
A solar wind-derived water reservoir on the Moon hosted by impact glass beads

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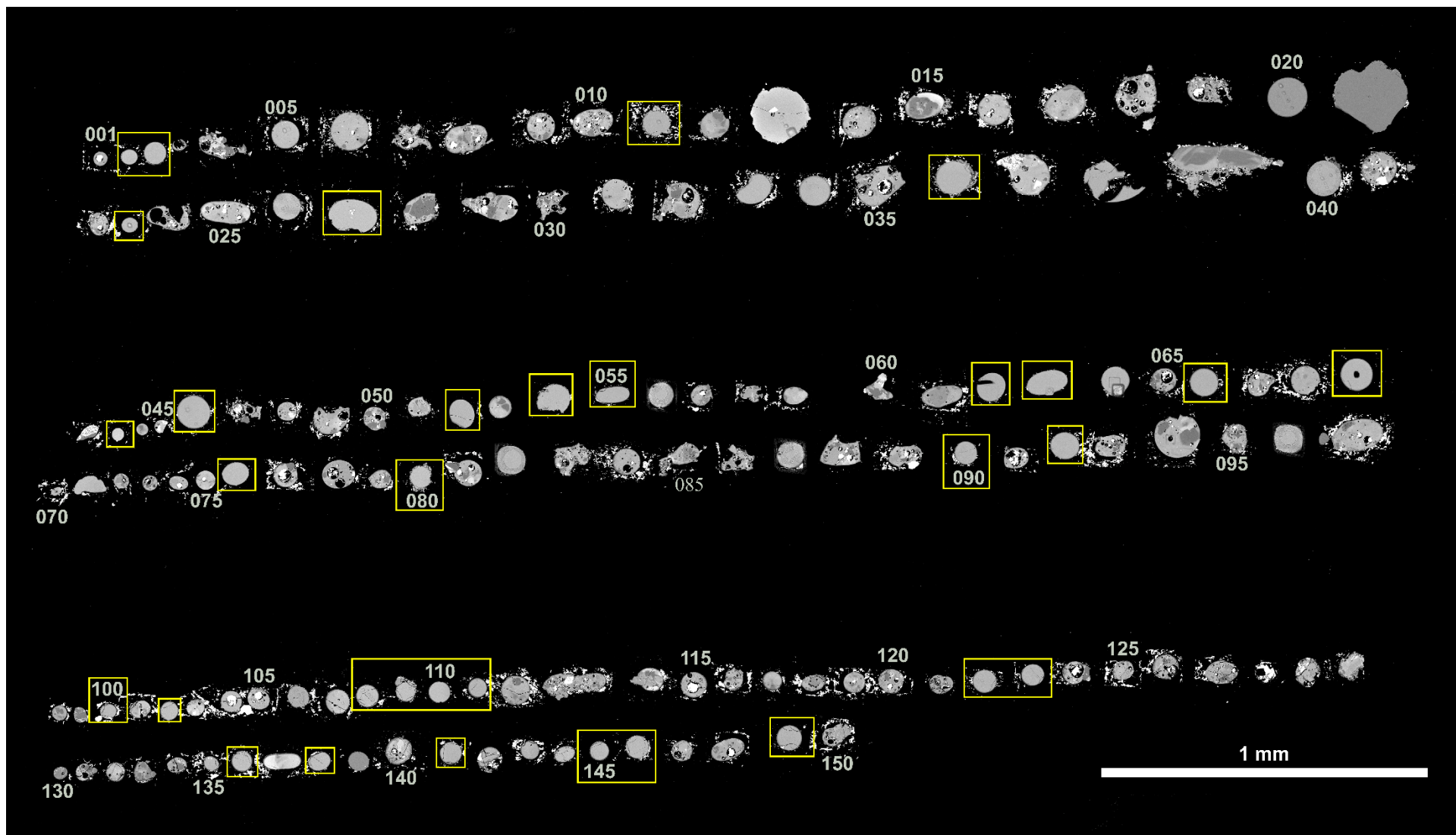


Fig. 1 | Mosaic back-scattered electron (BSE) map of CE5 impact glass beads. A total of 150 candidate glassy grains were handpicked under binocular microscopy from CE5C0100YJFM00103. There are 117 glass beads, 1 glass rod, 3 olivine and plagioclase monomict clasts, 1 basaltic fragment, and 28 glass agglutinates in this mount. Among the glass beads, 75 of them are heterogeneous and the other 42 are homogeneous in chemical compositions. One homogeneous glass bead and one heterogeneous glass bead have been consumed by LA-ICP-MS. The glass beads outlined by yellow boxes are the analytical targets in this study. Numbers in this map are the ID of the grains.

