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◆ **The Council Reporter** ◆

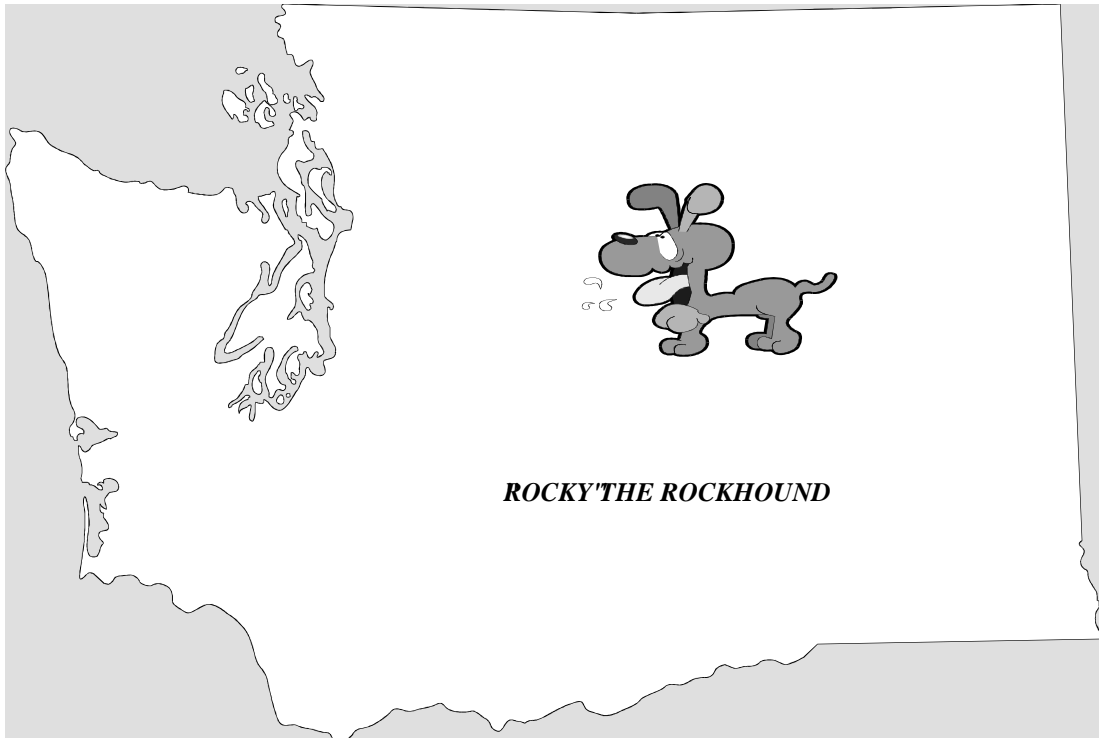
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**Official Publication of the  
Washington State Mineral Council**

**WASHINGTON STATE MINERAL COUNCIL  
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Wagonmaster	open		

**The West Side Board meets the third Tuesday of each month between combined meetings, unless a special meeting is called. Usually no meeting in July and December dependent on Board action.**

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# Westside Board Meeting Minutes 04/19/16

President Vesta Bettinger opened the meeting at 8:05pm. The late start was due to the board being locked out of the clubhouse. Thankfully a Maplewood club member was able to unlock the door.

Kathy presented the treasurer's report. The Walker Valley lease is due in May.

Wagonmaster:

Up coming field trips: Racehorse Creek 5/7, Saddle Mtn 5/21.

The company that mines the opal pits has moved operation to a deposit nearby. Ed talked to one of the drivers if the company would dump material outside of the pit area. The driver told Ed that this new area didn't have any opal.

The Pow Wow is having trouble sustaining the club. Like most clubs, all of the older members are dying off and there are no new members to keep the club going. If you have a chance, please support them by attending one or more of their field trips. If this club folds, many of our contacts/relationships in the Prineville area will go with it.

The Darrington show is the weekend of 07/16/16. There are many new dealers. The WSMC will lead a field trip for travertine from the show on 07/16.

Old business:

Bob did not have an update from Olympia other than to say that the rockhound bill is still alive. He also reported that all rock club information has been removed from the DNR's website. There were also no updates on the land status in the Greenwater area.

