

### Applied Petrographic Services, Inc.

Berkshire Center, Suite 103B 4727 Route 30

Greensburg, PA 15601 USA Phone: 724-834-3559

Fax: 724-834-3556

Toll Free: 1-800-899-0522

| THIN SECTION                                 |         |
|--|---------|
| Standard Thin Section (27 × 46 mm)           | \$25.00 |
| Large Size Thin Section (50 × 75 mm)         | \$35.00 |
| Circular Thin Section (1 in. diameter slide) | \$50.00 |
| Thin Section - Sand (27 × 46 mm)             | \$30.00 |
| Thin Section - Sand (50 × 75 mm)             | \$40.00 |
| Thin Section - Soil (27 × 46 mm)             | \$50.00 |
| Thin Section - Soil (50 × 75 mm)             | \$65.00 |

| TURNAROUND              |             |
|-------------------------|-------------|
| Standard                | Please Call |
| Priority (50 % Premium) | 2 weeks     |
| Rush (100 % Premium)    | 1 week      |

Turnaround times are approximate, subject to change without notice, and are based on current work loads. Priority and Rush Jobs are restricted to 25 samples or less.

| POLISHED SECTION   |          |  |  |  |  |  |  |
|--|----------|--|--|--|--|--|--|
| Thin Section — Standard Size (27 × 46 mm) — One-side             | \$50.00  |  |  |  |  |  |  |
| Thin Section — Standard Size (27 × 46 mm) — Doubly-Polished      | \$75.00  |  |  |  |  |  |  |
| Thin Section — Large Size (50 × 75 mm) — One-side                | \$70.00  |  |  |  |  |  |  |
| Thin Section — Large Size (50 × 75 mm) — Doubly-Polished         | \$85.00  |  |  |  |  |  |  |
| Thin Section – Standard Size (27 × 46 mm) - Sand                 | \$60.00  |  |  |  |  |  |  |
| Thin Section $-$ Large Size (50 $	imes$ 75 mm) - Sand            | \$80.00  |  |  |  |  |  |  |
| Thin Section — Standard Size (27 × 46 mm) - Soil                 | \$100.00 |  |  |  |  |  |  |
| Thin Section – Large Size (50 × 75 mm) - Soil                    | \$130.00 |  |  |  |  |  |  |
| Thin Section — Circular (1 in. diameter slide) — One-side        | \$100.00 |  |  |  |  |  |  |
| Thin Section – Circular (1 in. diameter slide) – Doubly-Polished | \$125.00 |  |  |  |  |  |  |
| Solid Section — Circular (1 to 1½ in. diameter)                  | \$50.00  |  |  |  |  |  |  |
| Solid Section — Rectangular (27 × 46 mm)                         | \$40.00  |  |  |  |  |  |  |
| Solid Section — Rectangular (50 × 75 mm)                         | \$50.00  |  |  |  |  |  |  |

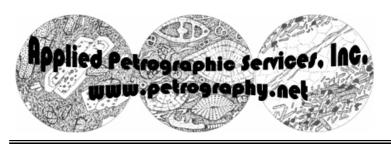
Prices do not include the cost for optional services, as listed below

### Why Consider AP\$?

- Excellent Quality
- •State-of-the-art Equipments & Facilities
- Industry Experience
- Customer Satisfaction



| OPTIONAL SERVICES   |         |
|---|---------|
| Vacuum Impregnation – Clear Epoxy                               | \$3.50  |
| Vacuum Impregnation – Blue Dye Mixed Epoxy                      | \$4.00  |
| Vacuum Impregnation – Yellow Fluorescent Epoxy                  | \$5.50  |
| Sectioning – Trimming of Cut Sample to Fit in Slide             | \$3.00  |
| Sectioning – Of Rough Sample to Reduce Sample Size              | \$5.00  |
| Cover Slip – Removable or Permanent                             | \$2.00  |
| Grinding/Sectioning in oil/glycol for water-sensitive materials | \$10.00 |
| Ultrathin Sectioning (to ~ 15µm)                                | \$15.00 |
| Orientation   | \$1.00  |
| Identification  | \$0.55  |
| Staining — Calcite  | \$3.00  |
| Staining – Iron Rich Carbonate                                  | \$3.00  |



