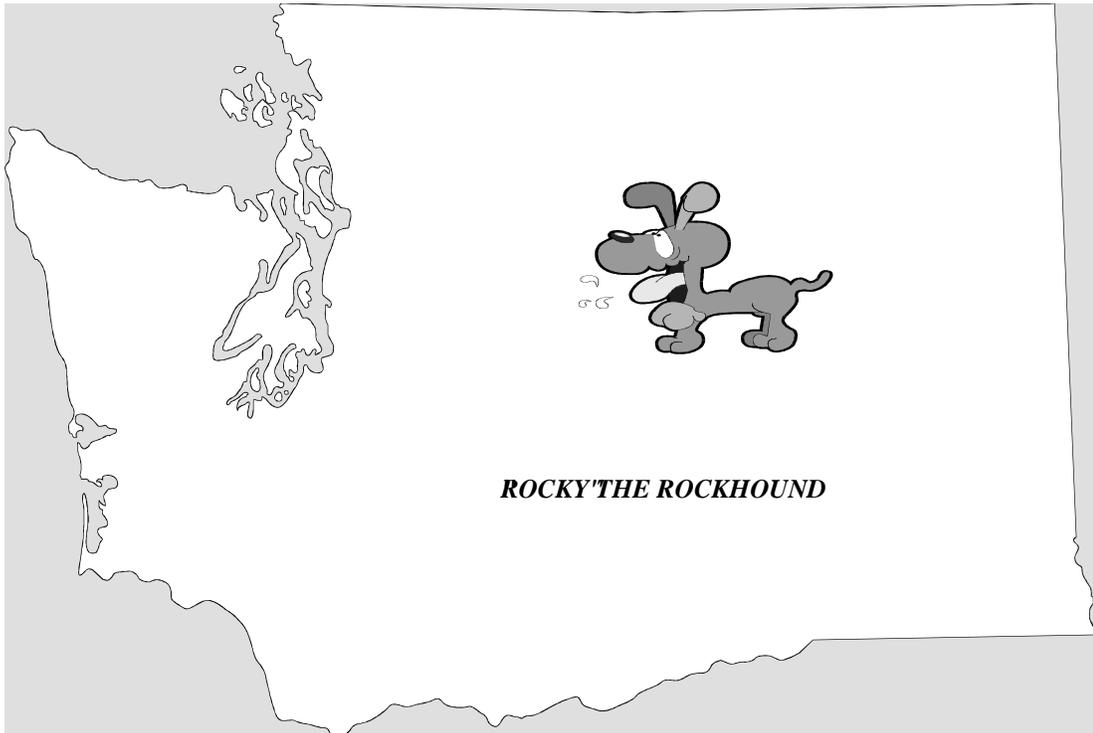

◆ **The Council Reporter** ◆

Volume 34, Issue 1

January 2014



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

**WASHINGTON STATE MINERAL COUNCIL
2013 OFFICERS**

OFFICERS

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| Treasurer | Kathy Earnst | earnstkk@comcast.net | (360)856-0588 |
| Imm Past Pres: | Andy Johnson | cbagates@hotmail.com | (509)546-1950 |

TRUSTEES --- EAST SIDE

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|----------------|---|------------|----------------|
| Steve Townsend | srtrocks@aol.com | (11-12-13) | (509)-933-2236 |
| Howard Walter | 1 S. 56th Ave, Yakima, WA 98908-3107 | (12-13-14) | (509) 972-3437 |
| Dale Geer | P.O. Box 34, Moxie, WA 98936 | (12-13-14) | (509) 248-6975 |
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| Dave Mastin | davemastin@yahoo.com | (13-14-15) | |

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| Gordon Lyons | gordlyo82@gmail.com | (13-14-15) | |
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| 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 Quarterly meetings, unless a meeting is specially called. Usually no meeting in July and December dependent on Board action.

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West side meeting minutes 01/21/14

Meeting opened at 7:33pm by acting VP, Lisa Bishop Waters

Members present: Stu and Kathy Earnst, Lisa Bishop Waters, Glenn Morita, Ed Lehman, Jim Miller, Bob and Jackie Pattie, Diane Myers, Vickie Foster, Neg Kennelson, and Vesta Bettinger.

