

# THE GEODE

# Lakeside Gem and Mineral Club, Inc. (LGMC)

Web Site: www.lakesidegemandmineralclub.com

E-mail: lakesidegemandmineral@yahoo.com

Facebook: Lakeside Gem & Mineral Club

Instagram: lakesidegemandmineral

# Volume 176, Issue 4

April 2024

**Purpose:** To promote activities of mutual interest for collecting and displaying gems and minerals.

Address: Lakeside Gem & Mineral Club, Inc., PO Box 6652, Kennewick, WA 99336-0603

### IN THIS ISSUE:

#### **Page**

- 2) A Note from The President
- 2) We Need Your Help with the April Show.
- 3) Silent Auction Rules
- 4) Minutes General Club Meeting
- 6) Updated Gem & Mineral Show Schedule
- 7) Minutes March Board Meeting
- 8) Minutes March Junior Club Minutes
- 10) Specific Show Needs You Can Help
- 12) Is it a Limb Cast or a Limb Section?
- 13) Board of Directors / Contact Information

#### **GEODE Submission Deadline:**

19<sup>th</sup> of each month for member articles & photos **E-mail:** lakesidegemandmineral@yahoo.com

**Membership:** Annual dues are due in October. Please pay at the monthly meeting or remit to LGMC, PO Box 6652, Kennewick, WA. 99336-0603.

Membership Forms: See the bottom of page 12.

**GEODE Reprint Permission**: Permission to reprint is granted, provided credit is given to the source.

# **Club Meetings & Upcoming Events**

**Club Meetings** are held the first Tuesday of each month. At the Seventh Day Adventist Church, 7105 W. 10th Ave., Kennewick. Doors open at 6:30 pm for social. Meetings begin at 7 pm.

**April 2, 2024** - General Club Meeting. Program: Annual Show Director Larry Hulstrom will discuss the April Show. What's still needed? What's yet to be done? And how YOU can help.

April 9, 2024 - Junior Club Meeting at The REACH, Columbia Park, 6:30 pm – 8 pm.

April 15, 2024 - Board Meeting, 6:30 pm.

**April 18 – 21, 2024** – Your Lakeside Gem and Mineral Show, Benton County Fairgrounds. Saturday April 20th from 10 am to 5 pm. And Sunday the 21<sup>st</sup> from 10 am until 4 pm.

## A Note from the President . . .



The annual rock and gem show continues to grow and evolve thanks to our show chairman, Larry. For the 27th annual show, we expect 18 vendors in addition to our club staples like geode cracking and the Junior Club booth. Please sign up for a volunteer spot (or two or three...) at the next meeting or contact Larry with your availability. There are many options for both public-facing and behind-the-scenes volunteering. Remember, volunteers get free admission!

While I appreciate our vendors, in my opinion the goal of our show is to showcase our varied talents and interests to the public and get them interested in the club. With that in mind, we have 36 display cases to fill that highlight one or more aspects of the hobby we all enjoy; Carving, collecting, cabbing, and other topics that might not even begin with C. And, please, label your rocks! Even a little bit of context takes an "Ooh, pretty" display to the next level. I hope to see many new and informative displays this year.

Patrick Donohue LGMC President

# We STILL Need Your Help! The April Show is Almost HERE!

Thanks to many of you that signed up to help at the February and March meetings. <u>But it wasn't enough!</u> We still have open time slots for working in the silent auction, ticket sales, and geode cracking areas. We still need at least 20 more people to put in displays. We REALLY need your help with that. Don't be afraid to show off what you have been working on, collecting, or making! This is how we show the public what our hobby is all about and get them interested.

If you are available on Thursday, April 18th we could use your help to tape the show layout on the building floor in the morning. Once that's done we will go out to the storage units in Finley and start loading up the rental truck. After it's loaded we will take it back to the Fairgrounds and begin unloading. We could use your help at any time that day. Please sign up!

As a reminder, it is the expectation that all club members will help out in some manner with the show. Otherwise we will have to charge you to get into the show (which we would rather not do). After everything is set up on Friday there will be a general potluck for everyone. Members are expected to bring a side dish to share and the club will provide the main entrée.

