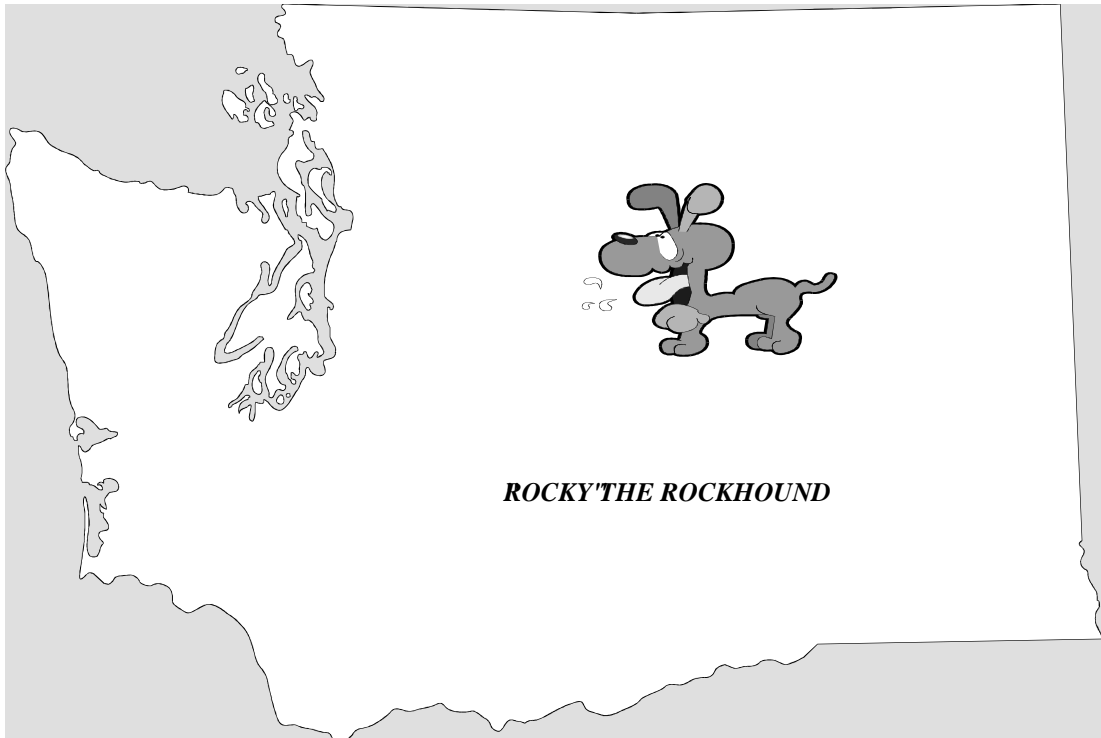

◆ **The Council Reporter** ◆

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Washington State Mineral Council**

**WASHINGTON STATE MINERAL COUNCIL
2014 OFFICERS**

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Wagonmaster	open		

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

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Westside Board Meeting Minutes 02/17/15

2nd VP Vesta Bettinger opened the meeting at 7:30pm

There was no treasurer's report

Wagonmaster:

Ed said the field trip list for 2015 is mostly complete and accurate. There may be a few tweaks but nothing major at this point.

Ed will be sending out PDF packets prior to each trip. The packets will contain information about the sites and maps.

The gate at Walker Valley is set up for a single lock. The DNR now controls access. Contact Stu Earnst so he can arrange to have the DNR open the gate if you plan on a trip there.

The Discover Pass is required if you have a vehicle parked at Walker Valley. There have been a few cases where rockhounds have been fined for not having the pass.

You need to join the Hell's Canyon club if you plan on going on the field trip to Clarkia, ID for garnets. The club said they also want to limit the number of vehicles going into the site.

Old business:

Bob Pattie reported on the progress of HB1271 which would increase rock collecting opportunities on state land. The bill is scheduled for an executive hearing on February 19. **(Update 02/20: No action on HB12771 on 02/19, hopefully our comments are helping. WSMC needs to come up with a plan to support this and similar bills)**

Comments are still being accepted. The comment page can be found here: <https://app.leg.wa.gov/pbc/bill/1271>. It only takes a few minutes to fill out the form so please support the bill. When sending in comments, please stress the educational aspects of our hobby.

