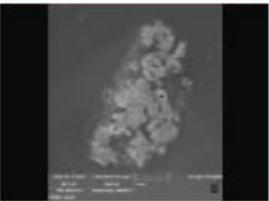
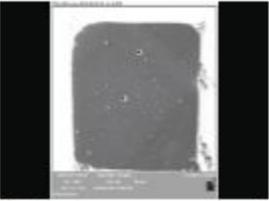
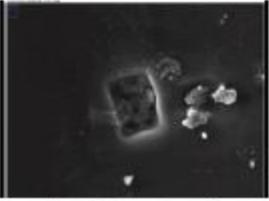
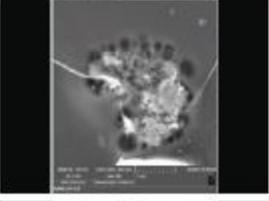
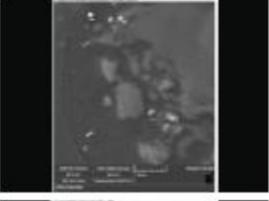
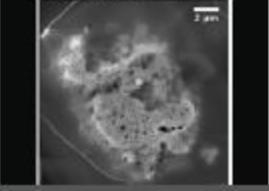


# Stardust SEM Bullet Survey Volume 1

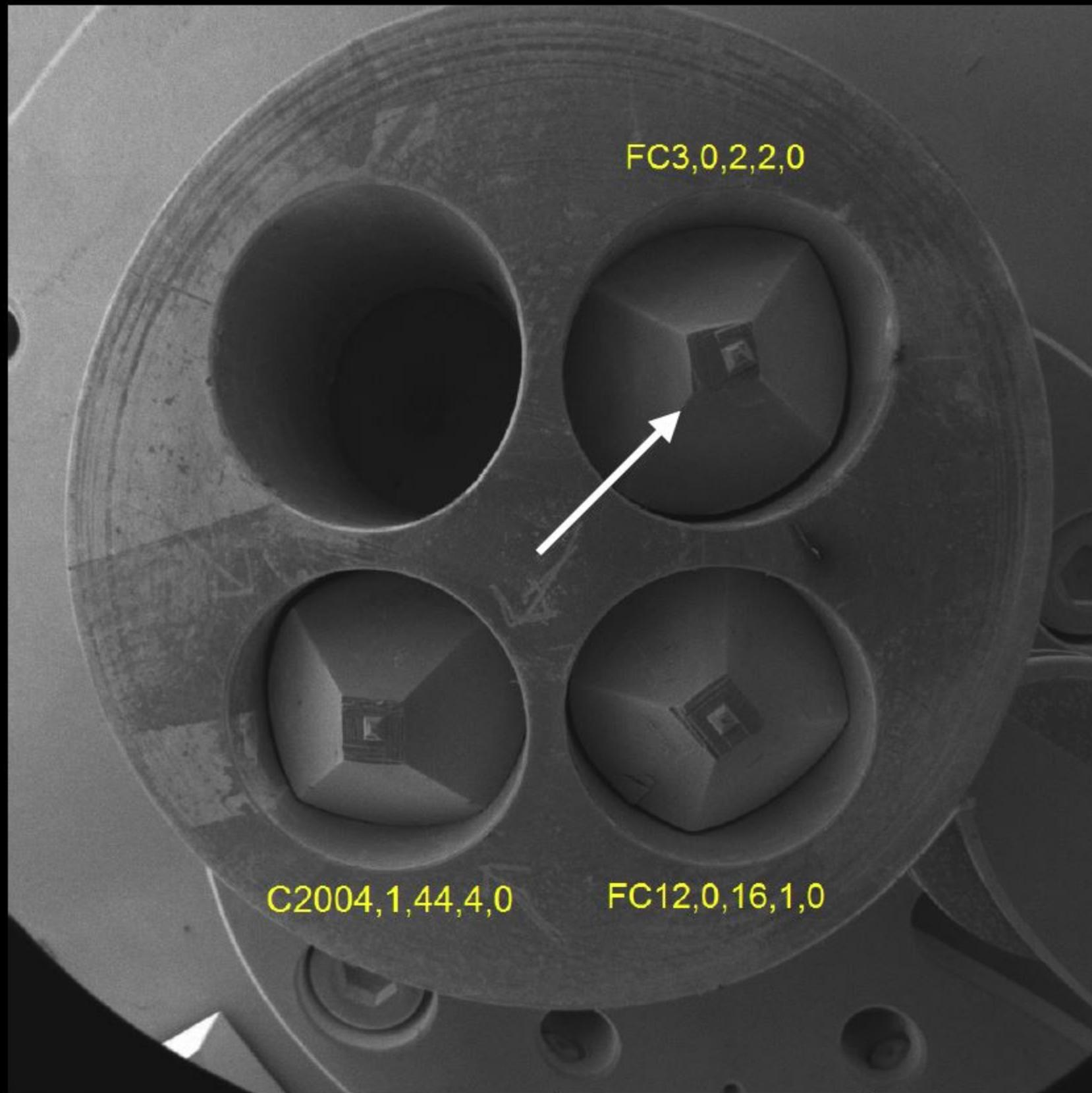
Zack Gainsforth

22 Sep 2014

# 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



SEM HV: 1.0 kV

View field: 17.6 mm

