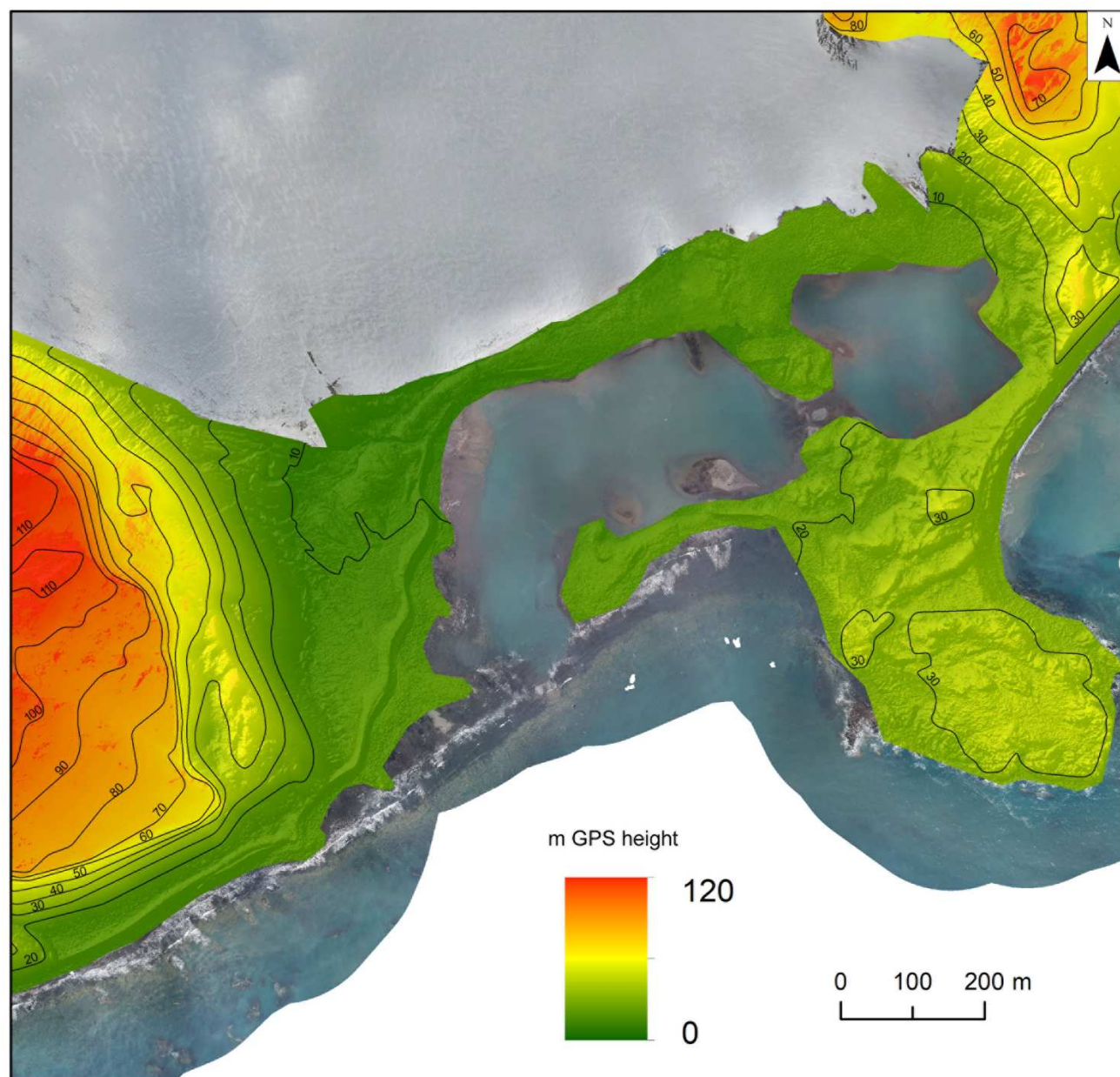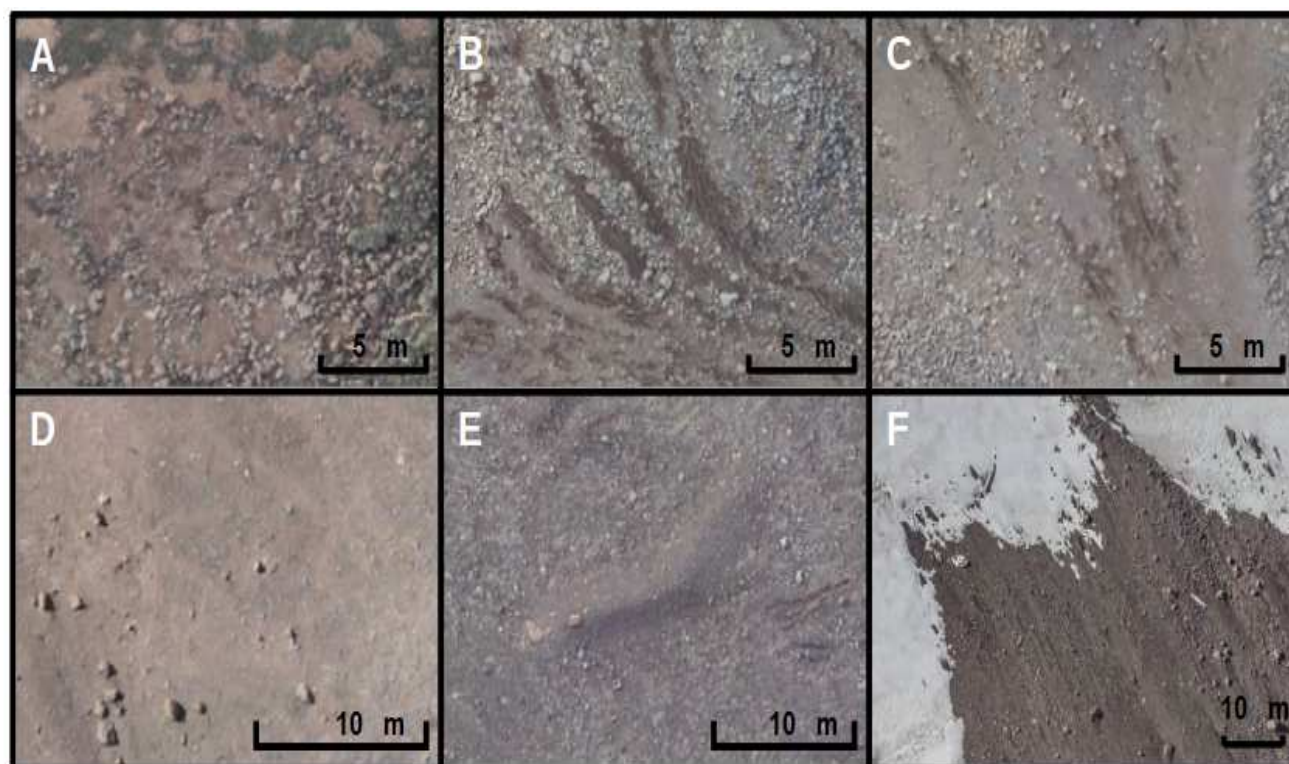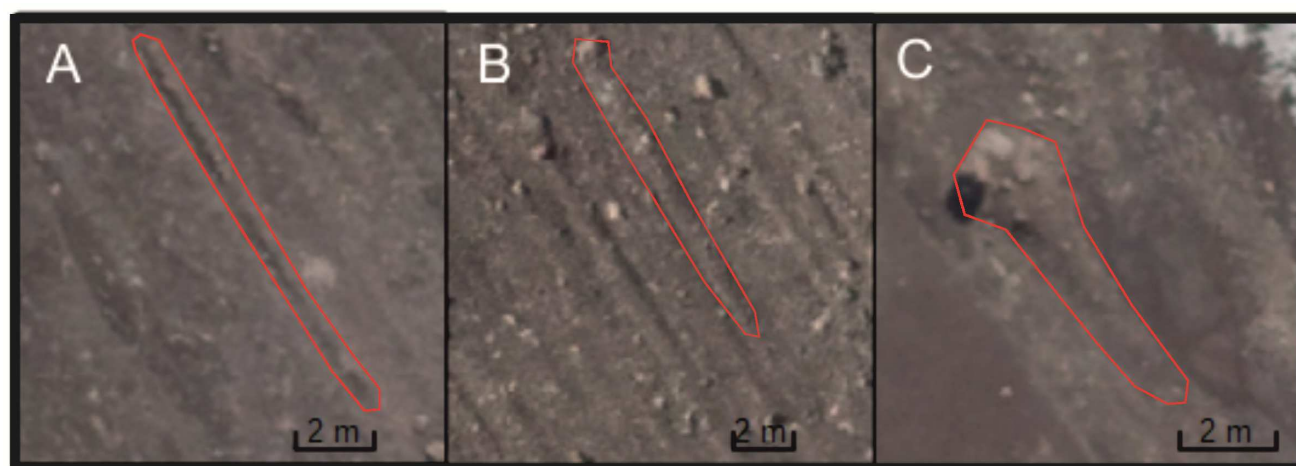*Supplementary Material*

Supplementary Figure 1. Digital Elevation Model of the Windy Glacier foreland and east side of Red Hill, based on UAV images processed in ESRI ArcGIS 10.3.; GPS elevation (ellipsoidal height) in meters.
