

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



Applied Petrographic Services, Inc. (APS) is a full-service petrographic sample preparation laboratory equipped with state-of-the-art machines, microscopes, and facilities. Our primary goal is complete customer satisfaction through **quality services**, the **fastest turnaround**, and the **most competitive prices** in the industry. Besides our regular thin sections, polished sections, grain mounts, stained sections, and a variety of optional services on small (27 × 46 mm), large (50 × 75 mm) and circular (~25 mm) size samples, we can handle any difficult job that requires special care and handling in sample preparation.

Our daily operation is smooth and automated with numerous state-of-the-art sectioning, impregnation, grinding, polishing, and single plus multi-sample thin-sectioning equipments from Buehler, Logitech, Leco, Struers, Microtec, Lapmaster, Allied High Tech, MK Diamond, Hillquest, Ingram-Ward, and others. Added to this extensive line of fine equipments is our decades of experience in handling all types of samples from natural and synthetic rocks, minerals, meteorites, fossils, soil, coal, to cement, aggregate, concrete, masonry, bituminous materials, to metals, plastics, and various other materials of geological, building and construction, metallurgical, and material science fields. Our clients come from broad sectors of academic, commercial, and industrial fields.

Skeptical?

Because of our competitive price, trying us once to experience our quality services in the fastest turnaround time in the middle of your rush project may be worth your every penny.

Want to know more?

Please visit us in the net at **www.petrography.net** where you will find a wealth of information about our facilities, services, products, technical notes, and downloadable price lists and order forms. Feel free to give us a call at **1-800-899-0522** with your needs. It will be a pleasure to provide our services to you.

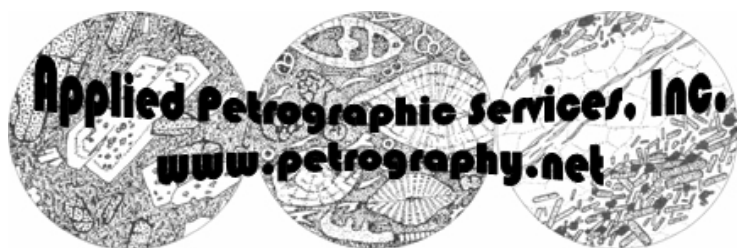
From
Moon
To
Meteorite
To
Planet
Earth

From
Ancient
To
Modern
Marvels
in
Construction

From
Minerals
To
Metals
To
Treasures
In
Mines

APS
Seeks
To
prepare
samples
from
all!

Our
journey
continues
with
you....



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) | \$12.00 |
| Large Size Thin Section (50 × 75 mm) | \$20.00 |
| Circular Thin Section (1 in. diameter) | \$12.00 |
| Grain Mounts (27 × 46 mm) | \$12.00 |
| Grain Mounts (50 × 75 mm) | \$25.00 |
| Multi-depth (~ 4 depths in 50 × 75 mm) | \$40.00 |

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

TURNAROUND

| | |
|-------------------------|-------------|
| Standard | ~10-15 days |
| Priority (50 % Premium) | 5-10 days |
| Rush (100 % Premium) | 1-5 days |

POLISHED SECTION

| | |
|---|---------|
| Thin Section – Standard Size (27 × 46 mm) – One-side | \$25.00 |
| Thin Section – Standard Size (27 × 46 mm) – Doubly-Polished | \$35.00 |
| Thin Section – Large Size (50 × 75 mm) – One-side | \$35.00 |
| Thin Section – Large Size (50 × 75 mm) – Doubly-Polished | \$50.00 |
| Thin Section – Grain Mount (27 × 46 mm) | \$30.00 |
| Thin Section – Grain Mount (50 × 75 mm) | \$40.00 |
| Thin Section – Circular (1 in. diameter) – One-side | \$25.00 |
| Thin Section – Circular (1 in. diameter) – Doubly-Polished | \$50.00 |
| Solid Section – Circular (1 to 1½ in. diameter) | \$15.00 |
| Solid Section – Rectangular (27 × 46 mm) | \$15.00 |
| Solid Section – Rectangular (50 × 75 mm) | \$20.00 |
| Solid Section – Grain Mounts (on 27 × 46 mm slide) | \$12.00 |

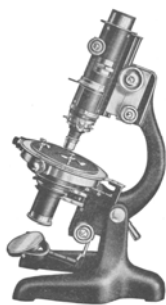
Prices do not include the cost for optional services, as listed below

**P
R
I
C
E

L
I
S
T**

Why Consider APS?

