Electron Probe MicroAnalysis

What's the point?

If it don't fit in the machine, you ain't gonna get any numbers.

If it ain't polished right nice and purdy, you ain't going be able to trust the numbers like you want.

If your epoxy ain't cured nice and solid, it's gonna bubble and degas inside the probe and make John real unhappy.

If it ain't conductive, it will charge and your numbers will be in the toilet.

It <u>does</u> make a difference:

Proper sample preparation can be critical to the success of your EPMA work.

A **successful experiment** (creating diffusion couple, achieving multiphase equilibrium, locating critical rock specimen, etc) can be result in **unsuccessful EPMA results** if the proper sample mounting and polishing is not done.

Don't be hesitant about asking questions.