.0427 ± 03	0.3131 ± 28	0.05314 ± 24	335.0 ± 10.1
2. (1), +135 eu, tr, elg, ab, dg	0.030	590	31	1167	0.1391	0.0503 ± 02	0.3680 ± 22	0.05310 ± 23	333.2 ± 9.6
3. (3), +135 eu, c, ndl	0.034	649	32	661	0.1683	0.0449 ± 01	0.3292 ± 36	0.05319 ± 53	336.7 ± 22.8
4. (1), +135 eu, c, eq, ab, dg	0.017	547	30	976	0.1141	0.0541 ± 02	0.3955 ± 25	0.05306 ± 26	331.5 ± 11.2
5. (2), +135 eu, c, ndl, ab, dg	0.012	753	40	969	0.1305	0.0527 ± 01	0.3851 ± 21	0.05297 ± 24	327.6 ± 10.2
6. (1), +135 eu, tr, elg, ab	0.016	261	14	996	0.1441	0.0517 ± 01	0.3789 ± 21	0.05321 ± 24	337.6 ± 10.2
7. (1), +135 eu, c, elg	0.011	658	31	969	0.1344	0.0458 ± 01	0.3351 ± 20	0.05305 ± 28	330.9 ± 11.8
8. (1), +135 eu, c, frag, ab	0.015	382	26	908	0.1726	0.0643 ± 02	0.4848 ± 35	0.05465 ± 33	397.9 ± 13.7
9. (1), +135 eu, c, elg	0.042	422	28	469	0.1559	0.0624 ± 02	0.4684 ± 57	0.05443 ± 60	388.7 ± 24.7
Decazeville	**CI6**								
10. (2), +100-135 eu, c, eq, ab	0.010	245	14	816	0.1097	0.0558 ± 04	0.4279 ± 50	0.05559 ± 44	436.0 ± 17.6
11. (1), +100-135 eu, c, elg, ab	0.006	434	22	557	0.1317	0.0489 ± 02	0.3593 ± 35	0.05327 ± 46	340.2 ± 28.8
12. (1), +100-135 eu, c, ndl, ab	0.011	648	34	1212	0.0984	0.0532 ± 01	0.3906 ± 19	0.05327 ± 21	340.1 ± 8.9
13. (4), +100-135 eu, c, elg, ab	0.012	468	27	1083	0.0556	0.0598 ± 02	0.6058 ± 32	0.07344 ± 28	1026.2 ± 7.7
14. (2), +100-135 eu, c, ndl, ab	0.011	564	27	2012	0.1061	0.0482 ± 01	0.3513 ± 16	0.05286 ± 19	322.9 ± 8.1
15. (1), +100-135 eu, c, eq, ab	0.006	521	37	1065	0.1225	0.0689 ± 02	0.5305 ± 38	0.05585 ± 35	446.6 ± 13.9
16. (1), +100-135 eu, c, eq, ab	0.006	354	19	351	0.1750	0.0514 ± 02	0.3756 ± 48	0.05302 ± 61	329.8 ± 26.1
17. (2), +100-135 eu, c, eq, ab	0.008	556	31	1465	0.1043	0.0550 ± 01	0.4167 ± 15	0.05492 ± 14	409.1 ± 5.9
18. (4), +100-135 eu, c, elg	0.017	710	15	451	0.1164	0.0200 ± 06	0.1484 ± 17	0.05275 ± 54	317.9 ± 23.3

*Number in brackets indicate the number of zircon grains analyzed; all grains were selected from nonmagnetic separates at full magnetic field in Frantz magnetic separator; +135 = size in micrometers; eu = euhedral; c = colorless; ndl = needle shape (length/width > 5); elg = elongated (length/width < 5); eq = equant; frg = fragment; ab = air-abraded following Krogh [1982]; dg = dug out from epoxy resin after cathodoluminescence examination.

†Measured, uncorrected ratio.

§Ratio corrected for fractionation, blank, and initial common Pb. Initial Pb compositions are estimated following the method of Stacey and Kramers [1975] at 330 Ma, ± 0.5% for the $^{206}Pb/^{204}Pb$ and $^{207}Pb/^{204}Pb$ ratios and ± 0.8% for the $^{208}Pb/^{204}Pb$ ratios. Pb and U fractionation correction = 0.15 %/amu (± 0.05, 2σ). Pb blanks < 20 pg; U blanks < 5 pg. Isotopic ratios and absolute uncertainties in the Pb/U and $^{207}Pb/^{206}Pb$ ratios calculated by using the regression treatment of Ludwig [1987]. Errors are 2σ and refer to last digits.