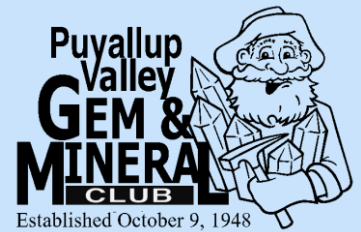


ROCK-A-TEER



Newsletter of the Puyallup Valley Gem & Mineral Club

Jillian Higgins

Issue 71

Volume 124

December

2023

THIS ISSUE

President's Perspective P.2
Field Trip Report P.2
December Club House Schedule P.3
Meet the Member - Nate White P.4
Clubhouse Report, P.4
Membership Renewal P.5
Associations Director Report P.6
Article: Goshenite. P.6-8
Field Trip Recap P.8
Community Supporters & Sunshine Report P.9
Christmas Competition & From the Bench P.10
Local Area Shows P. 11
2023 Show and Tell P.12
2023 Officers and Chairs P.13
Word Search P.14
Happy Birthdays P.14

P.O. BOX 134, PUYALLUP, WA 98371

PVGAMC@GMAIL.COM

WWW.PUYALLUPVALLEYGEMANDMINERAL.CLUB.COM

(253) 987-6751

President's Perspective

Tony Johnson

In reflecting on this past year, I think we can say it was the busiest year we have ever had with the full state fair, two club shows, all the field trips, the campout, meetings, gem fairs and the clubhouse. We had so many members volunteer and it was so appreciated.

I am really grateful to everyone who helped out. No other club can pull off what we have pulled off. The only reason we are able to get these things done is because of all the members who step up and make things happen. I cannot say enough how much I appreciate each and every one of you.

I am thinking that next year will bring the same amount of enthusiasm and activity for our club. The reason we are the biggest club around is because we have so many things we do, and that is thanks to you. I can't wait to see what next year brings.

Field Trip Report

December 09 - Rice Museum

Meeting place - 26385 Northwest Groveland Dr., Hillsboro, OR 97124

Hunting for - Rock pile for children to prospect a specimen, Looking at museum displays

Tools you need - Camera if you would like to take pictures

Access - Wheel chair accessible

Additional items - lunch/snacks and water, water, water. Dress in layers. Well worth the trip with displays of all kinds of minerals from the northwest

January 20 - No Sights due to Weather

Please remember that even though we love to meet new people, fieldtrips are a member benefit and part of your membership dues covers you for injury liability.

Though injuries are rare, and we do everything we can to avoid them, we are going out into nature, and uncontrollable environment.

All individuals attending field trips will have to sign a release of liability, and if you are bringing guests, we will try to entice them into join the club by having Membership applications available.

DECEMBER 2023 CLUB HOUSE SCHEDULE

DATE	DAY	TIME	ACTIVITY	LOCATION	INSTRUCTOR
1	Friday				
2	Saturday	10:00AM-2:00PM	Members Open Access	Club House	Tony Johnson
3	Sunday				
4	Monday	10:00AM-2:00PM	Members Open Access	Club House	Tacha Parker
5	Tuesday	4:00PM-8:00PM	Members Open Access - Beginner	Club House	Renera & Ed
6	Wednesday	10:00AM-2:00PM	Members Open Access	Club House	Dennis Batchelor
		4:00PM-8:00PM	Members Open Access	Club House	Tony Johnson
7	Thursday	4:00PM-8:00PM	Members Open Access	Club House	Tony Johnson
8	Friday				
9	Saturday	10:00AM-2:00PM	Wire Weaving	Club House	Jillian Higgins
		6:00PM	Christmas Party	Fruitland Grange	Tony Johnson
10	Sunday				
11	Monday	10:00AM-2:00PM	Members Open Access	Club House	Tacha Parker
		7:00PM-8:00PM	Opal Club Business Meeting	Club House	Tony Johnson
12	Tuesday	4:00PM-8:00PM	Members Open Access - Beginner	Club House	Renera & Ed
13	Wednesday	10:00AM-2:00PM	Members Open Access	Club House	Dennis Batchelor
		4:00PM-8:00PM	Wire Wrapping	Club House	Tony Johnson
14	Thursday	4:00PM-8:00PM	Members Open Access	Club House	Tony Johnson
15	Friday				
16	Saturday	10:00AM-2:00PM	Rice Museum	Field Trip	Dennis Batchelor
		10:00AM-2:00PM	Members Open Access	Club House	Tony Johnson
17	Sunday				
18	Monday		Holiday - Christmas		
19	Tuesday		Holiday - Christmas		
20	Wednesday		Holiday - Christmas		
21	Thursday		Holiday - Christmas		
22	Friday		Holiday - Christmas		
23	Saturday		Holiday - Christmas		
24	Sunday				
25	Monday		Holiday - New Years		
26	Tuesday		Holiday - New Years		
27	Wednesday		Holiday - New Years		
28	Thursday		Holiday - New Years		
29	Friday		Holiday - New Years		
30	Saturday		Holiday - New Years		
31	Saturday		Holiday - New Years		