Access to the Berma Rd area can be had for a \$250 per person annual permit. If you plan to walk in, the fee is \$70 per person per year.

New business:

Lanny Kittleson, owner of the NW Rockhound shop attended the meeting. He wanted to know what joining the WSMC would do for the people in his online club. The board responded by saying that the WSMC serves as a focal point for information about field trips, locations, and state and local legislation that might affect our hobby. The board stressed that there is a lot of mis-information out on the internet and the council tries to validate any information before passing it along.

A motion was made, seconded, and passed to have Lanny serve as a trustee.

Bob suggested that the council offer the newsletter/map book printer the opportunity to add a "printed by" credit on the cover of the maps in consideration for the service they have provided for the last 11 years.

There was a death at the Cedar Ponds field trip. The Marysville club is looking into purchasing a defibrillator. The field trip sign up sheet now asks for contact information and any medical conditions that

## May 21, 2016 Combined Board Meeting AGENDA

Pres. Opening of Meeting  
Treasurer's Report  
◇ Kathy Earnst  
Committee Reports  
◇ Wagonmaster  
Old Business  
New Business  
Open Comments  
Adjourn

## Meeting Calendar for 2016

West side board meetings:  
1/19, 2/16, **4/19**, 6/21, 8/16, 10/18

At 7:30PM at the  
Maplewood Clubhouse  
8802 196th St SW, Edmonds

General meetings :  
3/19, 5/21, 9/24, 11/05

All general meetings will be held at:

Palace Café  
4th & Main  
Ellensburg  
Meeting @ 9:30 AM

## GPS Co-ordinates Needed

The WSMC needs the GPS co-ordinates of any and all of the collecting sites in the state. In an effort to make the map booklets as accurate as possible the Mineral Council is asking for everyone to record GPS readings while on field trips. The data can also be used to help in our fight to keep our collecting areas open.

## The Washington State Mineral Council web site has MOVED.

Please update your web browsers to the new URL  
<https://mineralcouncil.wordpress.com/>

The move allows the website to use Wordpress without having to upgrade our web hosting account.

The old URL [www.mineralcouncil.org](http://www.mineralcouncil.org) will continue to re-direct you to the new location.

## 2016 WSMC SPONSORED FIELD TRIPS

The Washington State Mineral Council plans guided fieldtrips to collecting sites. Open to member clubs, and the general public. Most trips are free. Included are the Pow Wow trips (must join to go on trips). Host clubs and contact persons will be set up as I gather info. For updated information, go to: [mineralcouncil.wordpress.com](http://mineralcouncil.wordpress.com), or contact Ed Lehman at [wsmced@hotmail.com](mailto:wsmced@hotmail.com), or home (425) 334-6282 or cell (425) 760-2786.

**ALWAYS contact host for updated info a week before trip !!!**

Date	Host	Site	Meeting Place & Time	Material	Tools
1/16	Marysville	Beaver Valley	10:30 @ INFO center	Chert & Zeolites	Hard rock
1/30	Darrington	Walker Valley	9:00 @ Big Lake Store	Geodes & Agate	Hard rock
2/20	Marysville	Cedar Ponds	9:00 @ Monroe Jack n Box	Jasper	Dig & Hard rock
3/19	Marysville	Cherry Creek	9:00 @ Duvall Safeway	Jasper	Dig & Hard rock
4/16-17	POW	Saddle Mt.	8:00 @ Boat Launch	Petrified Wood	Dig & Hard rock
5/7	Darrington	Racehorse Creek	9:00 @ IGA @ Nugent's Corner	Fossils, Mushrooms	Dig & Hard rock
5/21	Ellensburg	Saddle Mt.	9:00 @ Mattawa Lepricon Market	Petrified Wood	Dig & Hard rock
6/10-14	Spokane	Succor Creek & McD	Call Host for Information	ThunderEggs & Agate	Dig & Hard rock
6/18	Darrington	FR 17 & 18	9:00 @ Darrington IGA	Jade, Serpentine, Hematite	Dig tools
6/23-26	POW	Madras, OR	8:00 @ County Fair Grounds	Agate, T-Eggs, Petrified wood	Dig & Hard rock
7/16	DAR	Sweetwater	10:00 @ Darrington Show (Grange)	Travertine	Dig & Hard rock
8/20-21	CAS	Greenwater	9:00 @ Enumclaw Ranger Station	Agate & Jasper	Dig & Hard rock
9/10-11	POW	Teanaway	8:00 @ Teanaway Camp	Geodes, Agate, Jade	Dig & Hard rock
9/24	CAS	Little Naches	9:00 @ Enumclaw Ranger Station	ThunderEggs & Lilypad Jade	Dig & Hard rock
10/15	Marysville	Money Creek	9:00 @ Money Creek Camp Ground	Ore & Picture Jasper	Dig & Hard rock
11/19	Mt Baker	Blanchard Hill	9:00 @ I-5 Exit 240 Gas Station	Dalmation Stone	Hard rock

