Stardust SEM Bullet Survey Volume 1

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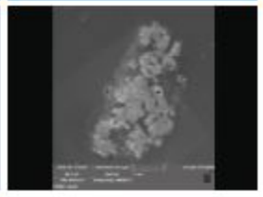
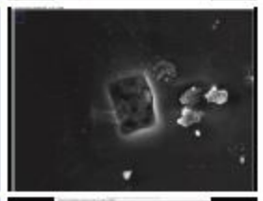
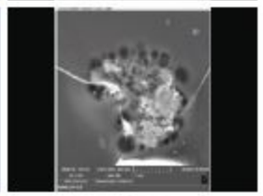
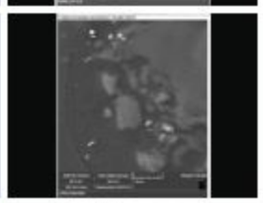
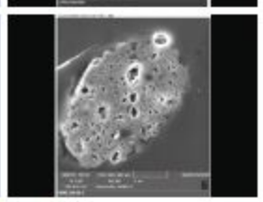
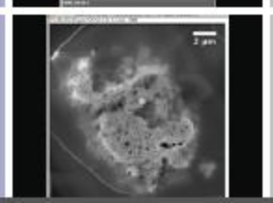
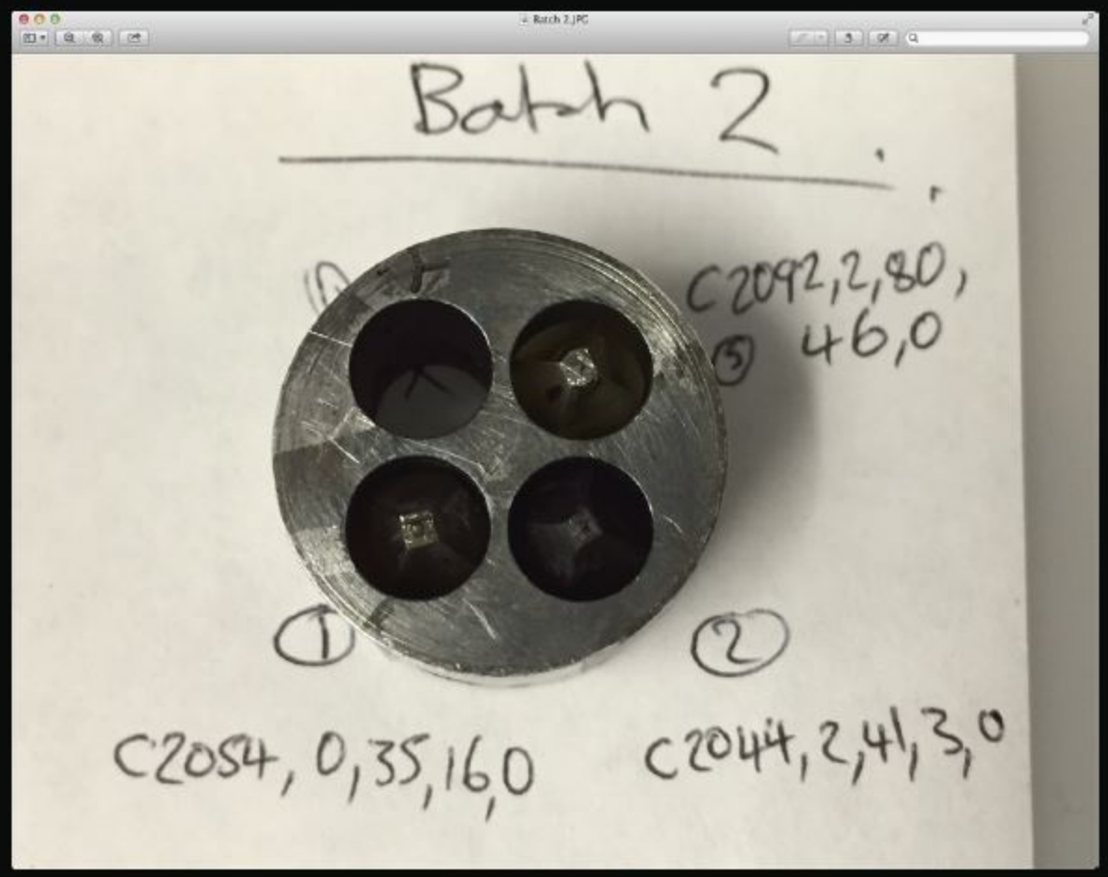
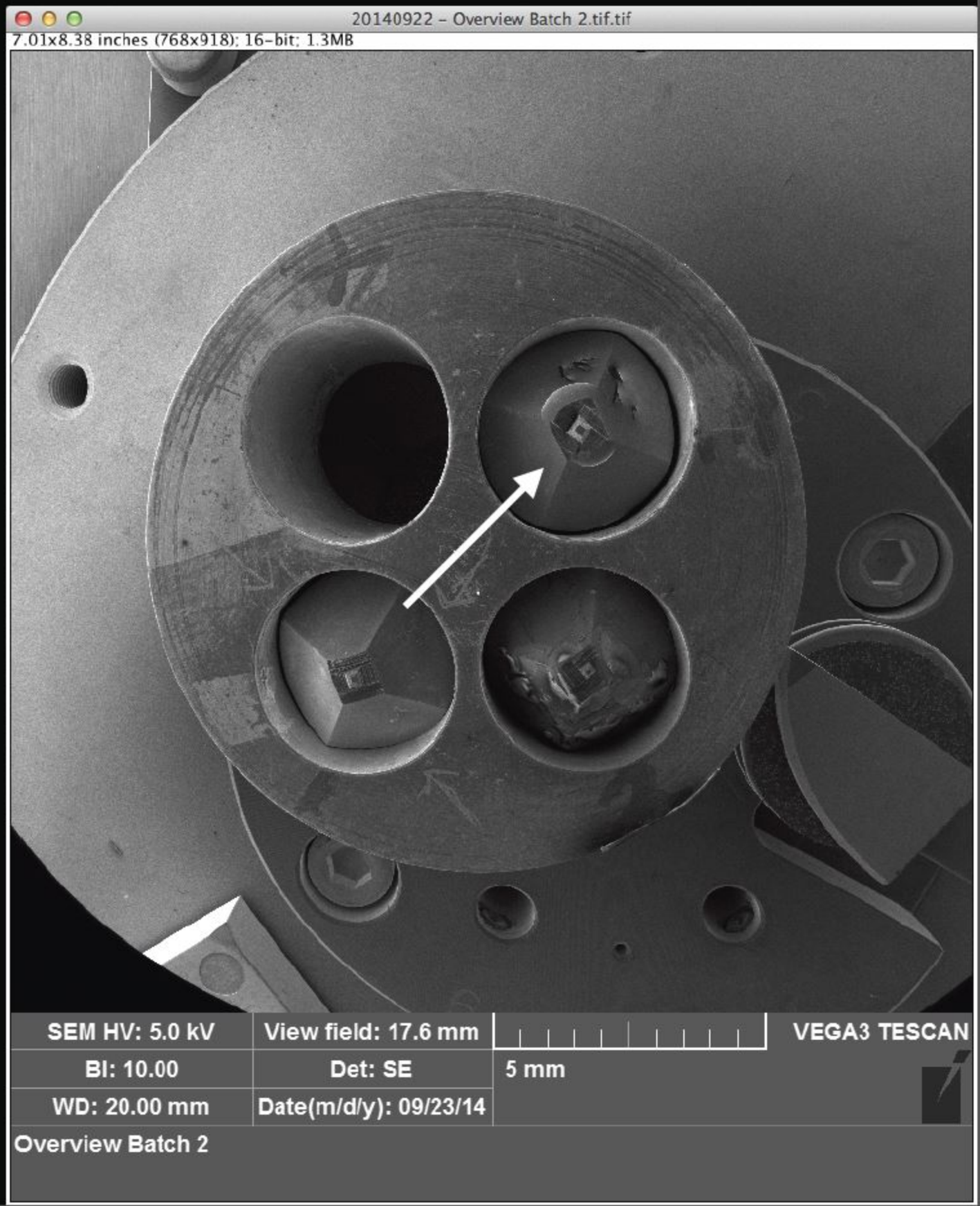
Summary

