



ROCKY TALES

Volume 44, Issue 1

January 2018

LAKE HAVASU GEM & MINERAL SOCIETY

The Official Publication of The Lake Havasu Gem & Mineral Society

Editor: Susan Sease

BOARD MEETING
January 10th, 5pm
Lake Havasu Gem &
Mineral Lapidary Shop
2186 McCulloch Blvd #B

**Rock & Egg
Breakfast**
January 22, 2018
9:00 a.m.
At
Golden Corral
1550 S. Palo Verde
**Mark your
calendar!**

GENERAL MEETING

January 12th!

Lake Havasu Gem & Mineral Lapidary Shop
2186 McCulloch Blvd #B
Lake Havasu City, Az. 86403
Meeting Begins @ 7:00 p.m.
Visiting @ 6:30 p.m.

Inside This Issue:

Lake Havasu Gem & Mineral Society Information	Page 2
President's Message	Page 3
Gem Show Review	Page 4
LHGMS General Membership Meeting Minutes	Page 6
LHMLG Meeting Minutes	Page 8
Mineral Fun Fact	Page 9
Havasu Rocks Workshops	Page 10
Birthdays and Anniversaries	Page 13



New year is a time to set new benchmarks,

To rediscover the strength within you,

And to prepare yourself for new challenges . . .

Wishing you a great year ahead!

CLUB INFORMATION

The Purpose of this Society shall be to:

- A. Increase our appreciation of the beauty and value of the land in which we live.
- B. Foster good fellowship among its members.
- C. Host an annual Gem and Mineral Show for the community.
- D. Foster awareness of the earth sciences by:
 - 1. Increasing knowledge pertaining to minerals, gems, and rocks.
 - 2. Disseminating knowledge of collecting and classification of minerals, fossils and rock through collection and classification.
 - 3. Improving the practical knowledge of cutting, grinding and polishing materials to use in the design and creation of jewelry and other useful objects.
- E. Provide educational scholarships in the scientific fields.
- F. Procure and improve the Society's property.

The Lake Havasu Gem and Mineral Society meets the second Friday of each month from September through May at **Lake Havasu Gem & Mineral Lapidary Shop 2186 McCulloch Blvd #B, Lake Havasu City, Az.**

The membership typically votes to eliminate the June, July, and August meetings.

Fiscal Year: February 1 – January 31.

Name badges are required for all members.
 One time or replacement badge cost - \$10.00
 Single membership cost - \$20.00
 Family sponsored Junior membership cost - \$10.00
 Family membership cost - \$20.00 for the first member and \$10.00 for each member thereafter with a maximum of \$30.00.

Annual Membership dues are payable on January 1 and shall be delinquent after the February meeting. Please remit payment to:

Lake Havasu Gem & Mineral Society
Attn: Membership Chairperson
P.O. Box 990
Lake Havasu City, AZ 86405-0990

The Lake Havasu Gem & Mineral Society is a member of The Rocky Mountain Federation of Mineralogical Societies (RMFMS) and associated with the American Federation of Mineralogical Societies (AFMS).

OFFICERS and DIRECTORS

Hank Smedley	President
Linda Harley	Vice President
Kathie Bryson	Secretary
Carol Lasater	Treasurer
Al Yanity	Sgt at Arms
Patrick Bell	First Year Director
Gayle Gilpin	Second Year Director
Carol Jose	Third Year Director
Barry Bandaruk	Past President
Michelle Smedley	Director of Operations Havasu Rocks

COMMITTEES

Club Promotion	Open	Gayle Gilpin
Communications	Susan Sease Bruce Wilhelm	Secretary Kathie Bryson
Education	Open	Patrick Bell
Facilities	Open	
Field Trips	Open	Kathie & Steve Bryson
Finance	Open	Carol Lasater
Fund Raisers	Open	
Gem Show	Barry Bandaruk	
Greeters	Edith Walden	Gayle Gilpin
Hospitality	Helen Reyes	Kathy Padilla
Property	Open	Carol Jose

Rocky Tales is published monthly. The submission deadline is the 3rd Friday of the month by email to:

aredtigress@gmail.com

Rocky Tales Team: Michelle Smedley, Linda Harley and Susan Sease

Website: Moderator: Bruce Wilhelm

<http://www.lakehavasugms.org/>

Facebook Page:

