

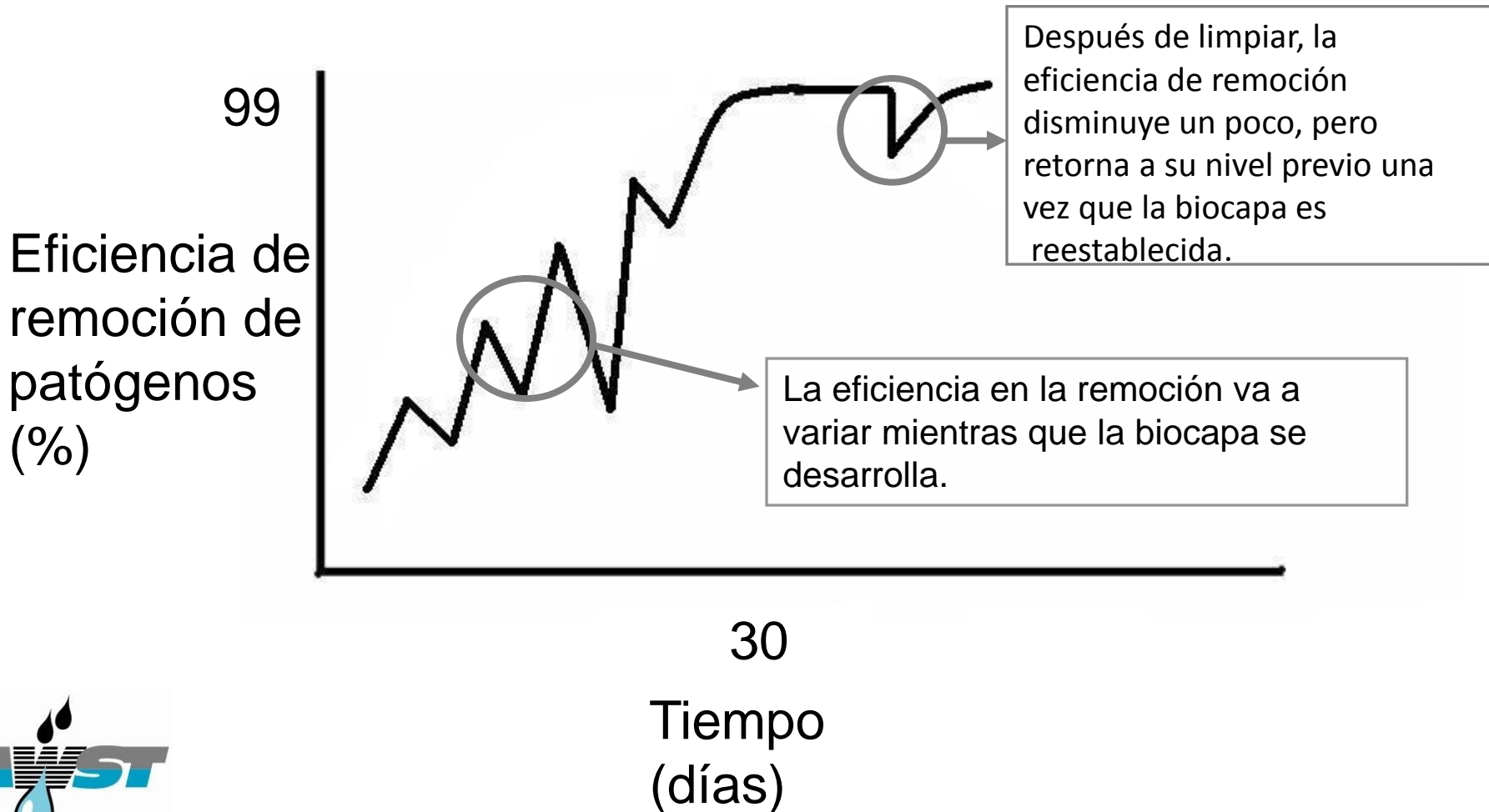
# Desarrollo de la biocapa



# Tipos de Microorganismos

