



---

---

# The Council Reporter



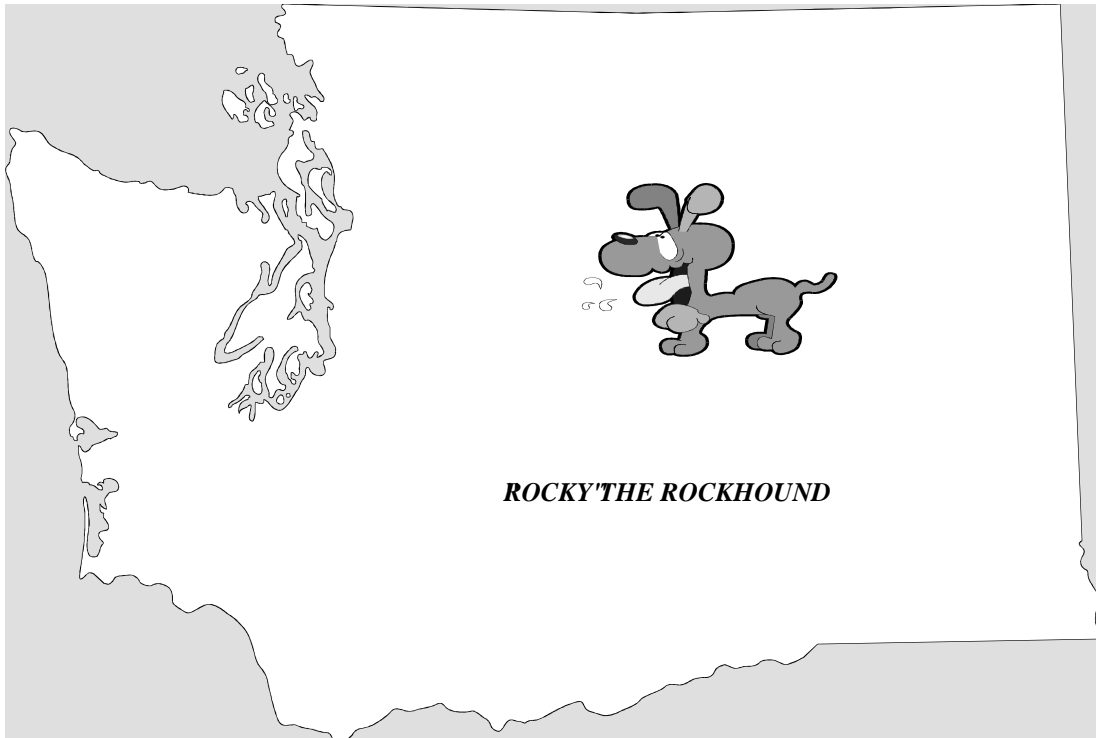
---

*Volume 36, Issue 5*

*May 2016*

---

---



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

**WASHINGTON STATE MINERAL COUNCIL  
2016 OFFICERS**

**OFFICERS**

President	Vesta Bettinger	vestab.rocks@gmail.com	(206) 679-3142
VP	Christopher Bechard	comatosebackpay@gmail.com	
2nd VP	Cheston Perry	chestonperry@live.com	(206) 931-2834
Secretary	Diana Horsfall	dianahorsfall@comcast.net	(206) 818-9507
Treasurer	Kathy Earnst	earnstkk@comcast.net	(360) 856-0588
Imm Past Pres:	Perry Gulsvig	sparry08@comcast.net	(509) 290-1355

**TRUSTEES --- EAST SIDE**

Steve Townsend	srtrocks@aol.com	(16-17-18)	(509)-607-1446
Dale Geer	P.O. Box 34, Moxie, WA 98936	(15-16-17)	(509) 248-6975
Dave Mastin	davemastin@yahoo.com	(16-17-18)	
Aaron Wigant	aaronwigant@rocketmail.com	(14-15-16)	(509) 263-3401
Jim Landon		(14-15-16)	

