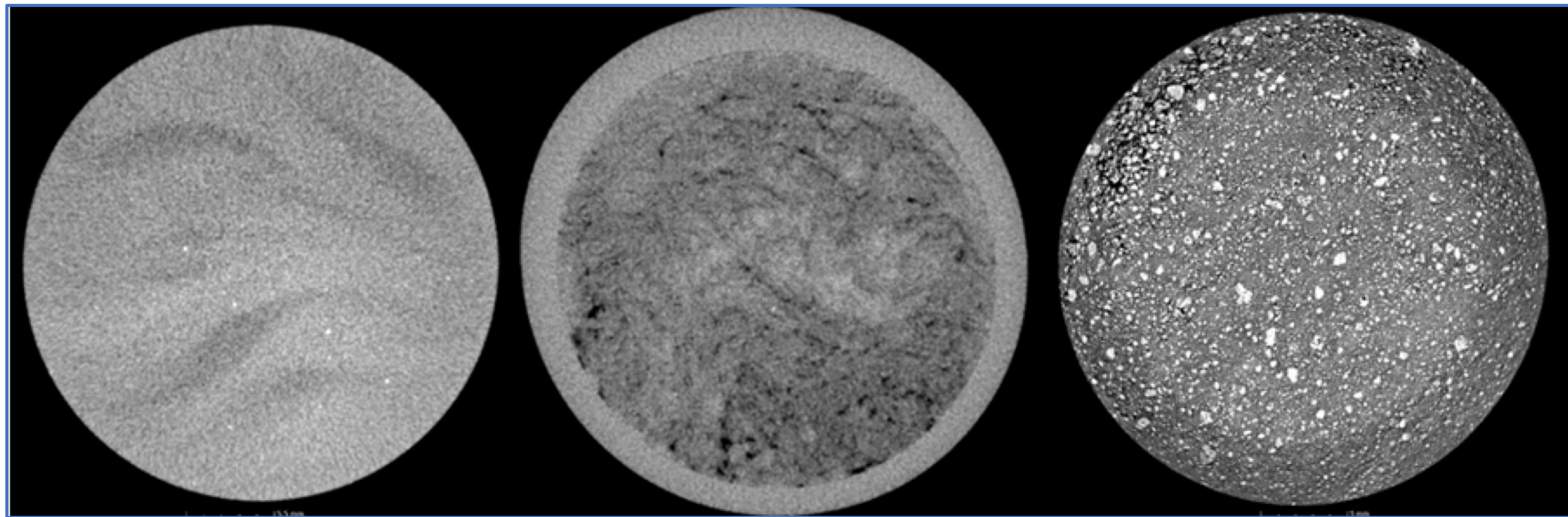


# Using a CT Scanner to Examine Lunar Regolith Porosity Collapse as a Function of Depth



R. V. Patterson and D. Y. Wyrick



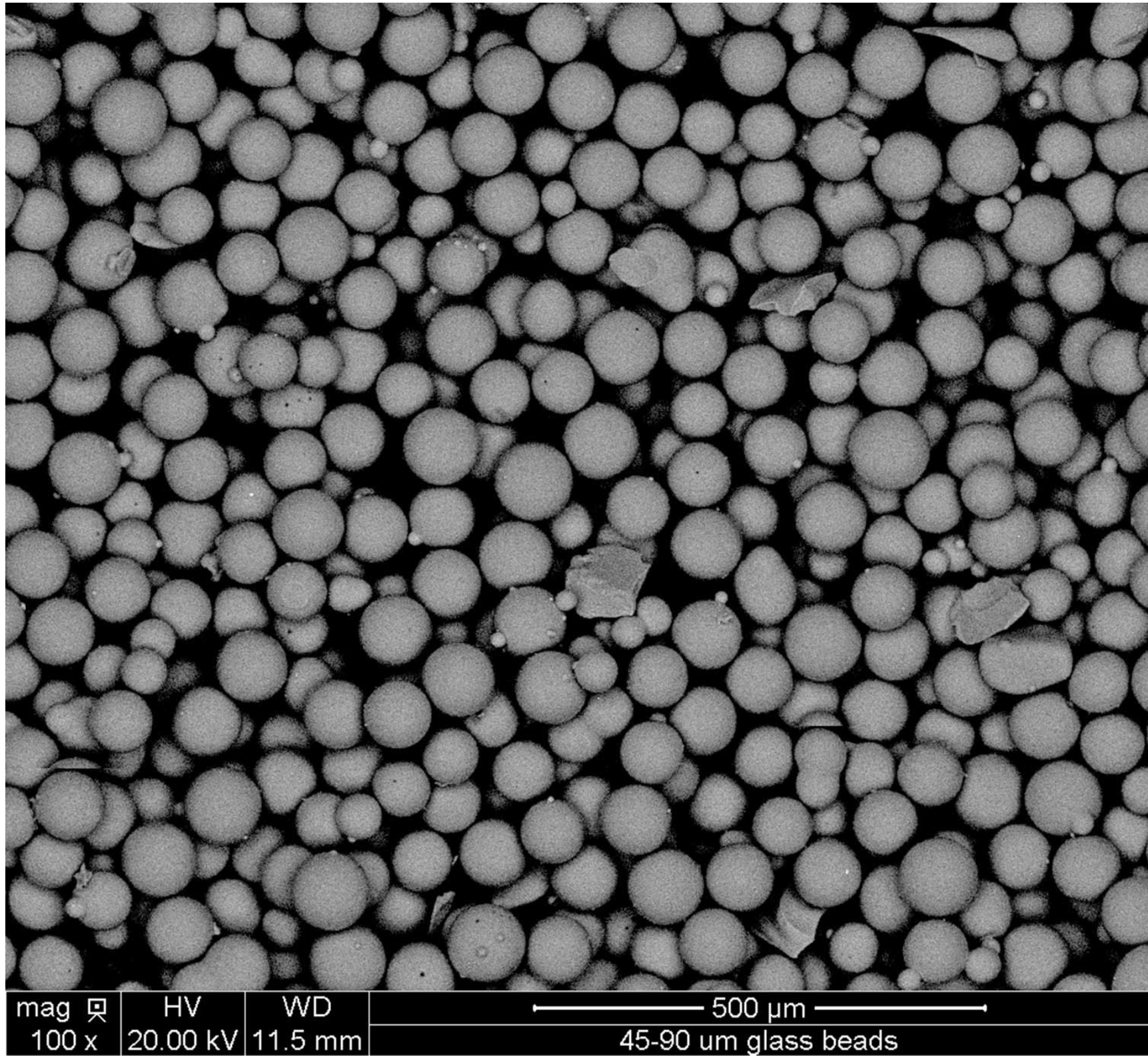
Southwest Research Institute

[rubypatterson1@gmail.com](mailto:rubypatterson1@gmail.com), [dwyrick@swri.edu](mailto:dwyrick@swri.edu)