Vesta talked a bit about the research she has been doing to create a FAQ for mineral claims. Here is a list of questions her club had on the subject:

1. How is a claim to be recognized? How can one tell what a claim is?
2. How to find out who is the "legal owner" prior to visiting the site?
3. What are the physical signs of a claim?
4. WHO of "legal owner" can kick someone off a claim?
5. WHO of "legal owner" can prevent someone from digging on

April 4, 2015 Combined Board Meeting AGENDA

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

Tentative Meeting Calendar for 2015

West side board meetings:
1/20, 2/17, 6/16, 08/18 (new meeting), 10/20

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

General meetings :
3/21, 5/09, 9/19, 10/31

All general meetings will be held at:

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

the claim?

6. How may a "legal owner" enforce claim ownership?
7. What documentation, if any, must support claim ownership as proof?
8. Do all claims have physical postings at the 4 corners of the claim?
9. Does the legal claim owner have to be posted at the 4 corners?

When we have accurate answers to each of the questions we will post them permanently on the website.

New business:

Vesta requested the Mineral Council display case for the North Seattle show.

Meeting adjourned,
Submitted by Glenn Morita, Secretary Pro-Tem

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(Continued from page 3)

Beaver Valley, WA Field Trip Report 1-10-15

by James Cerenzie

Me and Aidan headed over to the Olympic Peninsula for the WSMC sponsored field trip to go dig in the 50 million year old Crescent Basalt Formation. Quite fascinating considering this basalt formed in a submarine environment and is 3 times older than the flood basalts of Eastern Washington.

We all met up at 10:30 AM at the visitor center at the intersection of Hwy 104 and Beaver Valley road. Ed Lehman hosted the trip and informed us that we would be looking for geodes, calcite, and blue chert. All together there was only 9 people, so we headed less than a mile north on Beaver Valley Road to a gated dirt road and parked. Then we hiked a very short distance, taking the second right dirt road to the quarries. The first quarry we came to was an older quarry that hasn't been excavated in some time. Ed gave us a tour and we scrambled over the small hill on the east

side of this quarry to the second quarry which he told us had the blue chert.

As luck would have it, this second quarry was freshly blasted and cleared. It was a choice of walking around and picking the stuff up, or chiseling the freshly exposed seams. I chose the easy way and picked the stuff up. Also there was a huge pile, at least two stories high, of freshly piled crushed rock that we picked over.

The above picture is taken from atop the huge rock pile looking back at the fresh second quarry. The first older quarry is on the other side of the hill in the background.

In the foreground are pieces of blue chert I picked up from the large rock pile. Notice the cluster of drusy quartz on the top. Ed Lehman our host is in the middle, and the partial outline of the large rock pile is in the background.



Finally, some of us headed back to the first quarry to chisel out some geodes.

Aidan found a loose cluster of drusy quartz and a piece of bladed calcite. I tried my luck working a calcite geode to free it from some solid rock and unfortunately it came out in three pieces. After this we called it a day and left. It was a very good trip and well worth coming back!

Above are what me and Aidan found in the older first quarry. Calling it a day

from CMS eTumbler 02/15

HOW TO TELL YOUR ADIT FROM A HOLE IN THE GROUND

by Walt Margerum, MSSC member

If you are like me, you come across mining terms all the time and sometimes you wonder what they mean. I have therefore compiled a short list of terms with their meanings to assist and edify everyone.

1. Adit — An almost horizontal tunnel from the surface to

(Continued on page 5)

(Continued from page 4)

where you hope the ore is. Sometime the adit is dug primarily for haulage of the ore from the vein to the outside so that it can be more easily put in the dump. In this case it is called a haulage adit.

2. Decline — A tunnel dug at too steep an angle to easily walk. When you are at the bottom it is called a X%A&\$ incline.

3. Drift — A horizontal or nearly horizontal tunnel that usually does not intersect the surface, but hopefully follows the ore. If it intersects the vein it is called a cross drift. If it passes through the vein it is called a X%A&\$ drift.

4. Dump — The large pile of useless rock you spent many hours removing from the mine to get at the ore. Quite often everything from the mine.

5. Foot Wall — The lower wall of a vein. The one you try to stand on that is usually steep enough so that you slide down it to the vein.

6. Head Wall — The upper wall of a vein. The one you bang your head on.

7. Mine — A usually valueless hole in the ground into which otherwise intelligent individuals are willing to dump all their money.

8. Ore — The material removed from the mine that is sold in a vein attempt to make a profit.

9. Raise — A vertical or almost vertical shaft dug after you discover the vein is above the location of your tunnel.

10. Shaft — A vertical or almost vertical hole dug from the surface either along the vein or to where you hope the vein can be found. It is used to extract the ore until you decide it is easier to dig an adit for that purpose. This decision is usually made long after common sense dictates that is how you should have done it in the first place.

11. Stope — A large hole dug to extract ore. If the ore falls on your head as you remove it, it is called an overhead stope. If you have to bend over to dig the ore, it is called a backache.