**TRUSTEES --- WEST SIDE**

Gordon Lyons	gordlyo82@gmail.com	(13-14-15)	
Bob Pattie	4316 N. E. 10th, Renton, WA 98059	(15-16-17)	(425) 226-3154
Glenn Morita	gmorita@seanet.com	(14-15-16)	(425) 743-6249
Ed Lehman	wsmced@hotmail.com	(14-15-16)	(425) 334-6282
Lanny Kittleson			

**STAFF**

Editor	Glenn Morita	4528 152nd Pl SW, Lynnwood, WA 98087	(425) 743-6249
Historian	Jackie Pattie	4316 N. E. 10th, Renton, WA 98059	(425) 226-3154
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.**

**MAILING ADDRESS**

Washington State Mineral Council  
27871 Minkler Road  
Sedro Woolley, WA 98284

**WEB PAGE ADDRESS**

<https://mineralcouncil.wordpress.com>

Editor's e-mail address  
gmorita@seanet.com

# Combined Board Meeting Minutes 05/21/16

Meeting was called to order by Vesta at 9:45

In attendance for this meeting are:

Diana Horsfall – Cascade Mineralogical Society, Jackie Pattie – Cascade Mineralogical Society, Kathy Earnst – Marysville Rock & Gem, Dave Mastin – Ellensburg Rock Wolves, Steve Townsend – Ellensburg Rock Wolves, Vesta Bettinger – North Seattle Lapidary & Mineral Club, Cheston Perry – North Seattle Lapidary & Mineral Club, Ken Junt – Yakima Rock & Mineral, Dale Geer – Yakima Rock & Mineral, Christopher Bechard – Ellensburg Rock Wolves.

Treasurers report: We have made the insurance payment for the year and are going to be making the lease payment this week on Walker Valley, this will greatly reduce the balance until Ed gets the map revenue to Kathy she will then issue a check for the purchase on another printing of the maps, clubs will no longer be able to get map books without paying up front, if your club owes for books please remit as soon as possible. The income for this month was dues from North Seattle Club; this will show on the next Treasurers report. A bill was submitted for postage and printing of the newsletter and new plastic boxes that were purchased to replace the cardboard show boxes that needed replaced. Kathy will be sending out audit treasurers reports for the year to the council as soon as she can.

Field Trips: There is a field trip today at Saddle Mountain, which took some of our regular attendee's. Next months field trips include Spokane club's hosting of the field trip to Succor Creek & McDermott for collecting of Thunder Eggs and Agate June 10 – 14 call host club for information. The Darrington club's hosting of the field trip to FR 17 & 18 for the collecting of Jade, Serpentine, and Hematite June 18 meet at 9:00 @ Darrington IGA. The Pow Wow is June 23-26 in Madras, OR meet at 8:00 @County Fair Grounds you will be collecting Agate, Thunder Eggs, and Petrified wood. There is a small fee to become a member of the POW WOW, joining the Pow Wow will put you on there mailing list for a newsletter. There may be an additional fee as some collection sites.

Vesta passed out copies of the letter she wrote for the newsletter, this ties in with the getting volunteers to help build the clubs, working together we can get this done. Vesta was thanked for writing this letter, it brings up good points that we need to work on as a group. A discussion was started on how to get interest up for the mineral council and our individual rock clubs. We discussed ways get the word out that we are hobby and education oriented, our club members are there for the fun of the hobby and the sharing of knowledge with others and not for personal gains of any of its members. Club meetings and shop usage should be geared towards the education of others, with the exchanging of collecting sites, materials, knowledge we hope to grow rock clubs in general. How do we get the word out that this is our main goal. Most clubs are not for profit and the members should not be making a profit from club equipment. The club should not be a profit endeavor and be left for hobby and education only.

Bob brought us up to date on the map books, we are still in the pro-

## June 21, 2016 Westside Board Meeting AGENDA

Opening of Meeting  
Treasurer's Report  
◇ Kathy Earnst  
Committee Reports  
◇ Wagonmaster -Ed Lehman  
Old Business  
New Business  
Open Comments

## 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

Ed Lehman—wsmced@hotmail.com (425) 334-6282 (425) 760-2786

Ed Lehman—wsmced@hotmail.com (425) 334-6282 (425) 760-2786

Larry Vess—vessel3755@gmail.com (253) 473-3908

Steve Townsend—srtrocks@aol.com (509) 607-1446

Mike Shaw—mikesshawmoose@yahoo.com (509) 244-8542

Tony Johnson—(253) 863-9238

Dan Cease—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).

cess of updating by getting GPS co-ordinates for the maps. He also pointed out some of the improvements that have happened in the last printing.