Saturday and Sunday are a lot of fun, so come and help us make that happen. After the show closes on Sunday we need everyone to stay and help us dismantle and clean up after the show. This includes loading the truck back up and going out to Finley to unload it again. We are all tired by that time, but we need your help to make it go easier. Many hands will make it get done a lot faster.

#### WE CAN'T DO THIS WITHOUT YOUR HELP!

Larry Hulstrom
Lakeside Show Chairman

#### **2024 SILENT AUCTION RULES**

If you've signed up to be a Silent Auction worker and have never do so before, following are the rules that must be followed to be sure that the auction is conducted consistently and fairly.

There will be two types of auctions, a 30 minute auction and a 2 hour auction.

#### 30 Minutes Auctions:

- There can be NO bidding by auction monitors while working behind the tables.
- All items must be paid for at the end of the auction round and there will be no storing of materials for club members behind the tables.
- No socializing with non-workers behind the tables. Your focus needs to be on the sale items.
- The chairs behind the tables are for the auction-workers use only.
- All items submitted for the auction must have a slip made out for it, and affixed to the item with a rubber band if possible.
- Bids for the 30 minute auction will be on white paper. Put in an opening bid of at least \$1.00, leaving the space to its left blank. PRINT YOUR NAME CLEARLY on the slip as well as WHAT THE ITEM IS. Mark if it is Consignment or a donation. If no box is checked, it is assumed that it is a donation.
- The 30 minute Auction will begin promptly at 10:15 am.

#### 2 Hour Auctions:

- This auction is for higher value items. There is a limit of two items per family, per auction for each session unless there is a shortage of material for the table.
- The <u>Bid Sheets</u> for the 2 hour auctions are on <u>colored paper</u>. PRINT YOUR NAME CLEARLY on the slip as well as WHAT THE ITEM IS. Mark if it is Consignment or a donation. If no box is checked, it is assumed that it is a donation. Mark consignment or donation. Under BUY IT NOW, put in an amount. Also, put in an opening bid in the proper column. I recommend \$10 to \$20 above the opening bid price for the BUY IT NOW. It's up to you.
- Payout on sales is a straightforward 70% to owner, 30% to club. If you want a certain amount for your item, please figure out that amount in your 70% return and write that on your slip as the opening bid.

If an item does not sell, it will be removed from the table and set aside for another sale round or set aside for the owner to claim later.

**You Know You're a Rockhound if** ... you collect interesting specimens, including the brown unknown ones, just in case they might turn out to be something special.

# **General Club Meeting Minutes – March 5, 2024**

The meeting was called to order at 6:59 pm by Club President, Patrick.

## **Old Business**

- There are still a few name badges to be picked up. If yours is one, please see Larry at the April meeting.
- NW Rockhound Retreat is Sept 2 8, 2024. Registration is now open. (See the Reminder on page 5, top.)
- Volunteers are needed check the Geode examples: Social Media, Tumbling Grit & Saw Oil, Program Director
- New President, VP, and Director will be needed at end of this year.

#### **New Business**

- Annual Show participation: Sign-up sheets will be in the back of the April meeting. PLEASE participate.
- It's Inventory time The Board is doing a physical inventory and adding items to club holdings (books, DVD's, etc.) If you have something, please email Sally so we know it exists. (Not necessary to return right away)
- Board Approved \$75.00 donation to NFMS Scholarship Fund in memory of Jerr Senn who passed recently.
- Field Trip ideas or requests please let the Board know:
  - Prineville, OR show and the Madras show (both in June) have field trips available.
- There will be an estate sale of Ray Gifford's rocks on March 29 31 in Benton City: 13719 E. Ruppert Road. Sale times are from 8 am to 5 pm. See more information in the March Geode.
- The April Program will be about the Gem Show April 20 and 21. We need everyone to help.
- KitKat Wire Wrapping classes in will be held in June. Sign-up sheets are in the back of the room.