For questions about a specific class or event, contact the instructor

Dennis Batchelor (360) 870-8741	Ed Knoll (253) 651-7453	Tony Johnson (253) 863-9238
Tasha Parker (206) 291-8068	Kevin Higgins (253) 579-3404	Glen Ripper (253) 508-7545
Renera Barnes rsb1224@netscape.com	Jillian Higgins (253) 355-3146	Nate White (206) 349-7054

*** **Members Open Access** is the time when members can use the saws and cabbng machines

This schedule is subject to change. Please check the club website for updated information.

MEET THE MEMBERS

Name: **Nathan White**

Favorite Quote: "Do unto others as you would have them do unto you."

What are your skills/past experience with the rock Club or rock hounding?

My skills before joining the club were very basic. Growing up my parents took me rockhounding but we were lucky if we found anything or were able to identify. Now that I've joined the club, I have learned a great deal of skills in all aspects of rockhounding and lapidary. I am learning more all of the time.

What is your favorite rock, mineral or gem?

Moss agate

What is your favorite thing to do with rocks, minerals or gems?

Finding them and imagining all of the possibilities I can do with them – including sharing them with others.

What are your three favorite books/podcasts?

- The Hobbit
- The Book of Lost Things
- Mr. Ballen - podcast

What is your favorite memory surrounding rockhounding/rocks in general?

The first field trip I went on with the club to Red Top. Everyone sharing their finds.

In your opinion, what is the best thing about the Puyallup Valley Gem & Mineral Club?

All of the nice people I've met through the club. Everyone sharing their experience and knowledge.

In your opinion, where/how does the club need to improve?

Possibility a Sunday time at the clubhouse. For those that work and are unable to make it during the week.

Clubhouse report

Tony Johnson

There will be a little bit of maintenance at the clubhouse during the winter break, but not much.

We are going to be making some changes for next year, so keep your eyes on the schedule and information posted in the newsletter. We hope all have a safe and happy break for the holidays.

Puyallup Valley Gem & Mineral Club Membership Renewal

*** PLEASE PRINT LEGIBLY ***

Web Site: <http://puyallupvalleygemandmineralclub.com>

ANNUAL MEMBERSHIP DUES: ▶ Single - \$25.00 ▶ Family (2 or more) - \$30.00

[Dues are due October 1st for the next calendar year and half price beginning July 1st for the current year]

YEAR: **2024**

FOR FAMILY MEMBERSHIPS, ALL INDIVIDUALS MUST LIVE AT THE SAME RESIDENCE

SINGLE RENEWAL

FAMILY RENEWAL

PRINT YOUR FIRST AND LAST NAME:

DATE OF BIRTH:

NOTE ANY CHANGES OF ADDRESS, PHONE, EMAIL, ETC, BELOW. IF SAME AS LAST YEAR, JUST CIRCLE "SAME"
IF YOU CIRCLE "NEW", PLEASE ENTER THE NEW INFORMATION BELOW.

ADDRESS: (CIRCLE ONE) **SAME OR NEW**:

PHONE: (CIRCLE ONE) **SAME OR NEW**:

EMAIL: (CIRCLE ONE) **SAME OR NEW**:

OTHER: (CIRCLE ONE) **SAME OR NEW**:

FOR FAMILY MEMBERSHIP, CONFIRM/NAME OTHER FAMILY MEMBERS BELOW AND CIRCLE 'ADULT' OR 'CHILD' (under 18)

(Circle one) **Adult OR Child**

DATE OF BIRTH:

(Circle one) **Adult OR Child**

DATE OF BIRTH:

(Circle one) **Adult OR Child**

DATE OF BIRTH:

Please let the Membership Chairperson know as soon as any changes occur in the above information!

