

## ***Interactive comment on “Permafrost soils and carbon cycling” by C. L. Ping et al.***

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Caption for Fig. 3 [Insert new figure based on General comment #3 from Reviewer 2] Figure 3. Examples of permafrost-affected soils from different areas: a. A Glacic Aquiturbel formed in weathered shale with small patterned ground (Polar Desert) ,ice wedge at 58 cm, Ellef Ringes Island, Nunavut, Arctic Canada; b. A Haploturbel associated with a nonsorted circle, formed in weathered siltstone (High Arctic)Mould Bay, Arctic Canada; c. A Ruptic-Histic Aquiturbel formed in Yedoma deposit under nonacid tundra, Mys Chukochi, Northern Yakutia, Russia; d. A Ruptic Histoturbel associated with a nonsorted circle, formed in loess over Tertiary glaciofluvial deposit under tussock tundra, arctic Alaska; e. A well-drained Haploturbel formed in weathered sandstone under alpine tundra, northcentral Qinghai-Tibet Plateau, China; f. A Histel formed in wet Kobrecia meadow, note the limnic layer at 112 cm, Qinghai-Tibet Plateau, China;

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g. A Histoturbel formed in Late Pleistocene glacial-fluvial deposit under forest tundra, northern Alaska; h. an Aquorthel formed in loess deposit under boreal forest, central Alaska; i. A Histel formed in bog, central Alaska.

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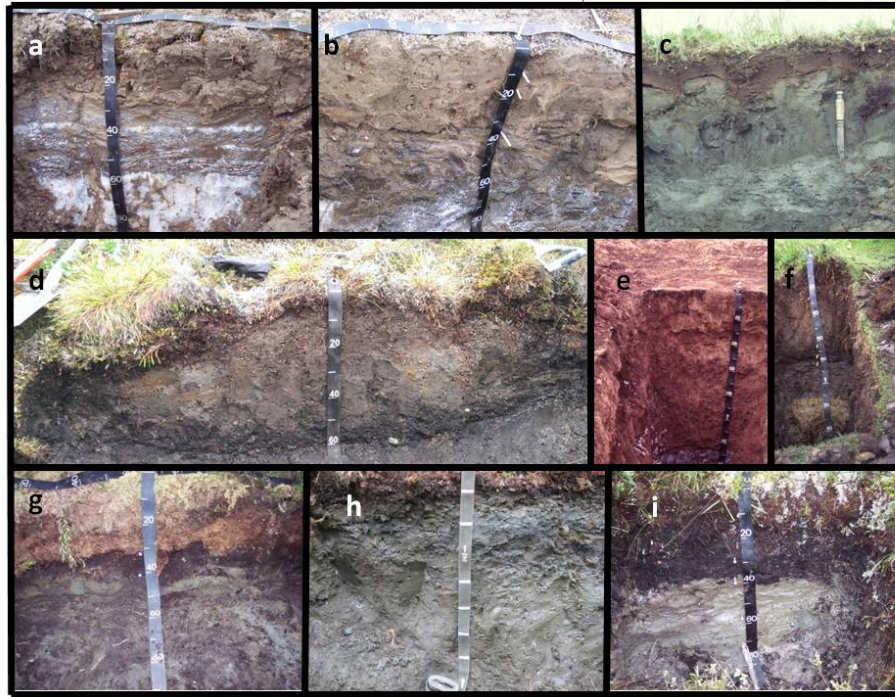


Fig. 1.

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