

Supplemental Information

Chemical imaging analysis of environmental particles using the focused ion beam/scanning electron microscopy technique: Microanalysis insights into atmospheric chemistry of fly ash†

Haihan Chen,^a Vicki H. Grassian,^{a,b} Laxmikant V. Saraf,^c and Alexander Laskin^{*c}

^a Department of Chemical and Biochemical Engineering, University of Iowa, Iowa City, Iowa 52242, USA

^b Department of Chemistry, University of Iowa, Iowa City, Iowa 52242, USA.

^c W. R. Wiley Environmental Molecular Science Laboratory, Pacific Northwest National Laboratories, Richland, Washington 99352, USA. Fax: (509) 371-6139; Tel: (509) 371-6129; E-mail: Alexander.Laskin@pnnl.gov

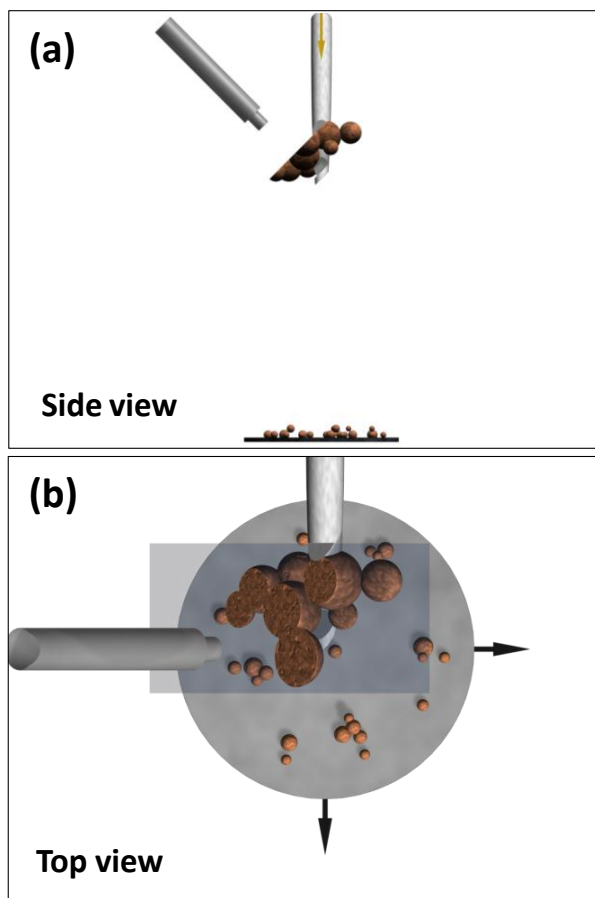


Fig. S1 Schematic of side view (a) and top view (b) of a cross-sectioned agglomerate of fly ash particles in FIB/SEM system.