### HOST

### CLUB

### CONTACT INFO

Msvl = Marysville Rock Club

Dar = Darrington Rock Club

Pow = All Rockhounds PowWow Club

Elb = Ellensburg Rock Club

Spk = Spokane Rock Rollers

Cas = Cascade Mineralogical Society

HC = Hells Canyon Rock Club

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Dan Cease—[rockmangem@q.com](mailto:rockmangem@q.com) (509) 254-1720

Keep updated on <http://www.mineralcouncil.wordpress.com>. Land management changes, and roads close regularly. There is a area on web page with tool category with pictures and names of tools.

Always have proper clothes and gear for conditions. Be prepared with safety, first aid, food, and drink.

A week before trips, I (Ed Lehman) will have a pdf file with map and info for that trip I can send you on request. I will do the same to trip host.

Try to be at meeting site at least 30 minutes before trip time for details and instructions with a full tank of gas. There will be a display of rough and finished material for that trip. Some of the meeting sites are at eating places, join us for breakfast.

**Many rock shows will have a WSMC booth with our WA St rockhounding maps for sale, and information. Map books are for sale at trip meeting. Sale of books finance WSMC, and buy the insurance to get us access to private land to collect.**

Remember our code of ethics. Keep the lands open to rockhounding (remind or public guardians they are our employees, and it is our land).

might be relevant.

Vesta will write a letter to member and non-member clubs to ask that they consider join/remain active in the WSMC by sending in dues and representation at the meetings.

The WSMC mineral display has been requested for July.

Vesta will meet with Bob Pattie the week of 04/27 to go through the WSMC history/records in order to ensure that this information is passed on to the next generation.

Ed mentioned that a grass roots group known as the American Lands Council is trying to get legislation to pass the various Federal Lands into the hands of "willing" states.

Bob displayed the newly printed map booklets. The color photos came out great. To cover the additional cost of printing, the booklet was raised to \$10.

Meeting adjourned.

Submitted by Vesta Bettinger,  
President

### DID YOU KNOW?

WHY there is Silverware. The REAL reason for Silverware use in the past is for HEALTH and Sanitation reasons. Just like the 1849'ers put Silver dollars in their water barrels, and Europeans for hundreds of years used silver water jars (if they could afford it) or put Silverware or silver coins in their water if they had them, and of course, used "Silverware" in the first place, is because it was noticed that molds and bacteria didn't build upon Silverware like it would on other materials. A natural property of ionic silver is to KILL bacteria. Viruses hate the presence of Silver as well. It is a little known fact, Sally DeBruin,\* that if you take a Petri dish and culture just about any nasty thing you can think of (mold, algae, bacteria, or virus) and add ionic silver, the contents of your Petri dish will DIE. The doctor who wrote the book "The Body Electric" had great success speeding up the healing of burns and wounds, and healing wounds that "wouldn't heal" by applying silver mesh and a small battery current (knocking off silver ions onto the affected area).

In my household, we make our own Silver (in its colloidal form) and use it to knock out colds and flu's before they take hold. US farmer use Ionic Silver generators in large scale to treat the feed water and keep their livestock much healthier, and ward off infections and disease. For more information on the use of colloidal silver as related to health, there is a website called Silver Gen that has a lot of information.