#### **Program**

Emily B. Cahoon from Oregon State University and Isotopx gave an informative presentation on Oregon Sunstones titled: "A Geological Whodunnit: The Formation & Significance of Oregon Sunstones."

She compared stones from the Oregon Ponderosa Mine and Plush Mines, explaining the similarities and differences, posing scientific questions. The "how" and "why" answers to those questions are elusive.

Dr. Cahoon hinted that she might be available to do field trip(s) with our club to either or both mines and possibly add on Obsidian.

NOTE: She highly recommends spare tires for anyone traveling to the Plush Mine or to any Obsidian locales such as Glass Buttes.

Respectfully submitted, Debbie Muller

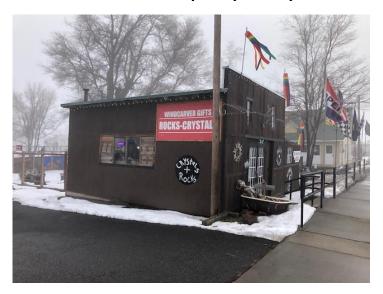
# **REMINDER: Northwest Rockhound Retreat Registration – NOW OPEN**

The Northwest Rockhound Retreat is September 2nd through the 8th this year. Attendees arrive on Monday, September 2nd, Labor Day, for a week of exceptional hands-on classes, taught by experts in various fields such as lapidary, silversmithing, metalsmithing, wire wrapping, chain mail (this year), and more.

Capacity is always limited so check out the NW Federation website (see the link below) and plan to attend now. The cost is \$375 per week for a cabin and meals, plus \$50 for supplies.

The Northwest Newsletter has posted the application and more information. You can find all the information you'll need right here: <a href="http://northwestfederation.org/NwRockHoundRetreat.asp">http://northwestfederation.org/NwRockHoundRetreat.asp</a>.







On the way to Bend for a recent family event my wife and I headed south out of Biggs on Highway 97. I slowed to the required 25 miles per hour in Grass Valley and my wife noticed that a small rock shop we've passed countless times now has a bright red "Open" sign. So we decided to stop.

Wind Carver Gifts on Highway 97 in Grass Valley, Oregon has reopened. Dale Schmitt and Sandy Price took the small shop in September, 2023. The shop is full of crystals, petrified woods, agates, fossils, and a whole lot more. Dale and Sandy are wonderfully friendly and great to deal with.

Next time you're headed south through Grass Valley, Oregon, check out Wind Carver Gifts (although Dale says he's thinking of changing the name).

You can contact them at 503-886-9366 or at windcarvergifts97@gmail.com.

Thought you might enjoy a little heads up.

Randy R. LaBarge, Editor

## 2024 Selected NFMS Club Shows - Schedule

The Shows listed below are a subset of the complete list of club shows provided in the AFMS Northwest Federation Newsletter. More complete information can be found in the NFMS Newsletter or online at: www.northwestfederation.org.

April 20 – 21, 2024	Lakeside Gem and Mineral Show Contact: <a href="mailto:rockhound132@charter.net">rockhound132@charter.net</a>	Benton-Franklin Co. Fairgrounds Kennewick, WA.
April 26 – 28, 2024	Yakima Gem and Mineral Club Show Contact: marthams@q.com	Yakima Fairgrounds 1301 South Fair Ave, Yakima, WA
April 27 – 28, 2024	West Seattle Rock Club Website: www.westseattlerockclub.com	Alki Masonic Temple 4736 40 <sup>th</sup> Ave. SW West Seattle, WA
May 10 – 12, 2024	Hatrockhound Gem and Mineral Society (This is also the 2024 NWMS Show) Contact: stonemorlin1@netscape.net	East. OR Trade & Event Center 1705 East Airport Rd, Hermiston, OR.
June 13 – 16, 2024	Prineville Rockhound Pow Wow Website: www.prineville.rocks	Cook Co. Fairgrounds 120 S. Main St., Prineville, OR.
June 20 – 23, 2024	Madras Rock Show Contact: madrasrockshow@gmail.com	Jefferson County Fairgrounds Madras, Oregon
August 16 – 18, 2024	Willamette Agate & Mineral Society Contact: <a href="mailto:wamsriverofgems@gmail.com">wamsriverofgems@gmail.com</a>	Polk County Fairgrounds 520 S. Pacific Highway Rickreall, Oregon
September 21 – 22, 2024	Clallam County Gem and Mineral Show Website: www.sequimrocks.org	Vern Burton Community Center 303 East 4 <sup>th</sup> Street Port Angeles, WA.