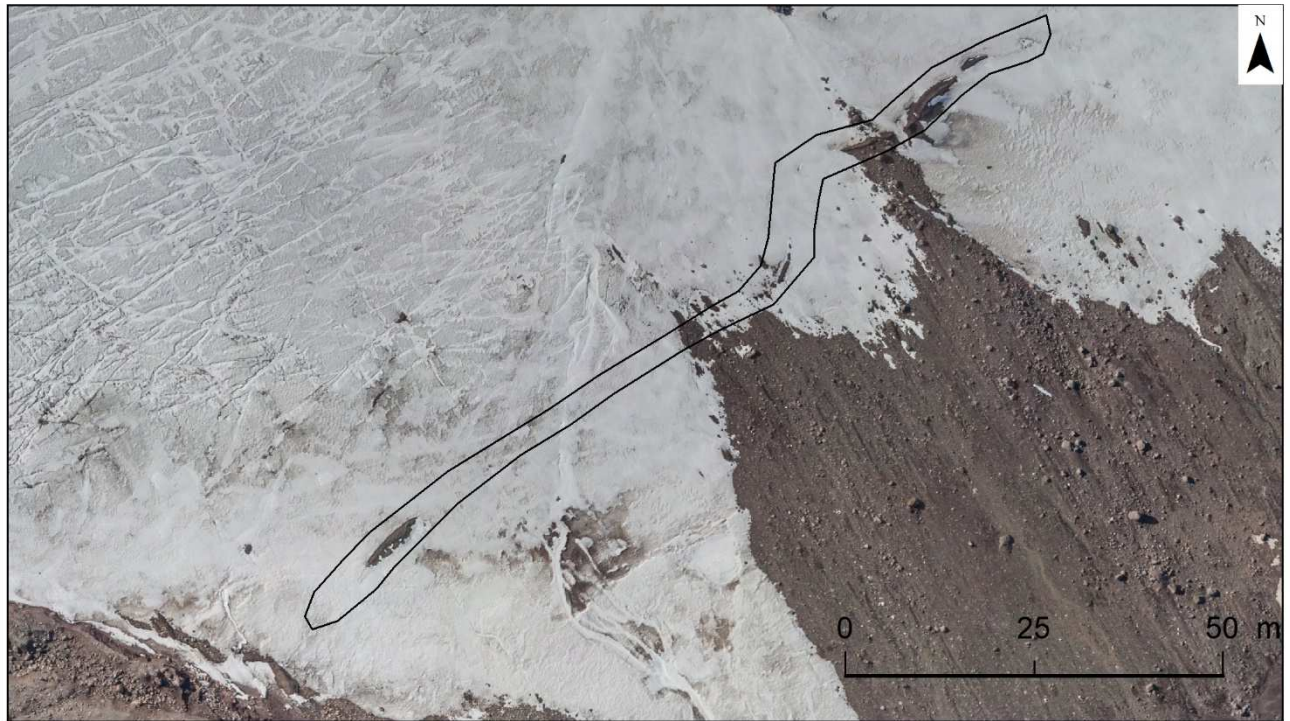
Supplementary Figure 2. Examples of identified periglacial and glacial landforms on orthophoto: A- sorted polygons, B – sorted stripes, C – solifluction sheet, D – ground moraine (not fluted), E – recessional moraine ridge, F – fluted moraine.

Supplementary Figure 3. A – flute without boulder, B – flute with boulder, C – small drumlin with boulder.

Supplementary Figure 4. A small and fragmented ridge (possibly recessional moraine) visible near the Windy Glacier snout, developed parallel to the glacier flow.