



Sample	Rock type	Location	Longitude	Latitude
MAT2	hornblendite	Mt. Mattoni, Adamello	45° 55' 31"	10° 24' 32"
MAT3	hornblendite	Mt. Mattoni, Adamello	45° 55' 31"	10° 24' 32"
MAT4	Amph-gabbro	Mt. Mattoni, Adamello	45° 55' 23"	10° 24' 28"
VS01	Amph-diorite	Val Sissone, Bergell	46° 18' 25"	9° 44' 48"
VS4	Amph-diorite	Val Sissone, Bergell	46° 18' 25"	9° 44' 48"
VS17	Amph-gabbro	Val Sissone, Bergell	46° 18' 25"	9° 44' 48"

Supplementary Material 1.

Simplified geological maps of the sampling areas in the Adamello (A) and in the Bergell (B) intrusions. White circles report the location of selected samples. Maps are after Blundy & Sparks (1992) for the Mt. Mattoni area and Gregory et al. (2009) for the Bergell intrusion. The table reports sample co-ordinates.