SAMPLES

**DUE DATE** 

APS#

**RECEIVED** 

### **Applied Petrographic Services, Inc.**

Berkshire Center, Suite 103B 4727 Route 30 Greensburg, PA 15601 USA

Phone: 724-834-3559 Fax: 724-834-3556 Toll Free: 1-800-899-0522

| \$HIPPING INFO   |   | TURNAROUN  | <b>ID</b> |  |                                |        |  |  |  |  |  |
|--|---|--|-----------|--|--------------------------------|--------|--|--|--|--|--|
| Name:  |   | Standa<br>(Please Call)  | rd        | ☐ Priority   |                                | Rush   |  |  |  |  |  |
| Organization:  |   | (Please Call)  |           | (25 samples or less)                                   | 1 week<br>(25 samples or less) |        |  |  |  |  |  |
| Address:   |   | \$HIPPING O  | PTIC      | ons .  |                                |        |  |  |  |  |  |
| City/State/Zip:  |   | ☐ Add to   |           | Use my Account   |                                |        |  |  |  |  |  |
| Phone:   |   | Invoice  | Acco      | ount #   |                                |        |  |  |  |  |  |
| Fax/email:   |   | UP\$ □ GRO   |           | D 2 DAY NEX  |                                | O      |  |  |  |  |  |
| BILLING INFO   |   | ☐ Shipping insur   | ance      | *  |                                | K      |  |  |  |  |  |
| Will the funds for this project come from outside the United States?  ☐ No ☐ Yes (If yes, payment is requested before work begins)   |   | All samples will be returned via UPS GROUND and billed as a flat rate on the invoice unless otherwise stated. Tracking information will be provided upon shipping if requested. APS is not responsible for loss or damage of contents. *Packages will be insured for |           |  |                                |        |  |  |  |  |  |
| Name:  |   | amount of invoice unless otherwise noted.  |           |  |                                |        |  |  |  |  |  |
| Organization:  | - | PAYMENT OPTIONS  |           |  |                                |        |  |  |  |  |  |
| Address:   |   | ☐ Send Invoice Purchase Order#   |           |  |                                |        |  |  |  |  |  |
| City/State/Zip:  |   | ☐ Pay by Cred  |           |  |                                | M      |  |  |  |  |  |
| Phone:   |   | '  | -         | 2018 we have a new credit<br>will be accepted by phone |                                |        |  |  |  |  |  |
| Fax/email:   |   | Contact Person   | ı _       |  |                                |        |  |  |  |  |  |
| NOTES  |   | Phone No.  | _         | FO *** O O ** O O O O O O O O O                        |                                |        |  |  |  |  |  |
| Balances are due on receipt for domestic clients (prepaid for international clients). Unpaid balances over 30 days are subject to a 1.5% per month service charge. Payment can be sent by check payable to APPLIED PETROGRAPHIC SERVICES, INC. in USD or by credit card. Turnaround is in business days, does not include shipping time, and is subject to change without notice. If payment is with a credit card, Billing Info will be the address the statement is sent to. |   | # OF SAMPLES   |           | # OF PAGE\$  | DATE \$1                       | IIPPED |  |  |  |  |  |

FOR OFFICE USE ONLY

IN. DATE

**SHIPPING** 

BOX

WEIGHT

**SHIPPED** 

INVOICE #

| APPL                           |  |  |  |  |  |  |  |  |  |  |  |  |                                      |                         |
|--------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--------------------------------------|-------------------------|
| APPLIED PETROGRAPHIC SERVICES, |  |  |  |  |  |  |  |  |  |  |  |  |                                      |                         |
| IIC SE                         |  |  |  |  |  |  |  |  |  |  |  |  | Standard Size<br>(27 × 46 mm)        |                         |
| RVICE                          |  |  |  |  |  |  |  |  |  |  |  |  | Large Size<br>(50 × 75 mm)           | Ī                       |
| S, INC.                        |  |  |  |  |  |  |  |  |  |  |  |  | Circular Section<br>(1 in. diameter) |                         |
| . Berk                         |  |  |  |  |  |  |  |  |  |  |  |  | Standard Size - Sand<br>(27 × 46 mm) |                         |
| Berkshire                      |  |  |  |  |  |  |  |  |  |  |  |  | Large Size – Sand<br>(50 ×75 mm)     | Ī                       |
| Center,                        |  |  |  |  |  |  |  |  |  |  |  |  | Standard Size - Soil<br>(27 × 46 mm) | Ī                       |
| r, Suit                        |  |  |  |  |  |  |  |  |  |  |  |  | Large Size – Soil<br>(50 ×75 mm)     |                         |
| Suite 103B,                    |  |  |  |  |  |  |  |  |  |  |  |  | 27 × 46 mm<br>– One -side            |                         |
|                                |  |  |  |  |  |  |  |  |  |  |  |  | 27 × 46 mm<br>– Double side          |                         |
| Greensburg,                    |  |  |  |  |  |  |  |  |  |  |  |  | 50 × 75 mm<br>– One-side             |                         |
| PA                             |  |  |  |  |  |  |  |  |  |  |  |  | 50 × 75 mm<br>– Double side          | Pol                     |
| 15601 Tel:                     |  |  |  |  |  |  |  |  |  |  |  |  | Standard Size - Sand<br>(27 × 46 mm) | ished Th                |
| $\sim$                         |  |  |  |  |  |  |  |  |  |  |  |  | Large Size – Sand<br>(50 ×75 mm)     | Polished Thin Sections  |
| 24-834                         |  |  |  |  |  |  |  |  |  |  |  |  | Standard Size - Soil<br>(27 × 46 mm) | ons                     |
| 24-834-3559 Fax; 724-834-3556  |  |  |  |  |  |  |  |  |  |  |  |  | Large Size – Soil<br>(50 ×75 mm)     |                         |
| Fax:                           |  |  |  |  |  |  |  |  |  |  |  |  | Circular (1 in. disc)<br>– One-side  |                         |
| 724-8                          |  |  |  |  |  |  |  |  |  |  |  |  | Circular (1 in. disc)<br>– Double    |                         |
| 34-35                          |  |  |  |  |  |  |  |  |  |  |  |  | Circular<br>(1 - 1½ in. disc)        | Poli                    |
|                                |  |  |  |  |  |  |  |  |  |  |  |  | 27 × 46 mm                           | Polished Solid Sections |
| Toll Free: 800-899-0522        |  |  |  |  |  |  |  |  |  |  |  |  | 50 × 75 mm                           | lid Secti               |
| 800-                           |  |  |  |  |  |  |  |  |  |  |  |  | Grain Mounts<br>27 × 47mm            | ons                     |
| 399-0                          |  |  |  |  |  |  |  |  |  |  |  |  | Clear Epoxy                          | lmp                     |
| 522                            |  |  |  |  |  |  |  |  |  |  |  |  | Blue Epoxy                           | Impregnation            |
|                                |  |  |  |  |  |  |  |  |  |  |  |  | Fluorescent Epoxy                    | 9                       |
|                                |  |  |  |  |  |  |  |  |  |  |  |  | Trimming                             | Cutting                 |
|                                |  |  |  |  |  |  |  |  |  |  |  |  | Slab Saw                             | ing                     |
|                                |  |  |  |  |  |  |  |  |  |  |  |  | Permanent<br>Cover Slip              |                         |
|                                |  |  |  |  |  |  |  |  |  |  |  |  | Removable<br>Cover Slip              |                         |
|                                |  |  |  |  |  |  |  |  |  |  |  |  | Grinding/Sectioning<br>in oil/glycol | Others                  |
|                                |  |  |  |  |  |  |  |  |  |  |  |  | Ultra thin TS<br>(to ~ 15µm)         | ers                     |
|                                |  |  |  |  |  |  |  |  |  |  |  |  | Orientation                          |                         |
|                                |  |  |  |  |  |  |  |  |  |  |  |  | Identification                       |                         |
|                                |  |  |  |  |  |  |  |  |  |  |  |  | Calcite                              | Staining                |
|                                |  |  |  |  |  |  |  |  |  |  |  |  | Iron Rich Carbonate                  | ing                     |

