**Supplementary\_Table 3** Equipment and method used to collect data on soil properties and slope at each 2 x 2 m2 sub-plots.

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| --- | --- | --- |
| **Soil Properties** | **Equipment** | **Method** |
| Peat Depth (cm) | 1 m auger | Created a hole of 1m. Depth of peat layer measured using a measuring tape. Data limited to 1 m depth due to length of auger |
| Soil moisture (%) | Used a Van Walt© Pico HD2 with Pico 64 TDR Probe | * In areas where vertical soil column was relatively homogenous. Recorded only in the top layer (>10 cm deep) * Other areas, both top and lower layers measured |
| Soil pH | Field Scout SoilStik Pro Metre | * Measured at soil surface at same locations as soil moisture * Readings at lower soil layers taken in holes dug to depth appropriate to soil type. |
| Soil temperature (oC) | Used a Van Walt© Pico HD2 with Pico 64 TDR Probe | Measured at same points as soil moisture |
| Slope | Clinometer | Measured diagonally between opposite corners of each sub-plot from a height of 1.5 m |