Kathy gave the treasurer's report

Correspondence:

Insurance company gave us notice that they will be decreasing the coverage for losses due to terrorist action. Change in coverage will happen on November 2014.

Old Business:

Bob Pattie said he has not heard from Olympia regarding the Teanaway meeting. Lisa said she was going to attend but her car died and she was unable to make it.

The North Seattle club would like to display the WSMC mineral cases at their show in March. Bob will have the collection ready at the February board meeting. Ed said one case with samples from all the field trips is his personal case.

The Thulite trip has been changed, Saturday will be the Marysville trip and Sunday will be the WSMC trip.

GPS co-ordinates are still needed, thanks to those of you who have sent some in.

New business:

The lease for Walker Valley will need renewing this spring. The lack seems to be working and has not needed replacement.

Neg asked about access to Hanson Creek beyond the "shooting pit". There is a locked gate at the pit and it's a 3 mile hike to reach the upper area.

There is a rumor that the 6100 Burma Rd has been purchased by the Muckleshoot tribe. They bought the land to keep it free from harvesting or other development.

Senator Patty Murray and others are trying to get much of the land in the Olympic National Forest turned into wilderness. Basically, this would preclude almost any type of activity, even hiking would be restricted.

The lock to the Maplewood clubhouse is going to be re-keyed.

Field trips:

Ed Lehman said he would be in charge of seeing that field trip information is mailed. He will not be able to attend all field trips. Cedar Ponds is the next field trip.

The Beaver Valley trip was well attended. A couple of people ignored the orientation/rules prior to the onset of collecting. One car failed to park in the designated area. We need to re-

**February 18, 2014
Westside Board Meeting
AGENDA**

Opening of Meeting

◊ Brad Johnson

Treasurer's Report

◊ Kathy Earnst

Committee Reports

◊ Wagonmaster -Ed Lehman

Old Business

New Business

Open Comments

Tentative Meeting Calendar for 2014

West side board meetings:

1/21, 2/18, 4/15, 6/17, 10/21

At 7:30PM at the

Maplewood Clubhouse

8802 196th St SW, Edmonds

General meetings :

4/5, 5/3, 9/20, 11/1

All general meetings will be held at:

Palace Café

4th & Main

Ellensburg

Meeting @ 9:30 AM

mind everyone attending these trips about field trip etiquette.

Nominating committee:

Brad Johnson and David Prado had to withdraw from their nominations for personal reasons. Vesta Bettinger from the North Seattle club agreed to be nominated as a West side trustee. Perry Gulsvig agreed to another term as First VP. Lisa Bishop Waters agreed to temporarily take over for Brad as First VP until election are held.

Stu will confirm that the Palace Café is expecting the WSMC on 4/5.

Meeting adjourned at 8:25pm

Respectfully submitted

Diane Myers, Secretary

The Minerals Of Makeup

by Donna Boreck & Liane Kadnuck

Have you ever read the list of ingredients in makeup, shampoo
(Continued on page 4)

(Continued from page 3)

or toothpaste? It might surprise you. Many personal-care products contain a wealth of mineral materials taken from the earth.

Take, for example, eye shadow. One of the first ingredients listed in eye shadow is usually talc - a magnesium silicate mineral. Its platy crystal habit is in part the reason why talc has been an important ingredient in cosmetics since 3500 B.C. The plates glide smoothly across each other, allowing makeup to be applied easily. They lie across the pores in the skin and lessen the chance of clogging pores, while providing texture to the skin.

Yet they are translucent enough not to be seen. Talc is resistant to acids, bases and heat and tends to repel water. In addition to eye shadows, talc is used in loose and pressed powders and blushes, is a filler in some deodorants, and is added to lotions and creams. Talc can also be found in chewing gum and pharmaceuticals.

Mica, a mineral widely used in eye shadow, powder, lipstick and nail polish, is added to give luster or pearlescence to a product. Mica is resistant to ultraviolet light, heat, weather, chemical attack and adheres to the skin. Like talc, it has excellent slip characteristics and may be used to replace talc in makeup. When coated with iron oxide, mica flakes sparkle with a gold tint.

Kaolin, a clay, is added to makeup to absorb moisture. It covers the skin well, will stay on the skin and is resistant to oil. Kaolin and another clay, bentonite, are added to the earth-based face masks or packs predominately for their cleansing effects. Clays are also used as fillers in different products.