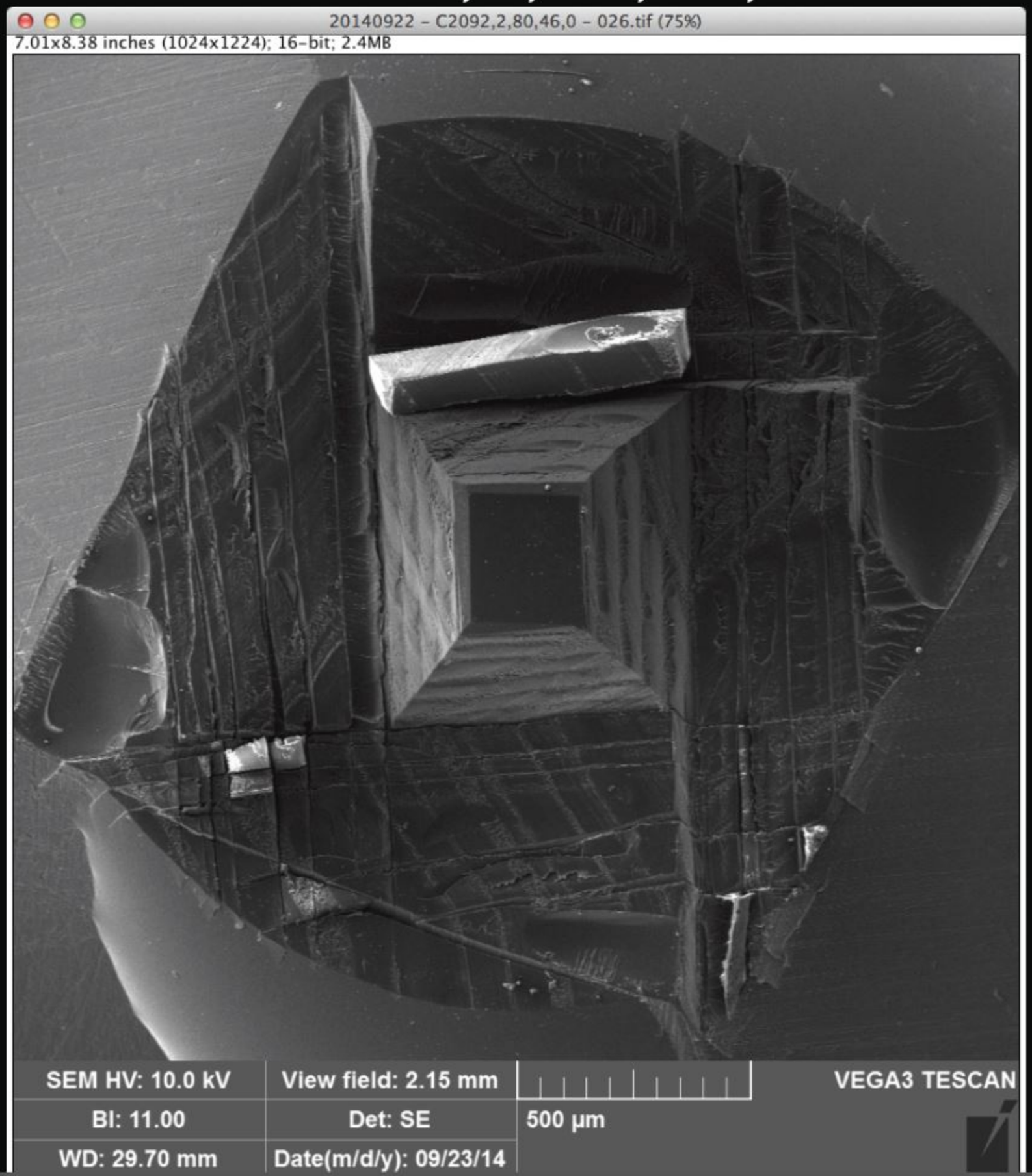
Bullet	Image	EDS	Summary	Recommend SIMS?
C2004,1,44,4,0		Y	Material clearly visible. Fine grained.	Y
FC12,0,16,1,0		N	Nothing visible.	N
FC3,0,2,2,0		N	Material visible, but likely altered by previous experiment.	N
C2054,0,35,16,0		N	Material visible, possibly altered by previous experiment	N
C2044,2,41,3,0		Y	Material visible. Heterogeneous assembly of different phases.	Y
C2092,2,80,46,0		Y	Aerogel visible, not clear if much track is present.	Y
C2092,2,80,48,0		Y	Material clearly visible. Fine grained.	Y
C2092,2,80,49,0		Y	Material clearly visible. Fine grained.	Y