[http://www.silvergen.com/colloidal\\_silver\\_history.htm](http://www.silvergen.com/colloidal_silver_history.htm)

Here is a quote from that site: "Colloidal silver has been used for healing for centuries. The Greeks and Romans kept liquids in silver jars. During the plagues in Europe, many royal families escaped disease because they ate off silver plates and used silver utensils. It was used by the American pioneers to keep water and milk from spoiling or becoming contaminated. It is used by NASA to purify water in the space shuttle. Russia also uses it in their space shuttle. It is used by some airlines to purify water on flights. Thin silver foil is still used in India and China to wrap portions of food in. Silver is used in most of the burn centers in the U.S. and has been used to prevent blindness in

newborn infants eyes for many years".

Thanks to: Glenn Thompson & Davis K (Rhodium)  
Products Inc. \*Editor's insert

Via West Seattle Petroglyphs, 04/16, via Boulder Buster, 5/10

### OPAL

Mystical Birthstone for April

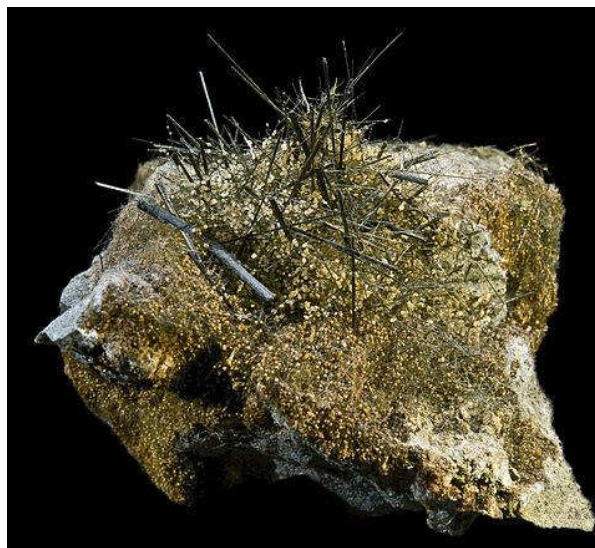
Most opal is 50-65 million years old, dating back to the Cretaceous period when dinosaurs roamed the earth. Opal is formed as silica from decomposing rocks mixed with ground water which formed a silica gel that collected and hardened in underground cavities and fissures.

There are two distinct types of opal, common and precious. The way the silica particles form determine which type. In precious opal, silica particles are packed in regular rows and layers. Moving the stone causes light to diffract, or split, as it grazes the opal surface. This light diffusion shows iridescent flashes of green, blue, aqua and sometimes yellowish or red colors which are referred to as the "fire".

EXCERPT FROM WIKAPEDIA  
Via Stone Age News, 04/16

### Green Minerals from the Mid-Atlantic Region: Actinolite

Timothy Foard



Actinolite from Portugal (Photo from Wikipedia)

From the Greek "aktina" for "ray", because of the fibrous appearance of the mineral, actinolite is a calcium magnesium iron silicate hydroxide ( $\text{Ca}_2\{(\text{Mg}, \text{Fe}^{2+})_5\}(\text{Si}_8\text{O}_{22})(\text{OH})_2$ ), a member of the amphibole mineral group. It occurs in many shades of green, but black specimens are known. The darker the color, the more iron the specimen contains. It has a colorless streak and breaks in a splintery, uneven fracture. Its monoclinic crystals are often present as elongated, bladed, acicular, or fibrous masses. The mineral is moderately hard (5.5-6.0) with a vitreous, silky luster.

Actinolite occurs as a secondary mineral in basalt and diabase and in contact and regional metamorphic rocks and serpentine deposits. It

forms a series with another mineral, tremolite, which is identical in chemical formula, but tremolite contains a higher percent of magnesium than iron and is generally lighter in color. A number of varieties of both minerals are known. A form of asbestos is common to both (tremolite especially) which consists of movable, flexible fibers which are small enough to become airborne and enter the lungs and damage alveolar tissues. Mountain Leather is a thickly fibrous leathery form with a felt-like feel. A very dense form of actinolite mostly, called nephrite, consists of tough interwoven fibers, and is considered a form of jade. Byssolite is a form of actinolite which consists of tiny matted fibers, giving a hair-like appearance to the mineral.

