

**LIST OF EQUIPMENTS AVAILABLE IN SOIL MECHANICS
LABORATORY AT CIVIL AND ENVIRONMENTAL ENGINEERING
DEPARTMENT, SIUC**



Sieve Shaker



Stack of Sieves



Casagrande Apparatus



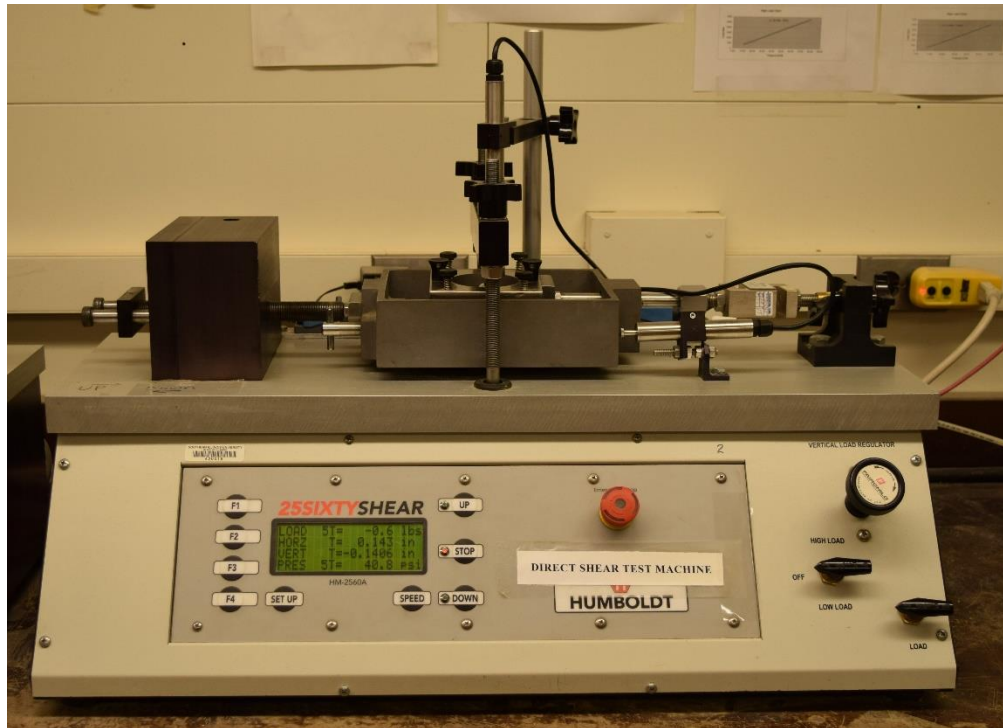
Cone Penetrometer



Linear shrinkage Mold



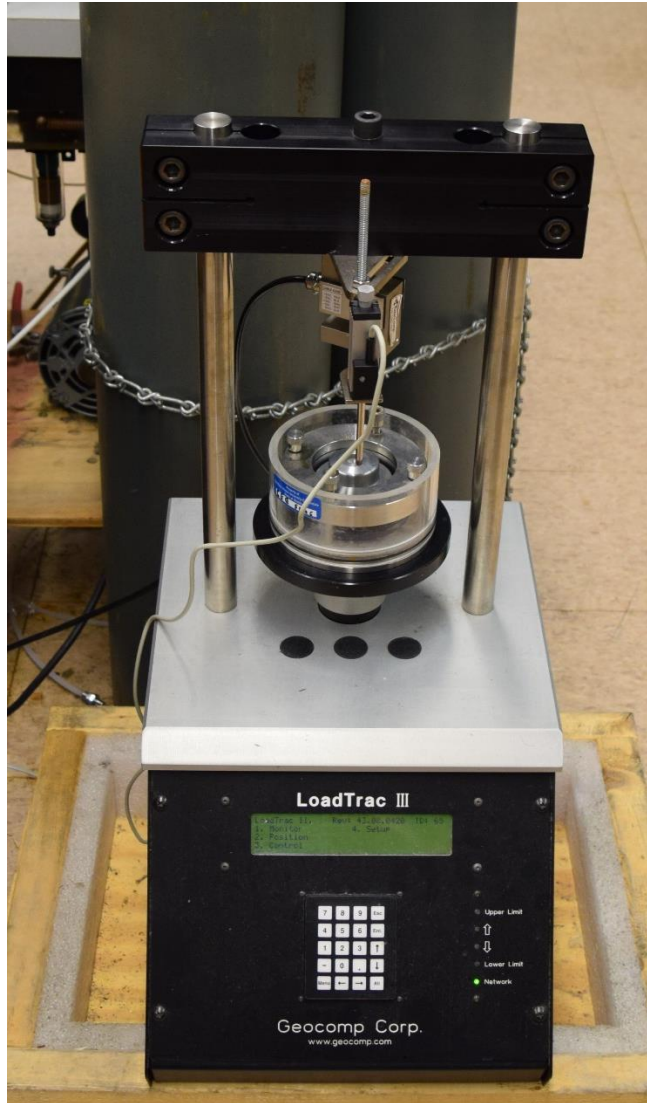
Automatic Compactor (Proctor and CBR)



