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Supplemental Material for:

Coupling rare earth elements analyses and high-resolution topography along fault scarps to investigate past earthquakes: a case study from southern Apennines (Italy)

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This supplementary material contains the following Figures:

Figure S1
Figure S2
Figure S3

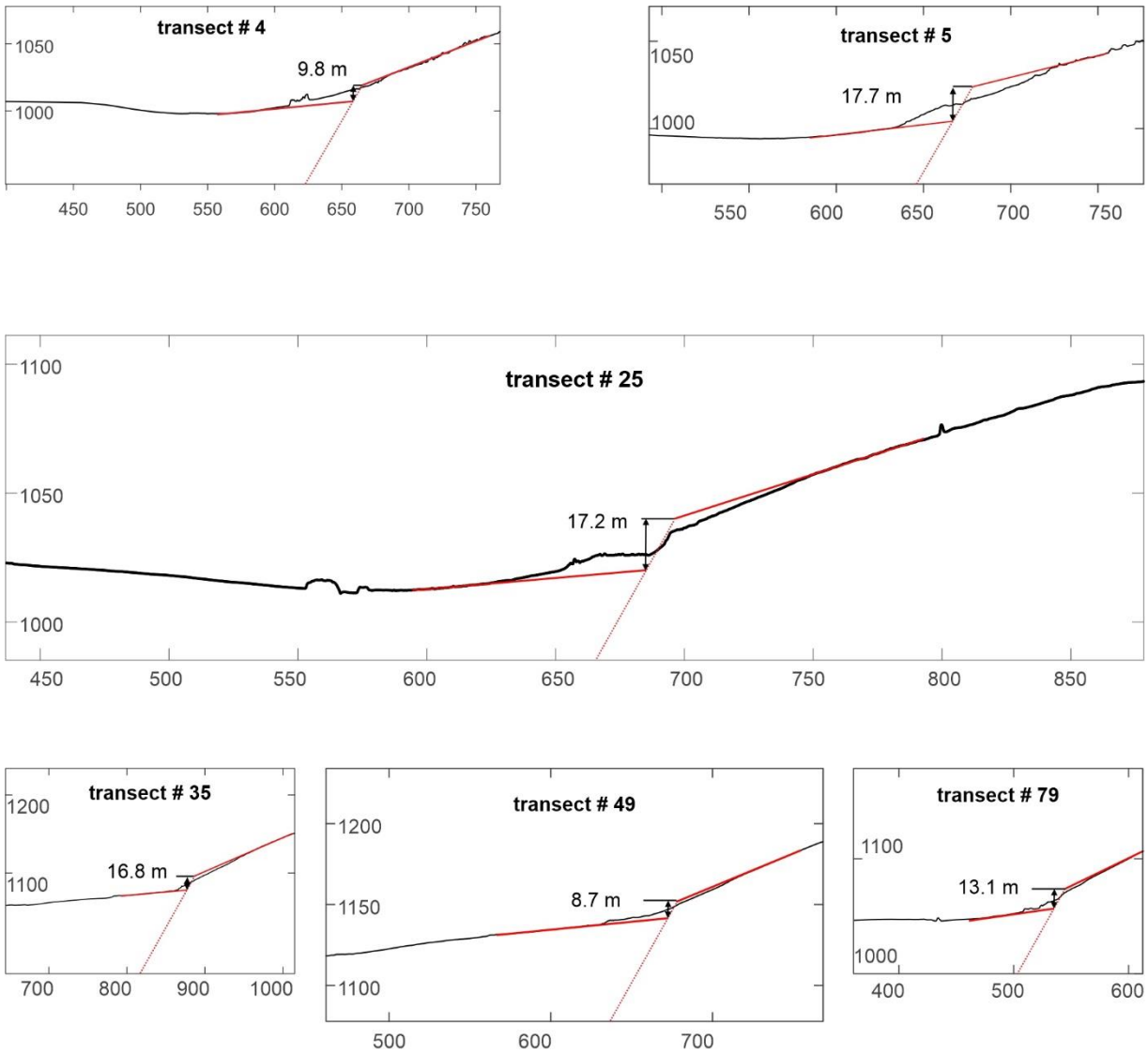

Figure S1. Topographic profiles and displacements obtained along the Timpa del Vento fault considering the far field from fault location (entire post-LGM time). The traces of the topographic profiles are reported in Figure 4a in blue.