Actinolite has been found in Austria, Italy, Poland, Norway, Namibia, Pakistan, the United States, and Canada. Locally, specimens have been found in the diabase quarries in northern Virginia, northern Maryland, and southern Pennsylvania.

Besides nephrite, gem quality actinolite specimens are known. A translucent chatoyant form sometimes called cat's eye actinolite or cat's eye jade. A rare, transparent form occurs, and is sometimes faceted as a gemstone.

#### Sources

Simon and Schuster's guide to Rocks and Minerals by Annibale Mot-tana, Rodolfo Crespi, and Giuseppe Liborio. Published by Simon and Schuster, Inc. 1978, 607 pp.

Actinolite Gemstone Information: <http://gemselect.com/gem-info/actinolite-info.php>

Actinolite: <http://en.m.wikipedia.org/wiki/Actinolite>

Dana's Textbook of Mineralogy, with an Extended Treatise on Crystallography and Physical Mineralogy, by Edward Salisbury Dana. Fourth Edition, 1932. John Wiley and Sons, 851 pp.

Actinolite. Mindat.org.: <http://www.mindat.org/min-18.html>

Fleischer's Glossary of Mineral Species 2008. Malcolm E. Back and Joseph A. Mandarino. The Mineralogical Record, Inc., Tuscon, 345 pp.

Via SMRMC Rock Talk, 07/16

#### Strength in numbers

Hello- I'd like to take a moment to introduce myself as the 2016 WSMC President, Vesta Bettinger, from the North Seattle Lapidary & Mineral Club where I have been active member since 2005. Seeing as that I am just "over the hill" I am one of the younger members of the Council and have been learning a lot from the astounding amount of collective information that these "Old-timer's" have to share. For these longtime members, decades of their lives have been dedicated to the life-long love of rock hounding & led to adventures all over the world. Their willingness to share knowledge about localities and educate others about their individual experience is a treasure in itself. Let's take the time to listen to our fellow Rockhounds both young and old.

I am making a CALL FOR VOLUNTEERS. I invite and encourage partnership and participation with all mineral and hobby related clubs and organizations in the region to open the lines of communication and work together to establish the WSMC as a sustainable organization. Every year we see viable organizations that once held strong numbers close their doors because of lack participation from the

younger generations. It would be a shame to see the WSMC dissolve, for any reason, so if you have suggestions and/or ideas to encourage club representation & attendance at the Mineral Council Meetings please let us know. As I have said before, "I may not always know what you guys are talking about, but I'm willing to listen, learn, and show-up."

To answer the question, "What are the advantages of becoming a member of the WSMC?" take a moment to reflect on the PURPOSE of the WSMC as stated in ARTICLE II of our Bylaws:

- 1) To gather, study, and disseminate information regarding rock collecting, other outdoor recreation, leisure time activities relating to rock collecting, and the conservation of natural resources.
- 2) To cooperate with and assist other similarly purposed organizations.
- 3) To advance the education of the membership and of the general public with respect to safety, conservation-oriented practices, and the recreational use of natural resources both public and private; to provide for exchange of information and other educational material between rockhounds.
- 4) To study proposed and existing local, State, and Federal legislation, and policy affecting rockhounds and report to the membership thereon.
- 5) To promote the understanding of rockhounding as a beneficial activity with recreational, educational, and scientific values.
- 6) To engage in such other activities as are desirable and necessary for the protection and perpetuation of rockhounding in its many and varied aspects.

You will receive our monthly publication "The Council Reporter" which serves as just one platform of communication with many of the agencies pertaining to land management. We offer Field Trips with experienced guides, hold a land use permit at Walker Valley, and have many conversations that we would like you to be a part of. To volunteer please reach us at [wsmc@mineralcouncil.org](mailto:wsmc@mineralcouncil.org).

