



# THE GEODE

Lakeside Gem and Mineral Club, Inc. (LGMC)

www.lakesidegemandmineralclub.com E-mail: lakesidegemandmineralclub@yahoo.com

Volume 87, Issue 9

September 2015

**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

## September Meetings

**Club: Wednesday Sept. 5, 2015**– 6:30 social, 7:00 p.m. meeting.

**Board: Sept. 14<sup>th</sup>**– 6:30

Seventh Day Adventist Church, 7305 W 10<sup>th</sup> Ave.,  
Kennewick

**Junior Club meets Sept. 8, 2015** -- 6:30 pm; Banner  
Bank, 203 W 1st Ave., Kennewick

Junior Club Leader Thora Trumbo (509) 582-4297

## GEODE Submission Deadlines:

- 19<sup>th</sup> – member articles & photos
- Day after Board mtg. - officer & committee contributions

E-mail them to

**mickeemadden@charter.net**

or call (509) 438-5798 to make other arrangements

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## September Program

Have you ever cut into a rock and found something totally unexpected? Maybe it was something different, something strange, something weird or something wonderful?

Please bring it to our rock club meeting in September and share it with us.

## In Remembrance

**Delbert Griffin**, long time Lakeside friend and member of the Hatrockhounds and Oregon Trail Gem & Mineral Society, passed away on July 20, 2015. Many of you will remember Delbert, at rock shows, with his scooter and ride-along dog. Delbert created many outstanding displays for area gem and mineral shows. Our deepest sympathy goes out to LaVonna and the other members of Delbert's family.

**Chris and Peggy Blickford**

Would like to offer the silversmith class annually on the 3rd weekend of June.

## GEODE Reprint Permission:

Permission to reprint is granted, provided appropriate credit is given to the source.

## Member contact information updates:

Please notify Cindy Guettinger at  
clguettinger@att.net

## Minutes – Club Meeting – August 5, 2015

Club President, Evelyn Cataldo, opened the meeting at 8:20 p.m.

### Secretary's Report

- The motion was made and approved to accept the Secretary's report as written.

- Treasurer's Report Provided by Bert Kaé-Je (not published per historic Board policy).

### General Business

- Bert Kaé-Je reported that turnout for the June silversmith class was good. Bert also mentioned that Peggy and Chris Blickford would like to offer this class annually, the 3rd weekend of June each year.

- Fair: Mickee Madden outlined progress on preparations for the fair

- Nominating Committee: Judy Allison, Kathy Larson and Chris Sorensen are heading the committee. Lavonne LeGare, and Myrene Northy have been nominated for Director. A ballot will be published in September's Geode, with voting during the October general meeting.

### Field Trips:

- September 1 - Club night at the Tri Cities Dust Devils, contact Heather Moon.

**Federation News:** Larry Hulstrom reminded everyone to read their Federation Newsletter.

**Refreshments:** A refreshment coordinator is still needed.

### No old business.

### New business:

- During the September general meeting, there will be discussion and possibly a vote on the Club placing a permanent display at The Reach.

**Bragging Table:** Larry Hulstrom, Myrene Northy, Duane Schock, Steve Shoemaker and Tom Moon brought specimens to show. Rhea Bowerly shared her adventures in hunting for Peridotas.

**Door Prizes:** Six door prizes were given out.

### Congratulations to all the winners!

Next Meeting: Wednesday, September 2, 2015, 6:30 social, 7:00 p.m. Program: Rock Cutting Surprises.

The meeting adjourned at 8:45 pm.

Respectfully Submitted, Sally Lyon, Secretary

## Minutes – Board Meeting – August 19, 2015

**Present:** (Board Members) Evelyn Cataldo, Chris Sorensen, Larry Hulstrom, Marty Casto, Bert Kaé-Je, Wayne Larson, Yvonne Legare, Mickee Madden, Sally Lyon. (Quorum present). (Members) Kathryn Larson, Mary Lou Omstead, Jerry Sorensen

- Chris Sorensen called the meeting to order at 6:35 p.m.

### Old Business:

- Mickee Madden reported that all preparations have been completed for the fair. Information and ticket packets will go out to club volunteers this week.

- Marty Casto will report his research so far into a new setup for the florescent display and microphone system at the September Board meeting.

