



From the President's Pen

It's Rockhounding time! Members of our club have already left to search for & dig precious opals up in Virgin Valley, NV. Our Rollin' Rock Bulletin lists upcoming field trips. Our website, rockrollers.com has photos of previous outings and events.

If you're staying close to home, our Lapidary Shop is open every Monday & Wednesday nights (except for holidays). So, there's plenty of things to be doing. Enjoy your time!

— Teresa Johnson

Vice President's Corner

Opalized Wood Occurrence in the Eocene Formation of East Roseville

Between 35 and 50 Million years ago during the Eocene Period the site of East Roseville was a deltaic environment. Ancestral drainage from the American River and other small tributaries contributed large amounts of sediment and organic debris to an embayment where large trees were buried in quartz-rich sands.

The geology of this area was recently exposed during excavation for a construction project and many opalized logs were found and carefully excavated. Well preserved sedimentary structures were identified and mapped and the opalized logs were found to be oriented in a downstream direction. One of the largest opalized trees was identified as a Laurel tree and measured over 50 feet in length and 3 feet in diameter.

Come hear our very own Michael Hunerlach as he speaks to us about Roseville's petrified wood. He spent most of his career as a Research Geologist with the US Geological Survey and the last 8 years as a mining geologist with the US Forest Service prior to retiring in December of last year.

He has been a "rockhound" for more than 40 years, having started with the Carmichael Gem & Mineral Society in the mid 60's. As a 5th generation native Californian he has a strong interest in local geologic history.

— Matthew Stanley

Reminder — the RRR By-Laws prohibit members from selling items during our Educational Meetings.

A member is welcome to bring an item to put out for display in the Show & Tell area.

Displaying items for sale is not allowed. The venue for member sales is either via the Show or Tailgater.

Educational Program for June 14, 2016

Roseville Petrified Wood By Michael Hunerlach

See the message in the Vice President's Corner for a further description of this exciting presentation.



The photo is of a petrified wood log found near Sierra College Boulevard in Roseville.

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MINUTES FOR ROSEVILLE ROCK ROLLERS EDUCATIONAL MEETING MAY 10, 2016

Call to Order at 7:02 p.m. by Vice President Matthew Stanley. President Teresa Johnson arrived later.

Flag Salute led by Cora Wandel.

Present: 61+ Members, 3 Rookies and 6 Guests.

Introductions by Guests.

Sunshine – Chair Cyndy Burchard was absent.

Juniors – Carole Kowalik reported 9 juniors attended the Rookies meeting. Quentin gave a presentation on smoky quartz. Jim Hutchings brought samples for their collections. Juniors made pendants/bookmarks/letter openers using donated cabochons and tiny bright colored rocks. Quentin Stanley received the rockhound badges which he earned during the past 2 years.

Treasurer – Terry Yoschak reported the audit for the financial records for the Society showed all was in good order. She shared the profit made from the annual show.

Secretary – Florence Brady had no report.

Vice President/Programs – Matthew Stanley reported the program for June will be a presentation given by Michael Hunerlach, on Roseville petrified wood.

CFMS Director – Steve Smith reported applications for Camp Paradise are available. Glenn Fiala reported on his experience at the Camp last summer. Discussion regarding writing letters to legislators regarding possible closure of more lands. Steve has been in contact with Al Bolshazy, PLAC Chairman for Northern CA and NV, and NV Representative with ALAA and Congressman Mark Amodei, who was Executive Director of NV Mining Assn before being elected to Congress.

Field Trips – Gordon Standlee was absent, but he will be leading the field trip as planned, on Sunday, May 15th.

Librarian – Karla Shannon reminded members to sign out for books or magazines and to return within 2 months.

Lapidary Classes – Judy Osmundson said the first carving class is full, she is taking names for the 2nd class.

Show – no report.

Lapidary Shop – Jim Hutchings reported he mowed the high grass around the shop. Stan Bollinger has donated a trim tile saw for use at the shop. Jim needs helpers to build a new fence, type to be determined, for around the shop.