# We need a Digital Media Person to Spread the Word about the Annual Show!

Do you know how to use Facebook, Twitter, or Instagram? If you do, the Club could really use your help! We need to reach out and let everyone with a Smart phone know about our Club and especially about our April Gem and Mineral show.

Connect with Larry Hulstrom at the April meeting or email/text him to let him know how you can help. We're not looking for full time help, just a few hours to help us spread the word about the April Show.

Contact: Larry Hulstrom at: rockhound132@charter.net, or text him at: 509-308-8312.

# **Board Meeting Minutes - March 18, 2024**

The meeting was called to order at 6:32 p.m. by Peter.

Present were: Peter, Patrick, Larry, Randy, Sally, Lisa, Jane, Mickie and Steve Madden, Andy, Pauline and Debbie.

#### **Old Business**

- <u>Treasurer's Report</u> from last week Feb. to now: paid final to Fair Grounds; all dealer fees have been paid; paid for grit and stamps. Balance is well into the Black.
- <u>Membership Coordinator Report</u> has a dilemma has heard conflicting reports about Board Members paying or not paying membership dues. Discussed by-laws and policy and determined that Board Members shall pay dues. Only Lifetime member's dues are waived.
- <u>Junior Club report</u> continue to have 20-25 youngsters at meetings, with attending adults. The members continue to do research and present reports. She hasn't found any geologists to come speak. Jane suggested Linda Spinner who has spoken in the past.
- Volunteers to help is Junior Booth at the Show the same? Yes, same size and place.
- Has started looking over the Procedures and has a couple of small edits. Also, suggests adding a section for "Advisor and Volunteer Responsibilities."
- No one ran for officer positions. Will try again in October?
- Pauline has contacted other Junior Club leaders through the National organization.
- The Reach is having its 10th Anniversary state tax financial support will be discussed at the March 19th City Council meeting. Anyone who wants to attend is invited for support.
- Newsletter Editor Report Randy has contacted Ryan Bennett at East Benton County Museum. They have the petrified wood petroglyph floor, small Kennewick Man, Native American artifacts, and other individual exhibits. Not sure Ryan coming to speak to us would be a good fit, as there isn't much he could bring. There was a suggestion that the Club take a field trip to the Museum as an alternative. Possibly a Saturday in the winter when we can't go look for rocks. Jane motioned, Sally seconded, passed to have that as a program next winter.
- Randy enquired about two missing persons on the email list. Decided that they were both Lifetime members.
- We need a good program for May, especially since we will probably have visitors from Show attendees. Randy will ask Bruce Bjornsted. He is an expert on Ice Age Floods. Alternatively, he could present at the August or September meetings, instead of May, depending on his schedule.
- Larry is doing a pricing comparison for key chain components since we decided to do 400 of them.
- Library materials have been picked up. Still need to do inventory and update spreadsheet.

New Business – The following Show topics were discussed.

- In addition to the tables provided by the Fairground, Larry has rented 35 8' tables from Bennett's.
- Marty has Silent Auction slips.
- The Hospitality area will be used Friday night for the Pot Luck.
- Larry wants to re-orient the Fluorescent Room entrance to make ingress and egress easier.
- Silent Auctions rules, signs and forms, Rules will get published in the Geode especially that the crew needs to be focused on watching the tables (not socializing), We need 2 or 3 lamps and new spray bottles. Do we want to have a timer count-down? We have one in storage.
- PA System for the Silent Auction and announcements there is a PA system in the building; at least one microphone. 2nd at Silent Auction?
- There will be an ATM up front. How often will it be refilled?