Names, addresses and phone numbers are provided to the Club Treasurer, Membership Chairperson and Board Members.

>>OTHER THAN THE ABOVE, PVG&MC DOES NOT SHARE YOUR PERSONAL INFORMATION<<

Give this completed form and your payment to the Treasurer or mail to: **PVG&MC, P.O. Box 134, Puyallup, WA 98371**

For Expedited processing mail to: Jillian Higgins c/o PVG&MC, 22509 120th St. Ct. E. Bonney Lake, WA 98391

*** NEVER SEND CASH THROUGH THE MAIL *** **Make checks payable to: PVG&MC** ***

[Upon receipt of this form with payment, a membership card will be created for you and be available by email, or mailed upon request.]

As a member of the Puyallup Valley Gem & Mineral Club, I agree to abide by the rules of the Rock Hounding Code of Ethics, the Standard Operating Procedures, and the BY-LAWS of the Puyallup Valley Gem & Mineral Club.

Member's Signature:

Date:

Official Use Only:

Amount: \$ _____

Membership #: _____

Cash

Check [# _____]

Card Issue Date: ____/____/____

Credit Card

Roster Entry Date: ____/____/____

Receiver's Initials: _____

Email Date: ____/____/____

Created by Universal Document Converter

Revised September 4, 2021

Associations Director Report

Hello all, I hope all is well and your Thanksgiving was enjoyable. I would like to take a moment to be thankful for all the wonderful people that are members of our club. Especially those of you that help keep this club running smoothly.

There is a bill I'm keeping an eye on. It is H.R. 5660: Chuckwalla National Monument Establishment and Joshua Tree National Park Expansion Act of 2023. Introduced by Congressman Raul Ruiz (D-CA) on September 21, 2023. As it stands recreational rockhounding will still be allowed in areas like the Houser Beds and Wiley Wells if they are part of the newly formed Chuckwalla National Monument. If it is swallowed up by Joshua Tree National Park all those activities will no longer be allowed. As of now it hasn't gone to committee and has a 3% chance of being enacted. To learn more about this go to <https://www.govtrack.us/congress/bills/118/hr5660> .

Respectfully submitted by,
Mark Baumann
Associations Director

Goshenite

The colorless variety of the mineral beryl.

Author: [Hobart M. King](#), PhD, GIA Graduate Gemologist



Faceted Goshenite: This specimen displays the excellent clarity and transparency that are frequently seen in goshenite. The gem is from Brazil and weighs 1.88 carats. Image by DonGuennie, used here under a Creative Commons license.

Goshenite, also known as white beryl, is the colorless to near-colorless variety of [beryl](#). It is named after Goshen, [Massachusetts](#), a community near one of the first deposits found in the [United States](#).

Goshenite is often found as colorless to near-colorless, hexagonal crystals with exceptional

clarity. It is also found as water-worn pebbles in alluvial deposits.

Unlike [emerald](#) and [aquamarine](#), goshenite has not become popular in the jewelry industry. There are two likely reasons for this: 1) goshenite's lack of color does not attract people like the green of emerald and the blue of aquamarine; and, 2) goshenite does not have a level of brilliance, luster, or fire that enables it to compete as a colorless gem against alternatives that include [diamond](#), colorless [sapphire](#), and colorless [topaz](#). As a result, goshenite is seldom seen in jewelry, and few jewelry shoppers have heard of it.

Exceptional crystals of goshenite are desired by [mineral](#) collectors. Nice faceted gems are desired by gem collectors. In both situations goshenite completes a beryl collection that includes aquamarine, emerald, [green beryl](#), [heliodor](#), [maxixe](#), [morganite](#), and [red beryl](#). Many of the people who buy goshenite are building a mineral or gem collection that includes at least one specimen of each color variety of beryl.

Goshenite Crystal: A crystal of beryl (goshenite) with albite, cleavelandite and quartz. Collected from the Chamachhu Pegmatites, Haramosh Mountains, Pakistan. Photograph by Parent Géry, displayed here under a Creative Commons license.



Most gem-quality goshenite crystals form in cavities below Earth's surface, on the fringes of a granitic [magma body](#) in its late stages of crystallization. The cavities provide open space for the uninterrupted growth of crystals. The late-stage timing is when beryllium-rich fluids are exiting the magma body. An abundant supply of [beryllium](#) is needed to form goshenite, a variety of beryl, a beryllium-rich mineral.

