



ROCKY TALES

Volume 43, Issue 4

April 2017

LAKE HAVASU GEM & MINERAL SOCIETY

The Official Publication of The Lake Havasu Gem & Mineral Society

Editor: Susan Sease

BOARD MEETING
April 12th, 5:30 pm
Lake Havasu Gem &
Mineral Lapidary Shop
2186 McCulloch Blvd #B

GENERAL MEETING

April 14th!

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.

**Rock & Egg
Breakfast**
4th Monday each
month
9:00 a.m.
At
Golden Corral

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Greetings Rockhounds!

Our field trip on Sunday, April 16th will be our last **one-day** trip for the spring. Scheduled one-day field trips will resume again in the fall.

- When: Sunday, April 16th
- Where will we go: Exploration trip to the Eagle Nest Mine/Desert Bar area
- How far: About 80 miles round trip
- Leader: Hank Smedley
- Requirements: A 4-wheel drive is NOT required but high clearance is recommended.
- Material: We will be collecting Chrysocolla and other copper minerals
- Meeting place: We will be meeting on the west side of Basha's parking lot (LHC)
- What time: IMPORTANT: We will meet at 7:45 am, and depart at 8:00 am. This is one hour earlier than we normally leave.

Bring your 2-way radios (walkie talkies), water, lunch, your buckets/bags, hats & rock picks.

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 - \$8.00
 Single membership cost - \$16.00
 Family sponsored Junior membership cost - \$8.00
 Family membership cost - \$16.00 for the first member and \$8.00 for each member thereafter with a maximum of \$25.00.

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
Ed Darnell	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	Ed Darnell
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	Ed Darnell
Property	Open	Carol Jose

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

aredtigrass@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--

March is now behind us, it was a great month. We had some memorable field trips, the Burro Creek camp out really stands out. I believe everyone had a wonderful time at the camp out, about twenty of us made the trip. Each day we explored new areas and found some exciting material. Burro Creek is famous for outstanding pastelite, jasper and agate; once again it lived up to its legend. Each night we all gathered around a roaring fire and traded stories, it was an excellent time. I'm already looking forward to going again next year.

Last month we held a committee meeting to put together a new club brochure; the old one was nice but out of date. We are on track to creating a new one that will better represent who we are and what we do. Thanks to everyone who is participating.

The shop is seeing increased use; we had a number of rocks and slabs donated for the retail store and lapidary workshops. If you have slabs and or cabs you are willing to part with, we can put them to good use. Our Lapidary workshops are consuming about 30 or so, slabs each month. The wire wrapping and silversmithing workshops use about 25-30 cabs each month. If you have the time, we would appreciate members coming in and creating cabs for the wire wrapping and silversmithing workshops, and cutting slabs for the Lapidary workshops. It's a good way to hone your skills.

I'll end with this, thank you to everyone who has volunteer at the shop and store. Without you our operation would not be possible. I also want to thank those who have donated funds and material. We have taken what you provided and put it to good use. I hope to see you all at our next meeting.

**Watch your email for information on
field trips and camping trips!**

The following camping trips are planned,
subject to updates:

Flagstaff Gem Show, June 1-5

LAKE HAVASU GEM & MINERAL SOCIETY

Minutes - General Meeting

March 10, 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	Patrick Bell - 1 st year Director
Kathie Bryson – Secretary	Gayle Gilpin - 2nd year Director
Carol Lasater - Treasurer	Carol Jose - 3 rd year Director
	Michelle Smedley – Director of Operations – Havasu Rocks

Members present: 45

Guests present: 5

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

Flag Salute - Hank led the club in the Pledge of Allegiance.

Secretary's Minutes – The minutes for the general meeting for the LHGMS & LHMLG were published in the most recent 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 read the Treasurer's reports for February 2017, for both the LHGMS & the LHMLG. The Treasurer's reports will be filed for review.

Hank stated that for the 2 days of Winterfest we had approximately \$1400 in sales, and our Silent Auction brought in \$250. Hank shared some additional monthly financial information with the membership, and was pleased with how we are doing at this point in time.

Director and Committee Reports - 2nd Year Director, Gayle Gilpin (Membership & Club Promotion)

- Membership - Gayle stated that we have 29 new members since last month. That brings our total membership to 350. We recently lost one of our long time members, Harry Kilb. Harry was a member from 1999 to Feb 22, 2017, when he passed away.
- 2017 Rosters – Gayle stated that the new rosters are now available and are located on the table for any member who wants to take one.
- 10-Year Member Presentations – Gayle presented 10-yr badges to Ken & Marla Diehl & Don Winger. Unfortunately, Bruce & Kim Wilhelm, Jack & Ruth DeWoody, and Jenny Anderson were not present to receive their 10-yr badges. Congratulations to all.
- Guests – Five guests attended our meeting today. 'Welcome' rocks/slabs were presented to each.

