



# THE GEODE

Lakeside Gem and Mineral Club, Inc. (LGMC)

Web Site: [www.lakesidegemandmineralclub.com](http://www.lakesidegemandmineralclub.com)

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Instagram: lakesidegemandmineral

Volume 161 Issue 06

July 2022

**Club purpose:** Promote activities of mutual interest for collecting and displaying of gems and minerals.

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

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## GEODE Submission Deadline:

19<sup>th</sup> of the month for member articles & photos

E-mail: [lakesidegemandmineral@yahoo.com](mailto:lakesidegemandmineral@yahoo.com)

**Membership:** Please pay at meetings or mail in.

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**Update your email address on your Membership Application so that you don't miss out on Club Communications.**

## Club Meetings

Seventh Day Adventist Church, 7105 W 10th Ave, Kennewick

General Meeting starts at 7:00pm.

**July, 2022**

No Meeting

**August 3, 2022**

Stump the Chump

**August 23 – 27, 2022**

Fair Booth Volunteering

**September 18, 2022 (tentative)**

Picnic & Auction

## Message from the President

Hello fellow rockhounds!

As this summer progresses please consider volunteering to help our rock club.

We have need of volunteers:

- to help the junior rock club (assist or lead)
- provide refreshment planning (find others to bring refreshments)
- become a board member
- hold and or distribute door prizes for our meetings
- assist at our activities such as the fair or show
- plan or provide display materials at the REACH or show or fair
- lead/organize field trips or class activities.

Please help support our group by offering some of your time to keep the club thriving.

Chris Sorensen (President)

## Minutes – Club Meeting, June 1, 2022

Chris called the meeting to order at 7:00 p.m.

- Welcome visitors Sue, Josh, Jaylene, Teri, Russ, Diane and Liesel.
- There will be no meeting in July.
- A huge thank you to everyone who helped with, or were able to, attend the 2022 show.

### Old Business

- Larry asked for everyone's thoughts on what worked or didn't work for the show. It was overwhelmingly felt that we should try to secure the same building for next year. Larry will work with the fairgrounds regarding our current contract, as well as determine what dates they have open for building 2.
- We also need to address the state of our display cases, and skirting issues that became apparent during setup. The Board will discuss these issues and formulate a plan.

### New Business

- Larry asked for members' opinions on participating in the Benton/Franklin County Fair this year. The fair is August 23 thru the 27<sup>th</sup>, and we traditionally host a booth every day from 10:00 a.m. to 10:00 p.m. It was felt that the community looked forward to the fair, and many people mention that they have visited our booth for years. Once again, we will need volunteers to help with load out from the storage units, set up, filling 6 cases, manning the booth for 3 hour shifts every day and teardown on Sunday the 28<sup>th</sup>. The fair is another way to gain exposure for the club, as well as a source of revenue. Larry will begin working on the fair contract.
- The picnic and auction are tentatively set for Sunday, September 18<sup>th</sup> at the Grange Park on Kellogg. Set up starts at 10:00, the club will provide chicken and drinks, and the auction will begin around 1:00. Please bring a salad or desert to share, and any rock related items you would like to sell.
- Marty volunteered to provide a display for our case at The Reach in July.

Program: Tailgating Swap and Sale

The meeting adjourned at 8:30 p.m.

Respectfully Submitted  
Sally Lyon, Secretary

## **Minutes – Board Meeting, June 20, 2022**

Present: (Board Members) Peter Kovich, Patrick Donohue, Wayne Larson, Larry Hulstrom, Jane Moore, Caroline Bowdish, Sally Lyon, (Members) Marty Casto and Jerry Sorensen.

Peter called the meeting to order at 6:36 p.m.

### **Board Meeting**

#### **Old Business**

- Larry has talked with the fairgrounds and determined that our current contract is good for 2 more years. We can reserve building 2 next year at the same price we paid this year. The Board discussed dates that the building is available in 2023. The motion was made and passed that the 2023 show will be held in building 2 on April 29 and 30. It was felt that the schedule we used for loadout/setup this year worked well and we will plan for the same next year.
- The fair is August 23 thru 27. Discussion on manning our booth. Currently we need volunteers for 3 hour shifts from 10:00 a.m. to 10:00 p.m. every day. Would a longer 4-hour shift be better, that would cut down on the number of shifts per day? It was felt that 4 hours are too long to be sitting in the booth. Also, should we raise the price on grab bags? The motion was made and passed to raise the price per grab bag from \$2.00 to \$3.00.
- Our picnic is tentatively scheduled for Sunday, September 18. Jane volunteered to order/ pick up the chicken for lunch.