<https://www.facebook.com/lhcgems/?fref=ts>

--President's Message--

Hello Everyone,

I hope everyone had a great Christmas and New Year's holiday. This will be the last President's message I'll post in the Rocky Tales. Last Month we elected a new Board of Directors, congratulations to President Elect Linda Harley, Vice President Elect Ron Lee, Treasurer Elect Michelle Smedley, Secretary Elect Gayle Wilson, Sergeant at Arms Al Yanity, Store Director Cathy Viney, and 1st year Director Helen Reyes. I am sure they will all rise to meet the challenges of the new year. For the past two years, Vice President Linda Harley, Treasurers Carol Lasater and Jerry Harley, Secretary Kathie Bryson, Sergeant at Arms Ed Darnell, and Al Yanity, Director Gayle Gilpin, Director Carol Jose, Director Patrick Bell, Store Director Michelle Smedley, Past Presidents Barry Bandaruk and Susan Stievo and I, worked to make your desires a reality.

Through hard work and dedication we created a 501C3 Charitable Corporation, located a facility, purchased equipment and fixtures, built it out, staffed it and opened the Havasu Rocks retail store and lapidary shop. This was accomplished while continuing to conduct regular LHGMS club business. Our membership has also grown considerably during this period, we started with 150 members; we are now 460 members strong. It has been quite a journey, but there is still more to come.

So, for all their hard work please join me in thanking our outgoing Board of Directors for their outstanding accomplishments.

During this time, you were kept up to date on Club happenings via the Rocky Tales. Susan Sease has been the Editor for the past year and has done an outstanding job putting together our monthly newsletter. Thank you Susan for providing us an entertaining and informative monthly read, it is much appreciated.

My time as President is now ending, thank you for allowing me to lead our Club, I've had a great time. I am happy that you elected capable people who will continue to grow our organization. Please make sure to attend our next meeting as we install the new Board of Directors.



Havasus Rocks is on FaceBook!

FaceBook is a great way to get the word out to our friends in Havasu. If you're active on FaceBook, please visit our page, like it, share our posts and comment frequently. Here's the link:

<https://www.facebook.com/HavaRockShop2017/>

Lots of fun and food was had at the Lake Havasu Gem and Mineral Society Christmas Party!



Our special guest, Helen Milne is being assisted by Gayle Gilpin. Helen is 98 and is a founding member of the Lake Havasu Gem & Mineral Society!

Quartzsite Pow Wow 2018

Now in its 52nd year, Pow Wow is the oldest Gem and Mineral Show in Arizona featuring over 520 booth spaces. Vendors bring gems and mineral specimens from all over the world, which in many cases, they have personally collected. Many of the vendors have attended for over 40 consecutive years.

This year, as thousands of rockhounds converge into Quartzite, Our Club will hold its 5th overnight rockhound trip. The Dates are 1/17 to 1/23. Also, there are the Tyson Wells and Desert Garden Rock Shows that take place at the same time. Swap meets and RV shows complete the experience.



Steve Bryson and Al Yannity mining for Bacon Rock on one of the Quartzite Field Trips!

The LHGMS will gather on Plumosa Rd, just North of Quartzite. Plumosa Rd is about 6 miles North of Quartzite just past mile marker 119. Turn left and follow Plumosa Rd for about 2 miles and look for Blue Corner Flags, on the right, to guide you to our group. Barry Bandaruk's cell is 928-706-9382 for communication purposes.

Our schedule will include three days of field trips and some touring of the rock shows. Daily activities start at 8:30 A.M. We will have a pot-luck dinner on Saturday Night, 5 PM. If you cannot camp you may come down any day or just for the pot-luck. There are motels in Parker and Quartzite where you can stay as well!

Please bring food and dessert items you can share, firewood to burn, chairs, tables, and stories to tell! Walkie Talkies for field trips are also needed.

Wireless phone service is active. There are no trash collection points at this site, please practice "Leave No Trace" and Pack It In/ Pack It Out.

If you plan to participate, please email Barry Bandaruk, baresden@gmail.com, so he can pick out a campsite the right size to fit everyone.

