

Applied Petrographic Services, Inc.

222 Harvey Avenue
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

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

TURNAROUND

Standard	8+ weeks
Rush (100 % Premium, Please call for availability)	2 weeks

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

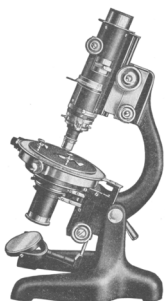
POLISHED SECTION

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 × 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
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 APS?

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



Effective January 2022

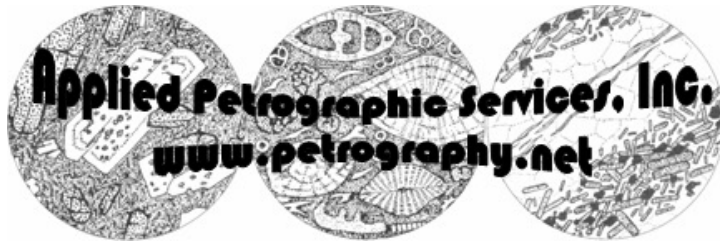
OPTIONAL SERVICES

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

Please call for your special needs

Prices subject to change without notice

P
R
I
C
E
L
I
S
T



Applied Petrographic Services, Inc.

222 Harvey Avenue
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/email:

TURNAROUND

Standard
(8+ Weeks)

Rush
2 weeks
(25 samples or less)

SHIPPING OPTIONS

Add to
Invoice

Use my Account
Account # _____

UPS GROUND 2 DAY NEXT DAY

FED EX 3 DAY 2 DAY NEXT DAY

Shipping insurance *

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 amount of invoice unless otherwise noted.

BILLING INFO

Will the funds for this project come from outside the United States?
 No Yes (If yes, payment is requested before work begins)

Name:

Organization:

Address:

City/State/Zip:

Phone:

Fax/email:

PAYMENT OPTIONS

Send Invoice

Purchase Order# _____

Pay by Credit Card

(Please note: As of April 2018, we have a new credit card processor. CC payments will be accepted by phone only.)

Contact Person _____

Phone No. _____

NOTES

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.

O
R
D
E
R

F
O
R
M

OF SAMPLES

OF PAGES

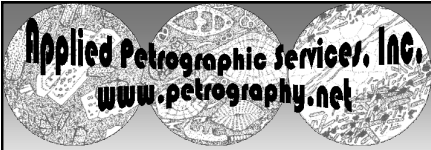
DATE SHIPPED

FOR OFFICE USE ONLY

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

#	Sample ID	THIN SECTIONS						POLISHED SECTIONS										OPTIONAL SERVICES							
		Standard Size (27 x 46 mm)	Large Size (50 x 75 mm)	Standard Size - Sand (27 x 46 mm)	Large Size - Sand (50 x 75 mm)	Standard Size - Soil (27 x 46 mm)	Large Size - Soil (50 x 75 mm)	Polished Thin Sections	Polished Solid Sections	Impregnation	Cutting	Others	Staining												





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.

