



Facet Rough

We hand select all of our facet rough to assure that it is the finest available for faceting and offers you the greatest value for the money.

Alexandrite

Alexandrite from Brazil: one of the rarest of gems, the color change from a bright light green to pastel violet/blue. For those that have always wanted to collect or facet some genuine Alexandrite, this is your chance! Though this material does not have the complete red to green color change of the finest gem grade Alexandrite, it does come at a fraction of the cost. These eye-clean pieces range from .5 to .9 cts each. **\$ 55.00/ct.**

Amethyst: Siberian Color

This is rich colored material that cuts a fine velvety purple stone with a distinct color shift from daylight to incandescent light. Clarity is excellent, though some pieces have the color banding typical of this material.

4.5 to 6 ct pieces \$ 2.00 / ct. 14-19 ct pieces \$ 2.50 / ct.

Bytownite

This is one of the Feldspar group of gems, prized by collectors and excellent for pendants and earrings. This is select material from Mexico. Most Bytownite available to faceters is under 15 cts per piece, and this material is exceptionally large and clean! Hardness is 6 - 6.5, RI about 1.56, and it has a fine amber color. It does have prominent cleavage planes, but they seldom cause problems in faceting. As with all feldspars, it polishes readily with cerium. Pieces over 21 ct: **\$ 0.30 per ct.**

Golden Citrine

This has a bright golden orange color with some color banding, as is typical of this material. Medium size excellent for all jewelry uses. It cuts easily, and polishes well with cerium.

pieces up to 20 ct.: \$ 0.25 / ct. 20-25 ct pieces: \$ 0.75 / ct.

Citrine, Large Madeira

Madeira, Brazil: Jumbo-sized pieces of gorgeous deep orange material with a good orange/red flash. This material is getting harder to find, especially in larger sizes, and these pieces range from 15-20 cts each. This is very clean material and will cut some fantastic gems! As with all citrine on the market, consider it to be heat treated.

\$ 2.95 / ct.

Citrine, "Lemon"

Lemon Citrine, a variety of the quartz family, has been treated to a yellow citrine color that has just a hint of green (like an almost ripe lemon). This is not to be confused with the "neon" green/gold quartz, which is green with a hint of yellow. Pieces range from 30 to 100 cts each.

As with all quartz, prepolish with 1200, and polish with cerium.

\$ 0.20 / ct.

Garnets

The Birthstone for January, and attracting more attention now than ever as new finds of exotic varieties and colors gain popularity. Hardness: 7 to 7-1/4; RI= varies with composition, 1.73 to 1.89 You will appreciate our clean faceting rough that will produce brilliant and exceptional gems for all jewelry uses.

Rose Almandine Garnet

What distinguishes Rose Almandine from the average Almandine garnet is that it is not as dark and does not have the brown cast to it; it has pleasing orange/pink (rose) overtones, which makes it a very pleasing gem! It is also the hardest and most durable of the garnet family, so it is excellent for all jewelry uses. We recommend cutting in a brilliant style (not deep cuts, like Barions) and using a prepolish with a 1200 NuBond lap or 3000 metal bond lap, followed by polishing with alumina on tin (or BATT). **7-12 ct. pieces \$1.25/ct .**

Chrome Pyrope Garnets

These are often called Arizona "Ant Hill Garnets", and they cut brilliant stones with an intense ruby red color. These are small, ideal for earrings and small rings, or for use as accent stones. Most should yield stones in the 3 - 4 mm range. Some might like them for practice at cutting small stones before they venture into cutting some of the more expensive materials. **2-3 + ct. pieces: \$2.50 /ct.**

Raspberry Rhodolite Garnet

A rich red with a purple tint; a relatively rare Pyrope/Almandite mixture. These pieces are eye-clean and blocky! **10 to 13 ct pieces \$ 7.00/ct**

Moldavite (tektite)

This is a variety of tektite found in the Czech Republic. Generally believed to be linked to celestial origin, it makes a unique and beautiful gemstone. Use angles as for obsidian; cerium usually provides an excellent polish. Pieces are a fine forest green, and are great specimens as well as fine faceting rough. Pieces from 10 to 60 cts each. **\$.89 /ct.**

Petalite

This is a rare stone, Lithium aluminum silicate, and it is from Brazil. Hardness is 6-6.5 (very similar to that of Tanzanite); RI 1.5 and it polishes easily with cerium and uses quartz angles. It is certainly extraordinary when cut- you may want to mount them in pendants, earrings, or in ring settings that will protect the stone. Prices reflect the rarity and reduced availability of larger sizes.