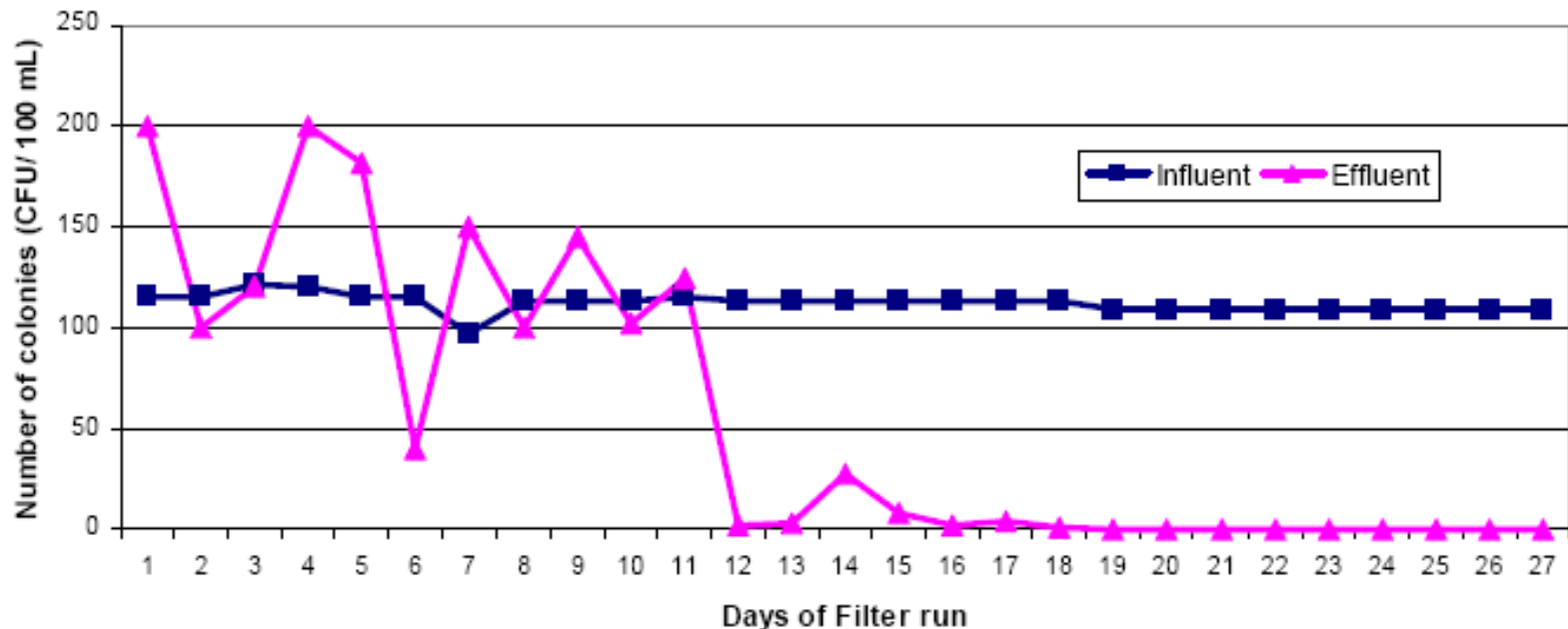
1. Bacteria – microorganismos primarios
2. Diatomeas – forma de bacilo o coco