Refreshments – Chris Davis reported she needs volunteers to bring refreshments for the June Ed. Mtg.

Old Business – members were reminded about the Tailgater on Saturday, May 14th.

Drawings - winners were: Member, Lonnie Riggs; Junior Nick Kakoulli and Guest Zoe Stanley. Nancy Hood, as Chair for Silent Auction during the show, thanked all the volunteers who worked with her at the SA.

Auction – the oral auction started, with Hugh Brady, Carole Lockhart and Janet Longueira as auctioneers.

Recess for Refreshments, the auction concluded.

Adjournment – meeting was adjourned at 8:45 p.m.

MINUTES FOR ROSEVILLE ROCK ROLLERS BOARD MEETING MAY 10, 2016

Call to Order by Teresa Johnson, President at 8:50 p.m.

Present – 7 officers, there was a quorum.

Membership Applications – a motion was MSA to accept the membership applications from Jack Harrison, Ally Harrison, (Junior); Peter Madson; Kellie and Jack (Junior) Rafferty and Robert Wood.

Adjournment – meeting was adjourned at 8:53 p.m.

Respectfully submitted,
Florence Brady, RRR Secretary

MINUTES FOR ROSEVILLE ROCK ROLLERS BOARD MEETING MAY 24, 2016

Call to Order by President Teresa Johnson at 7:00 p.m.

Present: all officers except for Jim Barton, Jim Hutchings and Steve Smith. Guest Colleen Ballard.

Minutes – a motion was MSA to accept the minutes for the for Bd. Mtg. April 26, 2016 and Ed. & Bd. Mtgs. May 10, 2016

Treasurer – Terry Yoschak shared financial information related to the Tailgater held on May 14th. We are waiting to receive the invoice for the rented porta potty.

Membership – Florence Brady reported we have 272 members.

Vice President – Matthew Stanley reported the program for the June 14th Ed. Mtg. will be a presentation by RRR Member Michael Hunerlach on Roseville petrified wood. It was decided to get in contact with Gary Carter to see if he can give a presentation on the Vulture Mine in AZ. We will do this along with the ice cream social. Matthew reported he will be moving in January. He needs suggestions for speakers for the fall programs. It was suggested he get in contact with Rich Dvoracek to see if he would like to do a presentation.

Librarian/Historian – Karla Shannon reported she had nothing new.

Bulletin Deadline – deadline for the June bulletin is Wed. May 25th.

Field Trip Leader – Gordon Standlee reported he had 18 people on the field trip to River Pines on May 15th. A get together at the Virgin Valley is this weekend.

Federation Director – Steve Smith was absent.

Lapidary Classes – still need a coordinator.

Sunshine – Florence reported a get well card was sent to George Comas.

Lapidary Shop – Jim Hutchings will be coordinating the new fencing project.

Directors – no reports. (See New Business.)

Juniors – Carole Kowalik reported for the June Rook-

ies' meeting, Nick Kakoulli will give a presentation on sodalite. She will have a fun activity planned.

Old Business -

Discussion on May 14th Tailgater. It was suggested a committee be formed to handle this event in the future. Discussion as to whether we had enough vendors (several cancelled) and enough visitors. The bill for the porta potty is yet to be received so total profit is not known. Decided to keep the vendors price for a site at \$10. Could encourage the sharing by up to 3 persons of a site. Discussed having a "swap table". Discussed whether or not the e-mail addresses for the past show could be used to send out an e-mail for the Tailgater. (They would not be addresses for the show we just had, rather ones sent out as a notice for the upcoming show.)

Scholarship – Richard Kowaleski reported there were only 4 applicants who submitted a graded paper. The committee felt none of them qualified for our scholarship and felt we should not award a scholarship. We need to decide if we wish to continue offering the scholarship to a Sierra College student. A motion was MSA to donate \$500 to the Sierra College Museum of Natural History. Richard will contact Dick Hilton to see where and how the college can use the \$500.