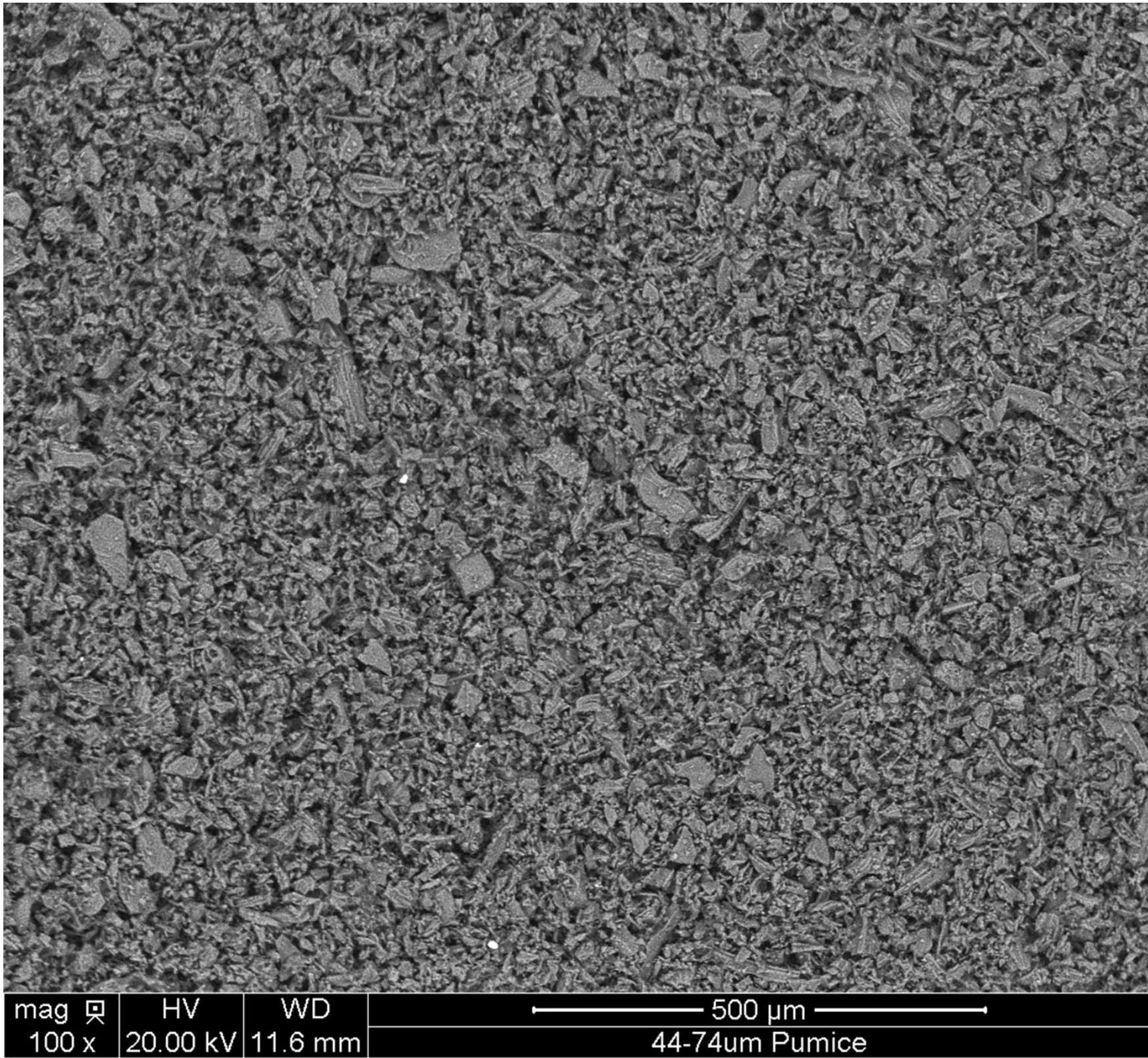
Spherical Glass Beads	Angular Pumice Fragments	JSC-1a Lunar Simulant
45-90 $\mu\text{m}$	44-74 $\mu\text{m}$ ("4F")	Varies, $\bar{x} = 100 \mu\text{m}$
150- 212 $\mu\text{m}$ , normal	150- 212 $\mu\text{m}$ , normal	
150- 212 $\mu\text{m}$ , seismic	150- 212 $\mu\text{m}$ , seismic	