Direct Shear Apparatus



Consolidometer



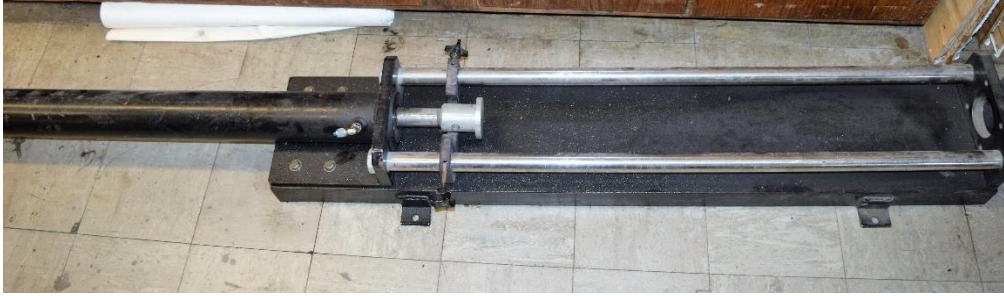
Automatic Consolidometer



Proctor Mold and Hammer



Falling and Constant Head Permeability



Shelby Tube Sample Extruder



UCS and CBR Sample Extruder



Weigh balance



Electronic Balance



Digital Oven with Temp. Control



Ovens and Muffle Furnace



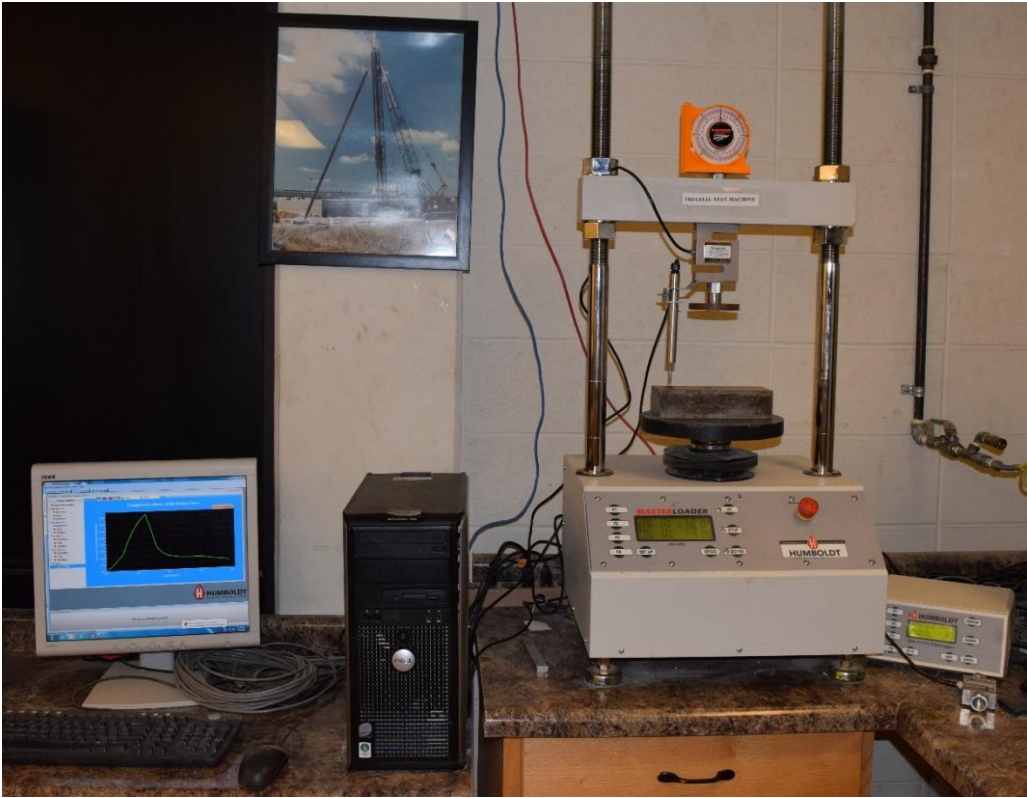
Relative Density Mold



Vibratory Table



UCS and CBR Molds



UCS and CBR Testing Frame



Triaxial Testing Panel