VEGA3 TESCAN

BI: 13.00

Det: SE

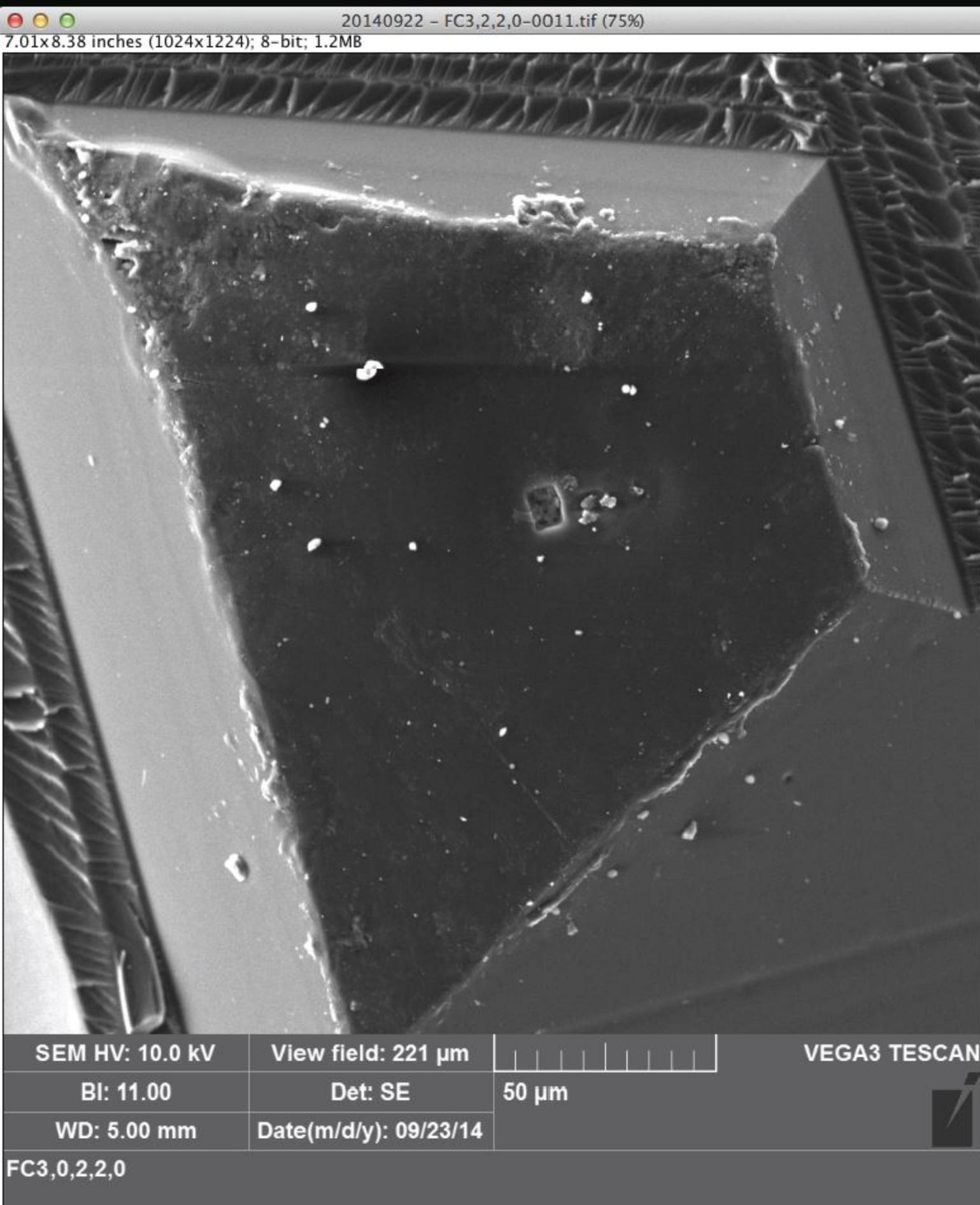
5 mm

WD: 20.00 mm

Date(m/d/y): 09/22/14

Overview 1

# FC3,0,2,2,0

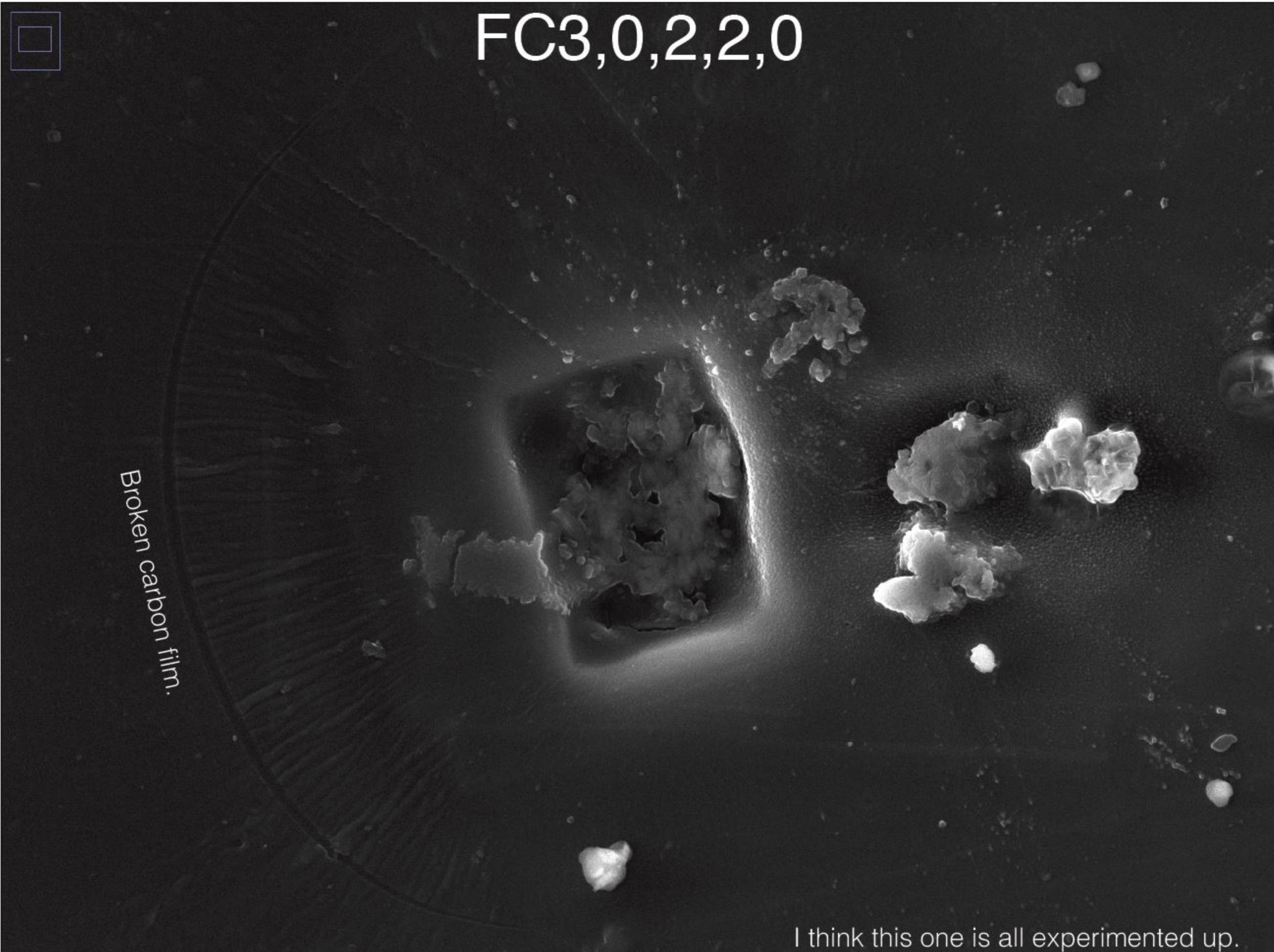


Already a crater in the middle.