By-laws Committee – Florence and Matthew reported the work will be extensive and will take a while before being presented to the Board.

Progress report on 5013C – Steve Smith was absent.

New Business – Kelley Ballard reported RRR has been asked if we can loan some of our exhibit cases to the El Dorado Co. M & G Society. Terry Yoschak has 2 to give and Carole Lockhart has one to loan. We have up to 39 cases and Kelley explained the logistics which will have to be worked out in order to get them out of the storage trailer and onto a truck/trailer to take to Placerville.

Adjournment – meeting was adjourned at 8:07 p.m.

Respectfully submitted,
Florence Brady, RRR Secretary



June Refreshments

Refreshments for the June 14th Educational meeting are to be provided by Debi Roberts, Don Tadlock, Glenn Fiala, Gene Doyle and Chris Davis. Thank you all in advance!

We would appreciate if each family would sign up and bring a refreshment once in 2016.

Welcome New Members:

Jack Harrison
Peter Madson
Kellie Rafferty
Robert Wood

Welcome New Junior Members

Ally Harrison
Jack Rafferty

Rookie Rock Roller News

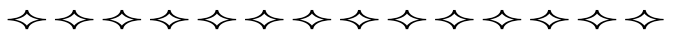


The Rookies will meet at the lapidary shop at 5:30 p.m. on Tuesday, June 14, 2016. At our last meeting, we had a great presentation from Quentin on smoky quartz. We enjoyed his talk so much. Jim Hutchings provided wonderful samples for their collections.

At our meeting in June, Nick will present sodalite. After the presentation, we will have some fun. If any new juniors are waiting for their name badges, let me know. If anyone is interested in earning AFMS badges, email or call me to arrange a meeting time and place.

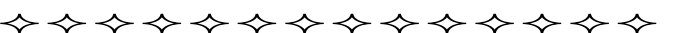
See you all at the meeting,

Carole Kowalik, Junior Advisor
916-705-2124 *home3004@gmail.com*



A get well card was sent to George Comas, who has a broken arm.

When you know of any member who is ill or has been hospitalized, please contact our Sunshine Chair, Cyndy Burchard, at 530-346-9481, or *cyned0523@yahoo.com*.



June Board Meeting

The meeting will be held Tuesday, June 28, at 7:00 PM in the club Lapidary Shop at the Roseville Fairgrounds.

Lapidary Classes

Lapidary Classes - Introduction to Shop Use & Cabochon making is \$10 per class for 5 classes or \$45 paid in full. Our Rock Hound Oasis is staffed Monday & Wednesday nights 5 pm - 9 pm! Learn more about the Lapidary Arts & Cabochon Making. A DVD is available for viewing at the Shop for Cabochon Making.

Regular \$5 per day or \$20 monthly rates apply for lapidary shop use after Orientation/Introduction classes.

Shop fee: Daily: \$5 or Monthly: \$20.

Large & Extra Large Saws: \$1 per slab for 18 inch saw & \$2 per slab for 24 inch saw for cutting large & extra large rocks.

Crafty Days - \$5 workshop fee. Bring whatever project you are working on and something to snack on for lunch! NO class fee, since this is not a class.

10 am-2 pm, each month on the 1st and 3rd Mondays.

Intro to Carving with Jim Christian

Bring Dremel with foot pad (if you have it), safety glasses, dust mask and apron. Fee \$40.

Saturday, June 11, 9 am—3:30 pm.
(Class is full)

Cabochon Wrapping with Judy Osmundson

Bring a cab it you have it, wire will be provided. Contact Judy for a tools list. Bring eye protection/magnification!

Sunday, June 12, 12-3:30. Fee \$25



Viking Knit Class with Judy Osmundson

All materials provided, bring chain-nosed pliers and eye protection/magnification!

