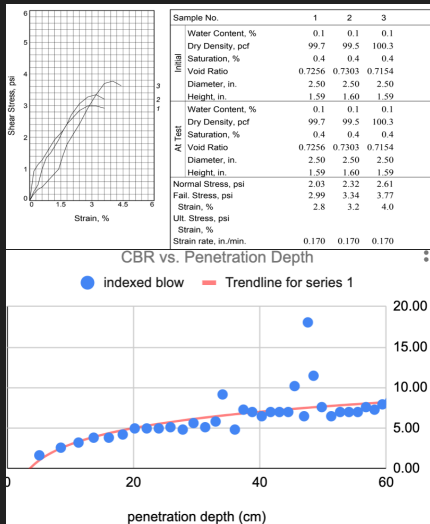


# An Instrumented Percussive Cone Penetrometer for in-situ Characterization of Lunar Regolith Geotechnical Properties

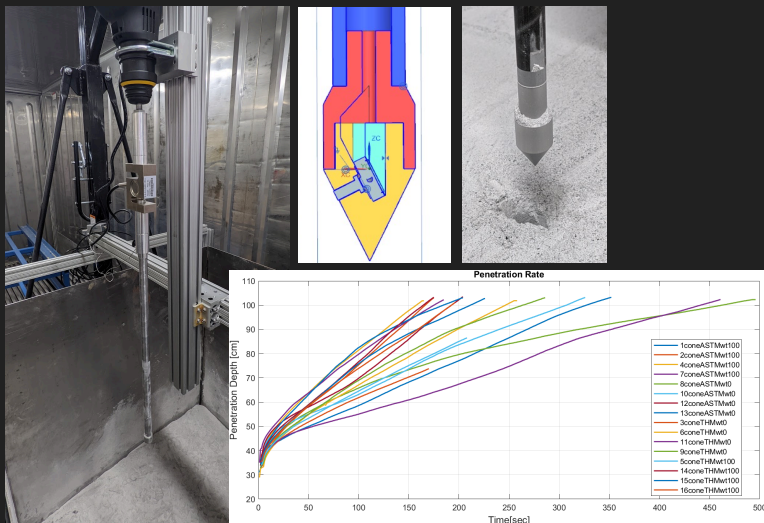


## Past work



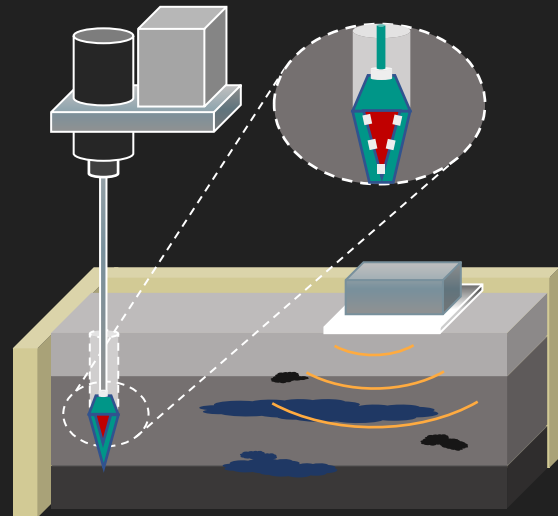
1. Get Geotech properties of our simulant. Build test facilities + compaction system

## Current work



2. Built several iterations of cone penetrometers with integrated force/displacement sensors. Developing algorithms to get in-situ Geotech properties per blow. Test. test. test

## Future work



3. Get integrated geotechnical, geophysical, thermal data of resources at ~cm resolution. Raise to TRL-6 in vacuum.