[Metamorphic rocks](#) are another host of goshenite. Good crystals are sometimes found in, or adjacent to, fractures mineralized by hydrothermal activity. Small quantities are sometimes found in the mica [schists](#) of [convergent plate boundaries](#).

If rocks containing goshenite are exposed by erosion and weathering, the exceptional hardness of goshenite (7.5 to 8 on the [Mohs hardness scale](#)), along with its resistance to weathering, will enable it to persist in overlying soils and stream sediments. Much gem-quality goshenite is found as waterworn pebbles in stream sediments. Its presence there suggests that a primary deposit is located upstream.

Physical Properties of Goshenite

Chemical Classification	Silicate
Color	Colorless
Streak	Colorless (harder than the streak plate)
Luster	Vitreous
Diaphaneity	Translucent to transparent
Cleavage	Imperfect
Mohs Hardness	7.5 to 8
Specific Gravity	2.6 to 2.8
Diagnostic Properties	Crystals are prismatic, often with flat terminations, hexagonal, and without striations. Hardness and relatively low specific gravity.
Chemical Composition	$\text{Be}_3\text{Al}_2\text{Si}_6\text{O}_{18}$
Crystal System	Hexagonal (often occurs in prismatic to tabular crystals with a hexagonal cross section)

Uses Most goshenite is purchased by people who collect minerals and gemstones. It is rarely used in jewelry because it lacks an interesting color. It also does not compete well against other colorless stones such as diamond, topaz and white sapphire because of its lower hardness, luster, brilliance and fire.

Important sources of goshenite include the state of Minas Gerais, [Brazil](#); the Ural Mountains of [Russia](#); areas near Dassu, [Pakistan](#); and, areas near Ampangabe, [Madagascar](#).

In the United States, goshenite has been found in many locations. Important sources are the pegmatites of New England, the pegmatites of southern [California](#), and numerous locations in the granite pegmatites of the Rocky Mountains.

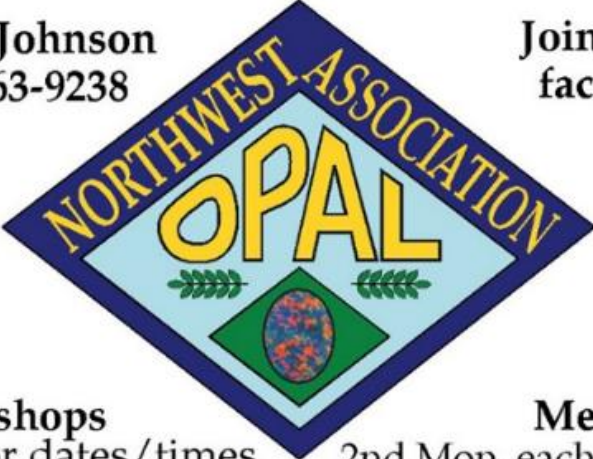
Small mines that produce goshenite (along with other minerals) and goshenite occurrences are scattered across the world. The most comprehensive list and map of these can be found at mindat.org. [1]

Goshenite has four properties that made it attractive to some of Europe's early lens makers: 1) it is colorless, 2) it has exceptional clarity, 3) it is found in large crystals, and, 4) it has exceptional hardness. With a Mohs hardness of 7.5 to 8, goshenite was the material used in the earliest scratch-resistant lenses.

In the Middle Ages, goshenite crystals were cut and polished into lenses for [hand magnifiers](#), telescopes, and some of the earliest eyeglasses. Its hardness was superior to the much more abundant [quartz](#) crystals. It was harder than any commonly encountered object that might scratch it. The German name "brille", used for spectacles, may have been derived from beryll, the German name for beryl. [2]

Tony Johnson
253-863-9238

**Join us on
facebook**



Workshops
call for dates/times

Meetings
2nd Mon. each month

Field Trip Recap

Nate White

Field trip to twin Rivers the day started out a little cold, but wasn't as cold as last year. There was 13 people total that was able to make it out. Everyone was able to find some clams, some snails and concretions. One of the members looked like she had found a whale bone fossil. It turned out to be a beautiful day with a beautiful scene of the ocean.

COMMUNITY SUPPORTERS



South Hill RV Sales

Offering the highest rated starter, midline, and high end towables and RV's at the lowest prices which has made us a top volume dealer in Washington state.