12. Tunnel — A drift or adit. The term is usually used when you get lost and do not either intersect the surface or the ore.

from Stone Age News 12/14

FROM THE KOKOWEEF CAVERNS

Cave onyx from Kokoweef Caverns is beautiful, in a very unusual way. It occurs as bubbly popcorn type stalactites. The color is snowy or pearly, and the shapes are fantastic; fans, castles and sprays. Calcium carbonate can be easily worked and the

intricate growth circles can be displayed by cutting across the stalactite. The Piute Indians penetrated some 5,000feet into the caverns, and they were, of course, believed to be retrieving some of the El Dorado gold-bearing sands in the lost river that carved the caverns. This river is reputed to run at least eight miles underground at an average width of 850 feet and an average depth of 8 feet. The cave's silts and dried mud yield well preserved bones and skeletons of Pleistocene mammals that appear to have lost their way, pigmy deer, ringtail cats, bighorn sheep, antelopes, ground sloths, one large camel, one small three-toes horse, plus dozens of smaller species dating in comparative terms to the La Brea tar pits in Los Angeles. Kokoweef Peak is located near the Old California Trail of the early 1800s, not far from the Old Spanish Trails followed by the ill-fated Death Valley Party of 1840. It is 34 miles east of Baker, and 50 miles southwest of Las Vegas.

via West Seattle Petroglyphs 09/14, via The Tumbler 11/13;

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 will continue to re-direct you to the new location.

Dues are due

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

Kathy Earnst will be in town all spring so send in dues as soon as possible.

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.

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.

WSMC FIELDTRIPS 2015 (Will be updated—see mineralcouncil.org)

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

Date	Host	Site	Meeting place and time	Material	Tools
01/10	Msvl	Beaver Valley	10:30 @ info Center BeaverValley Rd	Chert & Zeolites	Hard rock tools
01/31	Msvl	Walker Valley	9 @ Big Lake Store	Geodes, Agate nodules	Hard rock tools
02/21	Msvl	Cedar Ponds	9:00 @ 2nd Monroe Jack n Box	Jasper	Dig & Lt hard rock tools
03/07	Msvl	Cherry Creek	9:00 @ Duvall Safeway	Jasper	Dig, Lt hard rock, wading
04/18-19	POW	Saddle Mt Mattawa, WA	8:00 @ Mattawa boat launch	Petrified wood	Dues required \$7.50/each \$15/family
004/25	Msvl	Racehorse Creek	9:00 @ IGA @ Nugents Corner	Fossils	Dig & Lt hard rock tools
05/23	Elb	Saddle Mt	9:00 @ Mattawa Leprechaun Market	Petrified wood	Dig, Lt hard rock
06/15	Spk	Emerald Creek	9:00 @ Emerald Creek Star Garnet Area, Idaho	Star garnet	Tweezers
06/21-24	Spk	McDermitt, NV	Call	Picture jasper, petrified wood, agate, thunder eggs	Lt hard rock
06/25-28	POW	Madras, OR	8:00 @ Fairgrounds see dues above	Petrified wood, agate, jasper, T-Eggs -\$1 #	
07/10-13	HC	Clarkia, Idaho	One day travel each way from Western Washington	Large garnets, quartz crystals	Dig & Lt hard rock tools
07/18	Dar	Darrington	11am @ show, Darrington Grange	Travertine	Lt hard rock tools
08/15-16	NWOS	Greenwater	9:00 @ Enumclaw Ranger Station	Agate, Jasper	Dig, Lt hard rock
09/12-13	POW	Red Top	8:00 @ camp (W fork M fork jct) Dues, see above	Agate, geodes, jade, jasper	
09/26	NWOS	Little Naches	9:00 @ Enumclaw Ranger Station	Thunder-Eggs	Dig, Lt hard rock
10/17	Msvl	Money Creek	9:00 @ Money Creek Camp	Ore, picture Jasper	Lt hard rock, light
11/14	MtBkr	Blanchard Mt	9:00 @ I-5 240 exit gas Station	Stilpnomelane & Chert	Hard rock tool

Host	Club	Contact info
Dar	Darrington Rock Club	Ed Lehman—wsmced@hotmail.com (425) 334-6282 or (425) 760-2786
Msvl	Marysville R & G Club	Ed Lehman— wsmced@hotmail.com (425) 334-6282 or (425) 760-2786
POW	All Rockhounds Pow Wow Club of America	Larry Vess –vessel3@comcast.net (253) 473-3908
Elb	Ellensburg Rock Club	Steve Townsend—srtrocks@aol.com (509) 933-2236
Spk	Spokane Rock Rollers	Mike Shaw— mikeshawmoose@yahoo.com— (509) 244-8542
NWOS	Northwest Opal Society	Tony Johnson— (253) 863-9238
HC	Hells Canyon Gem Club	Dan Cease—rockmangem@q.com (509) 254-1720

This is just a project in works. Participants please respond with corrections and updates.

