

Place:
Arden Community Hall
636 Hall Rd
Arden, WA



Club Meetings:
Third Tuesday of the Month
at **5:30 PM**

The Panorama Prospector

February 2025

PANORAMA GEM AND MINERAL CLUB

Minutes for the January 21, 2025 General Meeting

Meeting called to order 6 pm

20 members present

Johnie provided Financial Report. Gene motioned it be approved, Ginger 2nd, motion approved.

Lynne/Roger are working on promoting the gem show and club. An article is scheduled to be posted in the Stevens County Times on February 4th. Lynne is working with specific members to get permission to use photos of them in the paper.

All of 2024 Newsletters have been uploaded to our website. Thank you Frank! We are so glad your recovery is improving. The January newsletter discusses the date to set up the display in the Colville Library. The date of January 31st is incorrect and the new date is February 3rd at 1:00 PM. The display case has glass shelves. Betty has fabric to put the rocks on to protect the glass. If you have rocks you want to display meet at the Colville Library on February 3rd. The display case has a lock. Our club business card and logo patch will be displayed with the rocks. In addition, a list of the rocks and URL addresses to search DNR's website to find mines and geologic information will be included in the display. The purpose is to promote our club and geology.

Continue on page 2

SHOW TIME!!!

Our show is only two weeks away, March 6th is setup and 7th- 8th are the show, we are looking forward to another really good show again this year. We will need everyone's help for setting up on Thursday (8:00) and to man the different areas on Friday 9:00 until 6:00 and Saturday 9:00 until 5:00. Mark your calendar and plan on helping as much as possible. Also, help with advertising as much as possible by word of mouth, email, web sites, phone calls, flyers, etc.

There are still a couple of display cases to fill, let me know if you would like to show off your "what on earth" that you have.

The show is always a fun time when we meet old friends and make new ones all around a common interest in ROCKS.

Johnie

Identify the "Rock or Mineral"

By Jim Retzer

Last month's rock or mineral:



Dead Camel Jasper

Dead Camel Jasper is a “picture jasper” similar to those found in the Owyhee Mountains region of Malheur County, Oregon. Some of it shows a similarity to Apache Rhyolite found in the Deming, New Mexico area but Dead Camel takes a better polish.

The original Dead Camel Jasper was discovered by Philip Stephenson in the Dead Camel Mountains of Churchill County, Nevada. This is really not a new discovery but a new claim on a type of jasper old timers referred to as Lahontan Jasper. Modern day Lake Lahontan is around 50 miles northeast of the Dead Camel Mountains, but the jasper deposit was named for the Lake Lahontan that was a large endorheic prehistoric lake during the Pleistocene that covered a large extent of northwestern Nevada.

Recently two other claims have been started in the area, they are the Dead Ringer, and Fire Ledge. Also in the area are Mescalero Jasper and Red Falcon Jasper. Mescalero is a very colorful jasper similar to Dead Camel but with more vibrant and intricate patterns of turquoise blue and varying shades of red and pink.

The cost of jasper from this region is getting expensive with rough going for \$20-\$30 per pound, though in larger volumes you can find it for \$12-\$18 per pound. Slabs can run anywhere from \$12.00 to \$60.00 depending on size, quality, and colors.

If you plan on going to the Camel Mountain area, be aware of your location and where private claims and private land is located. Though a lot of this area is BLM land, people claim it is their private land and even used armed threat to keep people off. Some of the dirt roads in the area have been blocked. Check out where you are going and the status of the land before you go out. If you are confronted, even though you know you are in the right, it is best to leave and avoid a dangerous situation.

This month’s rock or mineral:



Minutes cont.

The vote for the scholarship program is deferred until we have all our executive team members present. The January 2025 newsletter contains information about the options under consideration.

Lynne will send out the newsletter “Crack the News” link to members in our club who have children.

Johnie discussed the upcoming March gem show.

The theme this year is “What on Earth is This?”

Sign-up sheets were passed to everyone to volunteer for various tasks.

Chris will contact the Chewelah radio station to promote the show. She needs all the pertinent details about the show.

The Security word is “Banana” if anyone needs immediate assistance during the show. There is one camera in the foyer. The Fairground Manager is working on getting more cameras. However, approval is needed by the County Commissioners. No specific date for implementation.

Continue on page 3



Hemimorphite

(<https://geologyscience.com/gemstone/hemimorphite-2/>)

Hemimorphite is a zinc silicate mineral with the chemical formula $Zn_4Si_2O_7(OH)_2 \cdot H_2O$. Known for its striking blue to greenish-blue color and unique crystal habits, hemimorphite has been a subject of interest among mineralogists, geologists, gemologists, and gem enthusiasts alike.