- Fastest Turnaround
- Excellent Quality
- Lowest Price
- State-of-the-art Equipments & Facilities
- Industry Experience
- Customer Satisfaction



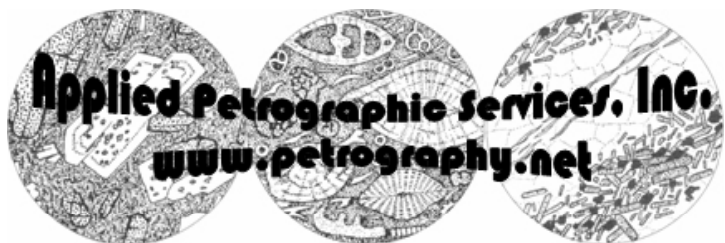
Effective June 2007

OPTIONAL SERVICES

| | |
|---|--------|
| Vacuum Impregnation – Clear Epoxy | \$2.00 |
| Vacuum Impregnation – Blue Dye Mixed Epoxy | \$2.50 |
| Vacuum Impregnation – Fluorescent Epoxy | \$4.00 |
| Sectioning – Trimming of Cut Sample to Fit in Slide | \$2.50 |
| Sectioning – Of Rough Sample to Reduce Sample Size | \$2.50 |
| Cover Slip – Removable or Permanent | \$1.00 |
| Grinding/Sectioning in oil/glycol for water-sensitive materials | \$3.00 |
| Ultrathin Sectioning (to ~ 15µm) | \$2.50 |
| Orientation & Identification | \$1.00 |
| Staining – Calcite | \$1.00 |
| Staining – Iron Rich Carbonate | \$2.00 |
| Staining – Potassium Feldspar | \$5.00 |
| Staining – Plagioclase | \$5.00 |
| Staining – Ferrous Carbonate | \$1.00 |
| Staining – Ferrous Iron | \$1.00 |
| Staining – Alizarin Stain | \$1.00 |

Please call for your special needs

Prices subject to change without notice



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

SHIPPING INFO

Name:

Organization:

Address:

City/State/Zip:

Phone:

Fax:

BILLING INFO

Name:

Organization:

Address:

City/State/Zip:

Phone:

Fax:

NOTES

Balances are due on receipt. 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 US dollars. Turnaround does not include shipping time. If payment is with a credit card, Billing Info will be the address the statement is sent to.

TURNAROUND

☐ Standard
(~10 to 15 Days)

☐ Priority
(5 to 10 Days)
+ 50 %

☐ Rush
(1 to 5 days)
+ 100 %

SHIPPING OPTIONS

☐ Send Invoice

☐ Use my Account

Account # _____

UPS ☐ GROUND ☐ 2 DAY ☐ NEXT DAY

FED EX ☐ 3 DAY ☐ 2 DAY ☐ NEXT DAY

DHL ☐ STANDARD ☐ 2 DAY ☐ NEXT DAY

All samples will be returned via UPS GROUND and billed as a flat rate on the invoice unless otherwise stated.

PAYMENT OPTIONS

☐ Send Invoice

☐ Check Enclosed

☐ MASTER CARD

☐ VISA

Name on Card _____

Card Number _____

Exp. Date _____

Signature _____

Purchase Order# _____

ORDER FORM

OF SAMPLES

OF PAGES


DATE SHIPPED

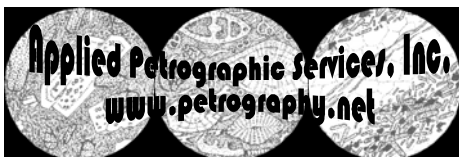
FOR OFFICE USE ONLY

| APS # | RECEIVED | SAMPLES | DUE DATE | INVOICE # | IN. DATE | SHIPPING | BOX | WEIGHT | SHIPPED |
|-------|----------|---------|----------|-----------|----------|----------|-----|--------|---------|
| | | | | | | | | | |