12414 Meridian East, Puyallup 98373
253-435-7751 or 866-435-7751
www.southhillrv.com



Rice Museum of Rocks & Minerals

To engage, inspire, and educate generations on the splendor and complexity of our Earth.

26385 NW Groveland Dr., Hillsboro, OR 97124
503-647-2418
Info@ricenorthwestmuseum.org
www.ricenorthwestmuseum.org

H & I Lapidary

Amber, Jewelry, Beads, Findings, Gemstones, Slabs, Rough Material, Fossils, and Aussie items.

Mike and LaVon Siperek
(253) 531-7294
4203 E 99th Street, Tacoma, WA 98446
Yankees_Diesel@comcast.net

SUNSHINE REPORT

With everything going on, we have started meeting again, but our attendance at the meetings is still low as members are staying safe. As a group we need to bring to eachother's attention members who need healing thoughts or prayer sent their way.

If you know of anyone else who needs to be recognized in next months Sunshine Report , please email or call Tony Johnson at ynotopals@outlook.com (253) 863-9238

Our holiday potluck and gift exchange / party is approaching! The date is Saturday, December 10th 2022. We would like to take the opportunity to show off all things Lapidary made in the last year, by you, with some healthy competition!

There are three categories that you can enter.

- Jewelry: Silversmithing, Wire Wrap, Beading (around cabs), etc.
- Lapidary: Intarsia, Polished Cabs, Polished Slabs, etc.
- Misc. Ornaments, Gem Tree's, Carved Stone, etc.

There will be a sign in sheet and designated area for you to place your anonymous work for judging by the Club Members present that night.

Please remember: Only one entry per category and please do not put your name on the entry.

Prizes are Certificates that can be used dollar for dollar at the April 2023 Auction or to purchase Raffle tickets at the 2023 Club Show. Prize amounts are as follows for each category;

- First place prizes @ \$10.00 each
- Second place prizes @ \$5.00 each
- Third place prizes @ \$1.00 each

FROM THE BENCH

Helpers for holding pieces during soldering

A standard piece of any metalsmiths gear is a third hand, which helps hold your pieces together while soldering. Though extremely helpful, a third hand isn't always for a particular job. I have two alternatives that I hope you will look into.

First, is soldering clay. This can be found all over the jewelry making world and I personally think it's amazing when you are trying to solder multiple pieces in anything other than a straight or flat line. Take prong setting a ring. Soldering clay can hold many pieces together and either a convex or concave shape and once fired, you can either slip the piece off the clay (once it has cooled) or drop it in water and watch it instantly dissolve.

The second alternative are soldering rings. These rings of hardened material come in many sizes and shapes and can be used to hold metal scraps or deliberately cut pieces in the shape or a circle, square, oval, etc so that as you heat and fuse them together, they don't flow out of the intended shape.