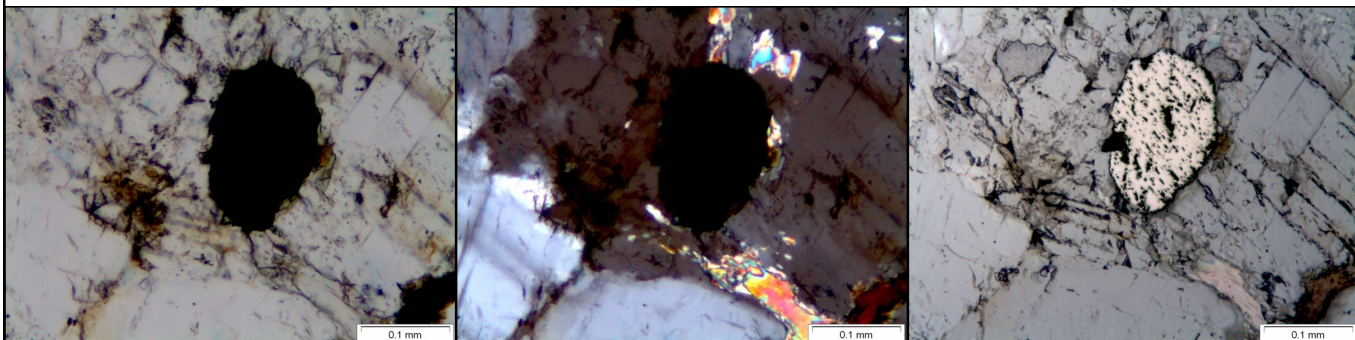
Petrographic Examinations

\$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.
222 Harvey Avenue, Greensburg, PA 15601
724-834-3559 (Tel) 800-899-0522 (Toll Free) 724-834-3556 (Fax) www.petrography.net

Additional Petrographic Services

 Applied Petrographic Services, Inc. www.petrography.net		Photomicrographs	Petrographic Examinations	Comments (Please add any additional information you may think is necessary before we begin your project.)
#	Sample ID			

Sample Report Page Showing what is included in Petrographic Examination

Sample ID: "Your Sample ID Here" Rock: Mica-Quartz Schist

Appearance: Dense, hard, dark gray, coarse-grained metamorphic rock
 Examined By: Hand specimen
 Thin Section (< 30 μm thick, 27 mm X 46 mm) for Microscopy;
 Pulverized Powder (<45 μm size) for XRD and XRF

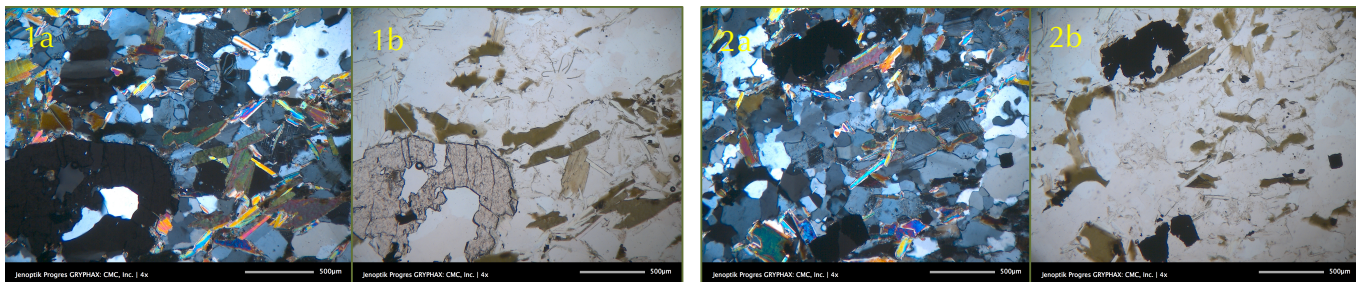


Mineralogy: Major Minerals - Quartz
 Subordinate Minerals – Plagioclase Feldspar (Albite), Mica (Muscovite, Biotite)
 Minor Accessory Minerals – Zircon, Apatite
 Minerals from Alteration – Sericite (from plagioclase feldspar), Chlorite (from biotite)

Texture: Schistose texture defined by parallel arrangements of quartz-feldspar grains and mica flakes

Alterations: Sericitic alteration of plagioclase feldspar and chloritic alteration of biotite mica

Photomicrographs: 1a, 1b – Crossed and plane polarized light views of garnet porphyroblast at bottom left corner, rest quartz, feldspar, muscovite and biotite mica, green chlorite alteration of pleochroic biotite flakes
 2a, 2b - Crossed and plane polarized light views of dark opaque grains in mica-quartz schist



Chemical Composition from X-Ray Fluorescence Spectroscopy (XRF)

SiO ₂	Al ₂ O ₃	CaO	MgO	Na ₂ O	K ₂ O	Fe ₂ O ₃	TiO ₂	P ₂ O ₅	SO ₃	Balance
64.0	13.7	1.34	2.03	1.4	3.56	5.69	0.722	0.164	ND	7.86

Mineralogical Composition from X-Ray Diffraction (XRD) & Microscopy

Quartz	Albite	Muscovite	Biotite	Chlorite	Garnet	Opaque	Accessories (Zircon, Apatite)
48.9	17.8	12.2	21.0	<1	<1	<1	<1