# Estableciendo la biocapa



# Estableciendo la biocapa

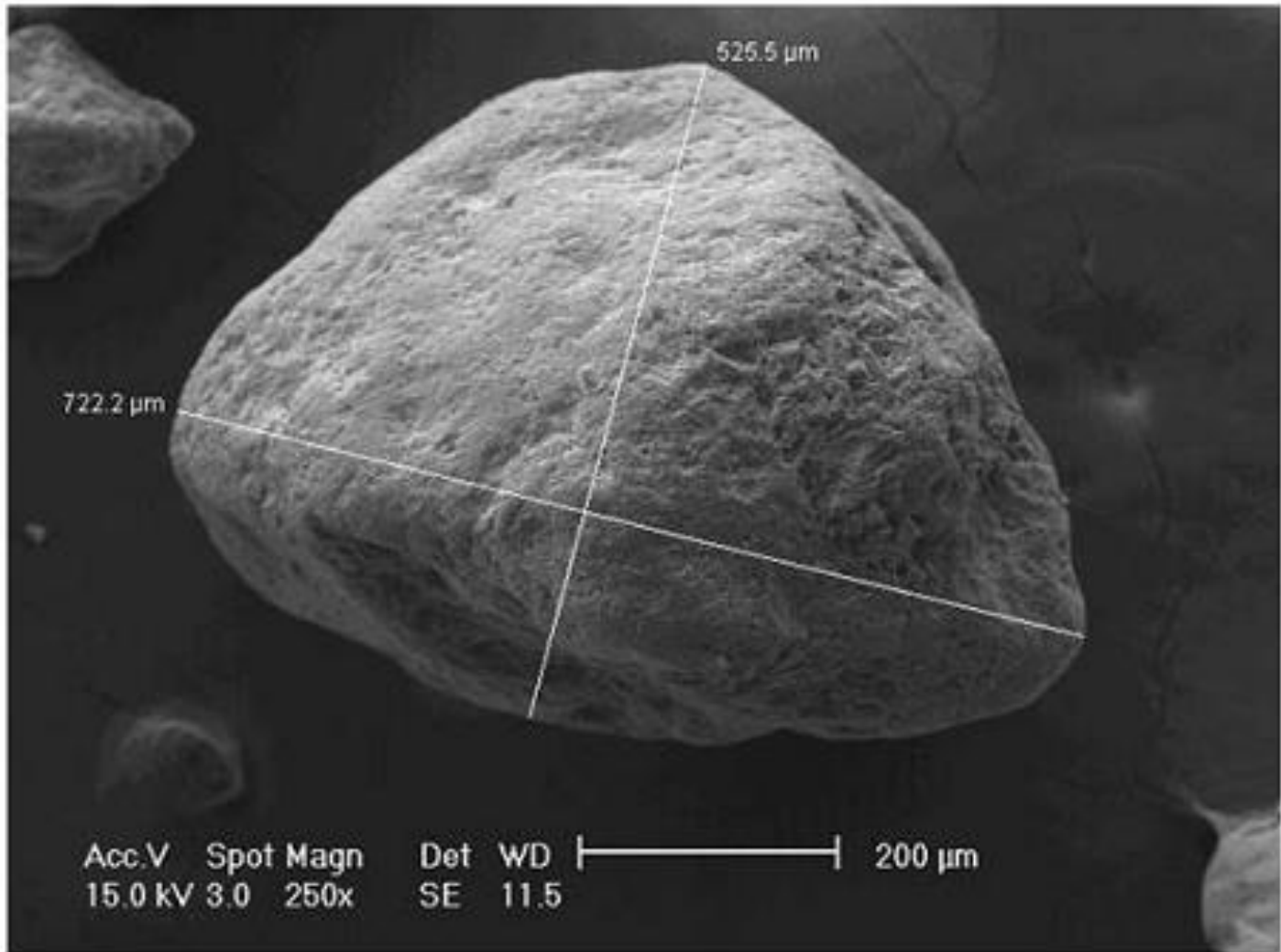
Comparación en la concentración total de coliformes entre la fuente de agua influente y el efluente del filtro de bioarena en un periodo de 4 semanas