Local Area Shows for 2023/24

DATE & TIME	CLUB	SHOW	LOCATION
October 2023 29th 9am - 4:30pm 30th 9am—4:30pm	Parksville & Courtenay Gem & Mineral Clubs	Annual show	Qualicum Beach Civic Centre 747 Jones St Qualicum Beach, BC
November 2023 4th 10am - 5pm 5th 10am - 5pm	Delta Rockhound Gem & Mineral Club	Annual show	South Delta Rec Centre 1720 - 56 Street (Tsawwassen) Delta, BC
November 2023 11th 9am - 5pm 12th 10am - 4pm	Skagit Rock & Gem Club	Treasures of the Earth	Sedro Woolley Community Center 703 Pacific St Sedro Woolley WA 98284
November 2023 17th 1pm - 6pm 18th 10am - 5pm 19th 10am - 3pm	Abbotsford Rock & Gem Club	Annual show	Matsqui Community Hall, 33676 St. Olaf St. Abbotsford BC
November 2023 18th 9am - 4:30pm 19th 9am - 4:30pm	Parksville & Courtenay Gem & Mineral Clubs	Annual show	Qualicum Beach Civic Centre 747 Jones St. Qualicum Beach, BC
November 2023 18th 10am - 5pm 19th 10am - 5pm	Kitsap Mineral and Gem Society	Fall Festival of Gems	The President's Hall 1200 NW Fairgrounds Road Bremerton, WA
February 2024 10th 9am—5pm 11th 9am—5pm	Whidbey Island Gem Club	Annual Gem Show	Oak Harbor Senior Center 51 SE Jerome St. Oak Harbor WA
February 2024 23rd 9am—5:50pm 24th 9am—5:50pm 25th 9am—5pm	Oregon Agate & Mineral Society	73rd Annual show	Oregon Museum of Science and Industry (OMSI) 1945 SE Water Ave. Portland, OR
March 2024 2nd 10am - 6pm 3rd 10am - 5pm	East KingCo Club	Annual Rock and Gem Show	Pickering Barn 1730 10th Ave NW Issaquah, WA
March 2024 23rd 10am—5pm 24th 10am - 5pm	SE Idaho Gems & Mineral Society (SEIGMS)	Annual Rock and Gem Show \$3, 12 & under free/adult	Bannock County Fairgrounds 10588 Fairground Dr. Pocatello ID 83201
April 2024 20th 10am - 5pm 21st 10am - 4pm	Lakeside Gem & Mineral Club	27th Annual Rock & Mineral Show \$5 adults, 12 & under free	Benton Franklin County Fairgrounds Building 2, 1500 S. Oak Kennewick, WA
April 2024 27th 10am - 5pm 28th 10am - 5pm	West Seattle Rock Club	56th Annual Rock Show	Alki Masonic Temple 4736 40th Ave. SW. Seattle, WA
May 2024 4th 10am—5pm 5th 10am—5pm	Everett Rock and Gem Club	69th Annual show	Evergreen State Fairgrounds 18359 Cascade View Drive Monroe, WA.
May 2024 4th 9am—5pm 5th 10am—4pm	Umpqua Gem & Mineral Club	52nd Annual Show “One More Rock”	Douglas County Fairgrounds 2110 Frear Ave, I-5 Exit 123 Roseburg, OR
May 2024 10th 10am - 6pm 11th 10am - 5pm 12th 10am - 4pm	Hatrockhounds Gem & Mineral Society Host 2024 NFMS	\$5/ \$12 for all 3 days Natures Treasures Underfoot	Eastern Oregon Trade & Event Center 1705 East Airport Road Hermiston OR
June 2024 14th 10am—5pm 15th 9am—5pm 16th 10am—4pm	Lower Umpqua Gem & Lapidary Society	Annual Rock and Gem Show	Reedsport Community Building 451 Winchester Avenue Reedsport OR

2023 SHOW & TELL THEMES and PROGRAM NIGHT EVENTS

MEETING	DATE	SHOW & TELL THEME	PROGRAM NIGHT EVENT
January - 1st Meeting	January 13, 2023	Rocks & Their Uses or any field trip finds	
January - 2nd Meeting	January 27, 2023	Fortification or any field trip finds	TBD
February - 1st Meeting	February 10, 2023	Copper Related or any field trip finds	
February - 2nd Meeting	February 24, 2023	Hearts Made of Stone or any field trip finds	Carl Carlson
March - 1st Meeting	March 10, 2023	Quartz/Phantom Crystals or any field trip finds	
March - 2nd Meeting	March 24, 2023	Thundereggs, Geodes & Nodules any field trip finds	Jerry's Rock Shop
April - 1st Meeting	April 14, 2023	Wired-Up (Anything with wire) or any field trip finds	
April - 2nd Meeting	April 28, 2023	No Show & Tell	Auction/Potluck
May - 1st Meeting	May 12, 2023	Rocks Only a Mother Could Love or any field trip finds	
May - 2nd Meeting	May 26, 2023	No Show & Tell	Mineral Council
June - 1st Meeting	June 9, 2023	Lace Agates or any field trip finds	
June - 2nd Meeting	June 23, 2023	No Show & Tell	Tailgate Party @ Grange Parking Lot
July - 1st Meeting	July 14, 2023	Red, White, & Blue or any field trip finds	
July - 2nd Meeting	July 28, 2023	No Show & Tell	Jerry's Rock Shop
August - 1st Meeting	August 11, 2023	Carnelians or any field trip finds	
August - 2nd Meeting	August 25, 2023	No Show & Tell	Picnic & Tailgate Party at club house on Saturday
September - 1st Meeting	September 8, 2023	Your Choice or any field trip finds	
September - 2nd Meeting	September 22, 2023	No Show & Tell	Mini Demonstration Day
October - 1st Meeting	October 13, 2023	Jasper or any field trip finds	
October - 2nd Meeting	October 27, 2023	No Show & Tell	Auction/Potluck
November - 1st Meeting	November 10, 2023	Opals or any field trip finds	
November - 2nd Meeting	November 24, 2023	No Show & Tell	BINGO Night
December - 1st Meeting	December 9, 2023	No Show & Tell	Holiday Banquet/Officer Installation on Saturday
December - 2nd Meeting	No Meeting	No Show & Tell	