# FC3,0,2,2,0

Broken carbon film.

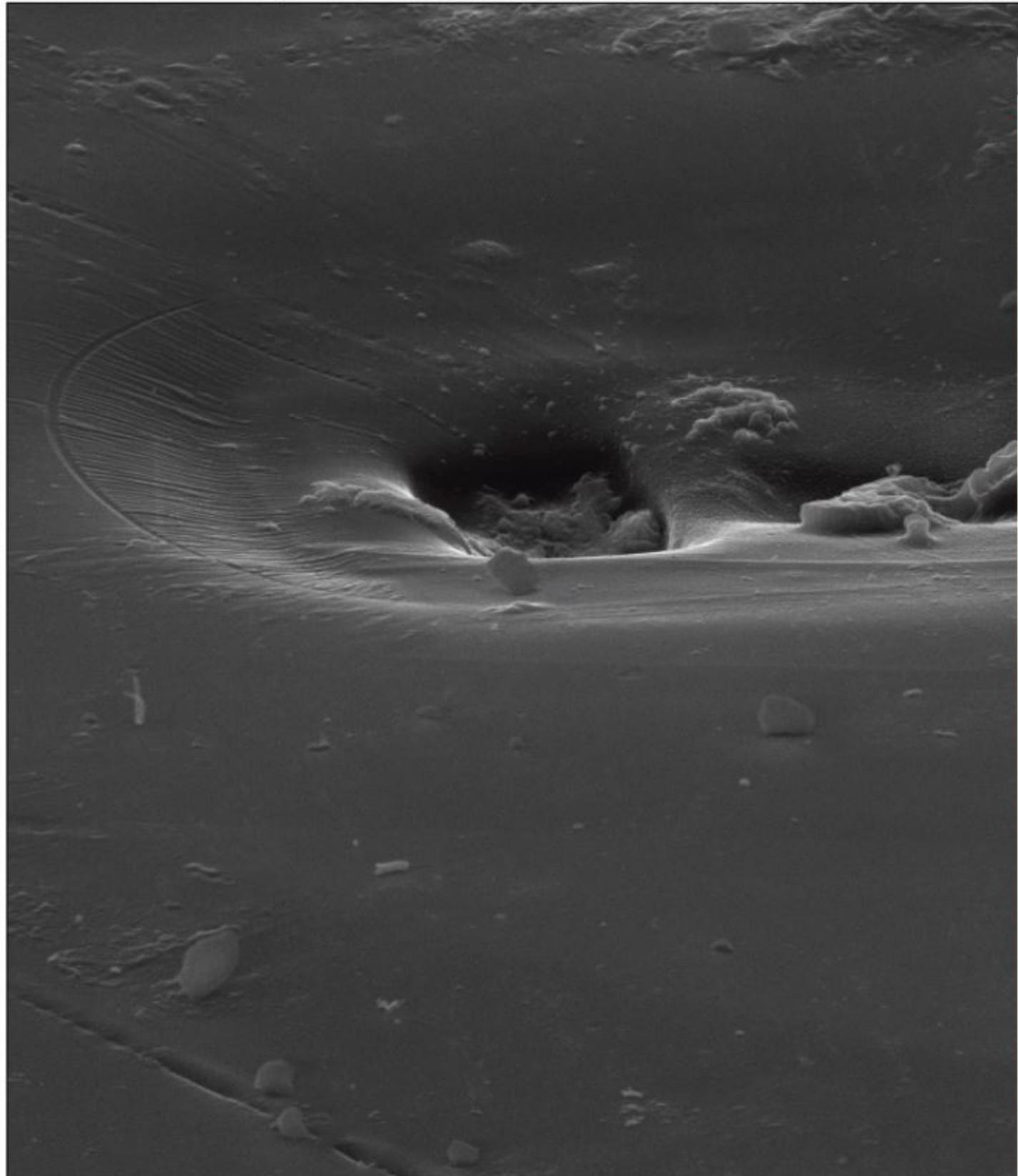
I think this one is all experimented up.