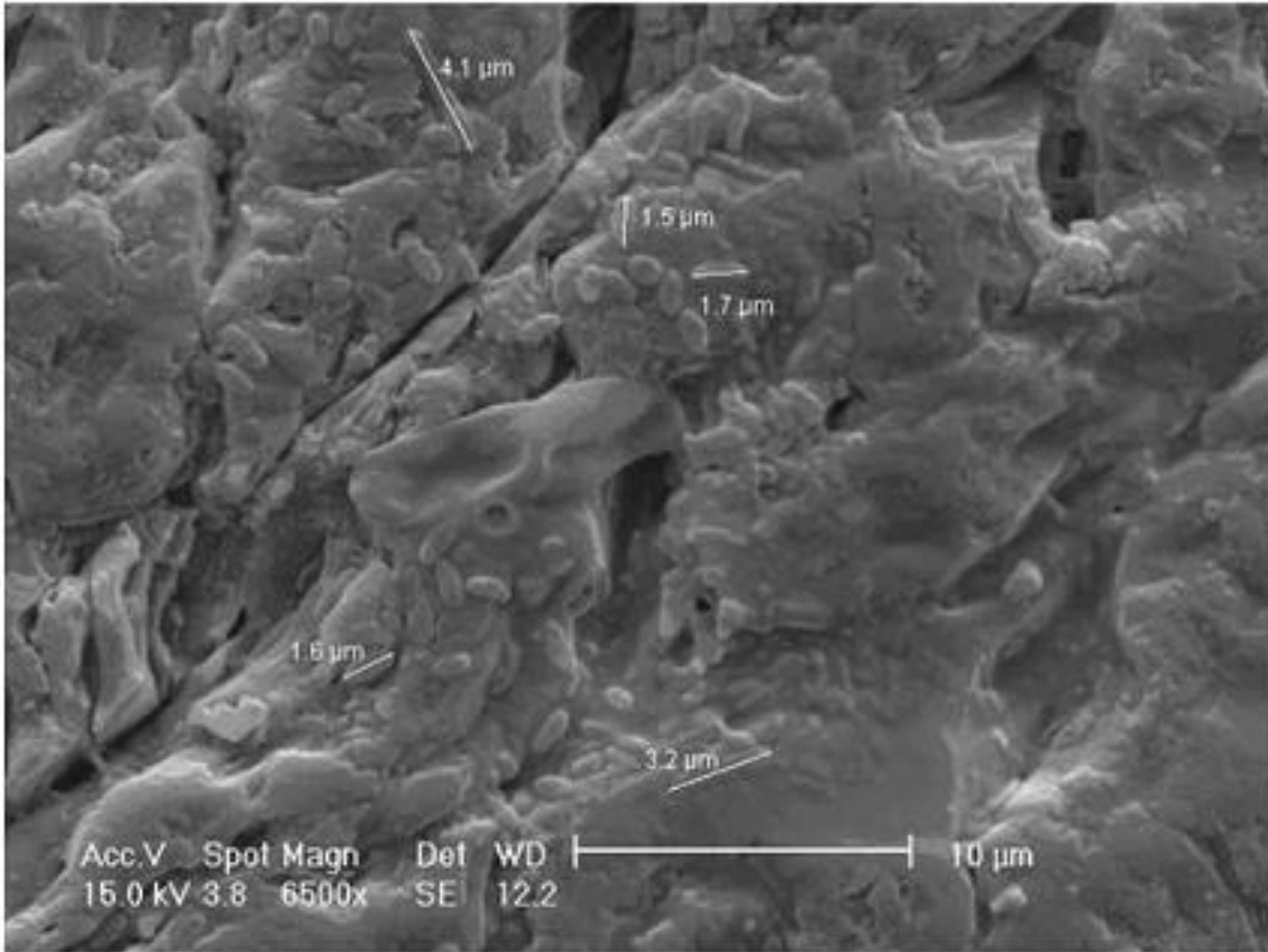
(Sharma, D., Tesis de maestria, Universidad de Katmandú, 2005)