2023 Elected Officers

Title	Name	Phone	Email
President:	Tony Johnson	(253)863-9238	ynotopals@outlook.net
Vice President:	Kevin Higgins	(253)579-3404	kevlar016@hotmail.com
Secretary:	Patti Dailey-Shives	(253)678-0029	pattidailey28@gmail.com
Treasurer:	Jillian Higgins	(253)355-3146	J.Y.Higgins@gmail.com
Association Director:	Mark Baumann	(253-310-5891	rocksnreptiles4me@gmail.com
1 Year Director:	Glen Ripper	(253)508-7545	glen311944@yahoo.com
2 Year Director:	Richard Yang	(208)596-8340	ryang0711@gmail.com
1 Year Trustee:	Glenn Rodrick	(253)531-4062	gtrodi@comcast.net
2 Year Trustee:	Dennis Batchelor	(360)870-8741	hobbyhorse51@gmail.com

2023 Committee Chairs

Title	Name	Phone	Email
Clubhouse Coordinator	Tony Johnson	(253)863-9238	ynotopals@outlook.net
Club Show Coordinator	Jillian Higgins	(253)355-3146	J.Y.Higgins@gmail.com
Field Trips Coordinator	Nathan White	(206)349-7054	nate.white77@gmail.com
Web Master	Jillian Higgins	(253)355-3146	J.Y.Higgins@gmail.com
Editor/Communications	Jillian Higgins	(253)355-3146	J.Y.Higgins@gmail.com
Membership	Jillian Higgins	(253)355-3146	J.Y.Higgins@gmail.com
Sunshine	Tony Johnson	(253)863-9238	ynotopals@outlook.net
Newsletter	Jillian Higgins	(253)355-3146	J.Y.Higgins@gmail.com
Mineral Council	Mark Baumann	(253-310-5891	rocksnreptiles4me@gmail.com



WASHINGTON STATE MINERAL COUNCIL

The Puyallup Valley Gem & Mineral Club is a member of the American Lands Access Association and the Washington State Mineral Council. You can find more information about the ALAA at: amlands.org or the WA Mineral Council at:

HAPPY BIRTHDAY

December
2023

A SOFTER TOUCH II (MOHS 1-3.5)

J A M E S O N I T E T I R A N I L
 H P E P R O U S T I T E H U Z D E
 A E S T O L Z I T E V I Y J O B P
 L T H L I W F N T B A L R H U C I
 O I M J Y N E I A S X D E P R C D
 T T P B A C R E E D I T E Y U V O
 R E X F B E U E O T I T O B P C L
 I M V W D M Z R K H I L V F E A I
 C I N N A B A R T R I T U Y T L T
 H M I E V G E N O T E S S O I C E
 I S C T L T A U E T C T J E L I E
 T T Y A I C L W I H I V I F L T T
 E X E L L F J R I L Z W U R E E I
 O R L A O M A T B U D B T U V H C
 N E H E X L E I E T I M O L O D U
 M C F M E F T E T I O C O R C X R
 C O L M Z E T I T N A H C O R B B

- | | | |
|-----------------|------------------|----------------|
| 1. BROCHANTITE | 10. CRYOLITE | 19. LEPIDOLITE |
| 2. BRUCITE | 11. CUPRITE | 20. LINARITE |
| 3. CALCITE | 12. DOLOMITE | 21. MELLITE |
| 4. CELESTITE | 13. FLUORITE | 22. MELARITE |
| 5. CHALCANTHITE | 14. FUSCHITE | 23. MIMETITE |
| 6. CINNABAR | 15. HALOTRICHITE | 24. PROUSTITE |
| 7. COVELLITE | 16. INDERITE | 25. REALGAR |
| 8. CREEDITE | 17. JAMESONITE | 26. STILBITE |
| 9. CROCOITE | 18. KERNITE | 27. STOLZITE |



Tanzanite,
Tourquoise, &
Blue Zircon



ROCK-A-TEER

Newsletter of Puyallup Valley

Gem & Mineral Club

P.O. Box 134

Puyallup, WA 98371