#### **New Business**

- Larry will get with Judi to draft a letter of interest to be sent to dealers for the 2023 show.
- Rosann Ferris brought it to the Board's attention that table skirting was an issue at the show this year as sizes marked on the individual skirts were incorrect. She offered to host a small work party of 2 to 4 people to spread out, measure and re-mark each skirt. We also need to purchase new plastic tubs as the old tubs are breaking apart. The Board agreed, and will work with Rosann on the timeframe, possibly in September during cooler temperatures.
- It was determined that display case lighting will be replaced/refitted as old lighting fails.
- Larry found out that we are allowed to hang signs identifying the dealer behind each booth at the show.
- We need new straps to secure display cases during storage. The motion was made and passed for Larry to order strap sets that come 16 to a pack and are 6.5 feet long at a cost of \$23.59 per set. He will order 2 sets.
- Discussion on cleaning out the storage unit with a fall work party. More to come on these arrangements.
- Wayne has an appointment to meet with the Carpenters Union regarding having a few cases built to replace our old and broken ones. He will work out prices per case and update the Board.
- Wayne also talked with the Kennewick City Hall regarding the Club possibly benefitting from the hotel/motel tax. We are a non-profit organization that provides public services of school lectures, displays at The Reach and organizing our show that all benefit the community. He will update the Board on his findings.
- Larry is set to meet with the church to sign a new contract. There are no changes to the old contract. The motion was made and passed to have Larry sign the church contract.
- The Club needs a volunteer to handle door prizes.
- We also need a new refreshment coordinator.
- Elections are coming up. Jane volunteered to head the nominating committee and will need 1 or 2 people to help out. Peter Kovich volunteered to stay on as Vice President, so we will need to elect a new President and Director.
- Wayne would like to arrange field trips to the Polka Dot Mine and Saddle Mountain in the early fall. We will talk more about this during the August meeting.

No meeting in July. August 3 meeting program: Stump the Chump. Bring in a rock specimen for our gifted rockhounds to help identify (or puzzle over).

The meeting adjourned at 8:30 p.m.

Respectfully Submitted,  
Sally Lyon, Secretary

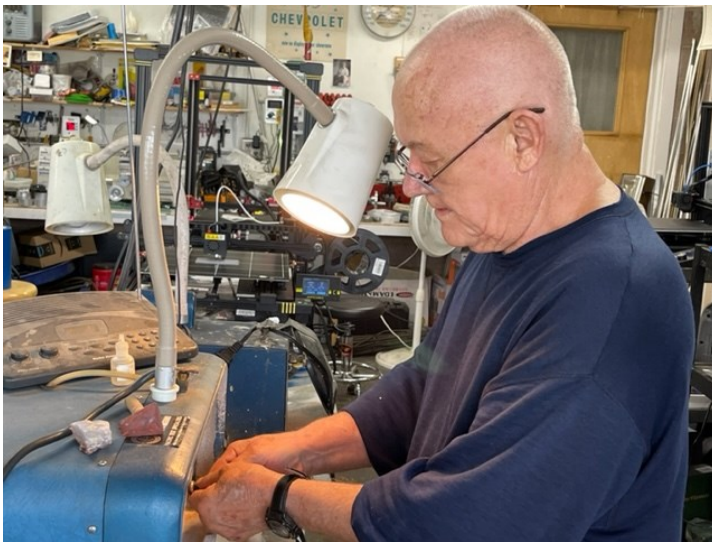
**Minutes – Junior Club Meeting, June 11 & 12, 2022**

On June 11th and 12th some junior rock club members went to Mike Zinski's to cut thundereggs from Richardson's Rock ranch. Here are pictures of Mike and a few junior members with a rock they picked. Members who signed up and attended were Ryan, Cinda, Martin, Ahziah, Azi and Arthur.

Mike showed some of his activities in his workshop including a 3D printer in action, his faceting setup and his many faceted stones. Jerry Sorensen cut thundereggs using the equipment in the shop and juniors were able to see how different the cut rock looked. The thundereggs were collected and donated to the junior rock club from Don Snyder.

Thank you to all of the members who made this a fun activity for adults and junior members!

Chris Sorensen



## Lakeside at the Benton Franklin County Fair

The Benton Franklin County Fair is August 23 – 27, 2022. Since we are not meeting again until August 3 we are asking for volunteers to work at the Club booth during that week. We need two people in each of the 20 slots available or a total of 40 names. We are sending out an email with a roster to complete online. If you don't do email but want to sign up please call me (509-) with your available date and times desired so I can see if it is still open. Leave me a message since I don't always pick up numbers I don't know. You will be responsible for selling grab bags and other miscellaneous items, and for talking to people that stop by and ask about our club. This is one of two ways that we get to interact with people to let them know about our club, so it is an important way you can contribute to the club.

We also need volunteers to help with the setup (Sunday 8/21) and teardown (Sunday 8/28). Both of these are easy jobs that are usually completed by noon. If you can help please email or call me to let me know.

We are also in need of people to fill six display cases. The cases need to be filled before 9PM on Monday, August 22 and materials removed before 9:00 am on Sunday, August 28. Leave your packing box and paper under the display. (There will be no security on Sunday afternoon or night.) Again, email or call me if you would be willing to put in a case.