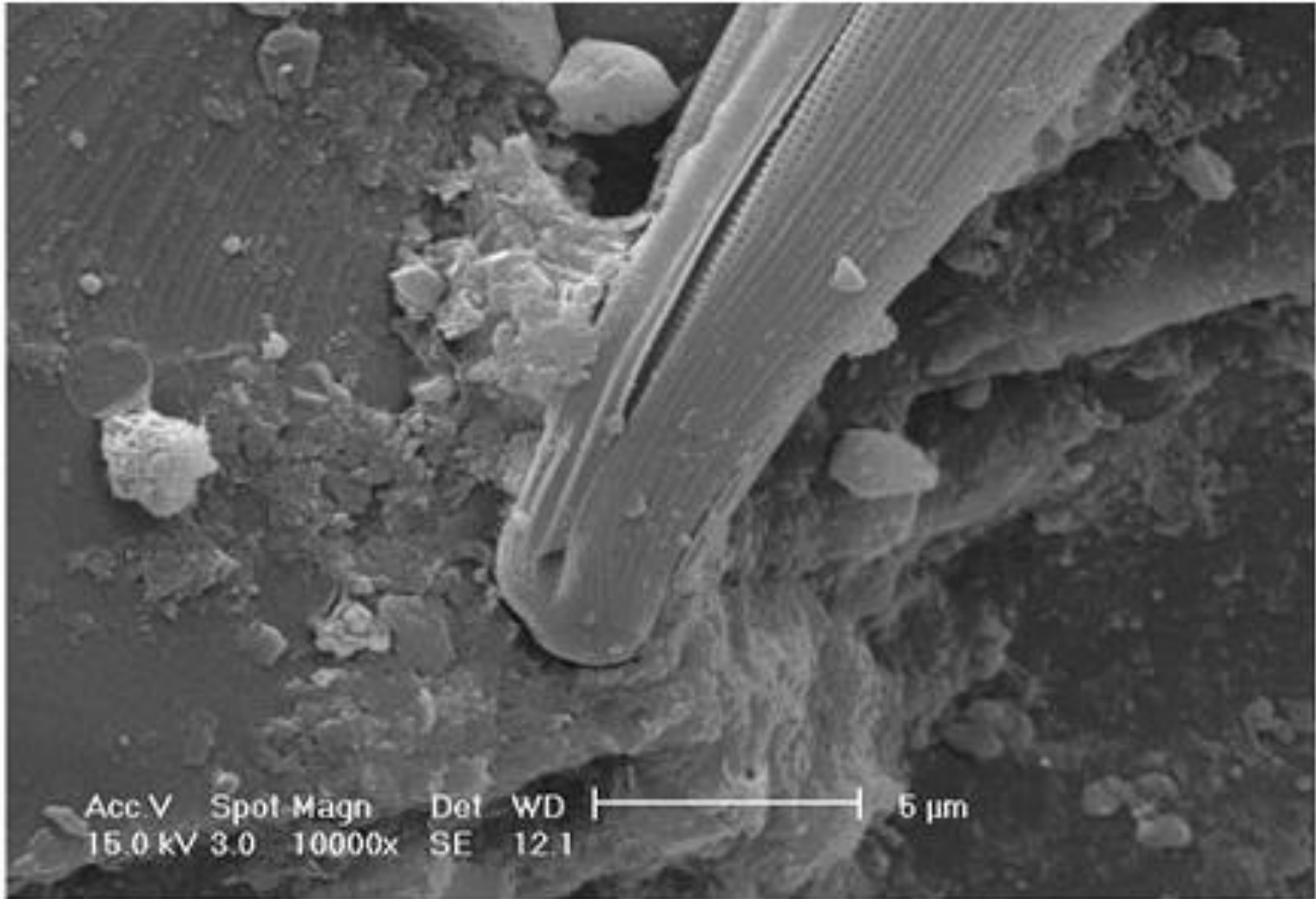
# Grano de arena



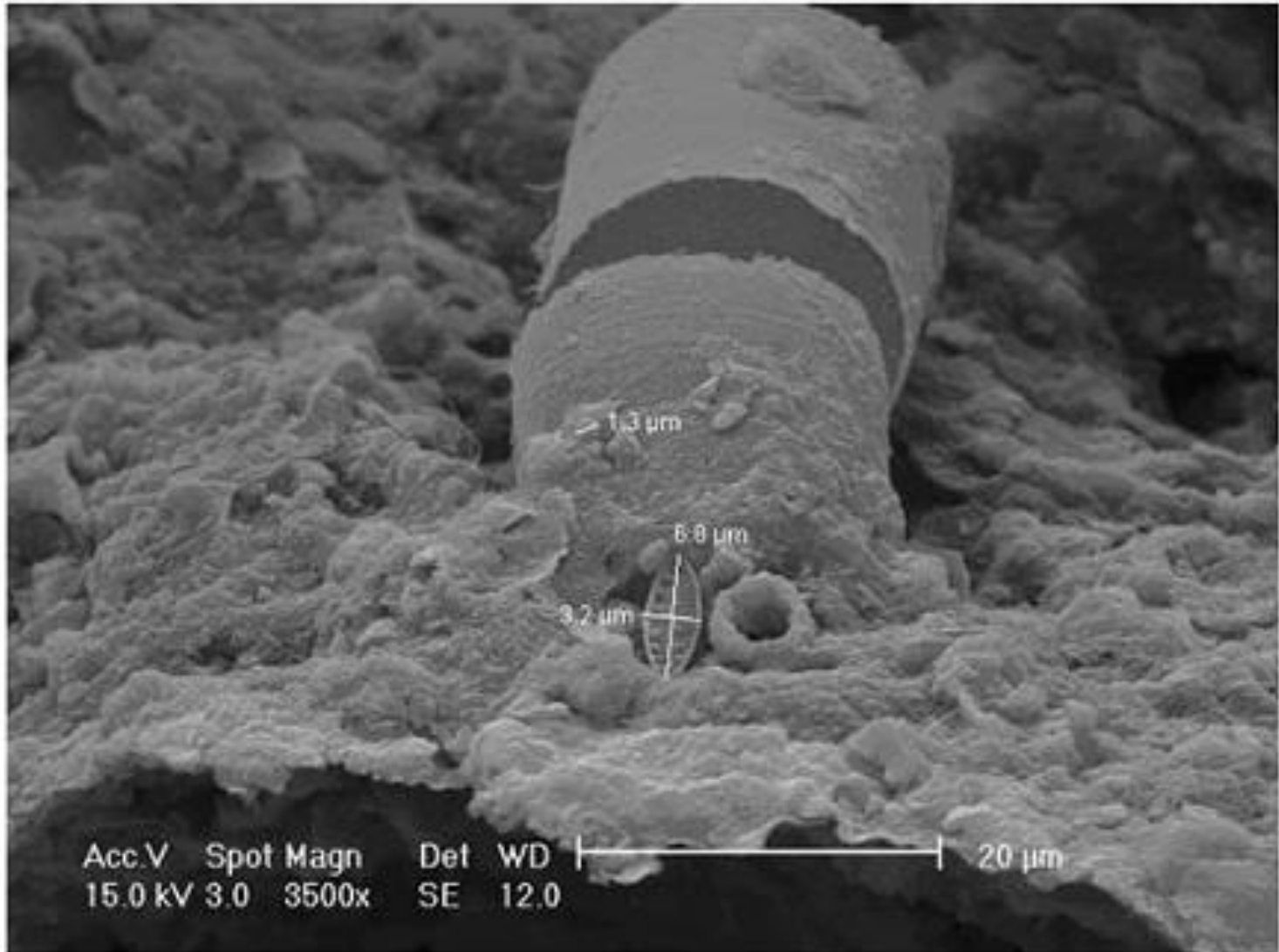
