

Table S6. Details on measured ZFT thermochronometric ages.

Sample	Longitude (dd)	Latitude (dd)	Elevation (m)	Lithology	chi ² -probability	age type	ZFT age (Ma)	1σ (Ma)	n
VG11-LL-10	-73.13510	-46.74380	327	granodiorite	5.6	pooled	5.8	0.5	28
VG12-CM-03	-73.28870	-46.74690	2100	granodiorite	0.0	mean	14.4	0.9	25