Quality Service • Rapid Turnaround • Competitive Price

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

| # | Sample ID | | | | | | | | | | | | | | | | |
|-------------------------|-----------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | |  | | | | | | | | | | | | | | | |
| THIN SECTIONS | | Standard Size (27 × 46 mm) | | | | | | | | | | | | | | | |
| | | Large Size (50 × 75 mm) | | | | | | | | | | | | | | | |
| | | Circular Section (1 in. diameter) | | | | | | | | | | | | | | | |
| | | Grain Mounts (27 × 46 mm) | | | | | | | | | | | | | | | |
| | | Grain Mounts (50 × 75 mm) | | | | | | | | | | | | | | | |
| | | Multi-depth (50 × 75 mm) | | | | | | | | | | | | | | | |
| POLISHED SECTIONS | | 27 × 46 mm – One -side | | | | | | | | | | | | | | | |
| | | 27 × 46 mm – Double side | | | | | | | | | | | | | | | |
| | | 50 × 75 mm – One-side | | | | | | | | | | | | | | | |
| | | 50 × 75 mm – Double side | | | | | | | | | | | | | | | |
| | | Grain Mounts (27 × 46 mm) | | | | | | | | | | | | | | | |
| | | Grain Mounts (50 × 75 mm) | | | | | | | | | | | | | | | |
| | | Circular (1 in. disc) – One-side | | | | | | | | | | | | | | | |
| | | Circular (1 in. disc) – Double | | | | | | | | | | | | | | | |
| | | Circular (1 – 1½ in. disc) | | | | | | | | | | | | | | | |
| | | 27 × 46 mm | | | | | | | | | | | | | | | |
| Polished Thin Sections | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Polished Solid Sections | | 50 × 75 mm | | | | | | | | | | | | | | | |
| | | Grain Mounts 27 × 47mm | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| OPTIONAL SERVICES | | Clear Epoxy | | | | | | | | | | | | | | | |
| | | Blue Epoxy | | | | | | | | | | | | | | | |
| | | Fluorescent Epoxy | | | | | | | | | | | | | | | |
| | | Trimming | | | | | | | | | | | | | | | |
| | | Slab Saw | | | | | | | | | | | | | | | |
| | | Cover Slip (R /P) | | | | | | | | | | | | | | | |
| | | Grinding/Sectioning in oil/glycol | | | | | | | | | | | | | | | |
| | | Ultra thin TS (to ~ 15µm) | | | | | | | | | | | | | | | |
| | | Orientation & Identification | | | | | | | | | | | | | | | |
| | | Calcite | | | | | | | | | | | | | | | |
| Staining | | Iron Rich Carbonate | | | | | | | | | | | | | | | |
| | | Potassium Feldspar | | | | | | | | | | | | | | | |
| | | Plagioclase | | | | | | | | | | | | | | | |
| | | Ferrous Carbonate | | | | | | | | | | | | | | | |
| | | Ferrous Iron | | | | | | | | | | | | | | | |
| | | Alizarin Stain | | | | | | | | | | | | | | | |



Additional Petrographic Services

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

Photomicrographs of Your Thin or Polished Sections:

\$10/per set per sample

For an additional \$10, 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. At least three sets of plane and cross polarized-light photomicrographs will be provided per sample, with scale bars, depicting the detailed mineralogy, grain and pore size distribution, and texture of the rock.

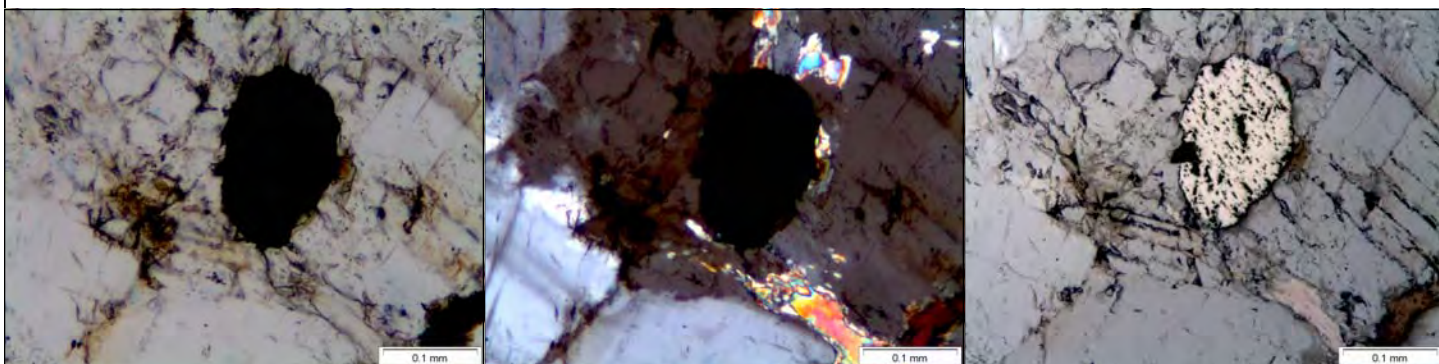
Petrographic Examination:

\$250 per sample

Optical Microscopical examinations of thin sections in plane and cross polarized lights, and polished sections in reflected-light 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 does not include the cost for sample preparation.

Supplemental Petrographic Services:

- Automated Point Counting: **\$250 per sample**
- XRD (Qualitative): **\$250 per sample**
- XRF/ICP (Major Elements): **\$250 per sample**
- SEM-EDS: **\$250 per hour**
- Image Analysis: **\$200 per hour**



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