# Después de 1 semana de desarrollo



# 3 semanas

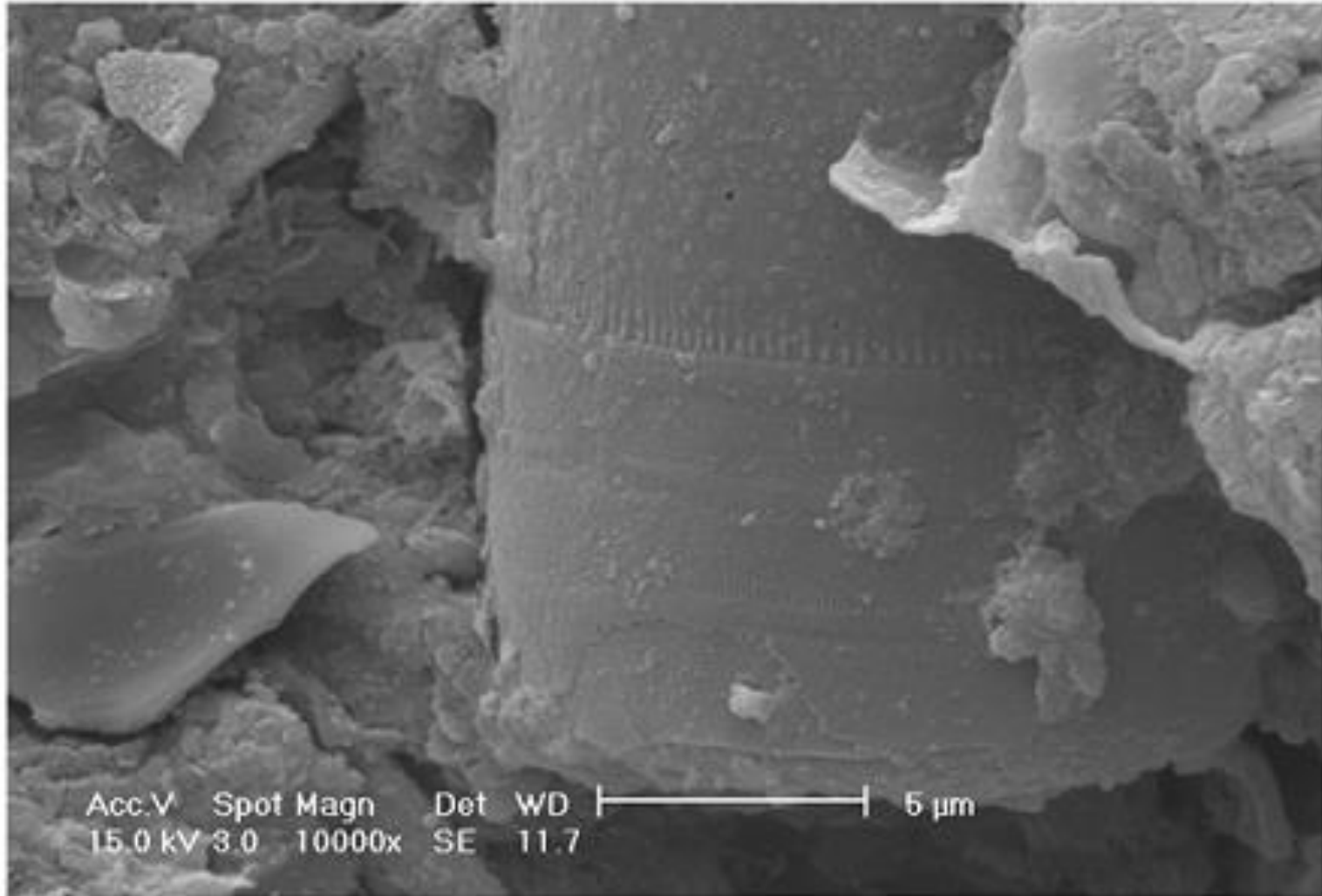


# 4 semanas

