

What are, and have always been,
the most pressing problems facing
Curators?





Does non-refrigerated AC storage save space ?

- More and cheaper storage options
- \$750K buys a lot of space
- Running costs and maintenance charges could pay rent

Why do we refrigerate ?



reduce oxygen and water vapor transfer



deter mold growth

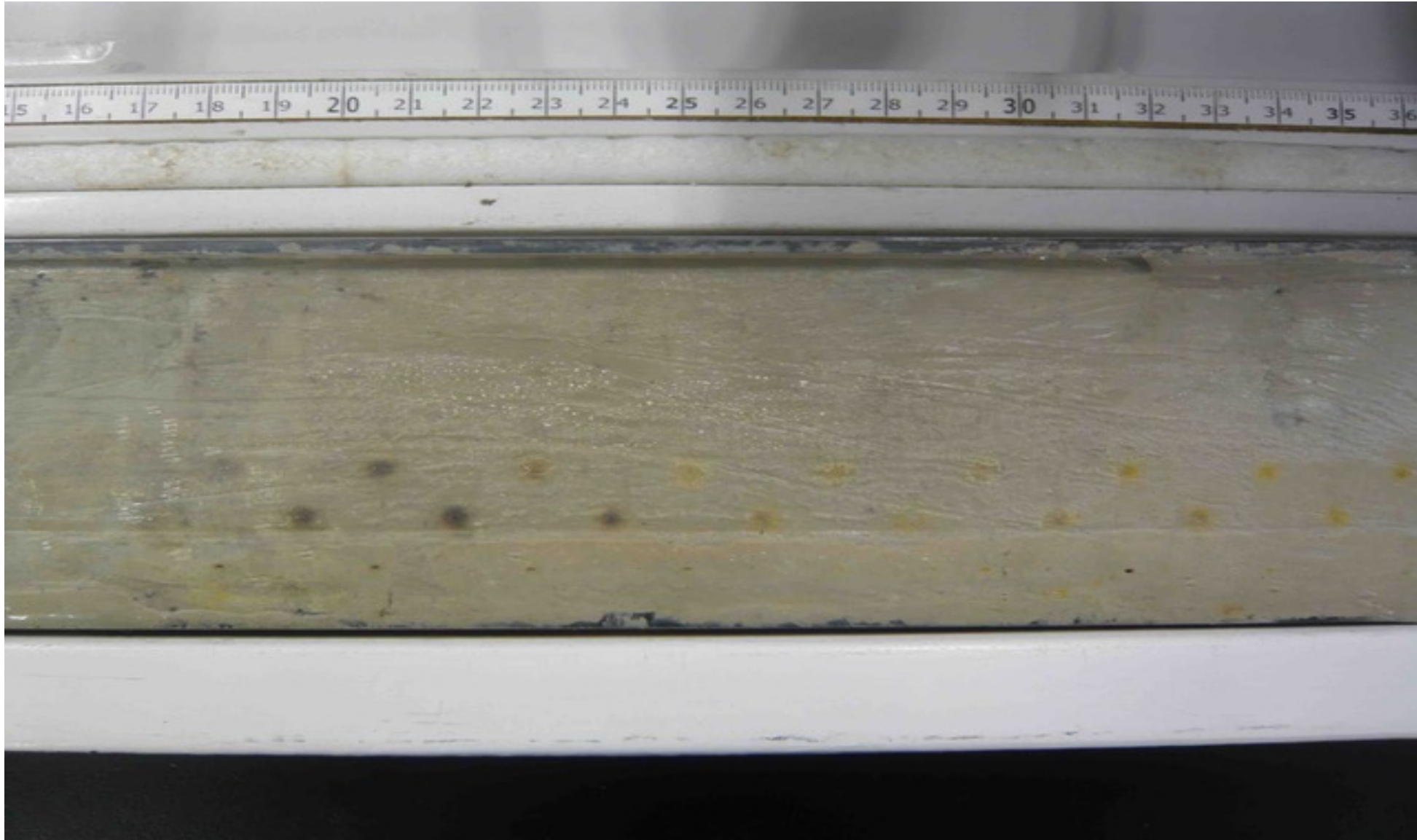


slow chemical changes

Exp. 361 Cores
after 6 months