Barry Bandaruk



LAKE HAVASU GEM & MINERAL SOCIETY
Minutes - General Meeting – Dec 8, 2017

Havasu Rocks
2186 McCulloch Blvd Unit B
Lake Havasu City, AZ 86403

Board Members in attendance:

Hank Smedley – President	Barry Bandaruk – Past President
Linda Harley – Vice President	Gayle Gilpin - 2nd year Director
Kathie Bryson – Secretary	Michelle Smedley – Director of Operations – Havasu Rocks
Carol Lasater - Treasurer	Al Yanity – Acting Sgt of Arms

Members present: 40

Guests present: 1

Club President, Hank Smedley called the meeting to order at 7:05 pm.

- **Flag Salute** - Hank led the membership in the Pledge of Allegiance.
- **Secretary's Minutes** – The minutes for the November General Meeting for the LHGMS were published in the last edition of the *Rocky Tales* newsletter. Hank asked if there were any corrections or changes needed to the minutes. No changes were requested. A motion was made to accept the minutes. The motion was seconded and approved. The minutes will be accepted as read.
- **Treasurer's Report** – Treasurer, Carol Lasater reviewed the LHGMS November 30th bank statement with the membership. The statement will be filed for review.
- **Membership & Guests** – Gayle stated that we have 31 new members since last month, and that our membership count is now 463. On Nov 1st of 2016 we had a membership of about 150. We gave away free memberships at the 2016 annual Gem Show, and we have continued to grow since opening our store/shop in Oct of 2016. Our field trips have been attracting new members too. This is December and our annual DUES are now due. If you joined in September or later this year you don't have to pay dues for 2018.

This evening, we have one guest. Rock gifts were presented to our guest and to our newest member.

Old Business -

- **Christmas Party** – Linda Harley stated that we have received RSVPs from about 29 members so far. If you are planning to come you need to RSVP. She will pass around a signup sheet during the meeting. This is a pot luck and if you plan to attend, you need to bring a dish based on the 1st letter of your last name. Refer to the email sent out on Nov 16th for details.
- **Gem Show 2017** - Barry provided an update on the success of the Gem Show. The raffle brought in \$1706. This included the proceeds of the basket donated by our vendors. Raffle funds go directly to our scholarship fund. Michelle stated that our 2017 Scholarship recipient is majoring in Geology and will receive a scholarship every year while attending college. Barry stated that our silent auction, handled by Cindi & Mark Bonnanzio, brought in \$1100. Barry also stated that we had lots of volunteers this year and expressed his thanks to all. In our planning for the 2018 Gem Show, we will need donations of items for the raffle, lottery and auction, and don't forget to pick up and donate the free items offered by Harbor Freight. Lastly, Barry stated that we will need a new Gem Show Chairperson too!

(LHGMS minutes continued)

- **Field Trips** - On Sunday, Dec 10th, Steve Bryson will lead a trip to the McCracken Mine area. We will be going after Spiderweb Jasper. A couple samples of the material are being circulated around the room.
- **Elections** – Hank stated that it was time to hold our elections. We have had several members volunteer for positions: Linda Harley for President, Ron Lee for Vice President, Gayle Wilson for Secretary, Michelle Smedley for Treasurer, Al Yanity for Sergeant-at-arms, Helen Reyes for 1st year Director, and Cathy Viney for Director of Operations-Havasu Rocks. We have created paper ballots showing each position & candidate and room to allow for write-ins. The ballots were distributed to and collected from the 40 members present.

While votes were being tallied Jack Hodges reminded us that the shop (Lake Havasu Mineral & Lapidary Group) is an Educational 501c3 organization and that donations are tax-deductible and are welcome! Note: our club (Lake Havasu Gem & Mineral Society) is a 501c7 – Social & Recreational Organization.

