

Interactive comment on “Pedotransfer functions for Irish soils – estimation of bulk density (ρ_b) per horizon type” by B. Reidy et al.

Anonymous Referee #2

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I recommend that the paper will be accepted for publication after the changes detailed below have been addressed.

Text and Table1: Are the horizon designations in Irish SIS classification the same as according to WRB? If not, please add the WRB designations for those readers which are not familiar with the Irish classification.

P2.8 L1: The soil organic content have been analysed twice? 1. Corg via elemental analyser and 2. OM via the muffle furnace method? Why only samples with a carbon content over 10%? For the other samples Corg was not analysed? Maybe it could be more clearly stated.

In general: The accumulation of secondary calcium carbonate could strongly influence

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the bulk density. How it was taken into consideration?

Interactive comment on SOIL Discuss., 2, 1039, 2015.