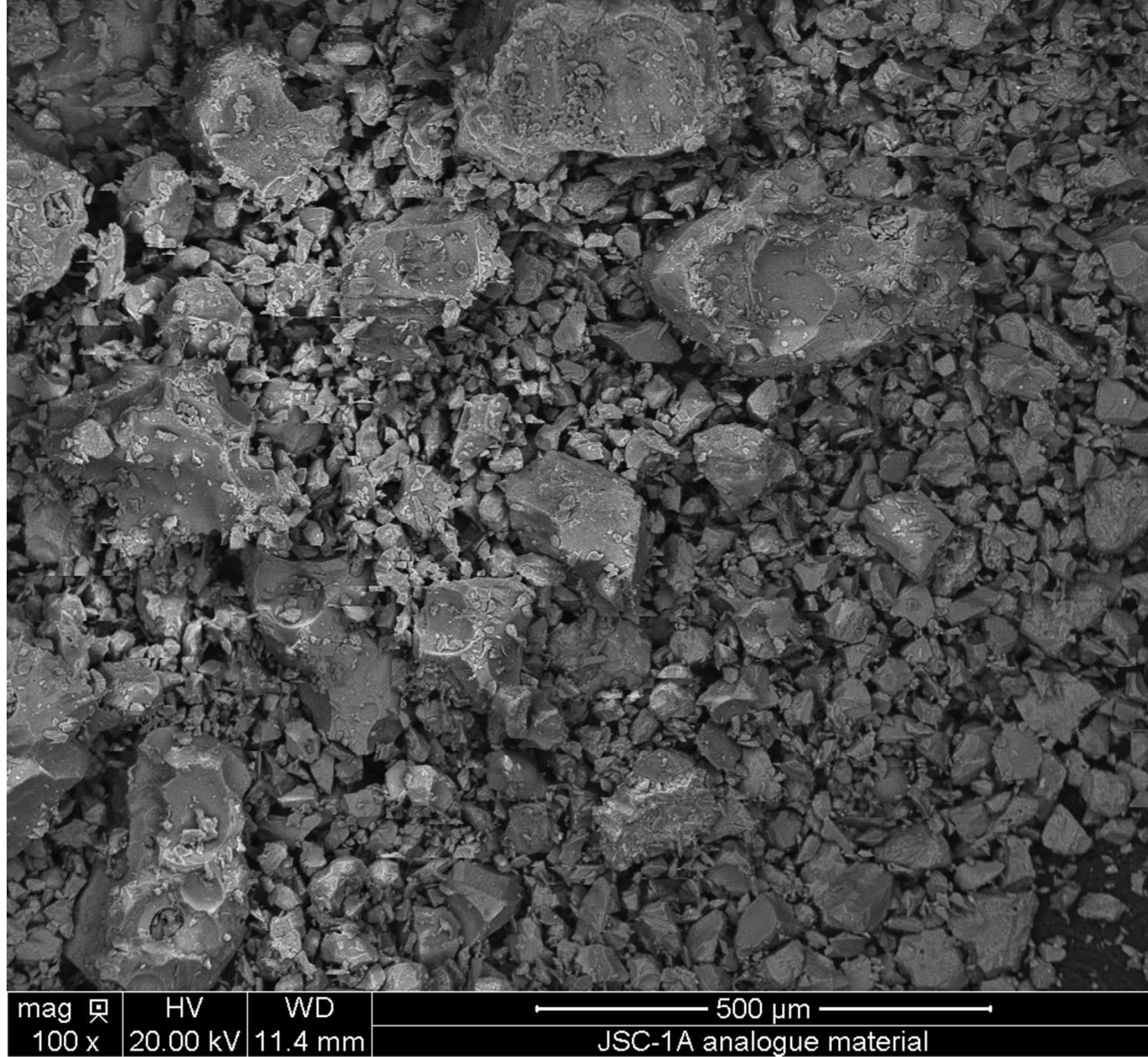
Spherical Glass  
Beads



Angular Pumice  
Fragments



JSC-1A  
Simulant



500 x

