



LAB TEST CAPABILITY

Comprehensive Laboratory testing occurs at our NATA Accredited Lab in Melbourne and specialised Lab in Newcastle. We offer the following testing capabilities:

Flocculate (incl. Dilution and Settling)
Pipe Head Flocculation
Segregation Split
Solids Concentration/Moisture Content
Description, Identification, and Classification
Atterberg Limits - Cone Liquid Limit
Linear Shrinkage
Particle Density (Specific Gravity)
Particle Size Distribution - Sieve Analysis
Particle Size Distribution - Sieve Analysis and Hydrometer
Percent Fines (75 µm or 38 µm)
Emerson Class Dispersion
Pinhole Dispersion
pH Value, Electrical Conductivity, Total Dissolved Solids and Fluid Density (Specific Gravity)
Tube Density and Moisture Content
Moisture Content - Lexan Liners
Standard Proctor Compaction
Modified Proctor Compaction
Minimum and Maximum Density - Vibrating Table
One-dimensional Consolidation - Oedometer
One-dimensional Consolidation and Permeability - Rowe Cell
Consolidation and Permeability - Triaxial
Permeability - Constant Head
Permeability - Falling Head
California Bearing Ratio

Shrinkage Limit Density
Evaporative Strength Gain - Rheometer Shear Vane
Direct Shear
Direct Simple Shear
Direct Simple Shear Cyclic
Triaxial Compression/Extension
Triaxial Customised Stress Path (CAU)
Triaxial - Determination of Critical State Parameters
Triaxial Cyclic
Triaxial Bender Elements
Ring Shear - Residual Strength Test
Initial Settled Density (Undrained)
Initial Settled Density (Drained)
Settling Column Test
Segregation Threshold
Soil Moisture Characterisation Curve
Proctor/Fagerberg Test
Modified Proctor/Fagerberg Test
Flow Table Test
Moisture Limit Estimation - For Material Handling or Earthmoving Equipment
Angle of Repose - Shipboard Survey Test
Rheology - VT550 Rheometer
Rheology - Pipe Loop
Pipe Blockage Test
Point Load Strength Index (Is 50)



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TAILINGS. WATER. WASTE.



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