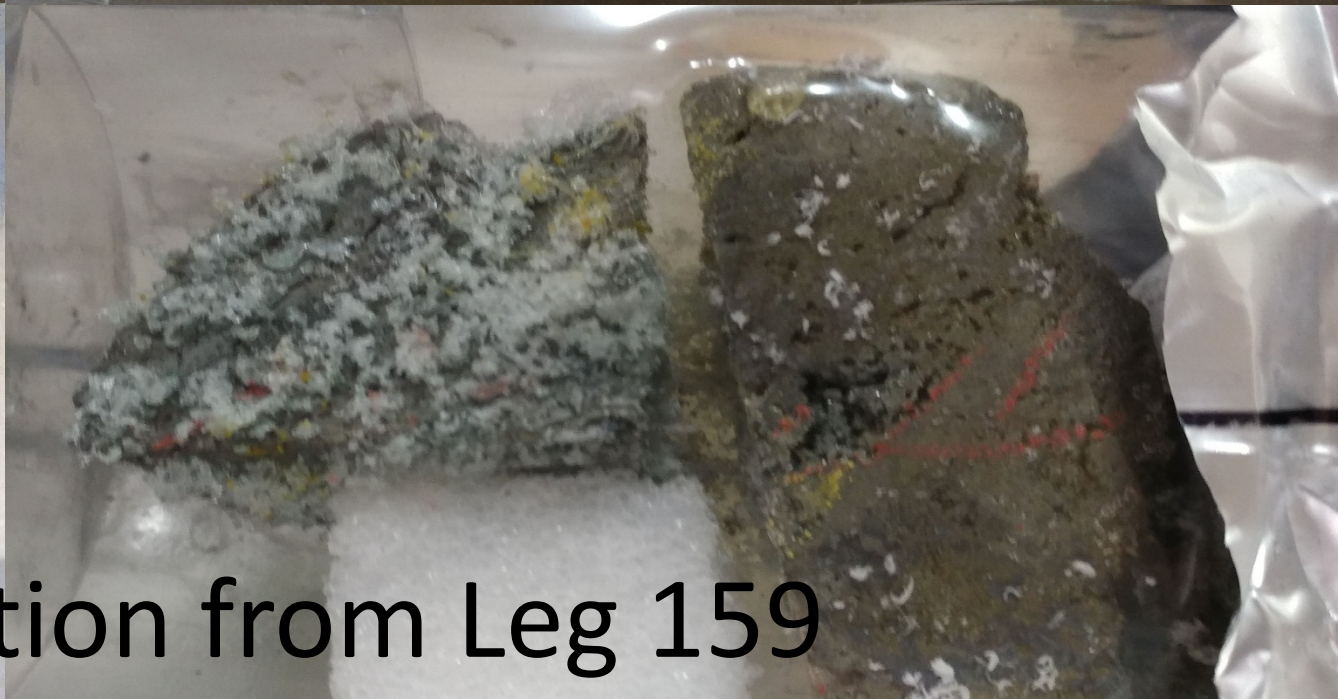
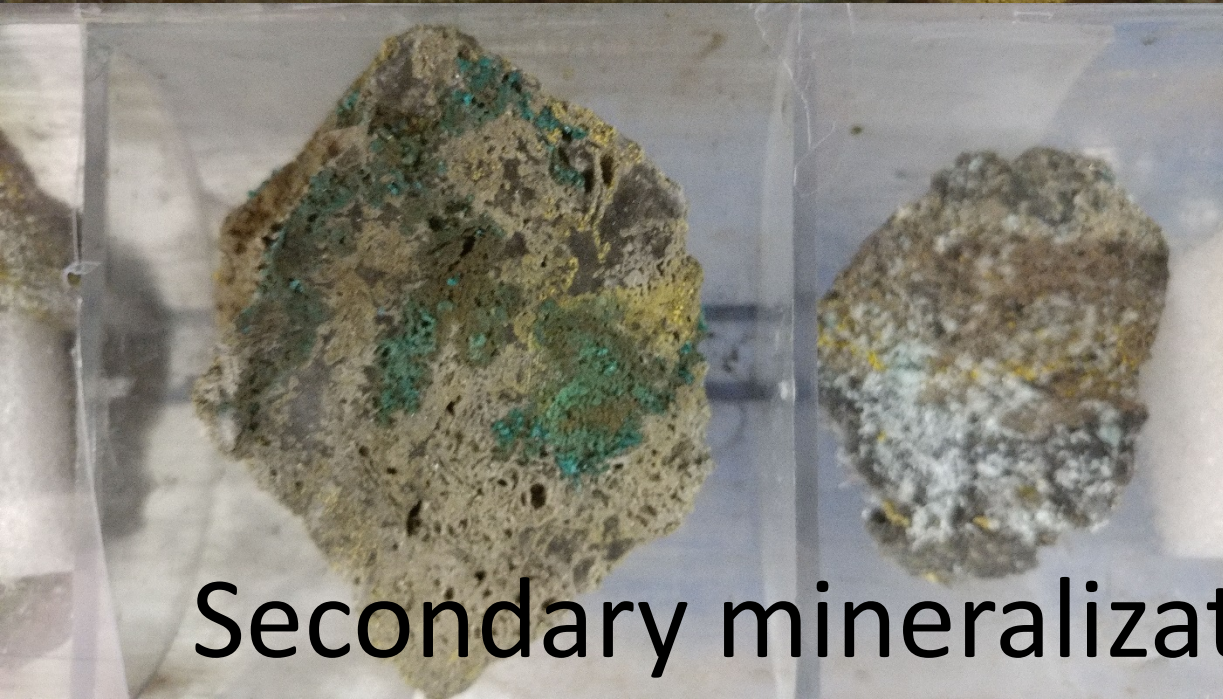
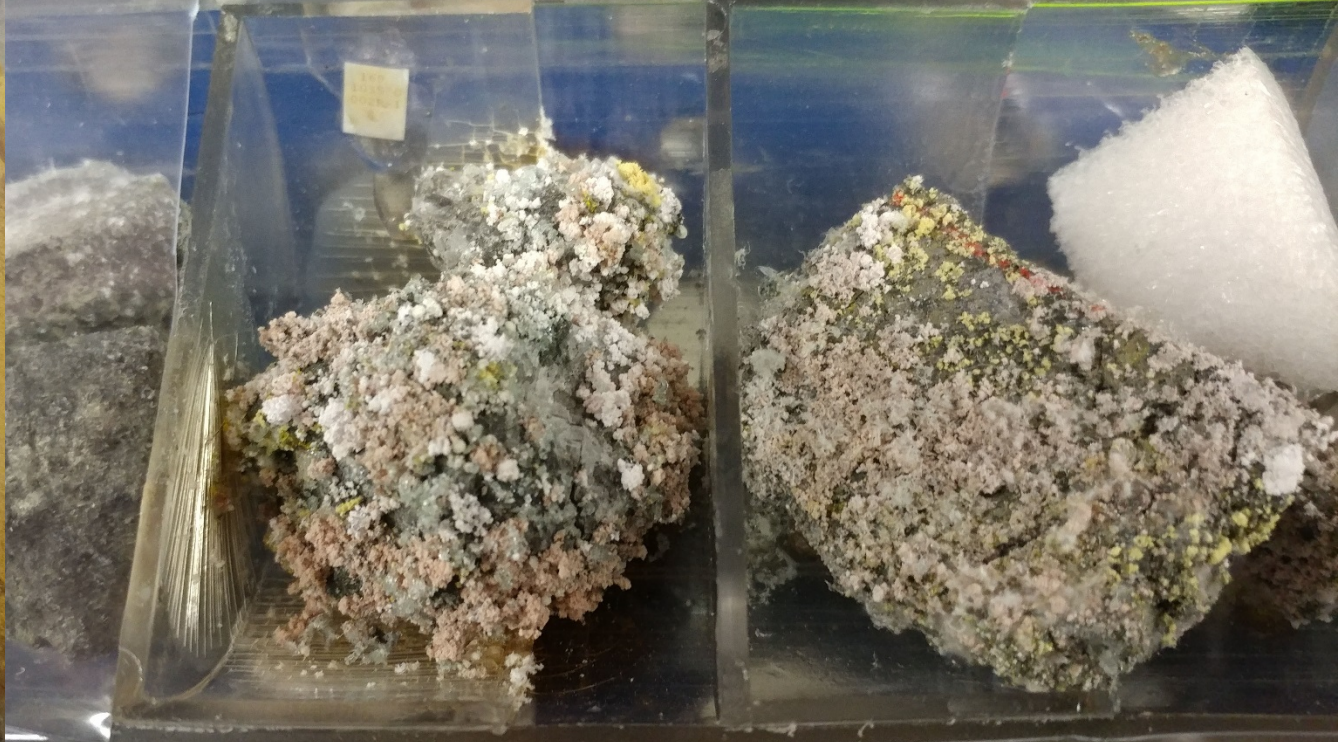
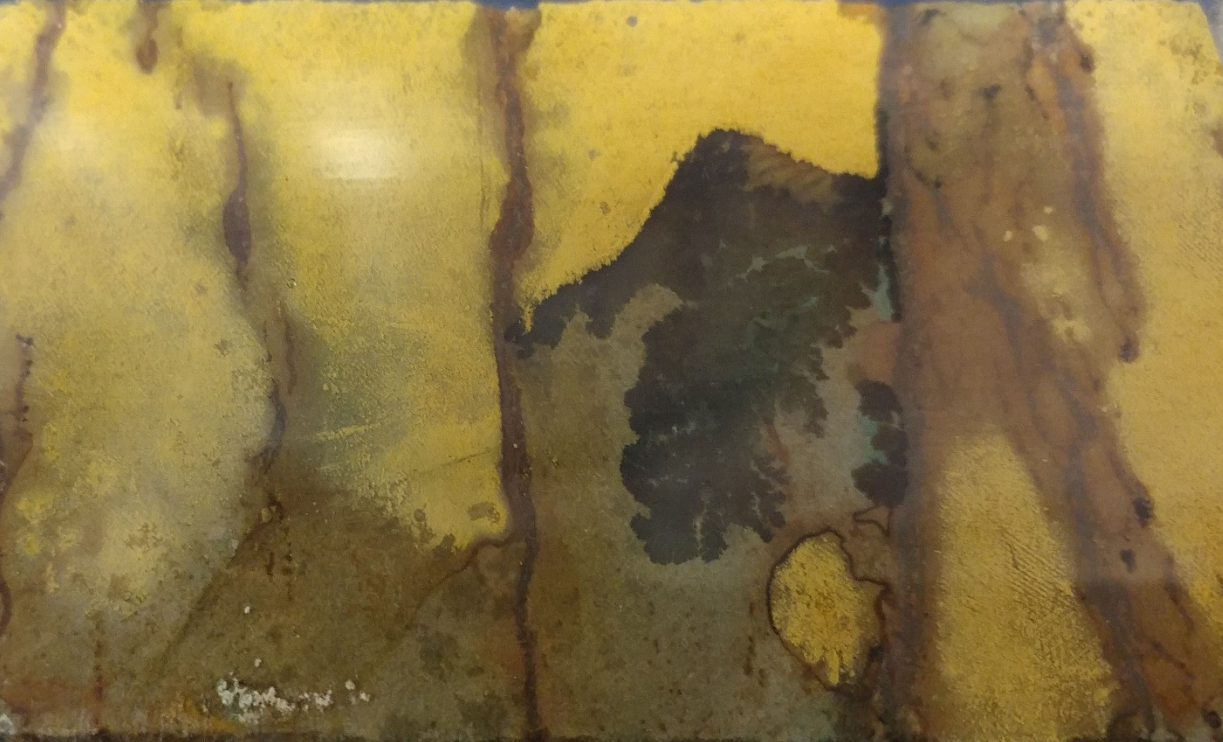


