Supplementary Information 1

This supplementary material to the manuscript titled ‘Upland grassland management influences organo-mineral soil properties and their hydrological function’ shows the relationship between soil properties. The soil properties chosen are as follows:

*TOM*: Total Organic Matter, %

*KS*: Saturated hydraulic conductivity, m day-1

Bulk density, g cm-3



Figure S1.1: The correlation between soil properties including the correlation coefficient, R2 and the Spearman’s rank p value. Plot A is the relationship between TOM and bulk density, plot B is the relationship between bulk density and Ks, and plot C is the relationship between TOM and Ks. Colours used differentiate habitat type. Black line is drawn for cases where there is a significant correlation across the entire dataset.