Continued on page 11

## Junior Club Meeting Minutes – March 21, 2024

At our March meeting, the Juniors learned about some of the clues we can use to identify minerals. They experimented with the scratch test and Mohs hardness scale, streak tests, magnetism, and reactivity with acid. That last test seemed to be the favorite as we observed what happens when you drip vinegar onto a piece of chalk.

The April 9 meeting at the REACH Museum (1943 Columbia Park Trail in Richland) will be our last crafting session before the show, and we'll practice making sellable items such as key chains and bracelets.

The juniors continue their great work on Mineral of the Month reports.

# Mineral of the Month Reports from the Junior Club

**Apache Tears by Harper** - Imagine you're holding a cool dark rock in your hand. Apache Tears are like that, but they're a special kind of rock. They're actually a type of volcanic glass, which means they were formed when hot lava from a volcano cooled down really quickly.

What makes them interesting is that they're usually shiny and black, like obsidian. People call them Apache Tears because there's a sad legend that goes with them. It is said that after a battle, when the Apache warriors were defeated, their tears turned into these black stones. So, Apache Tears are like little black treasures with a cool story behind them!

Heulandite by Lincoln - Heulandite is the name of a series of minerals in the zeolite group. It was named after the mineral collector John Henry Heuland 202 years ago in 1822. Heulandite can be colorless, yellow, green, white, or pale pink. The one I have is pink. The Mohs hardness is 3 to 4 meaning it is as hard as a copper penny and leaves a white streak when scratched against a plate. Heulandite looks like other minerals in the zeolite group, but you can tell the difference in the shape of its crystals and color. This mineral can be found in cavities of basaltic volcanic rocks and sometimes in hydrothermal veins. It forms at a temperature of 212 degrees. I like that the pink feels like a cat's tongue, and I like that my mineral sample has small holes with more minerals inside. I also like how sparkly the pink is and how smooth the back is.

**Epidote by Noah** - The mineral I chose is epidote. It is a common mineral formed during low grades of metamorphism and hydrothermal activity. It is particularly common in metamorphosed basalts and gabbros where it replaces plagioclase pyroxene and olivine. The perfectly transparent, dark green crystals from the Knappenwand and Brazil have occasionally been cut as gemstones. The green part of several mixed-rock ornamental stones is composed of epidote. These include Unakite and Australian Dragon Bloodstone. Epidote displays strong pleochroism, the pleochroic colors being usually green, yellow, and brown. Clinozoisite is green, white, or pale rose-red group species containing very little iron, thus having the same chemical composition as the orthorhombic mineral zoisite. I chose this rock because it looks like a log with moss. It is 6 to 7 on the Moh's scale, hard as steel, maybe a little more.

Continued on Page 9

# You Still have time to Put Together a Display for the Show.

Whether you're new to the hobby or have been at it awhile but have never attempted to put together a display for the annual gem and mineral show it's not all that hard to do. At the April meeting we will provide you with some hints and suggestions to help you organize your materials into a display that you will be proud to have everyone see. Don't worry if you think you don't have enough material to fill a display, you can partner with someone else and fill it in no time.

If you are using a Club furnished case all you need are your materials and an eye for arranging things into a display that is attractive and informative. Where possible you should label what you are displaying with the name of the material (e.g. jasper, agate, Trilobite, etc.) and the location the material came from. More display tips can be found on the American Federation of Mineralogical Societies (AFMS) website at: <a href="https://www.amfed.org/contests/Rules">https://www.amfed.org/contests/Rules</a> in the AFMS Uniform Rules. These are the rules used for competitive displaying, a subject for another discussion.

There are a number of fellow Lakeside club members that have been putting together fantastic displays over the years that would be more than willing to answer your questions. So bring your questions and start thinking about putting a display case in the April show.

Larry Hulstrom

# Mineral Reports - Continued

Continued from Page 8

**Azurite by Isaac** - Azurite is a soft, deep-blue copper mineral produced by weathering of copper ore deposits. During the early 19th century, it was also known as chessylite.

Azurite is found in the same places as its sister mineral, malachite, though it is usually less abundant. Both minerals occur widely as copper minerals, formed in the same zone as copper ore deposits. Azurite is unstable in air, however it was used as a blue pigment in ancient times. Azurite is naturally occurring in Sinai and Egypt.

