

Appendix

The appendix includes Table S1 for the Number of the image pairs captured by the NaTeCams of each site, Figures S1 to S2 for the rock identification in and out of the blast zone, and Figures S3 to S7 for the fitted curve of the fractal dimension for the regions in and out of the blast zone.

Table S1 The Number of the image pairs of each site

Region	Number of CamA Image	Number of CamB Image
Depression	HX1-Ro_GRAS_NaTeCamA-F-001_SCI_N_20210526034915_20210526034915_00012_A.2C	HX1-Ro_GRAS_NaTeCamB-F-002_SCI_N_20210526034932_20210526034932_00012_A.2C
Site A	HX1-Ro_GRAS_NaTeCamA-F-003_SCI_N_20210527053042_20210527053042_00013_A	HX1-Ro_GRAS_NaTeCamB-F-003_SCI_N_20210527053059_20210527053059_00013_A
Site B	HX1-Ro_GRAS_NaTeCamA-F-001_SCI_N_20210607121458_20210607121458_00024_A	HX1-Ro_GRAS_NaTeCamB-F-001_SCI_N_20210607121515_20210607121515_00024_A
Site D	HX1-Ro_GRAS_NaTeCamA-F-002_SCI_N_20210614164659_20210614164659_00031_A	HX1-Ro_GRAS_NaTeCamB-F-002_SCI_N_20210614164716_20210614164716_00031_A
Site S	HX1-Ro_GRAS_NaTeCamA-F-001_SCI_N_20210628005024_20210628005024_00044_A	HX1-Ro_GRAS_NaTeCamB-F-001_SCI_N_20210628005041_20210628005041_00044_A
Site N	HX1-Ro_GRAS_NaTeCamA-F-004_SCI_N_20210710074406_20210710074406_00056_A	HX1-Ro_GRAS_NaTeCamB-F-004_SCI_N_20210710074423_20210710074423_00056_A

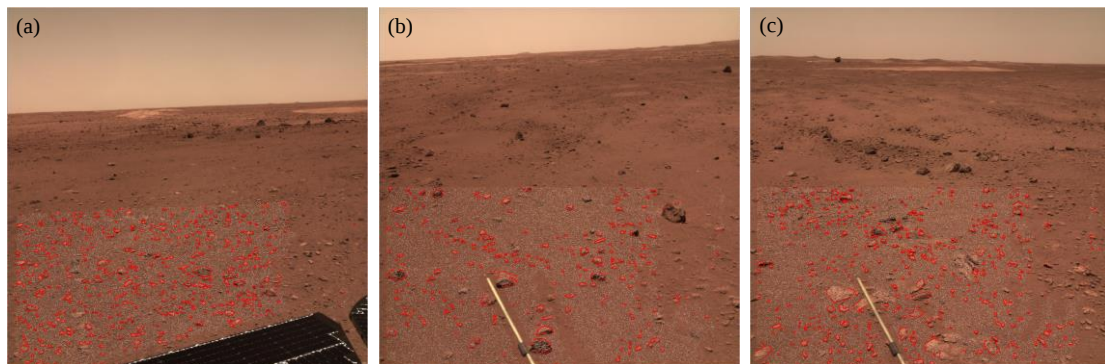


Figure S1 Rock identification in the blast zone. (a) The rocks at Site A, the center of the blast zone; (b) The rocks at Site B, the wing of the blast zone; (c) The rocks at Site D, the edge of the blast zone

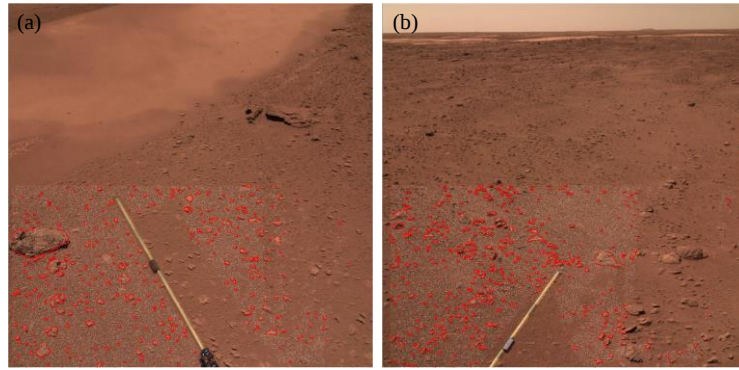


Figure S2 Rock identification out of the blast zone. (a) The rocks at Site S, near a sand dune; (b) The rocks at Site N, a normal scene

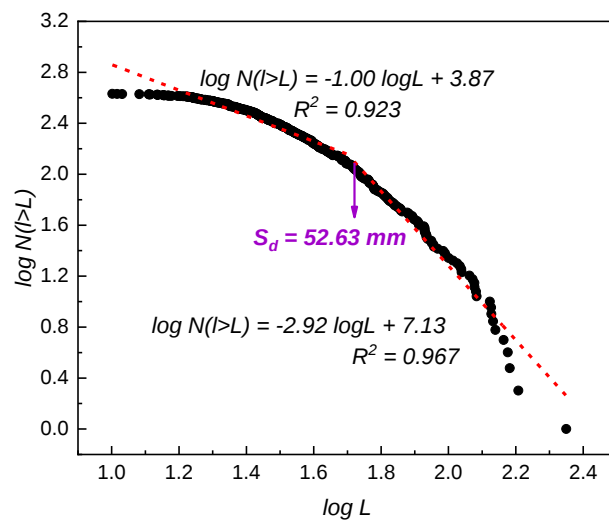


Figure S3 The fractal dimension of rock sizes in the Blast Zone Center (Site A)

