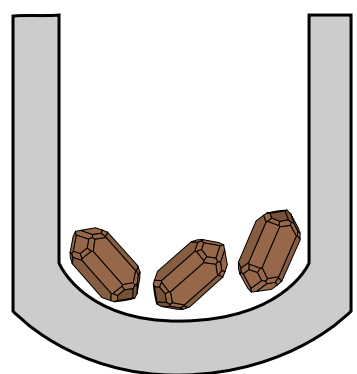
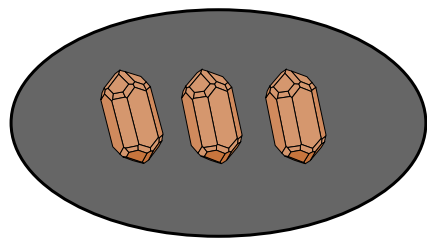


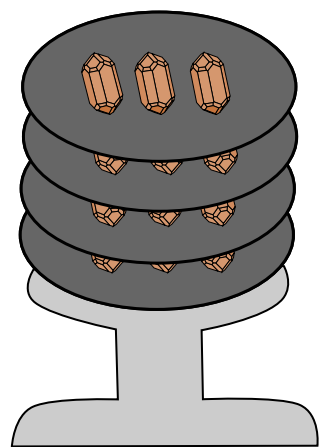
Annealed in air  
900 °C for 48 h



Transferred to tape and  
photomicrographed

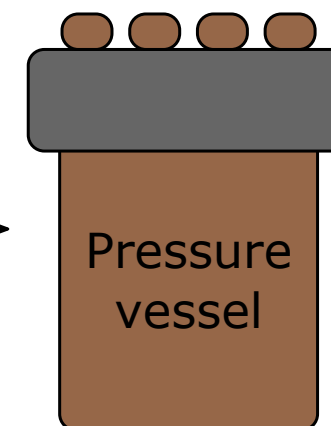
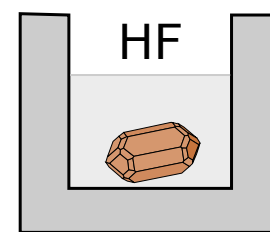


μCT imaging



Pushpin mount

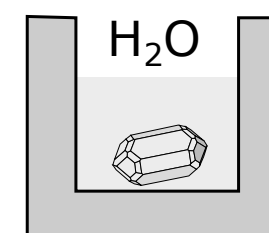
Transferred to  
individual Teflon  
microcapsules



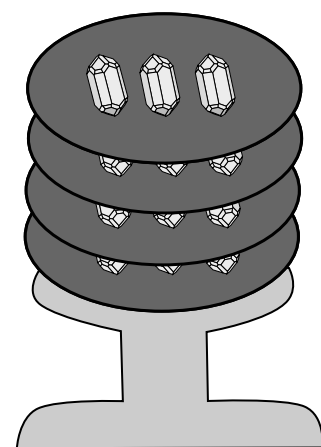
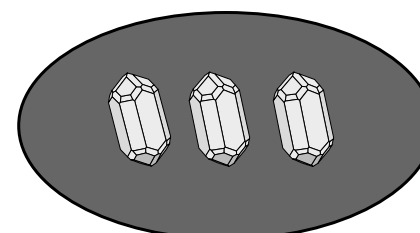
Partial dissolution  
180 or 210 °C  
4 or 12 h



Rinsed and dried

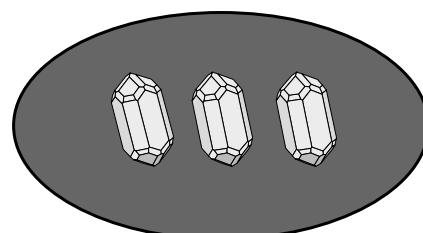


Transferred to tape and  
photomicrographed

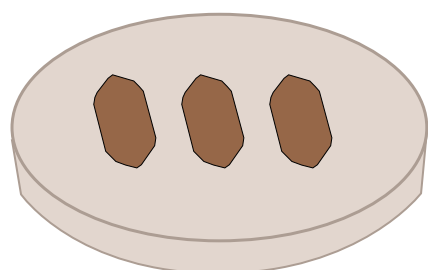


μCT imaging

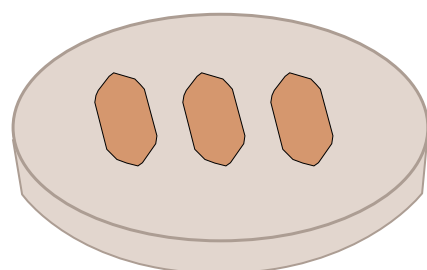
SE imaging &  
Raman analyses



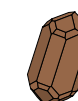
Unannealed



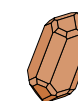
Annealed  
(900 °C for 48 h)



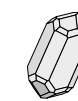
Polished, epoxy grain  
mounts of separate  
crystal aliquots prepared  
for Raman analyses



Unannealed zircon



Annealed zircon



Partially dissolved  
zircon residue