

John de Laeter Centre Services and Price List (2018)

Facility/Service	WA Partner*: Researcher Cost	WA Partner*: Full Cost	Collaborative Full Cost
Sensitive High Resolution Ion MicroProbe (SHRIMP)			
SHRIMP Usage (10 hour day; 2 U-Pb ages per day)	\$600	\$1,800	\$2,050
SHRIMP Night Runner (per shift)	\$650	\$650	\$780
Weekend/Public Holiday (experienced users only; per day)	\$333	\$1,000	\$1,200
Setup costs (per day)	\$43	\$130	\$155
Gold coating (per sample)	\$7	\$20	\$25
Mount preparation (per sample by prior arrangement)	N/A	N/A	\$200
Laser Ablation Mass Spectrometry			
LA-SC-ICPMS (QMS - per day)	\$492	\$1,475	\$3,142
LA-MC-ICPMS (multicollector - per day)	\$630	\$1,890	\$4,026
LA-SS-ICPMS (split stream- per day)	\$853	\$2,560	\$5,453
Technical Support (set-up of instruments; per hour)	\$52	\$155	\$190
Data Processing+reporting (per hour)	\$120	\$120	\$255
Sample selection (grain selection for preparation for mounts;per hour)	\$100	\$100	\$213
Uranium-Helium Geo/Thermochronology			
Apatite conventional U-He (per sample)	\$183	\$550	\$750
Zircon conventional U-He (per sample)	\$367	\$1,100	\$1,250
Additional technical labor charges (per hour)	\$43	\$130	\$170
Sample Preparation			
Crushing & Selfrag: Up to 1 kg (per sample)	\$42	\$125	\$185
\$ per every extra kg	\$10	\$30	\$40
Panning, sieving, elutriation (per sample)	\$7	\$20	\$50
Magnetic separation (per sample)	\$13	\$40	\$60

Heavy liquids (per sample)	\$17	\$50	\$75
Hand picking (per hour)	\$50	\$50	\$58
SHRIMP mount preparation (per mount)	\$43	\$130	\$170
Ar-Ar Geochronology			
40Ar/39Ar Analysis (per sample)	\$320	\$950	\$990
40Ar/39Ar Analysis - Founders rate (per sample)	N/A	\$475	\$495
Sample preparation fee (per hour)	\$30	\$90	\$115
Radiogenic Isotope Analysis			
Re-Os model age of molybdenite (per sample)	\$500	\$1,500	\$2,000
Re-Os geochronology via isochron (per analysis): 5-7 analyses required	\$200	\$600	\$700
Sm-Nd isotope analysis (per sample)	\$130	\$390	\$450
Pb isotope analysis - whole rock (per sample)	\$100	\$300	\$350
Pb isotope analysis - galena	\$70	\$210	\$245
Data interpretation and reporting (per hour)	\$50	\$150	\$195
Experimental HP/HT Geochemistry			
HP-HT Experimental Facility Usage (per day)	\$217	\$650	\$850
Consumables (e.g. Pt capsules, acids, etc.)	At cost	At cost	At cost
Other Labour (per hour)	\$33	\$100	\$130
Atom Probe Analysis			
CAMECA LEAP Atom Probe (per day)	\$900	\$2,700	\$3,200
Additional labour (per hour)	\$60	\$180	\$195
Microscopy and Microanalysis			
Registration Fee - Assisted User	\$70	\$70	\$84
Registration Fee plus Basic Training	\$270	\$270	\$324
Subscriptions			

Only major instruments below are covered by subscriptions. Labour, sample preparation equipment, and consumables are not included.			
Individual UG student (per 12 month period)	\$220	\$660	\$660
HDR student - MSc or PhD (per 12 month period)	\$1,000	\$3,000	\$3,000
Individual researcher (per 12 month period)	\$2,750	\$8,250	\$8,250
Research group (100 hours usage cap, valid for 12 months)	\$3,300	\$10,000	\$10,000
Electron Microscopy			
Light Microscopes (per hour)	\$5	\$15	\$18
SEM - Zeiss Evo (per hour)	\$30	\$90	\$108
FESEM - Zeiss Neon & Tescan Mira (per hour)	\$37	\$110	\$132
TEM - FEI Talos (per hour)	\$37	\$110	\$132
Lyra FIBSEM ToF-SIMS (per hour)	\$50	\$150	\$175
Technical labour - operation/training (per hour)	\$55	\$165	\$198
Data Interpretation / reporting (per hour) - not subsidised	\$210	\$210	\$252
EBSD Polishing	\$15	\$45	\$54
Evaporative carbon coating (per coat)	\$8	\$24	\$29
Platinum sputter coating (per coat)	\$10	\$30	\$36
Consumables (e.g. stubs, boxes, grids)	At cost	At cost	At cost
Automated Mineralogy			
TIMA - Automated Mineral Liberation Analysis (per hour)	\$30	\$90	\$108
Technical labour - operation/training (per hour)	\$55	\$165	\$198
Data Interpretation / reporting (per hour) -not subsidised	\$210	\$210	\$252
Mount preparation (per mount, by user)	\$28	\$84	\$101
Mount preparation (per mount, by staff)	\$30	\$90	\$108
X-ray Photoelectron Spectroscopy			
Kratos AXIS Ultra DLD XPS system (per hour)	\$47	\$140	\$160
Additional labour	\$55	\$165	\$198

X-ray Diffraction and Scattering			
XRD (per sample for maximum of 90 Minutes)	\$15	\$45	\$50
SAXS (per hour)	\$37	\$110	\$132
In-situ XRD (per day)	\$100	\$300	\$450
Technical labour - operation/training (per hour)-not subsidised	\$55	\$165	\$198
Data Interpretation / reporting (per hour)	\$210	\$210	\$252
XRD sample preparation (per sample, by user)	\$4	\$12	\$14
XRD sample preparation (per sample, by staff)	\$30	\$90	\$108
<p>*WA Partner institutions: Curtin University, University of Western Australia, Edith Cowan University, Murdoch University, University of Notre Dame Australia and the Commonwealth Scientific and Industrial Research Organisation. <i>Prices effective 1 Feb 2018.</i></p>			