



## Pricelist

### PHYSICAL CHARACTERIZATION \*

#### Particle Size Distribution by Laser Diffraction:

Research	Commercial	
\$ 80.00	\$ 160.00	OM and/or X-CO3 pretreatments
\$ 60.00	\$ 120.00	No pretreatments, with >0.5 mm sieving
\$ 45.00	\$ 90.00	No pretreatments, no sieving

#### Surface Area by Gas Adsorption (usually N<sub>2</sub>):

Research	Commercial	
\$ 125.00	\$ 250.00	Adsorption only
\$ 150.00	\$ 300.00	Adsorption & Desorption w/ pore analysis

#### Soil Water Retention Curve:

Research	Commercial	
\$ 85.00	\$ 170.00	Single retention point
\$ 1,250.00	\$ 2,500.00	Entire curve (Tempe Cell + WP4T)

#### Saturated Hydraulic Conductivity:

Research	Commercial	
\$ 200.00	\$ 400.00	Constant or falling head methods

#### Particle Density:

Research	Commercial	
\$ 80.00	\$ 160.00	Pycnometer method

#### Data Interpretation:

Research	Commercial	
\$ 120.00/hr	\$ 120.00/hr	Data interpretation beyond standard reports (billed in 15 min increments)

\* Prices are based on 3 replicate samples per analysis



## *Pricelist*

### MINERALOGICAL CHARACTERIZATION \*\*

#### Mineral Analysis by X-ray Diffraction:

---

<i>Research</i>	<i>Commercial</i>	
\$ 85.00	\$ 170.00	One hour x-ray powder diffraction run (+\$10 for each additional hr)
\$ 20.00	\$ 40.00	Run for oriented clay mount
\$ 100.00	\$ 200.00	Full suite of clay mount treatments (K, K-350, K-550, Mg, and Mg+Gly)

#### TG/DTA Analysis:

---

<i>Research</i>	<i>Commercial</i>	
\$ 45.00	\$ 90.00	Per atmospheric setting: N <sub>2</sub> , Air, etc. (price includes 2 replicates)

#### Data Interpretation:

---

<i>Research</i>	<i>Commercial</i>	
\$ 120.00/hr	\$ 120.00/hr	Data interpretation beyond standard reports (billed in 15 min increments)

\*\* Sample preparation for XRD and TG/DTA is available at a cost of \$25 – 35 per hour for technician time and supplies

Costs for analysis vary dependent on required sample preparation and desired interpretation of results.

To discuss your project please contact:

**Dr. Mercer Meding**

Phone: (520) 621-3236

Email: [smmeding@email.arizona.edu](mailto:smmeding@email.arizona.edu)

Special pricing and discounts are available for large quantities.