Thanks, Ed

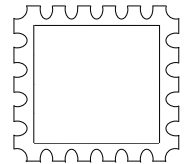
Local Area Shows for 2015

February/March 2015 28th 10am - 6pm 1st 10am - 5pm	East KingCo Club	Annual Rock and Gem Show	Pickering Barn 1730 10th Ave NW Issaquah, WA
March 2015 6th 8:30am - 6pm 7th 9am - 5pm	Panorama Gem and Mineral Club	Annual show	NE Washington Fair Grounds, Ag Trade Center 317 West Astor Colville WA
March 2015 7th 10am - 6pm 8th 10am - 5pm	Owyhee Gem & Mineral Society	61st Annual Rock and Gem Show	O'Conner Field House 2200 Blaine Caldwell, ID
March 2015 13th 9am - 5pm 14th 9am - 5pm 15th 10am - 5pm	Tualatin Valley Gem Club	Annual Show	Washington County FairPlex 873 NE 34th Ave. Hillsboro, OR.
March 2015 14th 9am - 5pm 15th 9am - 5pm	Magic Valley Gem Club	64th Annual Show	Twin Falls County Fairgrounds 215 Fair Ave. east of Filer on US Hwy. 30
March 2015 14th 10am - 5pm 15th 10am - 4pm	Northwest Montana Rock Chucks	8th Annual Rock and Mineral Show \$1, kids free	Flathead County Fairgrounds Grandstand Bldg. 265 N. Meridian Rd Kalispell, MT
March 2015 21st 9am - 6pm 22nd 10am - 5pm	Hellgate Mineral Society	Gems Of Montana 21 st Annual Gem, Mineral and Fossil Show \$2, under 14 free w/adult	Hilton Garden Inn 2730 North Reserve St. Missoula MT
March 2015 21st 10am - 5pm 22nd 10am - 5pm	North Seattle Lapidary & Mineral Club	61st Annual Rock and Gem Show	Lake City Community Center 12531 28th Ave. NE, Seattle
March 2015 27th 10am – 6pm 28th 10am – 6pm 29th 10am – 4pm	Rock Rollers Club of Spokane	56th Annual Gem, Jewelry and Mineral Show	Spokane County Fair & Expo Center N.604 Havana Spokane WA
March 2015 28th 10am - 6pm 29th 10am - 5pm	Mt. Baker Rock & Gem Club	54th Annual Rock and Gem Show	Bloedel-Donovan Park 2214 Electric Ave. Bellingham WA
March 2015 28th 10am - 6pm 29th 10am - 5pm	Sweet Home Rock & Mineral Society	67th Annual Rock & Mineral Show	Sweet Home High School Activity Gym 1641 Long St. Sweet Home, OR
April 2015 11th 10am - 6pm 12th 10am - 5pm	SE Idaho Gems & Mineral Society (SEIGMS)	Annual Rock and Gem Show \$2, 12 & under free/adult	Bannock County Fairgrounds 10588 Fairground Dr. Pocatello ID 83201
April 2015 11th 10am - 6pm 12th 10am - 4pm	Yakima Rock & Mineral Club	Annual Parade of Gems Adults \$3.50, Students \$2.00, <12 free w/adult	Central Washington State Fair Ground Modern Living Building 1301 South Fair Avenue Yakima ,WA 98901
April 2015 17th 9am - 6pm 18th 10am - 6pm 19th 10am - 4:30pm	Willamette Agate & Mineral Society	Annual River of Gems Show	Polk County Fairgrounds 520 S. Pacific Hwy Rickreall, OR
April 2015 18th 10am - 5pm 19th 10am - 4pm	Lakeside Gem & Mineral Club	Annual Rock & Mineral Show	Benton Franklin County Fairgrounds 1500 S. Oak Kennewick, WA
April 2015 18th 10am - 6pm 19th 10am - 5pm	Idaho Falls Gem & Mineral Society	51st Annual Show	Idaho Falls Recreation Center B Street Idaho Falls, ID

Combined Board Meeting
March 21, 2015
9:30 AM

Palace Café
4th & Main
Ellensburg

COUNCIL REPORTER, Monthly publication of The
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WASHINGTON STATE MINERAL COUNCIL
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