Figure S2. Sampling site and paleosols sampled for radiocarbon dating (see main text for details).

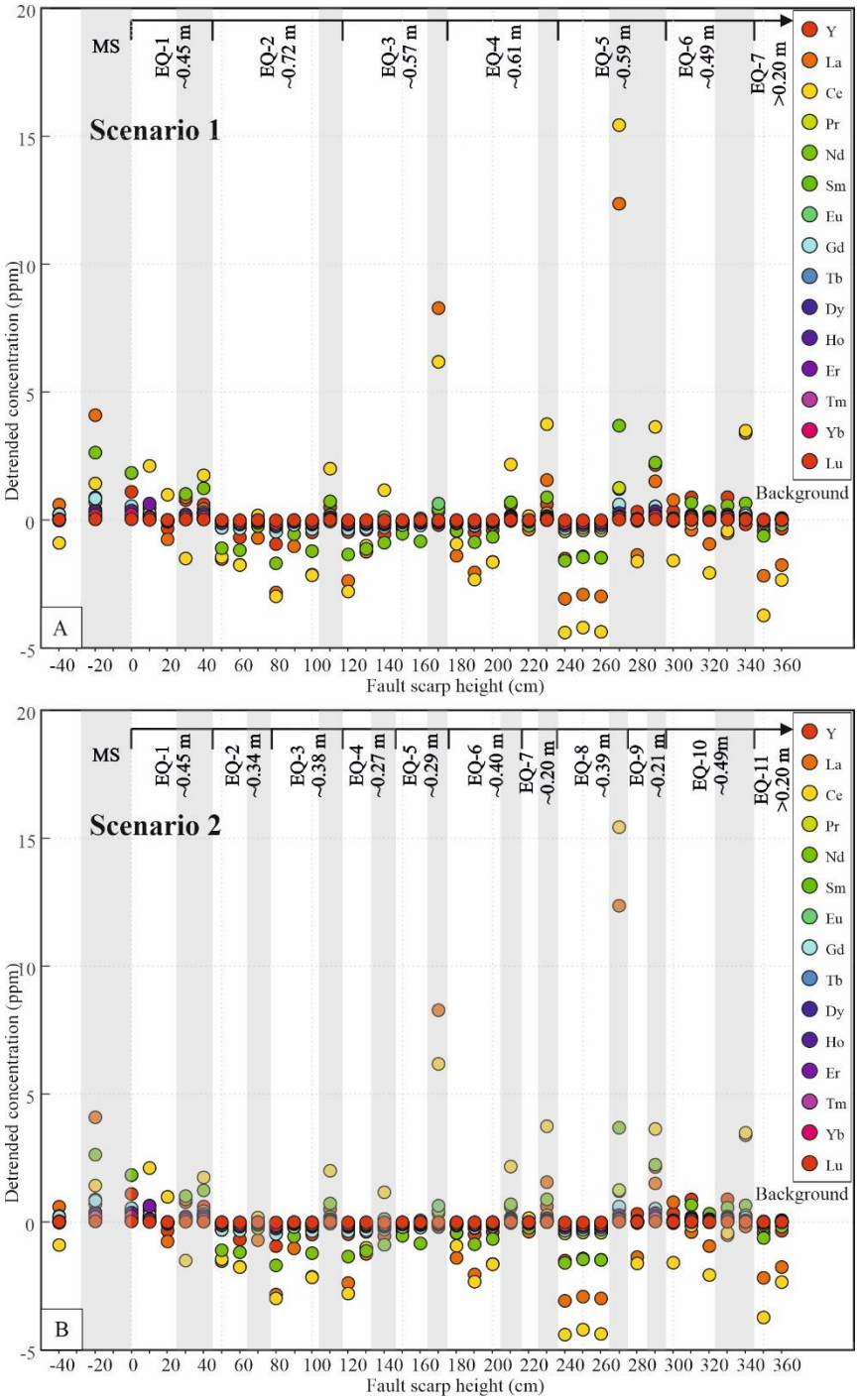

Figure S3. Variability of REE-Y content in the 39 limestone sample cores as a function of fault scarp height (cm). The Y axis represents the detrended concentration (ppm) for each element.