Saturday, June 18, 12-3:30. Fee \$25



Mineral ID with Jim Hutchings

TBA Sign-up for next offering.

Learn the necessary tools, books & techniques of identifying rocks & minerals! Fee: \$25

Stereo-Microscope Workshop

TBA Sign up for next offering. Hands-on workshop on identifying gems and minerals, detecting flaws in lapidary material, and enjoying the beauty of smaller specimens. Scopes provided or bring your own. Fee: \$5

Remember - We ask that you sign up ahead of time for classes. For our classes listed as by appointment or TBA, we build the class based on sign-ups & instructors schedules. In other words, we make the date when we have sign-ups.

Shop Clean-up is something everyone does!

Use the full surface of the belts - to prevent premature wearing. A DVD is available for viewing at the Shop for Cabochon Making.

If you want to sign-up for any of the classes, email: classesforrockrollers@gmail.com



MINERALOIDS

The members of the (unofficial) Mineraloids Class are often mistaken for minerals and are sometimes classified as minerals, but lack the necessary crystalline structure to be truly classified as such. Pearl, jet and amber are in addition the products of organic process that further remove them from full mineral status. These materials are found naturally, some are treated as gemstones and are included in most mineral references - but you should know why there is a difference:

- Amber (Succinite - fossilized tree resin)
- Jet (Very Compact Coal)
- Lechatelierite (Nearly Pure Silica Glass)
- Limonite (A Mixture of Oxides)
- Mercury (A Liquid at Normal Temperatures)
- Obsidian (Volcanic Silica Glass)
- Opal (Hydrated Silica)
- Pearl (Organically Produced Carbonate)
- Tektites (Meteoritic Silica Glass)

Via Newsletter of the Pasadena Lapidary Society 10/11

THE ROCKHOUND'S CREED

By Charles G. Schweitzer

“Here, take a lot of rocks,” he said.
And all too gladly I was led
Where piles of rocks, a treasure store
Of agates, nodules, quartz and more
Were waiting for the cutter’s wheel
To fashion them with felt and steel.
“So, fill your sack, I like to start
Just such as you in the cutting art:
And think not I am over kind,
For there are many hwo you find
Will gladly share and gladly show
The tricks of trade that you should know.
One thing we pass on — don’t forget,
The more you give the more you get.”

Via The Rock Bag, 3/10

The Origin of Diamonds

by Lorraine Murphy, Minerals Chair, Culver City Rock & Mineral Club

Our planet has a metallic core. Surrounding the core is a 2900 km thick plastic zone called the mantle and above that is a thin crust. Diamonds in the laboratory form at pressures of at least 50 kilobar and at temperatures above 900 degrees. The upper mantle temperatures can exceed 1200 degrees Centigrade at 50 kilobar and at that temperature diamond formation is unstable.

Existing continents have a thick geologically stable, keel-like core that consists of very ancient rocks referred to as Archean cratons. These cratons (sometimes called shields) are at least 2.5 billion years old.

The thickness of the cratons is considered a contributing factor for the formation of diamonds. Under the old Archean cratons at 50 kilobar the temperatures are in the range of 900 to 1200 degrees Centigrade. It is there that conditions are suitable for the formation of diamonds. On the surface of the earth's crust the diamond is found in kimberlite pipes, a peridotite pyroxene-olivine mixture of blue, brecciated earth containing many other materials. Diamonds are also found in alluvium but that source is a product of erosion. The pipe is a funnel shaped formation that narrows into dikes at its base. It is a form of extinct volcano and was created by an eruption coming from deep in the upper mantle. (Volcanos such as Vesuvius come from much closer to the thinner parts of the crust.) These pipes erupted about 1,100 million years ago. When a gaseous kimberlite magma eruption formed, it blasted its way upward through the mantle and crust at about 10 miles an hour. Moving through a diamond bearing area, it carried the diamonds with it. Kimberlite magma does not form the diamonds but just carries them along. If it did not move through a diamond bearing area, the kimberlite pipe will not contain diamonds. If the eruption moves too slowly through the upper-most mantle, temperatures and pressure can become lower and the diamonds become unstable and will revert back to carbon in the form of graphite.