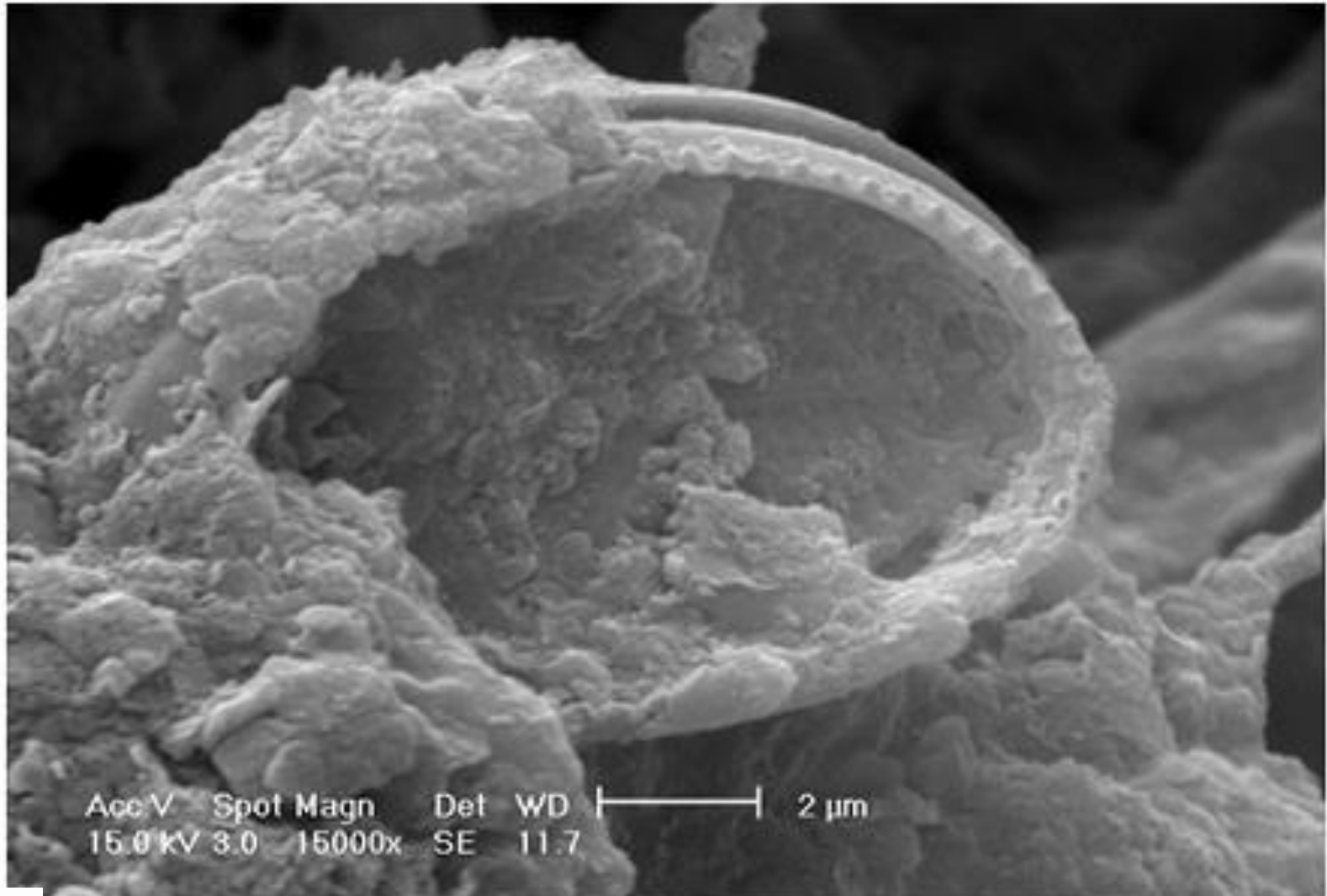




# 5 semanas – forma de bacilo



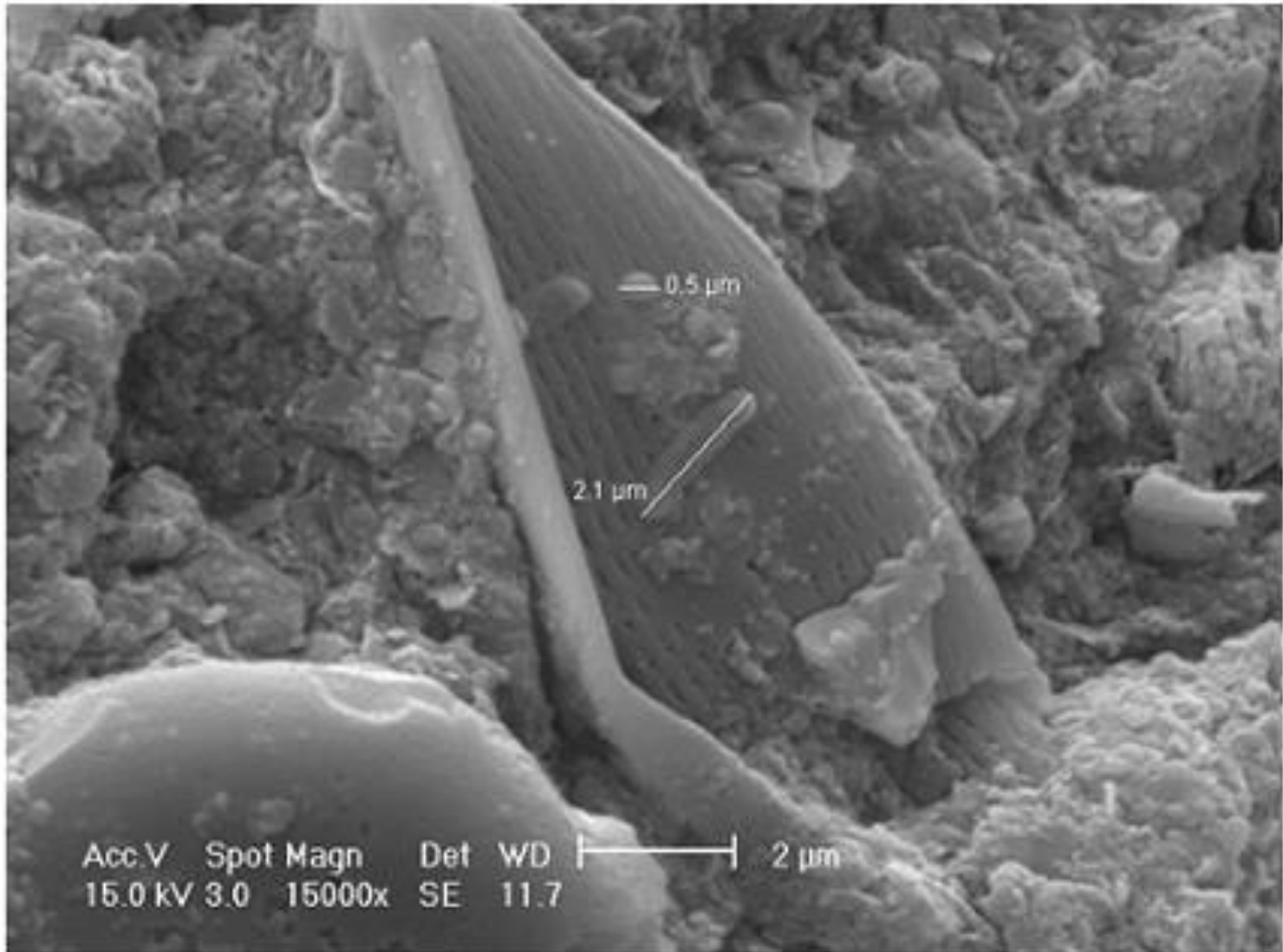
# 5 semanas – forma de coco



# 6 semanas



# 7 semanas - diatomeas



# 8 semanas – no superficie de arena visible