- **Program – Jasper**
Barry Bandaruk spoke to the members about Jasper and brought several samples to share. He stated that marble is also a type of Jasper. The Jaspers he discussed were: Biggs Jasper, Owyhee Jasper, Picture Jasper, Wild Horse Jasper, Picasso Marble, Mookaite (from Australia), Skiggly Jasper, Bacon Rock Jasper, Mohave Jasper, & Taffy Stone.
- **Election Results** – 39 ballots were turned in. There were no write-ins, all voted the ballot. The new officers and directors will be installed in January.
- **Member Questions** -
 - q. When is the trip to Burro Creek scheduled?
 - a. March 16th-18th
 - q. Is there a trip to Keenan Camp scheduled?
 - a. Not presently but we will set one up.
 - q. We we be going back to the Turquoise Processing Plant in Kingman anytime soon?
 - a. We'll see if we can set up another tour and let you all know.
 - q. When is the Quartzsite Campout (Plomosa Rd) Trip?
 - a. January 17th-21st
 - q. Susan Sease asked about possibly adding classified ads to the Rocky Tales.
 - a. That question will be taken up by the board.
- **Announcements** – There will not be a 'Rock & Egg Breakfast' this month because Christmas falls on that day.
- **Door Prizes** – Seven slabs were awarded as door prizes. The winners were: Steve Bryson, Helen Reyes, Cathy Viney, Sheila Bandaruk, Robbie James, Ron Lee, and Kathy Padilla.
- **50/50 Tickets** - \$90 was collected. Cathy Viney won \$15, and Jack VanderHill won \$30.

The business meeting was adjourned at 8:17 pm.

Submitted by Kathie Bryson, Secretary

LAKE HAVASU MINERAL & LAPIDARY GROUP

Minutes - General Meeting – Dec 8, 2017

Havasu Rocks
2186 McCulloch Blvd Unit B
Lake Havasu City, AZ 86403

Board Members in attendance:

Hank Smedley – President	Barry Bandaruk – Past President
Linda Harley – Vice President	Gayle Gilpin - 2nd year Director
Kathie Bryson – Secretary	Michelle Smedley – Director of Operations – Havasu Rocks
Carol Lasater - Treasurer	Al Yanity – Acting Sgt of Arms

Members present: 40

Guests present: 1

Club President, Hank Smedley called the meeting to order at 7:05 pm.

- **Flag Salute** - Hank led the membership in the Pledge of Allegiance.
- **Secretary's Minutes** – The minutes for the November General Meeting for the LHMLG were published in the last edition of the *Rocky Tales* newsletter. Hank asked if there were any corrections or changes needed to the minutes. No changes were requested. A motion was made to accept the minutes. The motion was seconded and approved. The minutes will be accepted as read.
- **Treasurer's Report** – Treasurer, Carol Lasater reviewed the LHMLG November 30th bank statement with the membership. The statement will be filed for review.
- **Membership & Guests** – Gayle stated that we have 31 new members since last month, and that our membership count is now 463. On Nov 1st of 2016 we had a membership of about 150. We gave away free memberships at the 2016 annual Gem Show, and we have continued to grow since opening our store/shop in Oct of 2016. Our field trips have been attracting new members too. This is December and our annual DUES are now due. If you joined in September or later this year you don't have to pay dues for 2018. This evening, we have one guest. Rock gifts were presented to our guest and to our newest member.

Old Business -

- **Elections** – Hank stated that it was time to hold our elections. We have had several members volunteer for positions: Linda Harley for President, Ron Lee for Vice President, Gayle Wilson for Secretary, Michelle Smedley for Treasurer, Al Yanity for Sergeant-at-arms, Helen Reyes for 1st year Director, and Cathy Viney for Director of Operations-Havasus Rocks. We have created paper ballots showing each position & candidate and room to allow for write-ins. The ballots were distributed to and collected from the 40 members present.

While votes were being tallied Jack Hodges reminded us that the shop (Lake Havasu Mineral & Lapidary Group) is an Educational 501c3 organization and that donations are tax-deductible and are welcome! Note: our club (Lake Havasu Gem & Mineral Society) is a 501c7 – Social & Recreational Organization.

- **Election Results** – 39 ballots were turned in. There were no write-ins, all voted the ballot. The new officers and directors will be installed in January.

(LHMLG minutes continued)

New Business -

- **Shop Maintenance -**
Hank stated that the shop has been open for over a year now and our equipment is wearing out. At our Board Meeting on Thursday, the board voted to purchase new soft wheels for the laps so that we will have two sets. The cost will be about \$1500 and Hank will place the order this week. We can then re-coat the original set to use again next year. He stated that we will try to re-coat the wheels here in the shop. Jerry Viney volunteered to head up a group to work on this project.
- **Door Prizes –** Seven slabs were awarded as door prizes. The winners were: Steve Bryson, Helen Reyes, Cathy Viney, Sheila Bandaruk, Robbie James, Ron Lee, and Kathy Padilla.