Larry Hulstrom

## Junior Rock Report – Cinda Boyd

Hi! I'm back and this month I'm going to be writing about Carborundum. Carborundum has a crystal structure like that of a diamond and is almost as hard. It is used as an abrasive for cutting, grinding and polishing.

Carborundum is a trademark for silicon carbide, an inorganic compound discovered by E.G Acheson; he received a patent on it in 1893 (Encyclopedia Britannica). Carborundum was originally sold as natural "rainbow hematite", but it is not natural. It is increasingly being known correctly as Carborundum but is a manmade silicon carbide. It is sand and Carbon super-heated and as it cools the crystals form.

The chemical formula of Silicon carbide, which is also known as Carborundum, is SiC. It's produced by the carbothermal reduction of silica to form an Ultra-hard covalently bonded material. It is extremely rare in nature but can be found in the mineral moissanite, which was first discovered in Arizona in 1893.

## Junior Rock Report - Arthur Hagge

Silicon-carbide (SiC) has a wide range of interesting characteristics. SiC has two main forms: carborundum, a black, iridescent, irregular-shaped mineral; and moissanite, a diamond-like colorless mineral. Edward Acheson discovered SiC in 1891 while he was trying to create synthetic diamond. SiC used today is usually created in a lab, but it can occasionally be found in meteorites. It has a hardness of nearly diamond and a unique hexagonal crystal structure making it an ideal substitution for diamond in many instances. Additionally, its high temperature resistance and semiconductivity makes it an ideal substitute for other semiconductors in use right now. SiC is even insoluble in water, acid, alcohol, and most other liquids. Therefore, SiC has many useful properties and characteristics.

Because of all of its unique properties, SiC is used in many applications. One use for SiC is as abrasives like sandpaper. In its moissanite form, SiC is very common in jewelry as a substitute for diamond. Because it's a semiconductor, SiC is used in many high heat electrical applications, such as LEDs. Even farther than that, with its high hardness it's sometimes used in cutting equipment like rock saws. For the same reason, it's used in some kinds of tank armor and bullet-proof vests. It also has an incredibly high heat resistance, that paired with its hardness allows it to be used in industrial furnaces, heating elements, and even rocket engines. SiC is a very useful mineral.

## Classifieds

**Mike Zinski's Workshop** for lapidary arts:

**Rock Saw Oil and Grit:** Please have exact change and contact for pickup:  
Mickee Madden -.

### **Saw oil purchasing information:**

- Must be a LSGM club member to purchase saw oil.
  - Membership forms are available if you need to join.
- Oil \$12 per gallon.  
Available in 5-gallon buckets, or bring your own containers

### **Tumbling grit all sold in 2# bags only:**

- 80 grit: \$5.00 for 2# bag
- 220 grit: \$5.50 for 2#bag
- 600 grit: \$7.00 for 2# bag.
- Cerium Oxide Polish Powder: \$23.00 for 2# bag.
- For every 10 lbs. of tumbled rock you donate (no river rock), get 2 lbs. of 60/90 or 220 grit free.

## **Selling Items at Club Shows, Auctions and Other Club Related Activities**

Items that could be sold at club shows, auctions and other club related activities:

- Rocks, Minerals, Fossils (specimens, rough).
- Lapidary and carving rough and associated equipment and supplies.
- Rockhounding equipment and supplies.
- Faceting rough and associated equipment and supplies.
- Gold Panning/Metal Detecting equipment and supplies.
- Flint Knapping equipment and supplies.
- Jewelry equipment and supplies.
- Magazines, books, DVDs, CDs, associated with any of the above items/topics.

In short, the items you sell **must be directly related to minerals, rocks, and fossils or jewelry.** Please remember what we sell reflects upon our club and tells the public what we are about!



Officers E-mail: [lakesidegemandmineral@yahoo.com](mailto:lakesidegemandmineral@yahoo.com)

President	Chris Sorensen	Director	Patrick Donohue
Vice President	Peter Kovich	Director	Jane Moore
Secretary	Sally Lyon	Fed. Rep.	Larry Hulstrom
Treasurer	Caroline Bowdish	Jr Club Leader	Pauline Schafer
Past President	Bill Hamel	Bulletin Editor	Patty DeForest

Phone numbers are all Area Code 509. By-Laws specify two year elected terms of office for Board Members, beginning in November. President, Vice President and one Director begin in even numbered years. Secretary, Treasurer and one Director (\*) begin in odd numbered years. Federation Representative, Junior Club Leader, Bulletin Editor and Committee Chairs are Board-approved volunteers. By-Laws at [www.lakesidegemandmineralclub.com](http://www.lakesidegemandmineralclub.com)

**Other Contact Info:**

Program Director: Duke Rauh  
 Librarian: Walther Rohlfing  
 Membership Coordinator: Kathy Larson  
 Refreshments: Rhea Bowerly  
 Historian: Mickee Madden  
 Sunshine Chairman: Sally Lyon

**Rockhound Legislative Advocate**

When notified by the AFMS, the NFMS, ALAA or club members about legislative issues that will affect rockhounding activities, 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

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