He also updated us on the show rocks, the boxes have been replaced and he is in the process of changing the numbers on the rocks and making labels with pictures on them, he will keep us posted on the progress.

Bob then gave a report on the 150 + page EIS document that outlines the closing of roads in the Greenwater area. He passed out a 6 page document that related to closing roads and the three levels of road closing and what they would mean to us, he also passed out a form that could be mailed in as to your opinion of the EIS document, the back page of the handout gave an email address and a mailing address if you want to send a letter or comment but it needs to be done by May 28th. Contact Bob for any additional information you may need. He encourages every one to send in comments.

It was also pointed out that DNR has a geology web site for rock hounding, this site has maps taken from data provided by the mineral council to the state talking about rock collecting sites years ago. Lanny Kittleson has agreed to be a Westside trustee for the mineral council.

We also spent a few minutes talking about way's to bring up attendance to the WSMC meetings, a couple of the suggestions have been to plan field trips after the meeting, also going to a nearby park and sharing rocks and rock story's followed by a pot luck. If you have any suggestions or have input on this please let the council know.

The mineral council has been approached to get copies of the documents leading up to and the signing of the bill that made Petrified Wood the state Gem. The council agreed this would be a great learning tool and we will proceed with this.

It has come to our attention that the Presidents Briefcase is missing, if anyone knows of its location please contact the council, if you are a past president please look around to see if you may have it.  
Thank You

Meeting was brought to a closed at 11:26  
Submitted by Diana Horsfall

## RED QUARTZ AND BLUE QUARTZ

by Steven Wade Veatch

Quartz (SiO<sub>2</sub>) is a common mineral found in all three classes of rocks (igneous, metamorphic, and sedimentary) in many environments, and in a range of colors. Rose and blue quartz are less common than some of the other varieties. Rose Quartz has a pale pink to rose red color thought to be caused by trace amounts of titanium that absorbs all colors except pink. This may account for its rosy color. In a laboratory experiment, samples of rose quartz from several localities were carefully dissolved in acid. The remaining insoluble residue consisted of thin microfibers. These fibers may also be responsible for the color of rose quartz.

Well-formed rose quartz crystals are rarely found in nature. Rose quartz is generally found in massive chunks associated with pegmatites. The term pegmatites refers to exceptionally coarse-grained crystalline granite. Since rose quartz is cloudy, it is not popular as a faceted gem, but it is commonly formed into cabochons, rounded into

beads for necklaces, or carved into various objects.

Rose quartz has been named as South Dakota's official state mineral. Here rockhounds have a good chance to find specimens ranging from shades of light pink to rose-red. Some rose quartzes from South Dakota have a distinctive asterism, a star shaped display of light on the polished surface.

Blue quartz, with a deep to sky blue color, is packed with tiny grains such as rutile (TiO<sub>2</sub>) and ilmenite (FeTiO<sub>3</sub>). Other inclusions might include tourmaline, crocidolite, magnesioriebeckite, zoisite, and several others. Some researchers hypothesize that the blue color comes from the Rayleigh scattering of light by these microscopic inclusions. Rayleigh scattering selectively scatters visible light of the shorter blue wavelength. However, the cause of the blue color still remains uncertain. Blue quartz has a waxy luster and sometimes displays asterism.