- Kathy Larson has reserved the gazebo at Keewaydin Park on September 19 for our fall picnic. Setup starts at 10:00 am, the picnic begins at noon, with the auction to follow. The Club will provide drinks and fried chicken. Members are asked to bring a side dish or dessert and chairs.

- Bert Kaé-Je reiterated that Chris and Peggy Blickford would like to offer the silversmith class annually on the 3rd weekend of June.

- Kathy Larson is working on arrangements for the October meeting program featuring Vince from high Desert Gems. Discussion on program topics.

### New Business:

- Mary Lou Omstead has refreshment volunteers for the September and October meetings.

- Club meeting –September 2, 2015, 7:00 p.m. (social at 6:30). Program – Surprising Finds in Cutting Rocks.

The meeting adjourned at 7:30 p.m.

Respectfully Submitted

Sally Lyon, Secretary

## Classifieds

**Rock saw oil.** Max Hatfield - (509) 582-6028

Also Pat and Max will be rock-hounding so saw oil will not be available the last week of August 2015 and the whole month of September 2015. Please purchase ahead of time if you will need some saw oil during that period.

### **Saw oil purchasing information.**

- Location: 26106 South Oak Kennewick WA.
- Phone: 509 582 6028 Home message phone.
- Cost at this time is \$14.00 per gallon. Price could change due to market value.
- Must be a LSGM club member in good standing to purchase saw oil. Membership forms are available at my shop if you need to join.
- Must have your own containers.
- If you call me and set a date and time to purchase saw oil be responsible and show up. To many people do not come on time and some do not even come at all.

**Tumbling grit.** \$2/lb. For every 5 lbs. of tumbled rock you donate, get 1 lb. of grit free. Frank & Mary Lou Omstead - (509) 783-2798

**Wanted:** LGMC member is looking for a 6" Hi-Tech Diamond trim saw in good condition. Please call 509-591-1212

## August 11, 2015 Junior Rock Club Report by Mrs. Trumbo

Due to our use of smelly glue, we elected to meet at the nearby park and not contaminate the indoor air quality of our gracious hosts at Banner Bank. We began with our craft activity to allow everyone time to complete their bird house projects by gluing polished pebbles onto the roof of each child's birdhouse. With 90 degree weather, we were glad to sit at the picnic tables under shade. There were 20 children present and 11 adults.

Guests Madalin, Andrew, Matias and Brithany were welcomed, 2 birthdays were celebrated in song, and gifts of rock to each child were given. Some children visiting from Mexico went home with extra treasures to share with friends across the border.

We discussed the invitation to volunteer at the fair to help the adult club members. We also shared how to store and label rocks in our growing collections at home. Some students only collect small specimens so they keep theirs in egg cartons or small cubby boxes like a fisherman's box or tool box. Others display theirs on shelves or extra large ones in their garden. Regardless of where they are kept, Mrs. Trumbo told us to get each one labeled and cataloged into a file box or binder. Information is then easily copied when it comes time for doing display boxes at the spring Rock Show.

Our next big project at Junior Club is to be wire wrapping, possibly in September if Mrs. Trumbo isn't absent.

Everyone was encouraged to go to the amfed.org website to see what badges they have earned, fill out the simple form and then bring the forms to the next club meeting. You may be very surprised to see how many badges you already qualify to receive!

Sept. 8th will be our next meeting. Be sure to invite your friends and bring your badge forms!



### **Stilbite by Olivia Vance, age 10**

Stilbite is the name of a series of tectosilicate minerals of the zeolite group. The color is usually colorless or white. The hardness is 3 1/2 to 4 and the specific gravity 2.12 to 2.22. The mineral is brittle with a uneven fracture.

Stilbite is an abundant in the volcanic rocks of Iceland, Nova Scotia, northern New Jersey and North Carolina and the reason I like the rock is because it is beautiful and amazingly interesting.



### **Stibnite by Samantha S., age 7**

Stibnite is sometimes called antimonit. Stibnite is a mineral data, information about Stibnite, properties and worldwide.

Stibnite aids transformation and brings a totally new outlook on life. This is a strong stone.



### **Desert Rose Sandstone by Aurora Vance, age 7**

Desert Rose is the name given to rose-like formations of crystal clusters of gypsum or baryte which include abundant sand grains. The averages of rose rocks are anywhere from 1.3 cm to 10 cm in diameter.

The desert rose may also be known by the names sand rose, rose rock, selenite, rose gypsum, rose and barite rose.