Pinhole Mold





Leg 198 2002



Secondary mineralization from Leg 159

Can we save cash and space and still deliver?

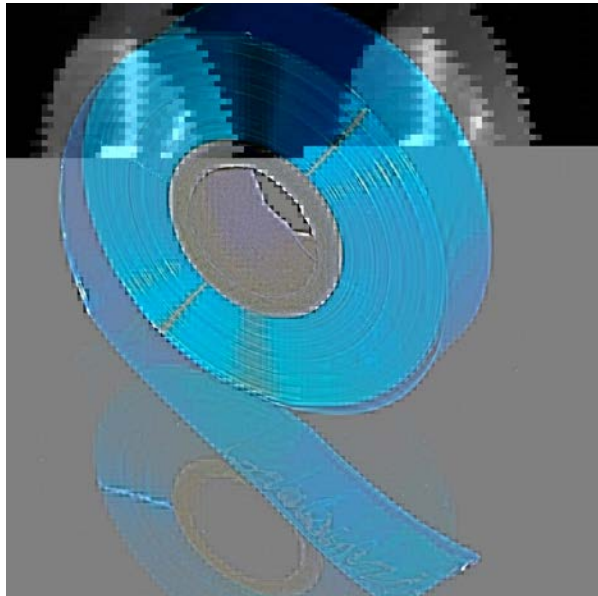
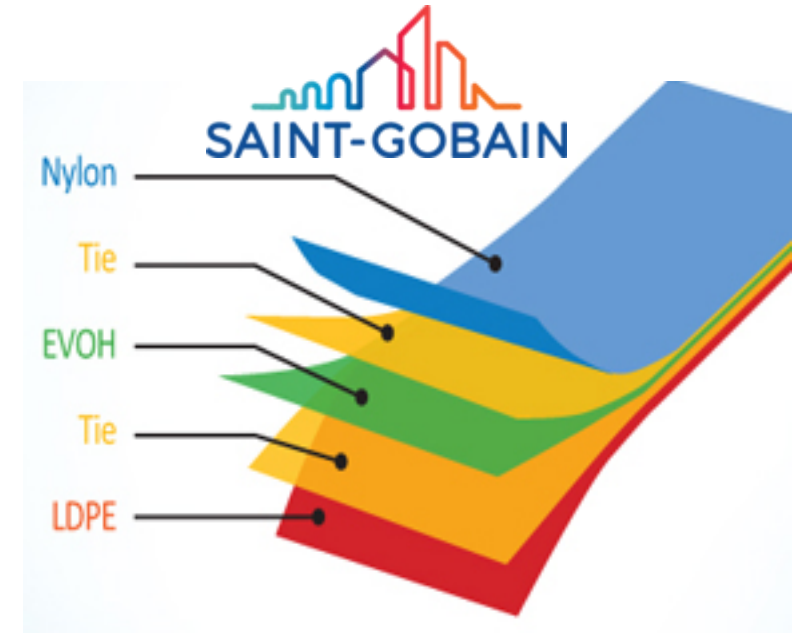
- Do all cores have to be refrigerated?
- Are alternate (cheaper) methods as effective?
- Refrigerators fail, and can superheat storage areas
- Need for constant supervision



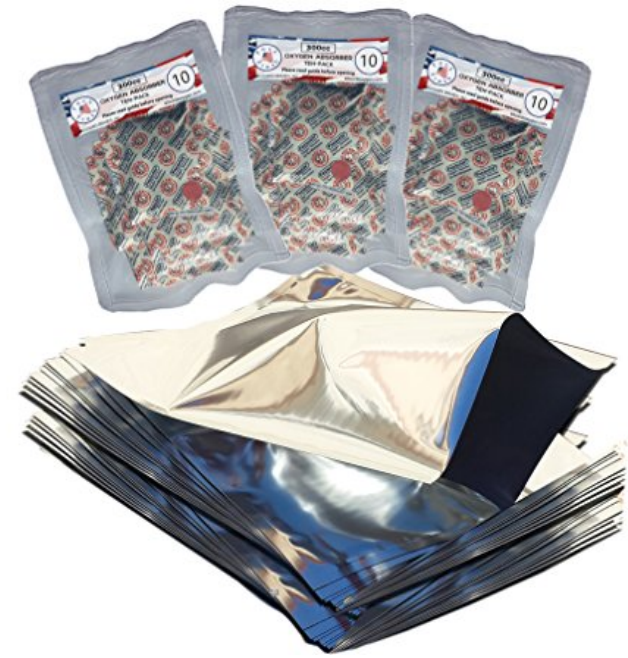
Possible Alternatives

Barrier Films – new films

propametic®



Vacuum Films & N₂ flushing



O₂ Scrubbers

COMMUNITY BUY IN IS ESSENTIAL