Blue quartz occurs at a number of localities. In Llano County, Texas, blue quartz is found as small, doubly terminated crystal in a rhyolitic porphyry informally called Llanoite. The crystals weather out of the host rock and can easily be collected. Blue quartz is also found in a diorite near the Dairyland Power Dam near Tony, Wisconsin. Blue quartz was recently discovered in the Cushing Point Formation at Peak's Island, Maine. The specimens there have inclusions with the chemistry of biotite. In the past, biotite has not been listed as a possible inclusion. Research now suggests that the inclusion of biotite on Peak's Island may be responsible for giving crystals its blue color. Blue quartz is associated with pegmatites of the Cape Ann Granite at Andrew's Point in Rockport, Massachusetts. The author has found blue quartz at two Colorado locations: Park County near Hartsel and on the tailings of the Bull Domingo Mine in Custer County northeast of Silvercliff. A famous site - Antequera near Malaga, Spain yields translucent crystal of intensely blue quartz.

While some varieties of quartz are well-known, such as amethyst and smoky quartz, blue quartz is a lesser known variety. The sapphire-blue quartz is wonderful to behold and exciting to find in the field. The rich blue colors hold your attention and move you to plan a collecting trip. The variable rose colors beckon the collector to cut and polish slabs of rose quartz rough. Both varieties of quartz truly deserve a spot in your collection.

### References:

*Coblieg, T., 1986. Why is Blue Quartz Blue?, Geological Society of America 18:567*

*Frondele, C., 1962. The System of Mineralogy, 7th edition vol.3, Silica Minerals, John Wiley and Sons Publishers N.Y., 334*

*Koivula, J., 2003. Blue Quartz. Gems & Gemology 39, p.4-45.*

*Romero Silva, J.C., 1996. Blue Quartz from the Atequera Olvera Ophite, Malaga, Spain. The mineralogical Record 27, p. 99-103.*

*Rossmann, G.R., 1994. Colored Varieties of the Silica Minerals: In Silica: Physical Behavior, Geochemistry and Materials Applications, Edited by P.J. Heaney, C.T. Prewitt, and G.V. Gibbs, Washington, D.C., Mineralogical Society of America, Reviews in Mineralogy, vol. 29, p. 433-468.*

*Wise, M.A., 1981. Blue Quartz in Virginia, Virginia Minerals 27, p. 9-13.*

*Zolensky, M.E., Sylvester, P.J., and Paces, J.B., 1988 American Min-*

eralogist, 73, p. 313-332.

(via WSRC Petroglyphs, 05/15; via The Tumbler; 12/11; via Breccia, 11/11; via Gem Cutters News, 3/11; via Pick and Pack, 9/09)

Petroglyphs Editor—Rose & Blue Quartz pictures added:



### Emerald Folklore and Facts

Emerald is the most prominent of green gemstones both in popularity and in value. Its rich green hue brings to mind the regeneration of life in spring and hope of new possibilities. Ireland is known as the Emerald Isle for its lush green landscape and the Emerald City in the Wizard of Oz brought hope and new possibilities for the weary travelers we know and love. Emerald is the birthstone for May and a talisman for Gemini (Guess I'll need to wear more emerald).

It is believed Cleopatra was an avid collector of emeralds. Historians believe the ancient Egyptians mined emeralds as early as 3500 BC. Thus, Egypt was the primary source of emeralds until South America's rich bounty of emeralds was discovered by 16th Century Spanish explorers. These explorers found large emeralds in the possession of the Aztecs and Incas...the Incas actually offered emeralds up to their Gods. Believed by the ancients to empower the owner with foresight into the future, emerald is regarded as an amulet for good fortune.

Author: Michelle M. Rahm, is a GIA-trained Graduate Gemologist. Via KGMS Hard Rock News, 05/16; from Geology Tidbits.com

### WORDS AND PHRASES REMINDE US OF THE WAY WE WERE

By Betty Cain-SCRIBE, via The Rock it

Words are gone as fast as the buggy whip! The other day I said something to my son about driving a jalopy. He looked at me quizzically and said, "What the heck is a jalopy?" He had never heard of a jalopy!! If you Google "jalopy", the first thing that pops up is a site asking where you read the word – they want to know!

I hope you are Hunky Dory after this. A while back, I mentioned some old expressions that have been lost to the inexorable march of technology: phrases like "Don't touch that dial", "carbon copy," "You sound like a broken record" and "Hung out to dry". Here are some more.

