



Fig. 7. Acheron Fossae region, north of Olympus Mons (Fig. 1): A. MOLA gradient map of eastern Acheron Fossae with color-coded topography. Boxes show locations of panels B–G. Arrow opens toward perspective view in E. B. Graben, LVF and LDA. Arrow opens toward perspective view in D, and line shows profile location in C; HRSC 0037. C. MOLA altimetric profile (orbit 13424) across B. D. Perspective view of crater in B; arrow in B shows viewing perspective. HRSC 0037 draped on MOLA. VE = 2×. E. Perspective view of piedmont-like LDA emerging from Acheron Fossae graben. Arrow in A opens toward perspective view. THEMIS V09791029 and V01852010 draped on MOLA. VE = 2×. F. Impact crater with LDA on southern wall and floor; HRSC 0037. G. Impact crater with LDA on southern wall and floor; HRSC 0037.