

**XRD, micro-XANES, EMPA and SIMS investigation on phlogopite single crystals from Mt. Vulture (Italy)**

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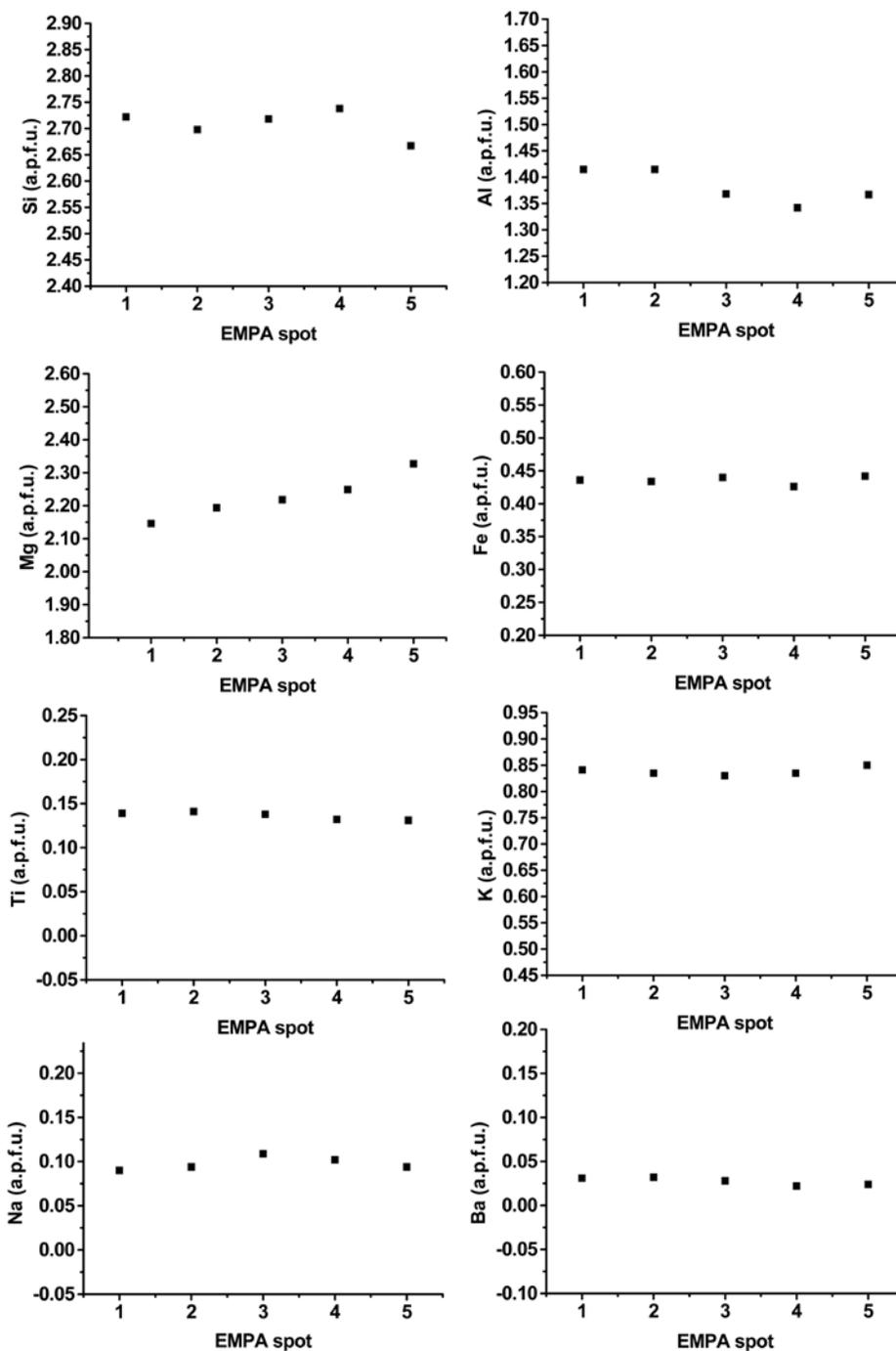


FIGURE 1. Results of EMP traverses across five of the seven the studied samples. Concentrations of the analyzed elements are expressed in atoms per formula units (apfu). (a) sample VUT0001\_2; (b) sample VUT187\_13; (c) sample VUT187\_24; (d) sample VUT191\_11; (e) sample PG5\_1.

