**Table 1**. Burn severity classes distribution in the whole Pisan Mountains study site and the Santo Pietro (SP) watershed according to the United States Geological Survey (USGS) classification to Relativized Burn Ratio (RBR) index (modified).

**Table 2.** Depth, thickness, bulk density, organic matter concentration and particle size distribution of the layers in the investigated sediment cores from the Santo Pietro (SP) watershed.

**Table 3.** Values of peak discharge, flow, sediment concentration, volume and mass (MDi) at check dam site, volume capacity upstream the check dam (Ci), Sediment Trap Efficiency (STEi), sediment eroded at catchment scale (MEi) for the Santo Pietro (SP) watershed.