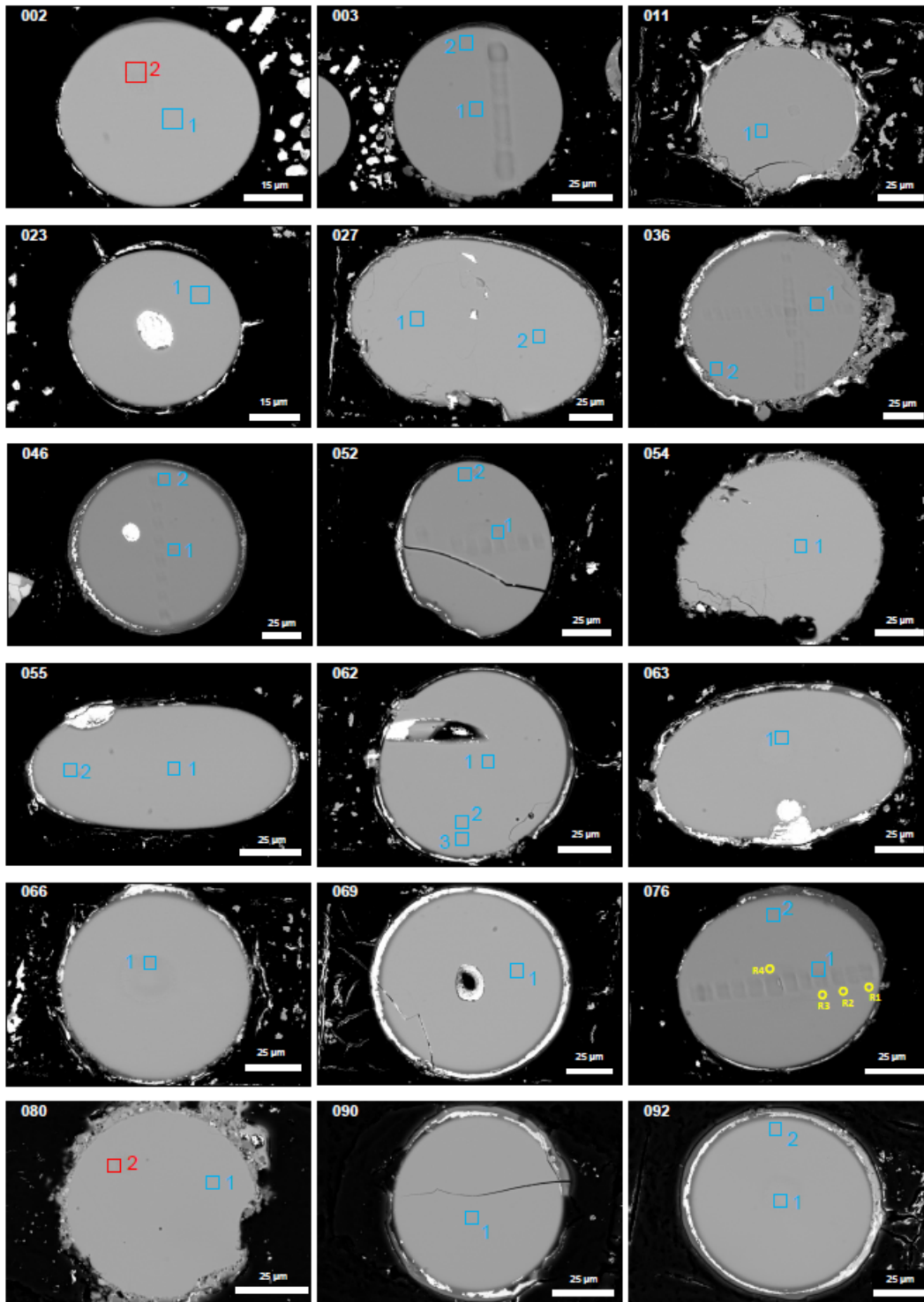


Fig. 2 | Occurrences of CE5 homogeneous impact glass beads. The light blue squares: analytical positions of NanoSIMS measurement in the 1st session. The red squares: analytical positions of NanoSIMS measurement in the 2nd session. Yellow circles: Raman analytical positions.

