Figure DR1. Depth profiles of $^{137}$Cs activity measured at our interfluve and valley fill sample sites. The depth profile for the interfluve site does not extend below 30cm, so we can make a complete inventory comparison. However, in the upper 30cm, the profiles exhibit no statistically significant differences and the integrated activities are similar (7.3 and 7.8 Bq kg$^{-1}$) for the interfluve and valley profiles, respectively. This suggests that valley infilling due to land-use practices during the last 50+ years has been negligible.