Whether part of a task under a CAMP Task Order Contract (TOC) or as an Analytical Services Agreement (ASA), CAMP delivers quality materials characterization results.

With a focus on image quality and analysis of acquired data, CAMP strives to provide high quality analytical information to advance your understanding of the materials properties and structures of samples provided by your organization.

Our analytical instrument team is here to bring you total materials characterization. With experience working on a variety of projects, our team is sensitive to delivering results promptly and at a reasonable cost.

CAMP offers hands-on instrument training to students, better preparing them for real world application of analytical instruments.

Training is open to our industry partners by arrangement with our instrument team.

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**Materials Characterization Capabilities**

**WE SPECIALIZE IN TESTING**

- Metals — compositional, structural and phase analysis.
- Powders (organic or inorganic) from nanometer to micron scale.
- Polymers — membranes, nanoparticles or bulk samples.
- Thin films.
- Nanowires and nanotubes.
- Cement and concrete.
- Biomaterials.
- Bone.

Plus many additional materials.
KEY INSTRUMENTS
• JEOL JSM 7400F FE-SEM
• JEOL JEM 2010 HD TEM
• BRUKER D8 Focus Powder XRD
• GE Phoenix Nanotom Micro CT Scanner

TYPES OF ANALYSIS PERFORMED
• Nanoscale and microscale material property characterization
• Microstructure and composition analysis
• Thermal, structural and chemical analysis
• Crystal structure and phase identification
• Particle size analysis (dry and wet)
• Multi-phase separation
• Spectroscopy: UV-Vis, IR and FL