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Please feel free to make copies for additional samples and future orders.

# Applied Petrographic Services. Inc. Additional Petrographic Services

## Photomicrography, Optical Microscopy, XRD, XRF, & SEM-EDS

### Photomicrographs of Your Thin or Polished Sections:

\$125/per set per sample

For an additional \$125, you can request photomicrographs of your thin or polished sections in a CD, taken by using high-resolution, latest-model, state-of-the-art digital cameras attached to research-grade petrographic microscopes. Set includes a full scan of your thin section in both plain and crossed polarized-light modes, as well as at least three sets of plane and cross polarized-light micrographs will be provided per sample, with scale bars, depicting the detailed mineralogy, grain and pore size distribution, and texture of the rock.

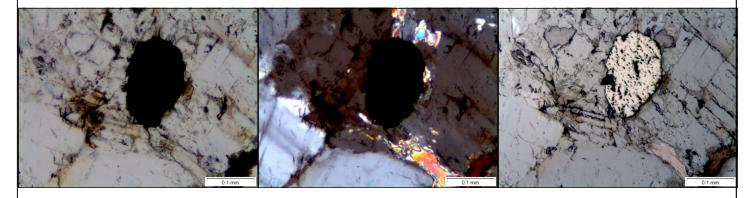
### **Petrographic Examinations**

\$1000 per sample

Optical Microscopical examinations of thin sections in plane and cross polarized lights, and polished sections in reflected-light, XRD, XRF, SEM, etc. to determine detailed mineralogy, estimated modal (volume) proportions of different minerals, texture and microstructure, alteration, classification, and type of rock. Each report will include at least one set of photomicrographs per sample taken in plane and cross polarized-light modes with a high-resolution digital camera attached to a research-grade petrographic microscope. Price includes optical microscopy, XRD, XRF, SEM, and sample preparation.

### Report of Petrographic Examinations

\$250 per report



Applied Petrographic Services, Inc. Berkshire Center, Suite 103B, 4727 Rt. 30, Greensburg, PA 15601 724-834-3559 (Tel) 800-899-0522 (Toll Free) 724-834-3556 (Fax) www.petrography.net

| Additional Petrographic Services |   |                  |                           |  |  |  |  |  |  |
|----------------------------------|---|------------------|---------------------------|--|--|--|--|--|--|
| Appl<br>#                        | led Petrographio Services, IAG, www.petrography.net | Photomicrographs | Petrographic Examinations | Comments  (Please add any additional information you may think is necessary before we begin your project.) |  |  |  |  |  |
|                                  | - 1   |                  |                           | Bololo We Begin your projectly   |  |  |  |  |  |
|                                  |   |                  |                           |  |  |  |  |  |  |
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