Expansive Index Apparatus



Gas Pycnometer



Electrical Resistivity Meter with Molds and Hammer



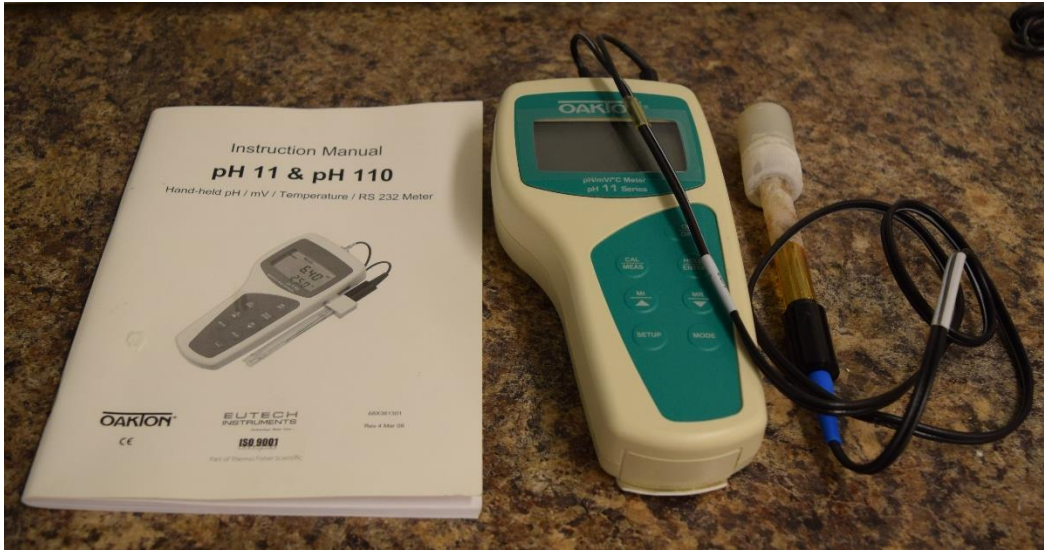
Cyclic Triaxial and Resilient Modulus Testing Apparatus



Field Density By Sand Cone Replacement



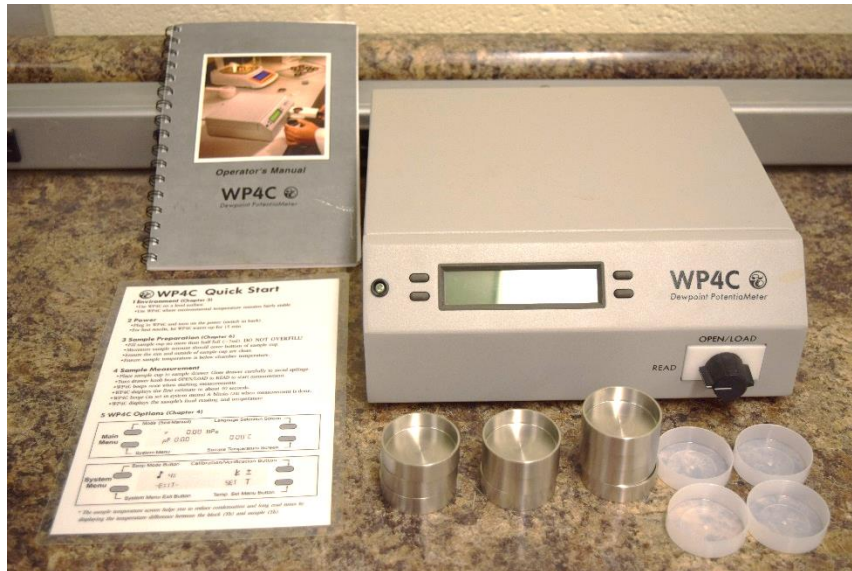
pH, Conductivity, Salinity meter



pH Meter



TDR Probe with data logger



WP4C DewPoint Potentiometer



SWCC Measuring Instrument



Soil Mechanics Laboratory



Soil Mechanics Laboratory

Photo Taken by Dr. P. K. Kolay