I look forward to it-Vesta

Did you know that this publication, "The Council Reporter" serves as just one ---- of communication with the agencies

#### Attention: All Newsletter Subscribers

**If you, or someone you know should be receiving this newsletter electronically and are not, please contact Bob Pattie or myself (Glenn Morita).**

**We are trying to keep our mailing list current and want to make sure that everyone who wants an electronic version of the newsletter gets one.**

#### Dues are due

**Download the PDF or Word version from the WSMC website in the Misc. Resources menu.**

**Please send the dues and form to Kathy Earnst**

27871 Minkler Road  
Sedro Woolley, WA 98284



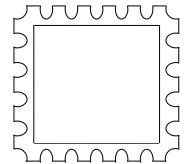
## Local Area Shows for 2016

May 2016 7th 9am—5pm 8th 10am—4pm	Umpqua Gem & Mineral Club	Carnival of Rocks 46th Annual Show	Douglas County Fairgrounds I-5 Exit 123 Roseburg, OR
May 2016 7th 10am—5pm 8th 10am—4pm	Billings Gem and Mineral Show	Annual Show Adults \$3 Children under 12 free	Al Bedoo Shrine Auditorium 1125 Broadwater Avenue Billings MT
May 2016 7th 10am - 5pm 8th 10am - 4pm	Bozeman Gem & Mineral Club	Annual Rock Show \$3 adults, 12 & under free w/adult	Gallatin County Fair Grounds 901 N. Black, Bldg. #1 Bozeman, MT
May 2016 14th 10am - 5pm 15th 10am - 4pm	Hatrockhounds Gem & Mineral Society	Natures Treasures Under Foot \$3	Hermiston Conference Center 415 S. Hwy. 395 Hermiston, OR
May 2016 21st 10am - 6pm 22nd 10am - 5pm	Bitterroot Gem and Mineral Society	Annual Gem and Mineral show	Ravalli County Fairground First Interstate Center 100 Old Corvallis Road Hamilton, MT
May 2016 21st 10am - 6pm 22nd 10am - 6pm		10th Annual Mineral Mart	Lake City Community Center 12531 28th Ave NE Seattle, Washington
June 2016 3rd 10pm—5pm 4th 10am—5pm 5th 10am—5pm	Puyallup Valley Gem & Mineral Club	Annual show	Swiss Park 9205 198th Ave. E. Puyallup, WA
June 2016 4th 9am—5pm 5th 10am—4pm	North Idaho Mineral Club	Annual Show \$3 adults, 12 & under free w/ Adult	Kootenai County Fairgrounds 4056 North Government Way (Kathleen & Gov't Way) Coeur d'Alene ID
June 2016 11th 10am—5pm 12th 10am—5pm	Butte Mineral and Gem Club	Annual Show \$3 adults, 12 & under free w/ Adult	Butte Civic Center Annex 1340 Harrison Avenue Butte MT
June 2016 25h 10am—6pm 26th 10am—4pm	Oregon Coast Agate Club	53rd Annual Gem & Mineral Show, \$2 adults, 12 & under free w/Adult	National Guard Armory 541 SW Coast Hwy Hwy 101 Newport OR 97365
July 2016 15th 10am—5pm 16th 10am—5pm 17th 10am—4pm	Lower Umpqua Gem & Lapidary Society	Treasures from the Earth Rock and Gem Show	Reedsport Community Building 415 Winchester Avenue Reedsport OR
July 2016 16th 10am—5pm 17th 10am—5pm	Darrington Rock & Gem Club	Rock and Gem Show and Sale	Manford Grange 1265 Railroad Avenue Darrington, WA (behind IGA)
July 2016 22nd 9am—6pm 23rd 9am—6pm 24th 9am—5pm	Washington Agate and Mineral Society	Rock and Gem show during Tenino Oregon Trail Days	Parkside Elementary School 301 Central Avenue E (corner of Central Avenue and Stage St. South) Tenino WA 98589
July 2016 29th 10am - 6pm 30th 10am - 6pm 31st 10am - 4pm	Willamette Agate And Mineralogical Society	2016 AFMS/NFMS Show Treasures of the Northwest \$4/day/\$10 3 day pass Under 12 free	Linn County Fair and Expo Building 3700 Knox Butte Road Albany OR

Combined Board Meeting  
May 21, 2016  
9:30 AM

Palace Café  
4th & Main  
Ellensburg

COUNCIL REPORTER, Monthly publication of The  
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