Overview of second batch





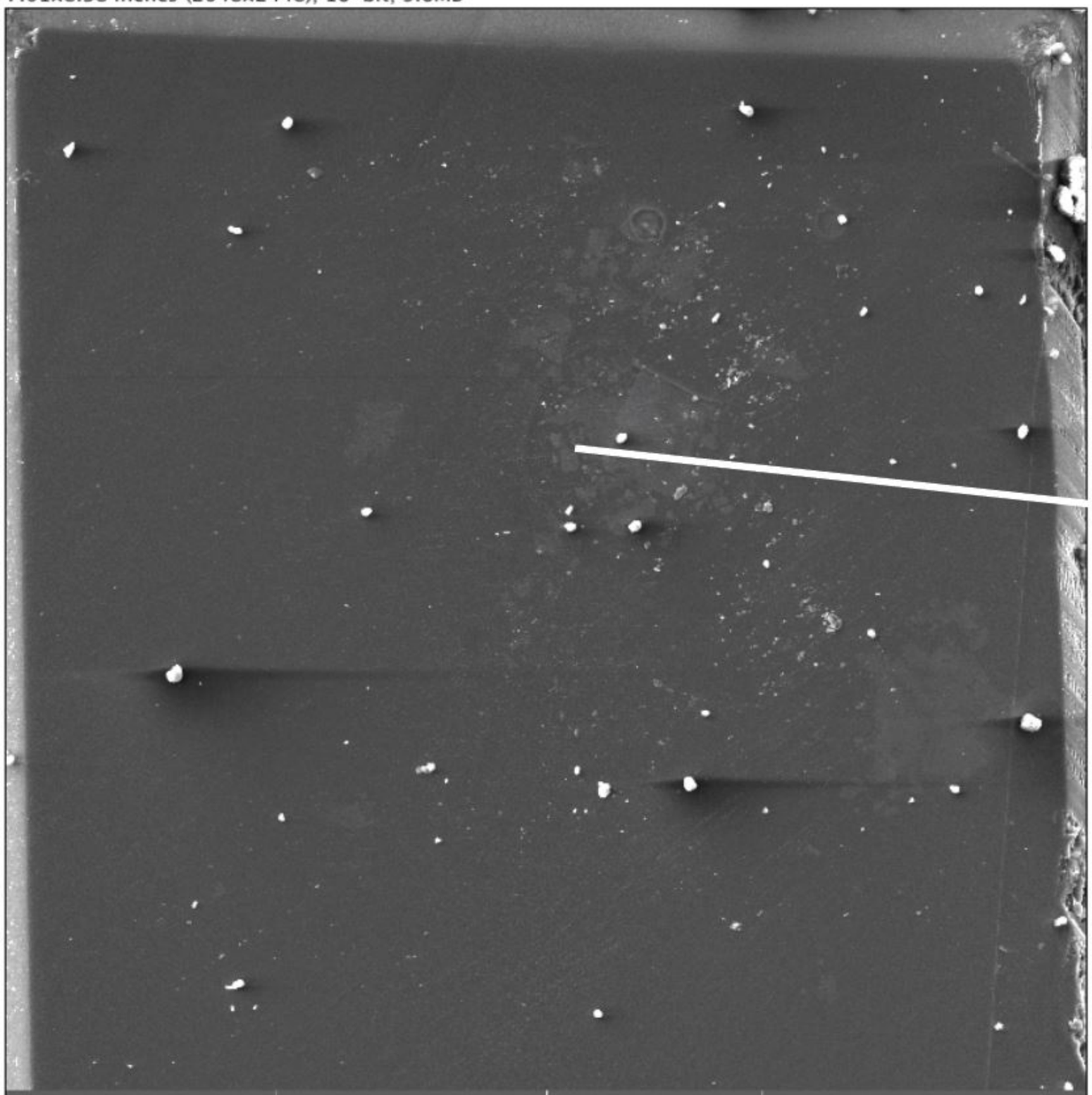
C2092,2,80,46,0



