Figure A1: Cryptotephra shard counts from Hooker’s Point at 1 cm resolution. Dark grey bars indicate samples with the highest shard concentrations, which were subsequently analysed for major-minor element compositions.
Figure A2: Pie-chart plots of shard morphologies present in Hooker’s Point cryptotephra deposits. With the exception of one brown shards in HP_32, glass shards were exclusively clear in all cryptotephra deposits. Diagrams and percentage values are based on 100 measurements.
Figure A3: Histograms and summary statistics of shard long axis (Y) measurements. Diagrams and statistics are based on 100 measurements.
Figure A4: Bivariate plot of $\text{Al}_2\text{O}_3$ and $\text{SiO}_2$ values from Lipari rhyolitic obsidian standards.

Figure A5: Tephra shards from (a) HP_67 and (b) HP_134.