



Figure S3. Enlarged view of inset map area of Figures 10 and 11 comparing slope categories to one-dimensional (1D) and quasi-three-dimensional (3D) susceptibility model results, (a) slope categories, (b) 1D factor of safety, F_1 , for modified NASD soil-depth model (Fig. 10a), (c) F_1 for constant soil depth of 1.4 m (Fig. 10b), (d) 3D factor of safety, F_3 , for NDSD soil-depth model, (e) F_3 for modified NASD soil-depth model (Fig. 11a), (f) F_3 for constant soil depth of 1.4 m (Fig. 11b). Source areas (mapped from aerial imagery with the aid of pre-event and post-event lidar) are from Baxstrom et al (2021a) and head scarp points are from Hughes et al. 2019.