## **AM-12-005**

## **Jan 2012 American Mineralogist Deposit Material**

DOI: http://dx.doi.org/10.2138/am.2012.3921

Natural hydrous amorphous silica: quantitation of network speciation and hydroxyl content by <sup>29</sup>Si MAS NMR and vibrational spectroscopy

Chemtob, Rossman, and Stebbins

Supplemental Material

**Supplemental Figure 1.** Imagery of PU-009. a) Hand sample, illustrating bluish-white coating on basaltic surface. b) SEM backscatter electron image of the PU-009 coating in thick section. The bright region at the bottom of the image corresponds to the basalt substrate, capped by a  $\sim$ 40  $\mu$ m silica coating (gray). c) Field photo of coated volcanic bombs strewn across the landscape near the rim of the Pu'u O'o cone.