Azurite is used sometimes as beads and jewelry, and also as an ornamental stone. However, its softness and tendency to lose its deep blue color as it weathers leaves it with fewer uses. Heating destroys azurite easily, so all mounting of azurite specimens must be done at room temperature.

Junior Club Minutes and Mineral Reports Submitted by Pauline Schafer, Junior Club Coordinator

# Check Your Calendar for April 18th – 21st. The Lakeside Show Needs Your Help.

Our April Gem and Mineral Show is upon us. Can you help? Of course you can. Show Coordinator Larry Hulstrom is looking for members to volunteer to lead and/or organize various aspects of the show.

Here's a list of needed volunteers and their roles.

<u>Display Cases</u> – We're still in need of 20 or so people to create a display case for the show. This is a great opportunity to show the public your stuff.

<u>Registration/Ticket Sales</u> — Sell tickets and address questions from the public or other club members working at the table during the show. Make sure things are ready to go before the show opens, work with the club treasurer to transfer monies collected during the show.

<u>Silent Auction</u> – oversee the Silent Auction area, ensure that volunteers are putting out new rocks, making labels for donated materials, bringing in cash and making sales;

<u>Geode Cracking</u> – organize the supply of geodes for cracking, ensure that volunteers know how to operate the cracker; keep the area around the cracker cleaned up.

<u>Raffle</u> – organize club members willing to sit in the raffle area during the show to oversee individuals buying raffle tickets, count and identify winners on Sunday afternoon and provide names of winners to the building announcer so that prizes can be handed out; keep track of any items not claimed and get them mailed to the winners not present at the show.

<u>Social Media Advertising</u> – prior to the show use any and all social media methods such as Facebook, Twitter, Instagram, and others to advertise our show. Involve club members in posting updates and engaging with people about the show.

There are lots of ways you can help, none of which are difficult. You will hear more about the show in the April meeting. Signup sheets will be available at each meeting.

The club needs your participation to make this a great show for the public. Sign up to help at the April meeting.

Larry Hulstrom, Lakeside Show Chairman

# You Know You're a Rockhound If ...

The sign on the side of the road says "Falling Rock", and you pull over to wait.

#### **Check Your Rock Piles: Donations Needed for the Silent Auction**

If you have items that you would like to donate to the silent auction you can pick up sales slips at the April meeting so you can have them ready to drop off on Friday as we set up the show. This helps the people working the auction. Consignment items should be clearly marked as well.

# **Board Meeting Minutes – March 18, 2024**

(continued from page 7)

- Penske truck rental confirmed.
- Advertising predominantly social media and signs.
- Pot Luck Chicken, Cake, 4 ice chests with ice, Andy will be bringing some wonderful "side" dish.
- There will be a coffee maker and donuts for those setting up and Jane will be bringing sandwiches for set up crew, as well.
- We will revisit possibility of raising price for attendees to participate in the Geode Cracking, but will not raise for this show.
- Randy raised the question of overnight security. Larry commented that there was none scheduled at this time. Mickee Madden commented that she would ask her security guard grandson (?) if he would consider staying on the Friday and Saturday nights.

Meeting adjourned at 8:06 p.m.

Respectfully Submitted, Debbie Muller, Secretary

## Can You Believe It? Lakeside T-Shirts Are Still On Sale!

Do you have a Lakeside Gem & Mineral Club T-shirt yet? They would be great to wear during the coming April Show! It also helps to advertise our club and could deter would-be shoplifters. The T-shirts are available in a variety of adult and children's sizes. If you already have one why not buy another so you'll have a spare. T-shirts are now only \$5.00 each. See Larry Hulstrom at the next meeting to snag one.

# **Membership List Updates:**

The Membership Coordinator is updating the membership list from which members receive the Geode each month. If you don't receive the Geode, please send an email to Membership Coordinator Lisa Nolan at: <a href="mailto:tikaboo0425@gmail.com">tikaboo0425@gmail.com</a> to confirm your email address.