Powdered calcite, a calcium carbonate, absorbs moisture. Because of this, calcite and a magnesium carbonate, processed from dolomite, are added to powders to increase the ability of makeup to absorb moisture. When it comes to makeup, color is the name of the game. Minerals provide coloring for the eyes, cheeks, lips and nails. Iron oxide, one of the most important Color minerals, was used by Cleopatra in the form of red ochre as rouge. Today, iron oxides give red, orange, yel-

low, brown and black tones to makeup.

Chrome oxides are used for greens, manganese for violet or purple, ground lapis lazuli may be added to makeup for blue. Ultramarine blue and pink coloring is made from a mixture of kaolin, soda ash, sulfur and charcoal. Even gold has historically been used as a colorant. Ancient Egyptians used gold to color skin and hair. Gold can still be found in powders and makeup to add a rich, golden tone to the skin.

As an artist starts a painting with a bright white canvas to give the colors brightness and intensity, titanium dioxide is added to brighten and intensify the color of makeup, and to give whiteness and opacity. Titanium dioxide is also a natural sun-block and like talc, iron oxides and gold it has been used for centuries. Titanium dioxide can be found in any makeup shadow, blush, nail polish, lotions, lipsticks and powders. Titanium dioxide also makes Oreo cookie frosting extra white, and is the "M" on M&Ms candy.

Minerals also find their way into health care products we use daily. Salt is effective in treating skin disease and is used in some soaps. Fluorite, processed for fluoride, is added to toothpaste and drinking water to help prevent tooth decay. Calcium carbonate (calcite) and baking soda are abrasives in toothpaste. A borax and beeswax mixture is added to cleansing creams as an emulsifier to keep oil and water together. Boric acid is a mild antiseptic and is added to powder as a skin-buffering agent. Zinc oxide is added to creams to allow the cream to cover more thoroughly. Zinc oxide ointment, which contains approximately 20% zinc oxide, is used to heal chapped skin. When an unlucky hiker runs into poison ivy, calamine base lotions are often used to soothe the itchy skin. Calamine is another name for hemimorphite, a zinc silicate mineral.

As you can see, minerals are found in many things we use. So the next time you are in the supermarket, take a moment and acquaint yourself with the multitude of minerals that are a part of our daily lives.

via CMSE Tumbler, 01/14, Golden Spike News, 9/13; via Rock Buster, 9/13; via Rocky Echoes, 2/00; via KGEMS Newsletter; via The Glacial Drifter; via The Rockfinder; from Bellflower Gem & Mineral Society

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.

Jasper

Jasper is an opaque, impure variety of silica, usually red, yellow or brown in color. This mineral breaks with a smooth surface, and is used for ornamentation or as a gemstone. It can be highly polished and is used for vases, seals, and at one time for snuff boxes. When the colors are in stripes or bands, it is called striped or banded jasper. Jaspilite is a banded iron formation rock that often has distinctive bands of jasper.

(Continued on page 5)

(Continued from page 4)

Jasper is basically chert which owes its red color to iron inclusions. The specific gravity of jasper is typically 2.5 to 2.9. The Name means "spotted stone", and is derived from Anglo-French jaspre, from Old French jaspe, from Latin iaspidem, the Accusative of iaspis, from Greek iaspis, via a Semitic language (cf. Hebrew yashepeh, Akkadian yashupu), ultimately from Persian yashp.

Jasper is known to have been a favorite gem in the ancient world; its name can be traced back in Hebrew, Assyrian, Persian, Greek and Latin. On Minoan Crete within present day Greece jasper was carved to produce seals circa 1800 BC based upon archaeological recoveries at the palace of Knossos. The word yashepeh in the Masoretic text of Exodus 28:20, referring to a stone in the Hoshen, is thus reflected in the Septuagint by the word Iaspis, and usually translated into English as Jasper. Despite the most common form of Jasper being red, scholars think that the yashepeh here actually refers to a green form

of Jasper—which was very rare, and so highly prized; the Greeks used Iaspis to refer to the green form, while the red form simply fell under the term Sard—which just means red. Rebbenu Bachya argues that this stone represents the tribe of Benjamin, but there is actually a wide range of views among traditional sources about which tribe the stone refers to.