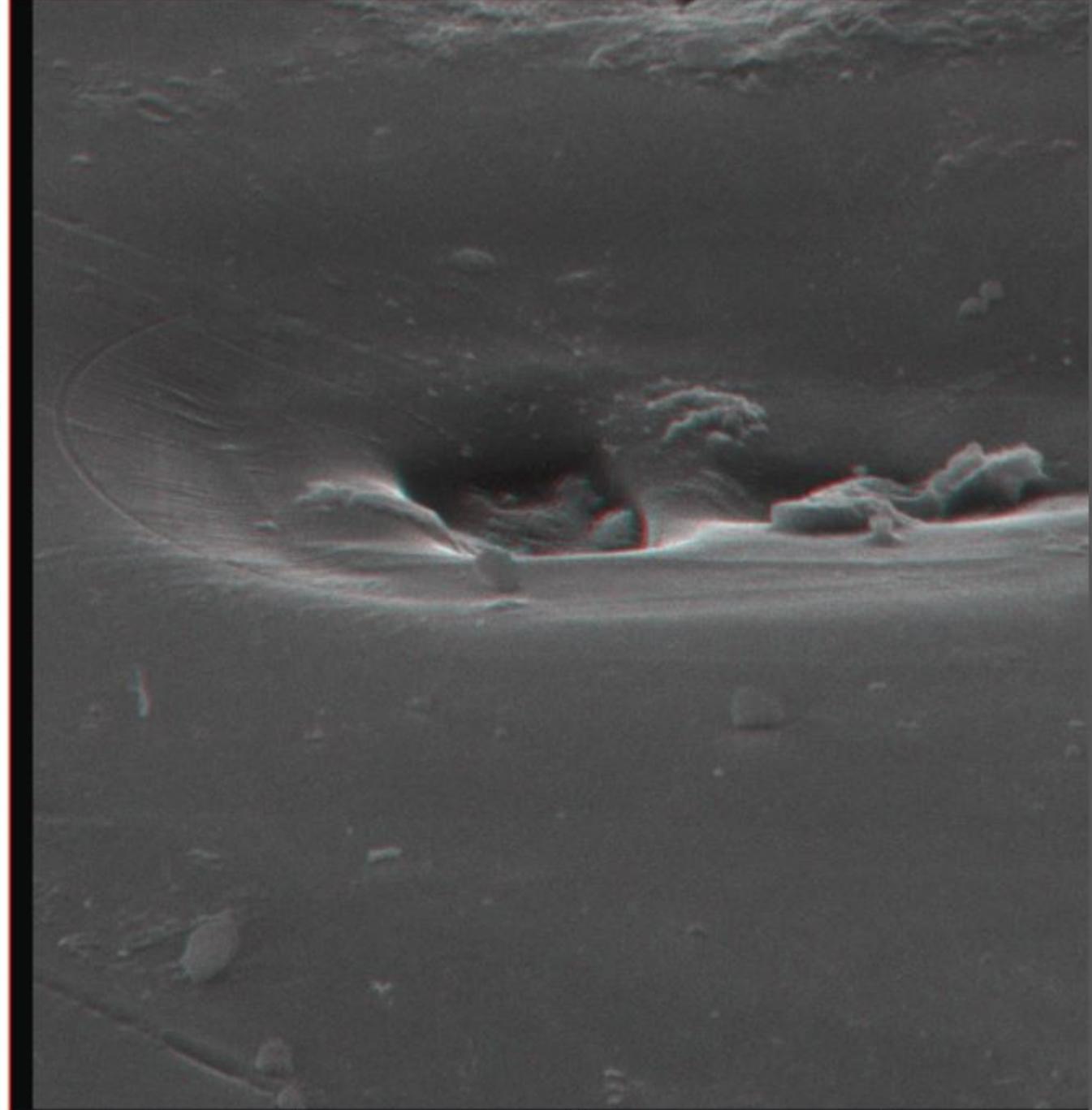
7.01x8.38 inches (768x918); 16-bit; 1.3MB

20140922 - FC3,2,2,0015.tif

# FC3,0,2,2,0



20140922 - FC3,2,2,0014.tif  
1/3 (Red); 7.01x8.38 inches (512x612); 16-bit; 1.8MB



SEM HV: 10.0 kV	View field: 35.9 $\mu$ m	10 $\mu$ m	VEGA3 TESCO
BI: 8.00	Det: SE		
WD: 9.12 mm	Date(m/d/y): 09/23/14		

FC3,0,2,2,0 - 70 deg stage tilt

SEM HV: 10.0 kV	View field: 35.9 $\mu$ m	10 $\mu$ m	VEGA3 TESCO
BI: 8.00	Det: SE		
WD: 9.12 mm	Date(m/d/y): 09/23/14		

FC3,0,2,2,0 - 3D at 70 deg stage tilt - 0.63 deg beam tilt