The business meeting was adjourned at 8:17 pm.

Submitted by Kathie Bryson, Secretary

Just a reminder!

Membership dues are due now.

\$20 for single members and \$30 for couples.

Dues can be paid at the Jan, or Feb meetings, Havasu Rocks, or mailed to
Lake Havasu Gem & Mineral Society, PO Box 990, LHC, AZ 86405

Last day to renew is at the Feb meeting on Feb 9th.

Havasu Rocks

Is in need of supplies.

If you can help out it would be greatly appreciated.

Items needed are:
Brother DR-630 toner
Printer Paper
Office supplies
Paper Towels/ Toilet Paper



Havasu Rocks

2186 McCulloch Blvd. N Suite B. Lake Havasu City AZ, 86406, USA

Introducing Our Workshops

COME JOIN THE FUN!
we ROCK!

At Havasu Rocks, we are introducing workshops to our local community! Yes, Get excited this New Year 2018! Get Creative with these new workshops:

Intro to Lapidary & Cabochon Design, Basics of Wire Wrapping, Dowsing, Fold Formed Copper Bracelet and silversmithing. All workshops will be held at Havasu Rocks in central Lake Havasu City.



Register TODAY!
January & February
STORE HOURS
TUES-SAT 10 am- 5 pm
(928)733-6270

INTRO TO LAPIDARY & CABOCHON DESIGN

Learn the basics of lapidary and cabochon design. Workshop size is a minimum of 3 and a max of 5. (1 of 4 parts).

All materials provided.

Please register and pre-pay at Havasu Rocks.

*****Starts TUESDAY, Jan 9, 2018**

1pm-5pm Continues for 3 weeks

Tues Jan 16, 23, 31, 2018.

\$60 LHGMS Members

\$75 non-members

TRY OUR WEDNESDAY WORKSHOP

Learn the basics of lapidary and cabochon design. Workshop size is a minimum of 3 and a max of 5. (1 of 4 parts). All materials provided.

Please register and pre-pay at Havasu Rocks.

****Starts WEDNESDAY, Jan 15, 2017**

1pm-5pm

continues for 3 weeks. Every Wed!

Wed Jan 22, 29, 2018

Wed Feb 6, 2018

\$60 LHGMS Members

\$75 non-members

TRY THURSDAY WORKSHOP

Learn the basics of lapidary and cabochon design.

****Starts THURSDAY, Jan 11, 2018**

1 pm - 5 pm

continues for 3 weeks. Every Thursday!

Jan 18, 25, 2018, Feb 1, 2018

FOLD FORM COPPER BRACELETS

Learn this fun forming technique. We will be using torches to soften the metal so it can be worked easier and learn how to rivet two layers of copper together. Fold forming can be used to make earrings, pendants and of course bracelets.

All tools and materials will be provided.

Please pre-pay at Havasu Rocks

Workshop limited to 4 people.

BRING A SNACK & WATER.

\$40 LHGMS members

\$55 non-members

***** THURSDAY Jan 18, 2018**

1 PM- 5 PM

***** TUESDAY Feb 13, 2018**

10 am - 2 pm

WIRE WRAPPING WORKSHOPS

Learn the basics of wire wrapping, including types, gauges & tempers. Basic design will be introduced and execution of wire wrapping a cabochon into a finished pendant. Learn how to wrap a basic shape and take home your own creation.

All tools and materials will be provided. Please pre-pay at Havasu Rocks Max 5 people. BRING A SNACK & WATER.

\$40 LHGMS members

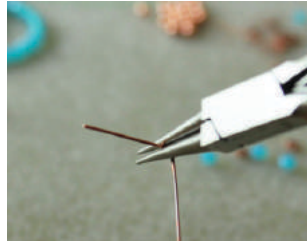
\$55 non- members

*****Starts Sat Jan 13, 2018**

1-5 pm

*****Wed Feb 7, 2018**

1 pm- 5 pm



WIRE WRAPPING - BASIC DESIGN TECHNIQUES

*PRE-REQUISITE: BASIC WIRE WRAPPING.

Learn about techniques, how to access your creativity and make a pendant to take home.

All tools and materials will be provided.

Please pre-pay at Havasu Rocks Max 5 people Min 3 to hold the workshop. BRING A SNACK & WATER.