11-19 ct. pieces: \$.50 / ct or 100 ct. parcel for \$45.00

20-28 ct. pieces: \$.75 / ct

Quartz, "Neon" Green/Gold

Clean crystal sections of quartz crystals that have been treated to a stable, permanent shade of "Neon" green. Pieces range from 35 to several hundred carats each, and yield unique and beautiful gems. Facet a real attention-getting stone without a large investment! Let us know your size preference, and we will hand select the rough to meet your needs. **Less than 500 cts.- \$.35/ct. More than 500 cts.-\$.30/ct.**

Rose Quartz

This is the fine colored material from Madagascar in blocky pieces from 10 to 70 cts each- the color saturation and clarity of these pieces makes this an exceptional offer, and it is still at our 1996 prices! \$.35/ct.

Sapphire, Tunduru

There is no word for this material but INCREDIBLE! These are bright fancy colors: blue, grape, purple, raspberry, and even some pinks! These are from the Tunduru region of Tanzania. They are from 1 to 2 cts each, have good clarity, and are not heat treated.

By the piece: \$ 32.00/ct. 10 ct parcels: \$280.00 /parcel

Scapolite

This is a group of minerals: aluminum silicates. They are easy to work with, and make attractive gems. They have a hardness of 5 to 6, (about like apatite and opal) which makes them more suited to placement in earrings and pendants, but not out of the question for rings. Scapolite has a deeper color down the "C" axis, so you can orient them differently for a variety of effects- the deepest color will be with the table at 90 degrees to the "C" axis, and the brightest stone will have the table parallel to the "C" axis.

Espirito Santo, Brazil: This is a mix of clean crystal sections and cobbled material from Espirito Santo, Brazil, treated to obtain a rich and unique orange-to-rootbeer color. Scapolite is easy to work with, and cuts colorful brilliant gems. These pieces are all eye-clean, facet quality, and have been hand picked for their fine color and shape. Pieces from 5 to 10+ cts: **\$2.00 /ct.**

Raspberry/ Lilac: This is scapolite from Africa treated to obtain hues from a deep "raspberry" color (some are a fine purple/violet) to lilac shades, and even a few "orangy pink". These are pieces averaging about 3 cts, and range from 2 to 6 cts. They are well shaped for faceting, and are eye-clean with few flaws, if any. When ordering, include your preference of colors. **\$1.25 / ct.**

Sunstone, Oregon

Oregon Sunstone faceting rough from the Dust Devil Mine! Some have the copper schiller that is common to sunstone, and we do have the more rare and highly prized material that has the color without the schiller; these typically are found as a clear to amber stone with a section of colored material in the center. Sometimes the red & green material exhibits a color change effect when faceted- these are perhaps the rarest of all, and you can only tell if you have one by checking it after it is cut. (Incandescent/fluorescent light is the strongest color change.) Oregon Sunstone is easy to cut, though it cuts slower in some directions. It has obvious cleavages, but these seldom present a problem in cutting or polishing. Prepolish with extra fine lap, then polish with cerium.

Sun 1: pink w/schiller: 12 - 22 ct pieces. **\$ 6.00/ct.**

Sun 2: dark pink - medium red/orange; little schiller if any. 9 - 20 ct pieces. **\$ 8.00/ct.**

Sun 3: deeper red/orange to reds, some with green. 11-25 ct pieces. **\$ 10.00/ct.**

Topaz, Imperial

We have been able to obtain some really fine Imperial Topaz from Brazil. All pieces below are well shaped for faceting and are exceptionally clean. There is something for everyone in this assortment! This is the birthstone for November; with a hardness of 8 it makes an excellent stone for all jewelry uses.

