

<b>Charges for Instrument Time</b>			
<b>Analysis</b>	<b>MUN Internal</b>	<b>External (Non-Commercial)</b>	<b>External (Commercial)</b>
<b>ICP-MS Laser Ablation Analyses</b> (U-Pb Geochronology or Trace Elements)	\$600	\$1,000	\$1,500
<b>MC-ICP-MS Laser Ablation Analyses</b> (Hf isotopes in zircon or Nd isotopes in accessory minerals)	\$750	\$1,200	\$1,900
<b>Laser Ablation Split-Stream Analyses</b> (e.g. U-Pb + Hf isotopes in zircon)	\$1,025	\$1,700	\$2,600
<b>MC-ICP-MS Solution Analyses</b> (Sr isotopes or whole rock Hf)	\$500	\$800	\$1,250

**Notes:**

1. All rates are per day and are in Canadian Dollars.
2. For laser ablation analyses, the number of analyses completed per day is sample dependent. Typically, 75-100 spots can be analyzed per day.
3. For solution analyses, up to 30 samples can be measured per day for Sr isotopes. Whole rock Hf requires two days of measurements for 10 samples.
4. For the MUN Internal rate, the student/researcher is required to be present in the lab to perform the data collection and to assist with the data analyses. Lab staff will provide training.
5. Lab staff will discuss with the client to determine the number of days that may be required to complete a project. The minimum booking is for one full workday (e.g., 9 am - 5 pm). At the discretion of lab staff, clients may continue to use the instruments unsupervised after 5 pm for no additional fee.
6. The rates include instrument time and staff support in data analysis. They do not include sample preparation, column chemistry or imaging.

### FOR FURTHER INQUIRIES, PLEASE CONTACT:

**Dr. Rebecca Lam**  
rlam@mun.ca  
(709) 864-3314

**Dr. Markus Wälle**  
mwalle@mun.ca  
(709) 864-2219

CREAIT Network  
Bruneau Centre, IIC1001  
230 Elizabeth Ave.  
St. John's, NL Canada A1C 5S7