Jasper can appear as an opaque rock of shades of red due to Mineral impurities. Patterns can arise from the formation process and from flow patterns in the sediment or volcanic ash that was saturated with silica to form jasper, yielding bands or swirls in the rock.

Jasper may be permeated by dendritic minerals providing the appearance of vegetative growths. The jasper may have been fractured and/or distorted after formation, later rebonding into discontinuous patterns or filling with another material. Heat or environmental factors may have created surface rinds (such as varnish) or interior stresses leading to fracturing.

RICE NW MUSEUM OF ROCKS & MINERALS PRESENTS

MYSTERY MINERAL DAY

SUNDAY FEB. 23RD 2014 **1:00PM TO 5:00PM**

BRING YOUR MYSTERY MINERALS, METEORITES, ROCKS & FOSSILS!

MUSEUM PERSONNEL WILL IDENTIFY YOUR MYSTERIES!

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A brown jasper that occurs as nodules in the Libyan desert and in the Nile valley is known as Egyptian jasper or Egyptian pebble. Picture jaspers simultaneously exhibit several of these variations (such as banding, flow patterns, dendrites or color variations) resulting in what appear to be scenes or images in A cut section.

Spherical flow patterns produce a distinctive orbicular appearance. Complex mixes of impurities produce color variations. Healed fractures produce brecciated jasper. Examples of this Can be seen at Llanddwyn Island. Another type of Jasper is Leopard Jasper, also known as Orbicular Jasper. It is composed primarily of silicon dioxide (SiO₂) and is a variety of Chalcedony, a type of quartz. Leopard Jasper is usually an opaque combination of tan, gray, black or reddish-brown circles or 'spots' of color, hence its name.

via Stone Age New 01/14, excerpted from Wikipedia

WSMC FIELDTRIPS 2014 DRAFT (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 cel (425) 760=2786.

| Date | Host | Site | Meeting place and time | Material | Tools |
|----------|-------|------------------------|-------------------------------------|--|---------------------------|
| 01/18/14 | Kit | Beaver Valley | 10:30 @ info Center BeaverValley Rd | Chert & Zeolites | Hard rock tools |
| 02/15/14 | Msvl | Cedar Ponds | 9:00 @ Monroe Jack n Box | Jasper | Dig & Lt hard rock tools |
| 03/15/14 | Msvl | Cherry Creek | 9:00 @ Duval Safeway | Jasper | Dig, Lt hard rock, wading |
| 04/19/14 | MtBkr | Racehorse Creek | 9:00 @ IGA @ Nugents Corner | Fossils | Dig & Lt hard rock tools |
| 05/17/14 | Elb | Saddle Mt | 9:00 @ Matawa Leprechaun Market | Petrified wood | Dig, Lt hard rock |
| 06/14/14 | Spk | Emerald Creek | TBD | Star garnet | Tweezers |
| 07/13/14 | Spk | Lolo Pass | TBD | Smokey quartz | Dig, Lt hard rock |
| 08/02/14 | Shltn | Salmon Creek | I-5 Park & ride in Toledo | Agate, petrified wood, pseudo coprolites | Wading |
| 08/16/14 | NWOS | Greenwater | 9:00 @ Enumclaw Ranger Station | Agate, Jasper | Dig, Lt hard rock |
| 09/13/14 | NWOS | Little Naches | 9:00 @ Enumclaw Ranger Station | Thunder-Eggs | Dig, Lt hard rock |
| 10/04/14 | Msvl | D.P. Mine & H.T. Creek | 9:00 @ Money Creek Camp | Ore, picture Jasper | Lt hard rock, light |
| 11/08/14 | MtBkr | Blanchard Mt | 9:00 @ I-5 240 exit gas Station | Stilpnomelane & Chert | Hard rock tool |

Host Club Contact Info

Kit = Kitsap M & G Soc— T B D

Msvl = Marysville R & G Club - Ed Lehman wsmced@hotmail.com (425) 334-6282 or (425) 760-2786

MtBkr = Mount Baker R & G Club—Kris Menger @ (360) 927-0994 kmenger@comcast.net

Elb = Ellensburg R Club—Steve Townsend—(509) 933-2236 srtrocks@aol.com

Spk = Spokane Rock Rollers—Mike Shaw—(509) 244-8542 mikeshawmoose@yahoo.com

NWOS = Northwest Opal Soc—Tony Johnson—(253) 863-9238

This is just a work in process. Participants please respond for corrections and updates.