Back in the olden days, we had a lot of moxie. We'd put on our best bib and tucker and straighten up and fly right. Hubba-hubba! We'd cut a rug in some juke joint and then go necking and petting, smooching and spooning, billing and cooing, or pitching woo in hot rods and jalopies in some passion pit or lovers' lane. Heavens to Betsy! Gee Whillikers! Jumpin' Jehoshaphat! Holy Moly! We were in like Flynn, living the life of Riley, and even a regular guy couldn't accuse us of being a knucklehead, a nincompoop or a pill. Not for all the tea in China!

Back in the olden days, life used to be swell, but when's the last time anything was swell? Swell has gone the way of beehives, pageboys and the D.A.; of spats, knickers, fedoras, poodle skirts, saddle shoes and pedal pushers. Oh, my aching back. Kilroy was here, but he isn't anymore. Like Washington Irving's Rip Van Winkle, we wake up from what surely has been just a short nap, and before we can say "I'll be a monkey's uncle!" or "This is a fine kettle of fish!", we discover that the words we grew up with, words that seemed set in stone, have vanished from our tongues, our pens and our keyboards. Poof, poof, poof go the words of our youth, words we've left behind. We blink, and they're gone, from the landscape and wordscape of our perception, like Mickey Mouse wrist watches, hula hoops, skate keys, candy cigarettes, little wax bottles of colored sugar water and an organ grinder's monkey.

Where have all those phrases gone? Long time passing. Where have all those phrases gone? Long time ago. Pshaw. The milkman did it. Think about the starving people in China. Bigger than a bread box. Banned in Boston. The very idea! It's your nickel. Don't forget to pull the chain. Knee high to a grasshopper. Turn-of-the-century. Iron curtain. Domino theory. Fail safe. Civil Defense. Fiddlesticks! You look like the wreck of the Hesperus. Cooties. Going like sixty. See you in the funny papers. Don't take any wooden nickels. Heavens to Murgatroyd! And awa-a-ay we go! Oh, my stars and garters! There are more lost expressions than Carter had little liver pills, fading words of our youth, lodged in our heart's core. Just as one never steps into the same river twice, one cannot step into the same language twice. Even as one word enters, other words are swept into the past, ever making a different river of words. We of a certain age have been blessed to live in changeful times. For a child, each new word is a shiny toy that has no age. We at the other end of the chronological spectrum remember words that once did not exist, words that once strutted their hour upon the earthly stage and are no longer heard except in our collective memory. It's one of the perks of aging. We can have archaic and eat it, too!! See ya' later, alligator!

Via Boulder Buster 05/16

#### 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.

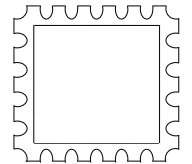
## Local Area Shows for 2016

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 25th 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
August 2016 5th 10pm—5pm 6th 10am—5pm 7th 10am—4pm	Far West Lapidary & Gem Society	54th Annual Gem and Mineral Show \$1 adults, 12 & under free w/ Adult	North Bend Community Center 2222 N. Broadway North Bend, OR
August 2016 12th 10am—8pm 13th 10am—8pm 14th 10am—6pm	Port Townsend Rock Club	Annual Rock, Gem, & Mineral Show in conjunction with the Jefferson County Fair	Jefferson County Fairgrounds 4907 Landers Street Port Townsend WA 98368
August 2016 13th 9am—5pm 14th 10am—5pm	Maplewood Rock and Gem Club	Annual Rock and Mineral Sale	Maplewood Rock and Gem Clubhouse 8802 196th ST SW Edmonds WA
August 2016 20th 9am—5pm	Shelton Rock and Mineral Society	7th Annual Tailgate Rock Sale and Swap Meet  Vendor space \$25	MCRA 2102 E Johns Prairie Rd Shelton, WA To register contact Susan @ 360-275-9432 or SRMS242@yahoo.com

Westside Board Meeting  
June 21, 2016  
7:30 PM

**Maplewood Clubhouse**  
**8802 196th St SW**  
**Edmonds**

COUNCIL REPORTER, Monthly publication of The  
Washington State Mineral Council



WASHINGTON STATE MINERAL COUNCIL  
27871 Minkler Road  
Sedro Woolley, WA. 98284