\$40 LHGMS members

\$55 non- members

*****Wed Jan 24, 2018**

1 pm- 5 pm

*****Tue Feb 27, 2018**

10am-12pm

INTRO TO SILVERSMITHING

Learn about the different types of metals and what gauge to use. You will learn design, soldering and a use a torch, then apply your new skills to create your own jewelry.

All tools and materials will be provided.

Please pre-pay at Havasu Rocks Max 4 people. BRING A SNACK & WATER.

\$40 LHGMS members

\$55 non- members

***** TUESDAY Jan 9, 2018**

1pm-5 pm

***** Thu Feb 8, 2018**

10 am-2 pm

INTERMEDIATE WIRE WRAPPING- NON STANDARD SHAPES

Instructor: Renee Good

***PRE-REQUISITE:**

BASIC WIRE WRAPPING.

Focus on wire wrapping unusual shapes, crystals, minerals, puffed hearts and other items with out a flat back. We will look how to secure the stone and create a ball that will balance the weight of the focal item for a pendant or tassel. Wire wrapping of dilled stones will also be demonstrated.

All tools and materials will be provided. Please pre-pay at Havasu Rocks. Min 3 people. BRING A SNACK & WATER.

\$30 LHGMS members

\$45 non- members

*****TUESDAY WORKSHOP**

Jan 30, 2018

10 am- 12pm

*****Feb 27, 2018**

10 am- 12pm



Mineral Fun Facts - **FLUORESCENT MINERALS**

All minerals have the ability to reflect light. There are several ways that minerals can emit light, besides the light that is emitted from exposure to daylight or the light from normal light bulbs. Some of these ways involve special lamps that emit non-visible ultraviolet light (at least not visible to humans). The light from these ultraviolet lamps reacts with the chemicals of a mineral and causes the mineral to glow; this is called **fluorescence**. Certain electrons in the mineral absorb the energy from these sources and jump to a higher energy state. The fluorescent light is emitted when those electrons drop down to a lower energy state and emit a light of their own. Although most collectors do not have access to X-ray or high energy electron emitters, they do have access to affordable ultraviolet lamps. The visible light emitted after being activated by UV light is sometimes very colorful and can often be very different from the normal color of the mineral. Most minerals fluoresce a single color. Other minerals have multiple colors of fluorescence. Calcite has been known to fluoresce red, blue, white, pink, green, and orange. Some minerals are known to exhibit multiple colors of fluorescence in a single specimen. These can be banded minerals that exhibit several stages of growth from parent solutions with changing compositions. Many minerals fluoresce one color under shortwave UV light and another color under longwave UV light.

If the mineral continues to glow after the light has been removed, this is called **phosphorescence**. Some minerals will glow when heated; this is called **thermoluminescence**. And there are some minerals that will glow when they are struck or crushed; this is called **triboluminescence**.

Most minerals do not have a noticeable fluorescence. Only about 15% of minerals have a fluorescence that is visible to people, and some specimens of those minerals will not fluoresce. Fluorescence usually occurs when specific impurities known as "activators" are present within the mineral. These activators are typically cations of metals such as: tungsten, molybdenum, lead, boron, titanium, manganese, uranium, and chromium. Rare earth elements such as europium, terbium, dysprosium, and yttrium are also known to contribute to the fluorescence phenomenon. Fluorescence can also be caused by crystal structural defects or organic impurities.

For a list of minerals that glow in different colors, please go to:
<http://www.galleries.com/minerals/property/fluotabl.htm>