Geological Formation and Occurrence

Hemimorphite primarily forms as a secondary mineral in the oxidation zones of zinc ore deposits. It is often found associated with other zinc-bearing minerals such as sphalerite (ZnS), smithsonite ($ZnCO_3$), and willemite (Zn_2SiO_4). The formation process involves the weathering and oxidation of primary zinc minerals, leading to the deposition of secondary minerals like hemimorphite.

Environmental Conditions for Formation

The mineral forms under specific conditions:

- **Oxidizing environments:** Hemimorphite is typically found in regions where zinc ore deposits are exposed to oxygen and water.
- **pH levels:** The formation of hemimorphite is favored in neutral to slightly alkaline conditions.
- **Temperature and pressure:** Low-temperature, near-surface environments are conducive to the formation of hemimorphite.

Hemimorphite holds significant importance in both geology and gemology. It serves as an indicator of the presence of zinc ore deposits and is also valued for its aesthetic qualities as a gemstone.

As a secondary mineral formed through the weathering of primary zinc minerals, hemimorphite indicates the presence of zinc-rich zones within a deposit. Geologists use its occurrence to identify potential targets for exploration.

In gemology, hemimorphite is valued for its unique color range, from pale blue to vibrant turquoise, often with a vitreous to silky luster. Although relatively soft for a gemstone, it is used in jewelry, primarily in cabochon form, due to its striking appearance.

Hemimorphite is a fascinating mineral with unique geological and gemological properties and significant industrial relevance. Its formation in the oxidation zones of zinc deposits, distinctive crystal habits, and role as an indicator mineral make it an important subject of study for geologists. In gemology, its vivid color and luster make it a desirable, albeit delicate, gemstone. Understanding hemimorphite's properties and occurrence can provide valuable insights into the processes that shape mineral deposits and aid in both mineral exploration and the gem trade.

Minutes continued from page 2

There will be branded boxes for sale. Lynne will order more "Thank you" bags.

Johnie recorded the list of members who will have display boxes at the show.

Share a Rock – Dave Paquette shared crystals with clear purple apatite. Johnie shared polished leftover pieces of rock from the sphere making. Discussed recent break-ins of storage units and loss of personal rock collections.

The tentative Easter Egg Hunt in April was mentioned. Thundereggs are needed.

The Presentation was about the landslide and tsunami that occurred on the Columbia River across from Colville Flats Beach in November 2024.

Membership Dues:

\$20.00 per household per year is due to the club Treasurer Frank Stratton on the third Tuesday of November for regular members. Dues can also be sent to: Panorama Gem and Mineral Club c/o Johnie Pitman, 701 B Williams Lake Rd, Colville, WA 991114.

Webpage: <http://panoramagem.com/>

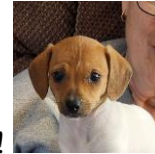
Facebook Group: [Panorama Gem & Mineral Club](#)

We, **The Panorama Gem and Mineral Club**, are a multi-faceted group of mineral-minded people. Our proud members include some real gems, a few fossils, and even some diamonds in the rough. A few have lost some of their marbles, but they know where to get more! A few need to polish their coordination because they are always tumbling! And some are miners who use the “silver pick” as their tool of choice! It should be crystal clear, that we all enjoy this unique conglomeration and above all else we strive to **HAVE FUN**. And we never throw stones (away).

A Quick Note from The Editor (Glynis)

Thank you to those who contributed to this issue. If you have a special story to share, please contribute to OUR newsletter! Send ideas for articles, internet finds, jokes, pictures, adventure stories, science articles or your own articles to me.

gghull@comcast.net



Guinevere says “Hi”!

Refreshment Schedule for 2025

Last names that begin with the letters posted bring refreshments for that month

January – H, I, J

February – K, L, M

March – N, O, P

April – Q, R, S, T

May – W, A, B, C

June – D, E, F, G

July – H, I, J

August – Club Picnic

September – K, L, M

October – N, O, P

November - D, E, F, G

December – Christmas Party

Panorama Gem and Mineral Club: Organizational Chart

Officers

President:	Lynne Calvert		559-906-5923
Vice-President:	Bob Bristow		509-935-4375
Secretary:		gghull@comcast.net	
Treasurer:	Frank Stratton		509-207-8503
Trustee 1:	Kevin Youngblood		509-680-0207
Trustee 2:	Jim Peters		509-992-6921
Trustee 3:	Cyndi Doppler		509-216-5473

Committee Chairs

Program Coordinator:	Sheila Stratton		509-207-8506
Hospitality:	Betty Peters		509-992-6921
Historian:	Sheila Stratton		509-207-8506
Newsletter:	Glynis Hull	gghull@comcast.net	509-981-9714
Show Chair	Johnie Pitman		509-684-8887