### **Apophyllite by Gage Brady, age 7**

The name apophyllite comes from the Greek word apophylliso, meaning "it flakes off". This is because of this class's tendency to flake apart when heated, due to water loss.

Apophyllites are igneous rocks. These minerals are typically found as secondary minerals in vesicles in basalt or other volcanic rocks.

Apophyllites are fairly prevalent around the world, with specimens coming from some of the world's most well-known mineral locations.

Apophyllites are popular as collector's minerals. This is because they are fairly easy to find, their colors are beautiful and they have well-defined crystals. They refract light in obvious rainbows, and can form "natural pyramids" when tumbled.

Apophyllite's hardness is 4.5 to 5. It's colors are: colorless, white, grey, green or brown. Rarely, it can be pink, purple, red or orange.

## Lakeside Gem & Mineral Club Annual Picnic/Auction

**Sept. 19<sup>th</sup> at Keewayden Park, Kennewick.  
10 to 4**

**Set up at:** 10:00 (including anyone bringing items to auction)

**Lunch:** 12:00

**Auction:** 1:30 – 4:00

Club will provide chicken and drinks. Please bring a side-dish for everyone to share.

Please bring a comfortable chair as well. There is some seating in the gazebo.

If you have rock or equipment you would like to donate to the club, please bring it!

We look forward to seeing you there!

### Federation Field Trip September 16 - 20

Four experienced local field trip leaders from the Owyhee area will lead us to several nice locations where we will find burnt wood, colorful wood, moss agate, plume agate, jasper and blue opalized thunder eggs. We will be traveling to Graveyard Point, Succor Creek, Wagon Town, Grassy Mountain and Hoodoo Basin.

Wednesday September 16 is a travel day. Wednesday night will be registration at our central camping location, which will be a large open field on BLM land about two miles north of the Succor Creek State Park in the Succor Creek State Recreation area. The entrance to the recreation area is just east of Homedale ID on highway 19 and can be found on Google maps. There will be signs posted. This will be free dry camping with no shade, no tables, no fire rings, and with portable outhouses. We can fit many vehicles and tents on this site. There are options if you want more comfort. Succor Creek State Park just south has vault toilets, is also free, has shade and tables, but has a limited number of camping sites and is first come. Given Hot Springs, and River Haven RV Park are around 30 miles away and have multiple camping options at different prices. You can also stay at area hotels.

Thursday through Sunday we will run one or two field trips each day. We will meet at 8:00 AM, leave at 8:30AM on Thursday morning at the central camping area. We will post meeting areas for the other days. Thursday night we will have a large potluck at the central camping site. Friday night a rock swap, so bring extra food and swap material. You could also soak in the hot springs one night. You can leave Sunday night or Monday morning.

Bring a variety of hard rock and digging tools along with sun protection. Many of these roads will be rough and require high clearance vehicles and good tires.

Please email [warrenrood@yahoo.com](mailto:warrenrood@yahoo.com) with the number of people in your group and camping option by Sept. 5, so we can plan camping and field trip details. A special thanks to Ithel Kildow from the Owyhee club for his help.

## General rock saw knowledge by: Max L. Hatfield

DIAMETER		CUTTING DEPTH	
6 inches	152 mm	1-3/4 inches	45 mm
8 inches	203 mm	2-1/4 inches	57 mm
9 inches	229 mm	2-3/4 inches	70 mm
10 inches	254 mm	3-1/4 inches	83 mm
12 inches	305 mm	3-3/4 inches	95 mm
14 inches	356 mm	5 inches	127 mm
16 inches	406 mm	5-3/4 inches	146 mm
18 inches	457 mm	6-1/4 inches	159 mm
20 inches	508 mm	7-1/2 inches	190 mm
24 inches	610 mm	9 inches	229 mm
30 inches	762 mm	12 inches	305 mm
36 inches	914 mm	14 inches	356 mm

### Slab Saw Cutting Fluid Information.

Everyone that uses a power feed slab saw you will want to know what kind of cutting fluid to use.

Listed below are some cutting fluids that ***should not be used.***

**UNDER NO CIRCUMSTANCES SHOULD YOU USE ANY OF THE FLUIDS LISTED BELOW.**

- Automotive Antifreeze Coolant.
- Automotive Transmission Fluid
- Water
- CNC Machining Fluid
- Diesel, Heating Oil and Kerosene
- Baby Oil
- Cooking Oil
- Motor Oil

The next slide has a list of some oils that could be used.