# Time to Step Up! The Club Needs Your Help.

The Board has several open positions that need to be filled. Members are needed to help assure the continuity of these services. Contact a Board member if you're interested in helping the club.

- · Grit and Saw Oil Contact,
- · Program Director, and
- Social Media Guru (unofficial).

# Are You Holding any Club-owned Items?

The Club is conducting a wall-to-wall inventory. Anyone holding materials for the club, regardless of what they may be, is asked to contact the Treasurer, Sally Lyon, to be sure the items being held are captured in the inventory. Sally can be contacted at: slyon5059@gmail.com.

### Classifieds

Mike Zinski's workshop is available for lapidary arts. Contact Mike at: gemmakermz@cs.com.

**Rock Saw Oil and Tumbling Grit** is available to Club members.

<u>Saw Oil purchasing information</u>: Oil is \$12 per gallon and is available in 5-gallon containers or you can bring your own container. You must be a club member to purchase saw oil. See Membership form link below.

<u>Tumbling Grit</u> is available through Mickee Madden and is sold in 2 pound bags only. Please have exact change at pick-up. Club members can contact Mickee at 509-438-5798.

80/90 grit \$5.50
220 grit \$6.80
600 grit \$8.50

Cerium oxide polish powder \$18.40

NOTE: For every ten pounds of tumbled rock you donate to the club, you receive a 2-pound bag of 80/90 grit or 220 grit. Please, no river rock. Thank you.

# Club Membership forms are available online at:

https://www.lakesidegemandmineralclub.com/officers---new-members-info.html

#### Is it a Limb Cast or a Limb Section?

Many people call a petrified wood specimen by either name, not realizing that there is a difference. Here's a simple way to tell the difference.

A <u>Limb Cast</u> occurs when a limb has decayed or was destroyed and deteriorated, the resulting void then fills with either a silicon-rich fluid or liquid calcium carbonate and solidifies in the form of the original limb. A Limb Cast only shows the outer shape of the limb.

A <u>Limb Section</u> is a section of a limb that has been either opalized or agatized by slow replacement: in other words, petrified. A Limb Section will usually show the original growth ring pattern of the wood.

For more information, see https://www.geologyin.com/2024/02/limb-cast-from-wood-to-opal-agate-gems.html

### Lakeside Gem and Mineral Club Officers and Committee Chairs

Officers Email: lakesidegemandmineral@yahoo.com

President	Patrick Donohue	Director	Wayne Larson
Vice-President	Peter Kovich	Director	Jane Moore
Secretary	Debbie Muller	Federation Rep.	Larry Hulstrom
Treasurer	Sally Lyon	Junior Club Lead.	Pauline Schafer
Past President	Chris Sorensen	Bulletin Editor	Randy LaBarge
Program Director	Vacant	Librarian	Walther Rohlfing
Membership	Lisa Noland	Webmaster	Kevin Fiedler
Sunshine	Sally Lyon	Historian	Mickee Madden

By-Laws specify two year elected terms for Board Members, beginning in November. President, Vice-President ad One Director begin terms in even numbered years. Secretary, Treasurer, and a Second Director begin terms in odd numbered years. The Federation Representative, Junior Club Leader, Bulletin Editor and Committee Chairs are Board-approved volunteers. By-laws can be found at: <a href="https://www.lakesidegemandmineral.com">www.lakesidegemandmineral.com</a>.

# **Rockhound Legislative Advocate**

When notified by the AFMS, the NFMS, ALAA or club members about legislative issues that will affect rockhounding activities, we will forward that information to club members via email lists.



#### Club Affiliations:

American Federation of Mineralogical Societies (AFMS) Northwest Federation of Mineralogical Societies (NFMS) American Lands Access Association (ALAA) http://www.amfed.org http://www.amfed.org/nfms http://www.amlands.org







Member: Tri-Cities Visitor and Convention Bureau

# THE GEODE

Volume 176 Issue 3 March 2024



LAKESIDE GEM AND MINERAL CLUB, INC. PO Box 6652 Kennewick, WA. 99336-0603