Thanks, Ed



Orbicular jasper



Bruneau jasper



Bloodstone

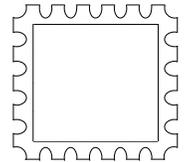
Local Area Shows for 2014

| | | | |
|--|--|--|---|
| February 2014 8th 9am—5pm 9th 9am—4pm | Whidbey Island Gem Club | 49th Annual Sweetheart of Gems Show | Oak Harbor Senior Center 51 SE. Jerome Street Oak Harbor, WA |
| February 2014 14th 9:30am – 5:30pm 15th 9:30am – 5:30pm 16th 9:30am – 5:30 pm | Oregon Agate and Mineral Society | OAMS Gem and Mineral Show | OMSI 1945 SE Water Avenue Portland OR 97214 |
| February 2013 22th 10am - 6pm 23th 10am - 5pm | Idaho Gem & Mineral Club | Annual Gem And Mineral Show | Expo Idaho Fairgrounds 5610 Glenwood & Chinden Boise, Idaho |
| March 2014 1st 10am - 6pm 2nd 10am - 5pm | East KingCo Club | Annual Rock and Gem Show | Pickering Barn 1730 10th Ave NW Issaquah, WA |
| March 2014 1st 10am - 6pm 2nd 10am - 5pm | Owyhee Gem & Mineral Society | Annual Rock and Gem Show | O'Conner Field House 2200 Blain Caldwell, ID |
| March 2014 7th 9am - 5pm 8th 9am - 5pm 9th 10am - 5pm | Tualatin Valley Gem Club | Annual Show | Washington County FairPlex 873 NE 34th Ave. Hillsboro, OR. |
| March 2014 8th 9am - 5pm 9th 9am - 5pm | Magic Valley Gem Club | Annual Show | Twin Falls County Fairgrounds 215 Fair Ave. east of Filer on US Hwy. 30 |
| March 2014 15th 10am - 5pm 16th 10am - 5pm | North Seattle Lapidary & Mineral Club | 60th Annual Rock and Gem Show | Lake City Community Center 12531 28th Ave. NE, Seattle |
| March 2014 15th 10am - 6pm 16th 10am - 4pm | Northwest Montana Rock Chucks | 7th Annual Rock and Mineral Show | Flathead County Fairgrounds Grandstand Bldg. 265 N. Meridian Rd Kalispell, MT |
| March 2014 23rd 9am - 6pm 24th 10am - 5pm | Port Angeles Club | 4th Annual Rock, Gem & Jewelry Show | Port Angeles Parks & Recreation Vern Burton Community Center 308 E. 4th St |
| March 2014 28th 10am – 6pm 29th 10am – 6pm 30th 10am – 4pm | Rock Rollers Club of Spokane | 55th Annual Gem, Jewelry and Min- eral Show | Spokane County Fair & Expo Center N.604 Havana Spokane WA |
| March 2014 29th 10am - 6pm 30th 10am - 5pm | Mt. Baker Rock & Gem Club | 53rd Annual Rock and Gem Show | Bloedel-Donovan Park 2214 Electric Ave. Bellingham WA |
| March 2014 29th 10am - 6pm 30th 10am - 5pm | Sweet Home Rock & Mineral Society | 66th Annual Rock & Mineral Show | Sweet Home High School Activity Gym 1641 Long St. Sweet Home, OR |
| April 2014 11th 10am - 8pm 12th 10am - 6pm 13th 10am - 4pm | B.C. Lapidary Society | Annual Show Adults \$6, Students \$2 Under6 free w/adult | Ag-Rec Bldg., CFV Fairgrounds 32470 Haida Dr. Abbotsford, BC, Canada |
| April 2014 11th 10am - 5pm 12th 10am - 5pm 13th 10am - 4pm | Mt. Hood Rock Club | 57th Annual Rock and Gem Show | Kliever Memorial NG Armory On 10000 NE 33 rd Dr., Portland OR (just west of the PDX airport in between NE Marine Dr. & NE Columbia Blvd.) |

Westside Board Meeting
February 18, 2014
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