### ROCK SAW CUTTING OIL

1. Amber Light Mineral Oil ----- Shell Product
2. Almag -----Shell Product
3. Avatec 80 -----Unknown Producer
4. Bright-Cut ----- Chevron-Texaco product
5. Calube SIOS ----- Arco Product
6. Diala Ax ----- Shell Product
7. Hyvolt ----- Non Shell Distributors
8. Roc Cut (Synthetic water soluble cutting additive) Diamond Pacific
9. Roc-Oil ----- Diamond Pacific
10. RPM Flushing Oil -----Standard Oil Product
11. Superla #5 -----Chevron Oil Product
12. Pella -----Shell Product

# ROCK SAW SAFETY

By Max Hatfield

Some of us do not have new rock saws with factory safety instructions. Listed below some basic safety concerns.

Electric cord and plug in good shape	Blades cutting RPM matches material
Machine is properly grounded.	Blade RPM matches type of blade
Proper switch to turn saw on and off	Correct power feed rate
Provide good lighting	Do not open saw when running
Wear eye protection	Blade stops before opening lid
Provide a well-ventilated cutting area	Clean cutting oil and saw when needed
Wear rubber gloves	Rock is tight in the vice
Train new operators to use properly	<b>DO NOT BREATH OIL VAPORS ( ventilation)</b>
Arbor bearings in good shape	Do not leave saw during the cut
Arbor & blade parallel with vice travel	<b>Auto shut-off for power feed is working</b>
Blade is not bent or damaged	Unplug saw when not in use. (protect children)

**To anyone who volunteered to set up/take down, fill a showcase, or work one of the shifts at our booth at the fair:**

If you have not received your tickets from Mickee Madden by Saturday the 22<sup>nd</sup>, please call her at: 438-5798.

If you have questions or concerns about anything related to our shifts, please call Mickee.

## A ROCKHOUND GATHERING

About 25 Lakeside members got together on Saturday, July 18th at the Cataldo home. There was lots of show and tell, rock identifications, exchanges of information, and hints and tips that took place.

At noon, hot dogs, chips, sodas, watermelon and dessert were provided. Let the officers know if you enjoyed the event and would like to do it again.

On the next page are a few photos that were snapped during the get together.





**LGMC Board of Directors**

Officers E-mail: lakesidegemandmineralclub@yahoo.com

President	Evelyn Cataldo – 628-0170	Director	Wayne Larson – 586-1203
Vice President	Chris Sorensen – 392-1362	Director*	Yvonne Legare – 585-5514
Secretary	Sally Lyon – 947-8443	Federation Representative	Larry Hulstrom – 783-6210
Treasurer	Bert Kaé-Je – 582-3766	Junior Club Leader	Thora Trumbo – 582-4297
Past President	Marty Casto – 628-3509	Bulletin Editor	Mickee Madden – 438-5798

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)

**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. Call Evelyn Cataldo at (509) 628-0170 for details.



**Club Affiliations:**

American Federation of Mineralogical Societies (AFMS) <http://www.amfed.org>

Northwest Federation of Mineralogical Societies (NFMS)

<http://www.amfed.org/nfms>

American Lands Access Association (ALAA)

<http://www.amlands.org>

Member: Tri-Cities Visitor and Convention Bureau



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**LAKESIDE GEM & MINERAL CLUB, INC.**

**PO Box 6652**

**Kennewick, WA 99336-0603**

## Club Officers Election – Absentee Ballot

If you are unable to attend the Oct. 1, 2015 meeting of the Club and wish to show your support by voting in the annual election, please photocopy or cut out this Absentee Ballot. Absentee ballots received by Sept. 30, 2015 will be counted in the election.

Photocopies will be accepted as long as they include an original signature of the LGM Club member.

Limit 1 vote per member.

Thanks for taking the time to vote!

### October 2015 LGMC

#### Election – Absentee Ballot

Please indicate your choice for each office with an x in the box

Photocopies accepted with original signature of the Club member.

**Secretary:** [ ] Sally Lyon  
**Treasurer:** [ ] Bert Kae-Je  
**Director:** [ ] Yvonne LeGare  
[ ] Myrene Northey

Mail for receipt by September 30, 2015 to: Lakeside Gem & Mineral Club  
PO Box 6652, Kennewick, WA 99336-0603  
Attn.: Sally Lyon