

**PRICE LIST FOR ANALYSES
SOIL CHARACTERIZATION LABORATORY**

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DETERMINATION

COST PER SAMPLE

Particle-size distribution - Pipette method

- a) Full PSD (includes basic texture, fine silt %, fine clay % and 5 sand size % VC-VF).....\$55.00
- b) Basic textural class - Total sand, silt, clay only.....\$45.00
- c) Samples with >3% organic matter (Organic carbon analysis required – additional charge).....\$65.00
- d) Samples with gypsum (Gypsum analysis required – additional charge).....\$65.00

Extractable bases (Ca, Mg, Na, K – Ammonium acetate extraction).....\$50.00

Cation exchange capacity (Sodium acetate/ammonium acetate extraction).....\$55.00

Water soluble salts/SAR – Saturated paste

- a) Soluble cations (Ca, Mg, Na, K) and electrical conductivity.....\$60.00
- b) Electrical conductivity only.....\$20.00

Exchangeable Al (KCl extraction).....\$25.00

Organic carbon

- a) Non-calcareous.....\$20.00
- b) Calcareous (includes CaCO₃ equivalent).....\$40.00

CaCO₃ equivalent (includes % calcite and % dolomite).....\$20.00

Effective CaCO₃ equivalent (includes baseline CaCO₃ equivalent and sieve results).....\$30.00

Soil reaction (pH).....\$ 5.00

Bulk density (includes COLE and 1/3-bar water content).....\$50.00

Free iron oxides (Citrate-dithionite extraction).....\$40.00

Ammonium oxalate extraction for Fe, Al, or Si (one only).....\$40.00

- a) Additional element – same extract.....\$10.00

Gypsum percentage.....\$30.00

Water content

- a) Air-dry.....\$ 5.00
- b) 1/3-bar.....\$25.00
- c) 15-bar (also 1/10, 1, 2, 5, or 10 bar – cost is for each reference point).....\$25.00