Topaz 2: Fine golden/orange pieces in medium shades; 4 - 8 cts. each. **\$ 12.00/ct.**

Topaz 3: Medium golden/orange with a more saturated color on the "C" axis. This material will cut some superb gems! Pieces are 4 - 9 cts. each. **\$ 18.00/ct.**

Topaz 5: This is as good as it gets- some of the finest ever available! This is a rich, deep-colored orange/pink with a highly saturated "C" axis- all well shaped for faceting clean stones that will be real "attention grabbers"! These are 4 - 7 cts. each. Buy some today at: **\$ 35.00/ct.**

Tourmaline

Tourmaline can be heat sensitive; dop with care. RI is 1.63, Hardness 7 - 7.5, and it usually polishes easily with alumina on a tin/tin alloy lap or Fast/Last Lap

Multi-Colored Tourmaline

These come in a wonderful array of colors, and we have placed quite an assortment of colors in these parcels. Tourmaline parcels will be made up of a mixture of colors and sizes ranging from 1-5 cts each.

25 ct. parcels: \$75.00

Tourmaline, Nigerian

This is fine, untreated, clean crystal sections and pieces in vivid shades of red, with some rich pinks. This material is some of the finest colored tourmaline we have ever offered, and has been selling quickly. At this point, there is no new material in this color range coming into the market from Nigeria.

1.7 to 3.9 cts per piece: \$ 10.00 / ct.

Zircon, Blue

Fine blue zircon from Cambodia in pieces 4 to 8 cts each. These have been hand-selected for their fine color, clarity, and potential yield.

\$ 4.50 / ct.

We Are Here For You

We have years of experience in faceting and gemology and are here to offer you help or advice on using our products and rough. We can often save you money by offering tips on how to make the best use of your current equipment & supplies. This is just another way to show that we appreciate our customers and that we are committed to earning your return business.

All colors and measurements are to be considered estimates only; Please inspect your order when you receive it and form your own determinations. Of course, we offer 15-day return privilege on any unaltered materials for refund, credit, or exchange.



Man Made Facet Rough

Cristinite

This newly created gemstone, has proven to be a "must have" gemstone in the collections all who have seen it. Cristinite(tm) has been examined and cut by expert faceters in several countries and, without exception, they have found it to be a wonderful gemstone that facets very easily and polishes to a fine vitreous luster. Suitable for most jewelry settings, it is tough and very workable, making it an ideal gemstone for both the amateur and professional gemcutter, alike.

This facets easily. Prepolish with 1200, polish with cerium (or alumina) on your favorite lap.

CR-100: Standard Colors \$0.10/ct.

Pink, lilac, peach, yellow, citrine, iolite blue, aqua, mint green, light and dark peridot green, and more!

Special Colors \$0.12/ct.

CR-106: Special Color- Golden Sapphire-

CR-111: Special Color- Tourmaline Pink-

CR-112: Sapphire Blue

Color Change \$0.12/ct.

CR-151: Alexandrite (blue to pink)

CR-152: Honey to Peridot

CR-201: Bi-Color- orange and blue side by side that blend into green \$0.60/ct.

CR-252: Two-color- Lt Pink & Mint Green: \$0.40/ct

Cubic Zirconia

Cubic Zirconia: this is zirconium oxide, not to be confused with the natural stone, zircon. This is dense material with a specific gravity of about 5.8 (+/-), no cleavage, and very low heat sensitivity, if any. It makes a beautiful and interesting gem due to it's high (2.15-2.18) RI. It cuts relatively quickly and easily, but can offer some challenge in polishing. The traditional "best" combinations for polishing CZ are 100k diamond on typemetal or 50k diamond on tin. We have also had good results with 50k diamond on a BATT lap. Others have reported having polishing success with 50k diamond on ceramic, zinc, Fast Lap, Last Lap, and even wax.

Clear- \$0.04/ct.

Select Colors- \$0.06/ct.

Peach	Light Fire Orange	Light Amethyst	Q-Purple	Gold
Orange	Fire Orange	Dark Yellow	Pink	Red
Salmon	Dark Fire Orange	Lavender	Peridot	

Russian Color-change- \$0.14/ct.

This is a beautiful orange/red material that changes to a rich green under fluorescent light.

Bright Medium Green CZ- \$0.18/ct.

CZX- \$0.20/ct.