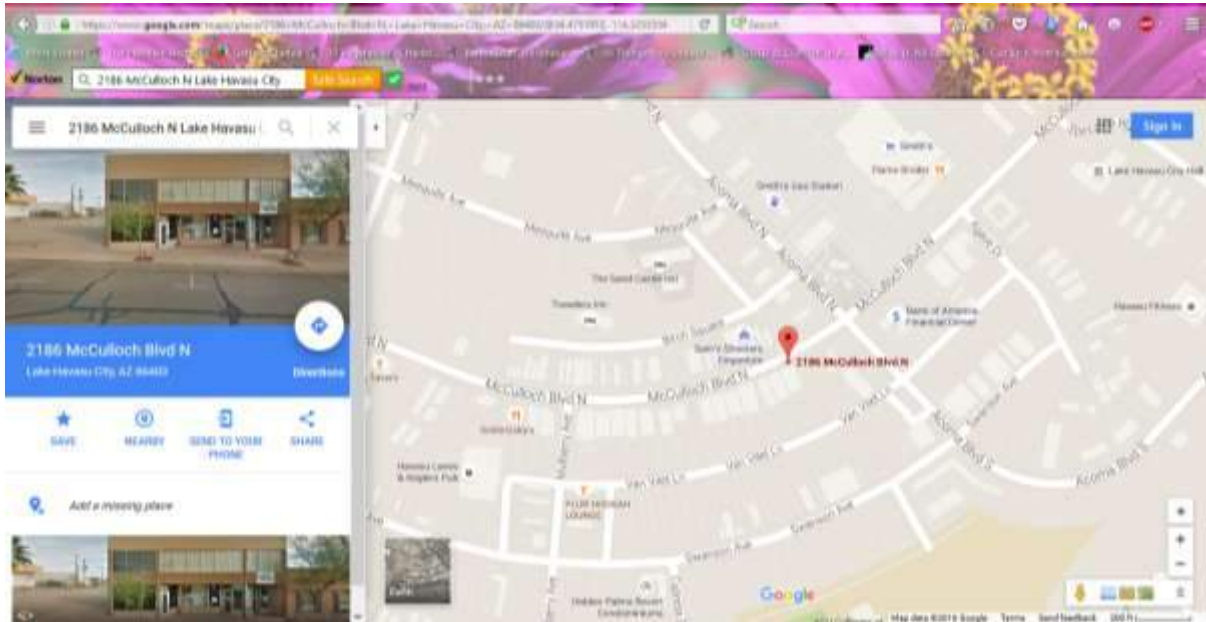
http://www.galleries.com/Fluorescent_Minerals
<https://geology.com/articles/fluorescent-minerals/>

Barry got stuck!



Scott, Steve and Leonard pulling Barry's truck uphill freeing from some sand!

Shop & Meeting location
AMPLE PARKING IN BACK PARKING LOT!!



HELP NEEDED!

Two people are needed to set up and take down the coffee, snacks, etc for the general meeting each month. If you can help, please let Linda Harley know. Your help is greatly appreciated. Kathy Padilla and Helen Reyes have been doing a great job for many years but have since moved on to new club assignments!

Thank you Kathy & Helen!

Havasu Rocks would like to expand our class and workshop schedule in 2018.

To facilitate that goal we need everyone to help create a student friendly classroom environment. We ask that all volunteers help keep the tables in the enclosed classroom area in the store free of clutter- rocks, supplies, food, etc.

The instructors need to focus on preparing the class, not cleaning up after the members and staff. The classroom area will be closed for the exclusive use of the instructor and students on the days of the class and we ask that all volunteers be considerate and keep their voices down near the area. Students have paid a fee for these classes and expect a good learning environment. We want them to have a positive experience and recommend our classes and workshops to others. This contributes to the overall success of Havasu Rocks.

Thank you for your understanding and support

Havasu Rocks Volunteers

HAPPY BIRTHDAY

January

Richard Agan	Elisa McKenzie
Roger Bailey	Christian Merchant
Joann Bonnar	Jill Milliken
Sally Bruce	Deanna Montgomery
Alicia Burgos	Mary Quissell
Sam Cano	Sandy Reigner
Chris Cooper	Michael Ridenour
Tom Foley	Leslie Rosario
George Goodon	Tricia Sargent
Dian Hare	Wayne Scott
Jan Heyboer	Helen Springer
Marvin Jacobsen	Debbie Stetner
Rob Jankowski	Mitch Strange
Linda Kiesling	William Trumbull
Ron Lee	Leonard Wegman
Doris Leichter	Alberta Wiederrick
Shelley Lossing	Nick Yanity

HAPPY ANNIVERSARY

January

Steve Bonds

Duane & Linda Gauthun

Lou & Liz Porter

Nathan & Susan Scott

Neil & Charlene Sitenga

Ken Sobchuk

Rod & Debbie Stetner

Ryan Weckmann & Liz Gollnick

Don Winger



**LAKE HAVASU GEM & MINERAL SOCIETY
P.O. BOX 990
LAKE HAVASU CITY, AZ 86405**