As the eruption nears the surface, the pressure becomes less, and the gaseous magma moves faster, (about 100 miles an hour.) Near the surface, in contact with ground water, it violently explodes into the air leaving a circular funnel shape called a diatreme and a rim of rock and minerals.

When the erupting magma blows, it spews out more than just diamonds. With diamonds, come other minerals including chrome diopside and garnets. The garnets are in a range of colors, purple being the most important because of its chrome content. In time, weathering, erosion and even glaciers erode all signs of the kimberlite pipe. It was a geochemist by the name of John Gurney that has helped to identify the presence of ancient, eroded pipes. His work has also been valuable

in identifying non diamond bearing pipes.

Earlier it had been found that inclusions in tiny purple, high chrome, low calcium garnets were in some diamonds, and that that kind of garnet had never been seen before. Gurney discovered that diamond bearing pipes also contained purple garnets that had the same chemical properties as the inclusions. He then found that pipes without diamonds had garnets but none of the garnets had the high chrome, low calcium chemical properties of the other garnets. Because of their abundance and presence, the diopside and the purple garnets are now considered diamond indicator minerals in the field. The purple garnet, which can also be a deep red, is called the G10 and its chemical properties are called its harzburgitic signature. Harzburgite is a type of peridotite. A diamond bearing pipe can also contain boulders of eclogite and those boulders can be extremely rich in diamonds. Eclogite has its indicator garnet—it is orange-colored. Eclogite is thought to be formed by the subduction of the basaltic ocean floor and that the source of carbon for the eclogite diamonds is organic carbon from the ocean that later mixes with mantle carbon.

Eclogite



The source of carbon for the harzburgite diamonds is thought to be strictly mantle. These are considered two different kinds of diamond and are referred to as p-type and e-type.

From The Nugget, 6/04

Photo from <http://all-geo.org/metageologist/2012/08/eclogite-mysterious-visitor-from-the-deep/>

**NORTH BAY FIELD TRIPS – FIELD TRIP ANNOUNCEMENT
OPEN TO ALL NBFT AND CO-OP MEMBER CLUBS**

SPIDER MINE – JUNE 12, 2016

Date: Sunday, June 12, 2016
Host Club: San Francisco Gem & Mineral Society
Contact: Harry White, SFGMS, 415-334-1512
hwhite.mwhite@gmail.com



Meeting Time & Location:

8:30 a.m., site of the old (now burned down) Wildwood Store, on Hwy 36 approx. 55 miles W of Red Bluff (1.5-hr drive) and 5 or 6 miles W of Basin Gulch Campground. The parking area is right on the road, at the junction with the road to Wildwood.

Site:

Spider Mine, under claim to San Francisco Gem & Mineral Society

Material:

Rhodonite. Spidery manganese patterns in the rhodonite give the site its name. Some of the rhodonite is combined with clear or white quartz for a very showy effect.

Tools:

The rhodonite occurs in large, dense, tough boulders. Bring heavy-duty sledges and chisels, pry bar, gloves and eye protection. A power drill may be provided but be sure to bring your own tools. Collectors generally work the boulders as a team, then divide the spoils at the end of the day. There is also surface collecting of smaller (less than 1 foot) specimens along the hillside. This material does not have to be shared but counts toward your 30 pounds.

Camping / Lodging:

Club members will be camping Saturday night at USFS Basin Gulch Campground. From Harrison Gulch Ranger Station on Hwy 36, drive west ¼ mile, turn left (S) on Stuart Gap, then left on White Rock Road to campground, about 1 mile. Campground has vault toilets, no water, no hookups. Possible potluck supper at camp on Saturday night. Motels are available in Red Bluff.