This is a special designation for the blue & green varieties of CZ. This is much more difficult and expensive to produce than the "generic" CZ, but it is still more economical than most natural materials.

Aqua	Emerald	Sapphire	Tanzanite	Blue Topaz
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Facet Shoppe:

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(360) 443-6313

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E-mail: orders@gemcutter.com

Corundum

"lab grown" sapphire- split boules (flame fusion process)

Most split boules average about 200 cts, except for some blues and djeva colors.

Each color has a number, which is in the left column- use these numbers to order specific colors.

1	light rose	\$0.12
1.25	rose (pink)	\$0.12
2	dark rose	\$0.12
5	ruby	\$0.12
12	clear	\$0.12
20	lemon yellow	\$0.14
22	orange/yellow	\$0.14
47	Alex- blue/lavender	\$0.14
55	padparadscha	\$0.14
57	oriental padparadscha	\$0.14
59	golden ruby	\$0.14
61	Kunzite violet	\$0.14
32	dark Ceylon blue	\$0.17
78	"Djeva" green	\$0.69

Man Made Quartz

Dark Green, Light, Medium, and Dark Blue **\$0.08/ct.**

Dark Amethyst **\$0.16/ct.**

Mount St. Helen's Ash

This is ash from the eruption of Mount St. Helen's on May 18, 1980 that has been processed into a beautiful form of glass. This material is pulled from a melt, and comes in rods about 3" long and are about 6 to 10 mm in diameter (60-120 cts/piece). Pieces are light green/blue

\$0.12/ct.

"Boro-Silicate" Gem Material

"Boro-Silicate" Gem Material better known as glass is good for pendants and earrings. Though the color does get lighter for smaller gems, which is true for most gem materials. Facet with a metal bond 600, prepolish with a fine lap (1200 or 3000), and polish with cerium. Polish with a light pressure to avoid chipping facet edges.

Tourmalike Laser Gem– This is a color change item: pink in sunlight and incandescent light, and a pleasing medium green in fluorescent light. **\$ 0.12/ct.**

Tanzanite Jewel-Lite– This is a blue/violet color similar to deep colored Tanzanite. It's one of our best sellers. **\$ 0.10/ct.**

Spinel

Man-made Spinel: One of the finest gems- hard and durable, with a high refractive index, which makes it a bright and beautiful gemstone. This material facets easily, seems quickest with a very fine prepolish, then 50k diamond on BATT, or alumina on tin.

- 107: Aqua dark blue
- 110: "Ceylon" light blue
- 114: Light Azurite
- 115: "Ceylon" deep blue/violet
- 117: Swiss Blue
- 130: Yellow/green
- 135: "Erinite" light emerald green
- 136: Deep emerald green

All Synthetic Spinel colors just \$0.12/ct.

Boules average 400 cts for most colors.

Some boules have minor crazing on the outside that will not affect the finished gem.

YAG

YAG (Yttrium Aluminum Garnet)- this is one of the finest man-made gems available. It has amazing, very saturated color, and a high (1.833) RI. With a hardness of 8.5, it makes for a very beautiful and durable stone for jewelry. It facets almost like typical garnet; facet with 600 grit, prepolish (preferably) with a very fine lap (I like the 1600 Dyna Disk), and polish with alumina on tin (tin alloy, or Fast/Last Lap). Some faceters use 50k diamond on the above laps, also.

Colorless- (This is water clear!)	\$ 0.20/ct.
Neon Yellow- (This is bright, vivid yellow!)	\$ 0.24/ct.
Pink- (Rich pink, not a pale pastel)	\$ 0.24/ct.
Emerald Green- (Rich green/blue)	\$ 0.45/ct.
Tanzanite Color- (Rich blue/violet)	\$ 0.45/ct.

We Are Here For You

We have years of experience in faceting and gemology and are here to offer you help or advice on using our products and rough. We can often save you money by offering tips on how to make the best use of your current equipment & supplies. This is just another way to show that we appreciate our customers and that we are committed to earning your return business.

All colors and measurements are to be considered estimates only; Please inspect your order when you receive it and form your own determinations. Of course, we offer 15-day return privilege on any unaltered materials for refund, credit, or exchange.