C2092,2,80,46,0

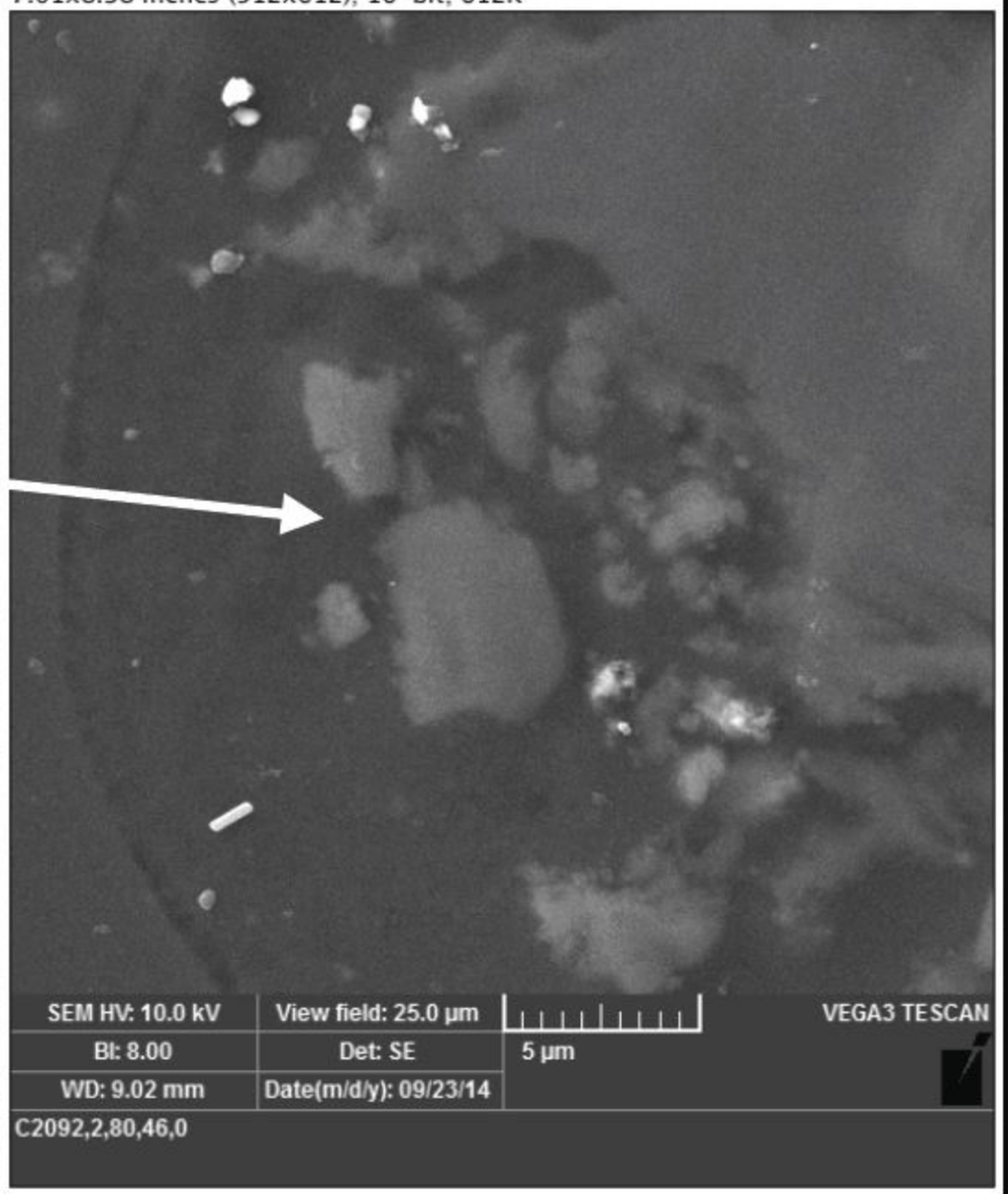
20140922 - C2092,2,80,46,0 - 027.tif (33.3%)