Facilities:

None at the mine. Expensive gas and limited groceries available at Wildwood and Platina.

Special Notes:

- Mine is open on Sunday June 12 only.
- Passenger cars can get all the way to the parking area above the mine, then a short walk downhill to the collecting area, which has very limited parking for a couple of 4WDs. (If you park a 4WD down the hill, please plan to help carry walkers' loads back up the hill!)
- Fee is \$5 per person to collect up to 30 pounds of material, then 50 cents per pound up to maximum of 100 pounds.
- Bring water and sunscreen – it can get quite hot. Bring lunch.
- Wear long sleeves to protect against sun, insects, and poison oak.
- Rattlesnakes have been seen at the mine.

CALL OR EMAIL THE TRIP LEADER TO MAKE A RESERVATION, SO YOU CAN BE NOTIFIED OF ANY CHANGES!!
IF YOU GET THE ANSWERING MACHINE, PLEASE LEAVE A MESSAGE.

Join Us On June 9, 2016
 For the
Annual Fossil Auction

6:30 Silent Auction & Potluck
7:15 Live Auction
 At
 Women's Thursday Club
 10625 Fair Oaks Blvd
 Fair Oaks, CA

Sponsored by
 Fossils For Fun Society

Sample Auction Items:

Silent Auction:

7 Trilobites and Identification Book
 Brontosaurus Tile, Framed

Live Auction:

Wire-wrapped Ammonite Pendant
 Teredo-bored Petrified Wood
 Bones from La Brea Tar pits
 Moroccan Ammonite Plate



June Calendar

Birthstone: Pearl



Sun	Mon	Tues	Weds	Thurs	Fri	Sat
For more class information, contact Class Coordinator: Teresa Johnson 916-929-0701 Email: classesforrockrollers@gmail.com			1 Lapidary Shop 5:00-9:00 pm	2	3	4
5	6 Crafty Day 10-2 Lapidary Shop 5:00-9:00 pm	7	8 Lapidary Shop 5:00-9:00 pm	9	10	11 Intro to Carving 9 am—3:30 pm
12 Cab Wrap Noon-3:30 pm	13 Lapidary Shop 5:00-9:00 pm	14 Meetings: Rookies 5:30 pm Club 7:00 pm	15 Lapidary Shop 5:00-9:00 pm	16	17	18 Viking Knit Noon-3:30 pm
19 HAPPY FATHER'S DAY	20 Crafty Day 10-2 Lapidary Shop 5:00-9:00 pm	21	22 Lapidary Shop 5:00-9:00 pm	23	24	25
26	27 Lapidary Shop 5:00-9:00 pm	28 Board Meeting 7:00 pm	29 Lapidary Shop 5:00-9:00 pm	30		

Co-Op and Other Field Trips

General Rules:

- These trips are open to all rockhounds who agree to abide by the AFMS Code of Ethics, the directions of the field trip leader and practice safe rockhounding.
- Call the field trip leader beforehand to sign up and for further information.
- Remember to wear your name badge and **sign in and out** with the field trip leader.
- Consent and Assumption of Risk Waiver of Liability form must be signed upon arrival at meeting site.

SCHEDULE for 2016	
June 12	Spider Mine, near Red Bluff, CA, for rhodonite. San Francisco GMS. Contact: Harry White, 415-334-1512, hwhite.mwhite@gmail.com
Aug 2—6	Prineville Oregon Area for Petrified wood, some blue vug agate, geodes, thunder eggs and jasper. Contact: Doug True - dtruefossils12@yahoo.com & local contact Debbie Bunn 916-929-6665
Aug 7—9	Condon, Oregon for John Day Fossil Beds National Monument and Condon Paleo Museum. Fossil leaf fee dig. Fossils For Fun. Contact: Debbie Bunn – 916-929-6665

