

## Acadia Petrographic Lab **INFORMATION** for thin section orders

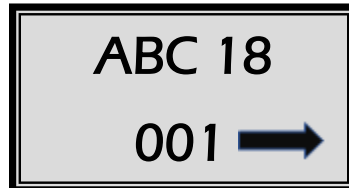
Please submit a chip/billet/puck/tab cut to maximum size of 22.5 mm x 40.5 mm. The large surfaces will be parallel with a thickness under 10 mm. Under size is fine. If it is over, we will cut it to size. Note that these are guidelines and we are aware these criteria are not always easy to meet. Your closest effort will be appreciated.

If you would like the lab to cut your rock samples note that the sawing price is \$70.00/hour. We have saws ranging from 6" to 24".

Mark sample as in size and layout shown below. If there is a specific feature on one side of the chip you want to see, label the other side. The unmarked side is the surface that is processed.

Be neat and precise with your numbers. No B's like 8's, no 1's like 7's, no C's like O's etc.

If oriented, mark this now using a black fine line Sharpie. We are accustomed to seeing directional arrows or T for top. Some will also make a shallow saw cut in an end or cut off a corner. If you have another method, please describe for us.



If your chip/billet/puck/tab breaks during cutting, we can epoxy these pieces together. If it is crumbling, please send the sample for impregnation before cutting.

Impregnation prices range from \$3.00 to \$10.00. Most repairs of a broken chip can be done on aluminum foil. Crumbling, porous, plucking or small samples can be coated in epoxy and/or embedded in epoxy blocks (thin section size), using a vacuum impregnation system. To request impregnation, use 'Order Form' and 'Samples Form'. Add to additional info on 'Samples Form'.

Blue dye in epoxy is also an option. Use 'Order Form' and 'Samples Form'.

Cover slips are included in price for regular thin sections. Please check box on 'Samples' form if required.

All remaining chip/billet/puck/tab cut-offs will be returned. If you require other material returned, please indicate on 'Samples' form.

Difficult materials will be priced individually. Samples may be sent for a quote.

To place an order, use the 'Samples' form and place an 'X' in all boxes needed. Include any comments you feel are pertinent to the individual thin section or the job. This will ensure your sections are returned in the timeliest manner. Fill out the 'Order Form'. Place both forms in with samples when shipping or email the forms directly to [pam.frail@acadiau.ca](mailto:pam.frail@acadiau.ca) See 'Order Form' for shipping address.

July to February is usually the busiest time of year. Contact us for a time estimate.

Please email or call with any questions - Lucas Evans, technician, 902 585 1513, [lucas.evans@acadiau.ca](mailto:lucas.evans@acadiau.ca)