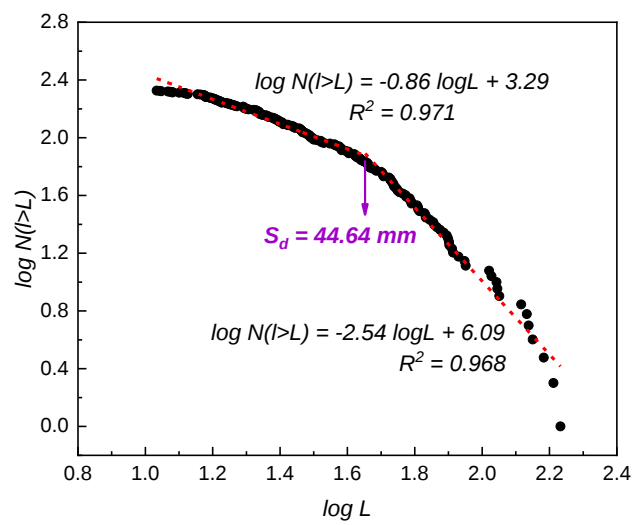


Figure S4 The fractal dimension of rock sizes in the Blast Zone Wing (Site B)

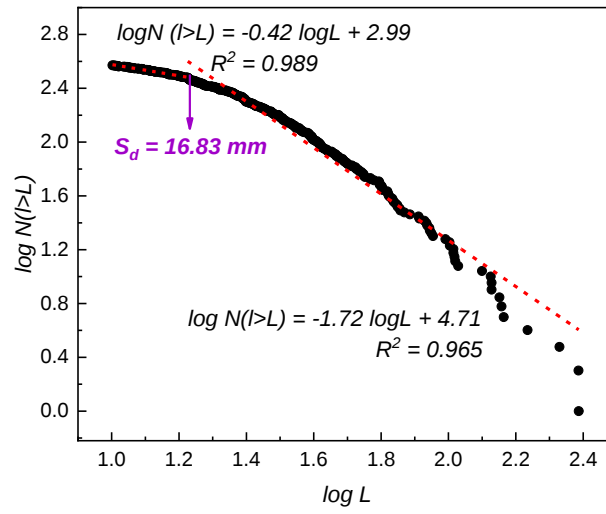


Figure S5 The fractal dimension of rock sizes in the Blast Zone Edge (Site D)

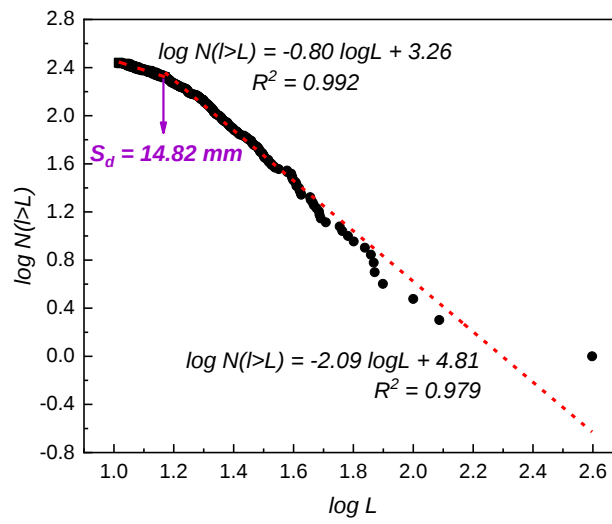


Figure S6 The fractal dimension of rock sizes near a sand dune (Site S)

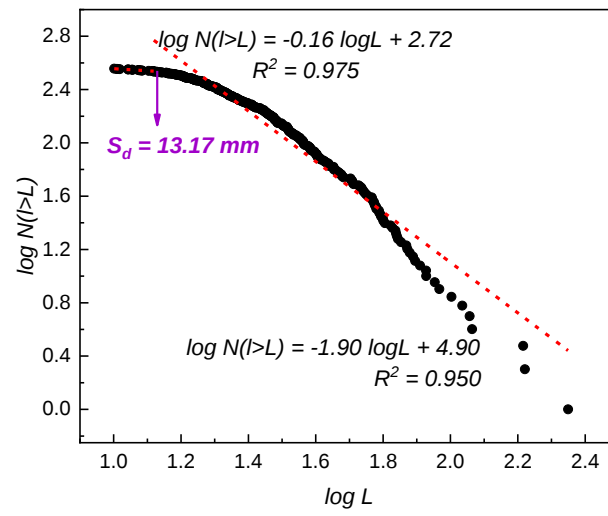


Figure S7 The fractal dimension of rock sizes of a normal scene along the route (Site N)