Upcoming Northern California Shows

August 13 - 14: SAN FRANCISCO, CA

San Francisco Gem & Mineral Society
 San Francisco County Fair Building
 Hours: Sat. 10 - 6; Sun. 10 - 5
 Contact: Ellen Nott, (415) 564-4230
 Email: ellen_nott@yahoo.com
 Website: www.sfgemshow.org

September 16 - 18: PLACERVILLE, CA 77th CFMS Show & Convention

Hosted by El Dorado County Mineral & Gem Society
 El Dorado County Fairgrounds
 100 Placerville Drive
 Hours: Fri - Sun 10 - 5 daily
 Contact: Barbara Terrill, 530 676-2375
 Email: info@rockandgemshow.org
 Website: www.cfms2016show.com



Registration Forms are posted on the Show Web Site; all are due August 1. Lodging List also on web site.

TIP: LAPIS LAZULI OR SODALITE?

Look for pyrite inclusions in lapis lazuli if you want to know whether you have sodalite, lapis or imitation lapis or sodalite.

- Lapis-Lazuli – Look for pyrite inclusions.
- Sodalite – Does not have pyrite inclusions.
- Imitation Lapis – Inclusions are golden flakes.
- Blue Onyx – Another name for Swiss lapis.
- Swiss Lapis – A yellow jasper stained Prussian blue.

Lapis Lazuli is the gemstone with a rich blue color. Lazurite is the mineral name of the gem and ornamental stone Lapis-Lazuli. It has a hardness of 5-5-1/2, is a sodium aluminum silicate with some sulphur. Most of the properties of lazurite are similar to those of sodalite, but the association of pyrite with lazurite determines the identification.

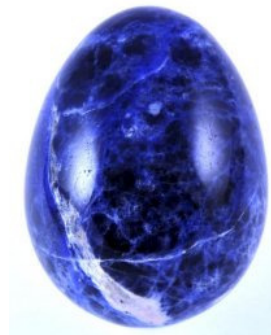
Sodalite is a sodium aluminum silicate with chlorine. It is 5-1/2 to 6 in hardness and the color is usually blue but may be white, grey, yellow or red. It is associated with other feldspathoids, particularly nepheline. Lapis requires fine sanding to prevent pyrite inclusions from protruding during polishing. Leather may be used with Linde A or chrome oxide for polishing. Sodalite polishes perfectly on felt with cerium oxide, after a fine job of sanding.

Hydrochloric acid is good for testing lapis-lazuli. A drop of it on the blue stone creates an odor of hydrogen sulfide. On the white areas it usually effervesces because the white is usually calcite. This test will distinguish Lapis from Sodalite.

From Tulip City Conglomerate via Ghost Sheet 6/10



Lapis



Sodalite

ROSEVILLE ROCK ROLLERS GEM & MINERAL SOCIETY
BULLETIN EDITOR
P.O. BOX 212
ROSEVILLE, CA 95678

Send exchange bulletins to
above address



June 2016

*** First Class Mail ***



the
**ROLLIN'
ROCK**

ROSEVILLE ROCK ROLLERS, INC.



MEMBER, CALIFORNIA FEDERATION OF MINERALOGICAL SOCIETIES
MEMBER, AMERICAN FEDERATION OF MINERALOGICAL SOCIETIES
VOL. 57 NO. 6 JUNE 2016

EDUCATIONAL MEETING 2ND TUESDAY OF EACH MONTH, 7:00 PM
EXECUTIVE BOARD MEETING 4TH TUESDAY OF EACH MONTH, 7:00 PM

EDUCATIONAL MEETING LOCATION: ROSEVILLE FAIRGROUNDS,
GARDEN ROOM, 800 ALL AMERICA CITY BLVD., ROSEVILLE, CA

BOARD MEETING LOCATION: ROSEVILLE FAIRGROUNDS,
LAPIDARY SHOP TRAILER BEYOND GATE "C" PARKING LOT

Changes and exceptions will be published in the bulletin.

GUESTS AND VISITORS ALWAYS WELCOME