7.01x8.38 inches (2048x2448); 16-bit; 9.6MB



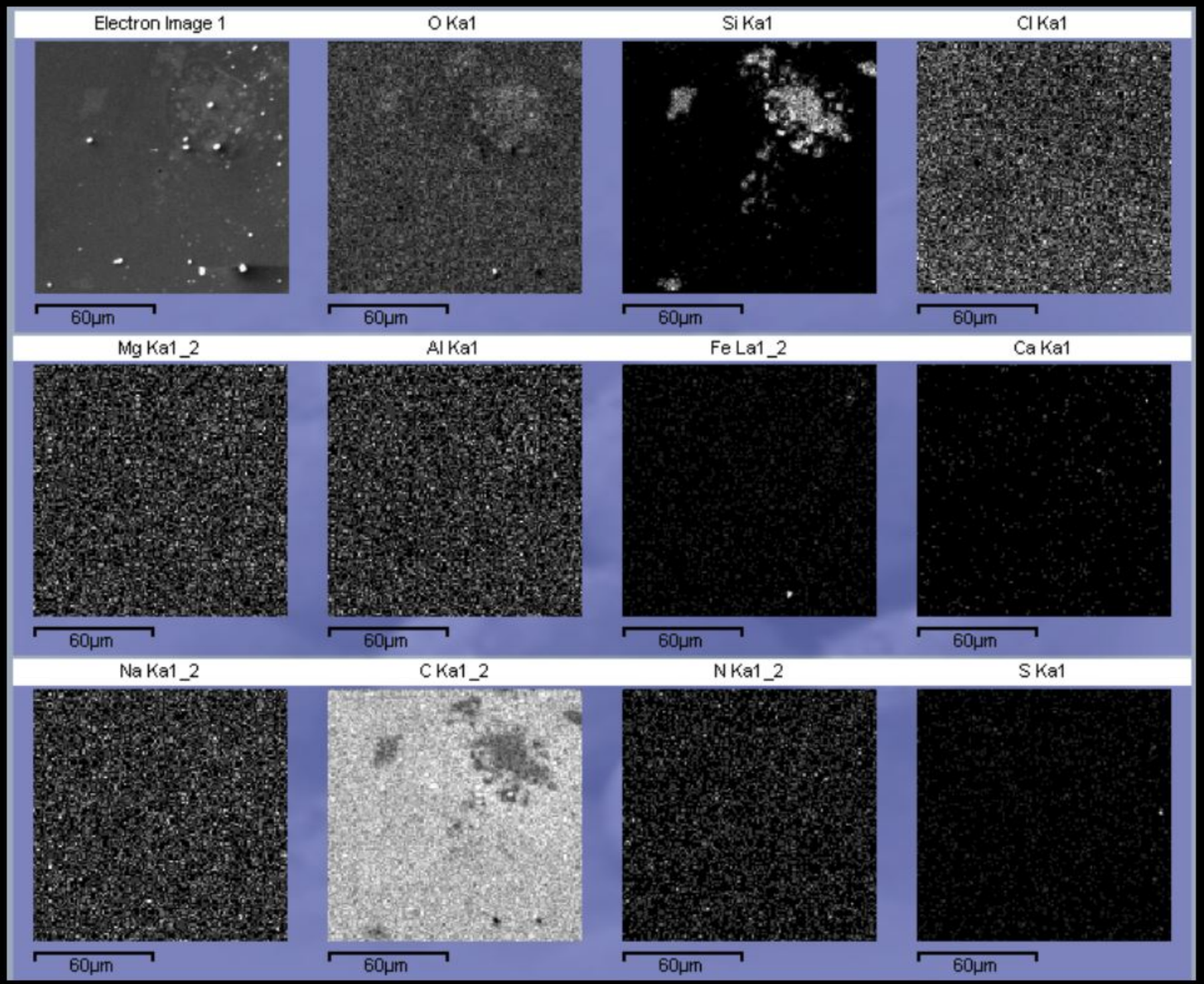
20140922 - C2092,2,80,46,0 - 028.tif

7.01x8.38 inches (512x612); 16-bit; 612K



So I guess this is all aerogel. Not so clear that it is actually track material though.

C2092,2,80,46,0 - EDS



See? O and Si rich, C poor.

There is sure lots of gunk on the surface though.