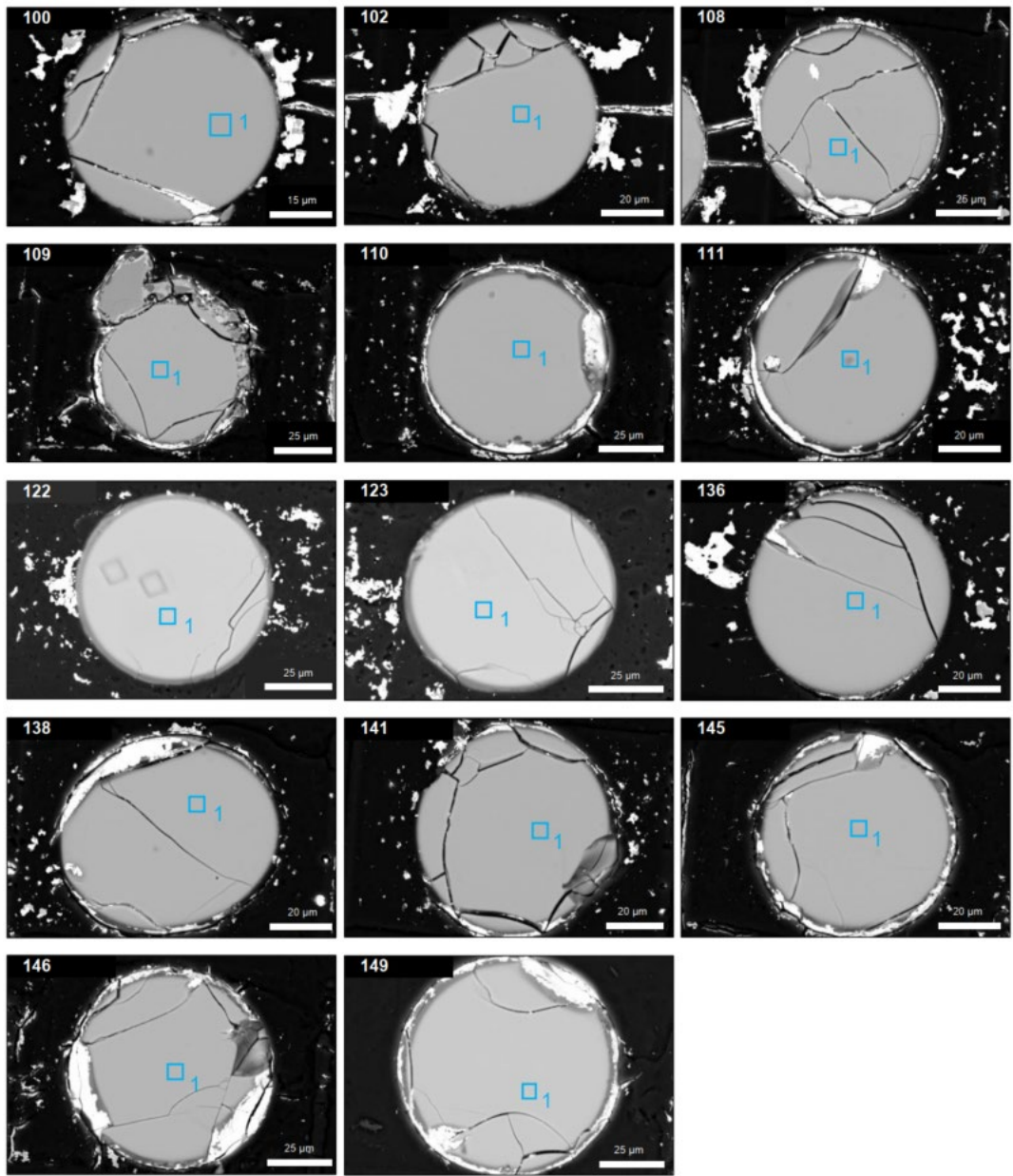


Fig. 2 | Continued.