(LHGMS minutes continued)

1st Year Director, Patrick Bell (Education)

- Raffle – Pat has a handmade oak box with inlaid stone slabs to raffle off at the end of our meeting. Tickets are \$1 each.
- Gem & Mineral Books for sale – Last month Patrick raffled off a gold specimen and made \$47 for the club, to go towards *education*. Pat used these funds to purchase 15 very nice Gem & Mineral books. The books are for sale to members here at the meeting, for \$8 each.
- Scholarships – Pat stated that he is waiting to receive the scholarship applications from the high schools. Michelle and Pat are planning to review the applications when they arrive. If anyone else is interested in working with them, please just let them know.
- Volunteers for the Scholarship Committee are always welcomed.
- Lolly Pops – Pat & Megan made some Quartz Crystal Lolly Pops for our junior members here tonight. Please enjoy!

Old Business -

Budget – Hank went over the proposed 2017 Budget information with the membership. Hank reminded the members that the proposed budget was emailed to them, for their review last month. A motion was made to accept the proposed budget. The motion was seconded and approved.

New Business -

- Springtime Pancake Breakfast – The Society is having a *Springtime Pancake Breakfast* for members on Monday, March 13th at 9:00 am, here at Havasu Rocks. We will have pancakes, scrambled eggs, bacon, sausage, coffee, tea & orange juice.
- Member Dues - Hank informed the members that the board has discussed raising the annual membership dues. We are proposing to raise the cost for an single membership from \$16 to \$20, a junior membership (age 12-18) from \$8 to \$10, and a family membership from \$25 to \$30. (no charge for kids under 12). Example: Husband, wife and children = \$30. Barry stated that the increase will help fund the club during the summer, and Hank stated that it will not only help Gayle, but it is a tremendous value for what we offer. Al Yanity made a motion to increase the dues as proposed. The motion was seconded. A vote was taken and the motion passed by majority vote. Two members were opposed.
- Club Brochures - Hank informed the membership that our club brochure was last updated in 2011 and is terribly out-dated. In addition, we need to include information about Havasu Rocks. We will redesign the brochure and have new ones printed. We have scheduled a meeting for March 29th @ 1:30, here at Havasu Rocks, to discuss the new design and layout. This should be a fun project. If you are interested in being part of the team, please come to the meeting with your ideas.

(LHGMS minutes continued)

- Volunteers Needed for HAVASU ROCKS - Hank informed the members that we are still looking for volunteers to help out in the store and shop. In the store, the *store attendants* always have a *store lead* here with them. We need shop monitors desperately. Shifts are only 3 ½ hrs. Please sign up to help out. Helen Reyes stated that there are times when a *store lead* is alone here to run the store by herself, which can be difficult. Carol Jose mentioned that all board members volunteer in the store/shop and your help is appreciated.

You too can volunteer to help. You can sign-up for a shift here:

<http://signup.com/go/mgFkHE>

- Burro Creek Camp out/Field Trip – Our annual Burro Creek Camp out is scheduled for March 16th through March 20th. There is lots of beautiful material there to be collected. Several emails have gone out related to the trip. We have reserved the GROUP campsite and we figure we can fit in about 15 vehicles. We currently have 10 confirmed now. Barry shared some samples of rocks collected there with the membership. They included Burro Creek Agate, Lizard Stone, brecciated jasper, apache tears and others. There will be a potluck at 5:30 pm on Friday the 17th. Bring food to share. Bring firewood for our evening bonfires. Daytime temperatures are predicted to be in the 80's. If you plan to join us for just a day field trip, be sure to be at the campsite by 8:45am. A 4WD is not always needed but a high clearance vehicle is recommended. Jack Hodges suggested that everyone who goes bring back one nice sized rock for the club's use. Generators are allowed. Barry Bandaruk is the trip leader. He stated that on Saturday, we will head south of Bagdad where they have lots of jasper. We may stop in Bagdad for a cafeteria style lunch. On Friday and Sunday we will more than likely stay in the Burro Creek Wilderness area. For more information refer to the recent emails or contact our Field Trip Coordinator, Steve Bryson.
- Rock Slabs on display – Pat informed the members that we have some beautiful rock slabs and cabs on display on the front table. The material was collected by Tom & Luann Waurzyniak. Pat says it reminds him of Graveyard Plume Agate.

A break was taken for a little socializing and refreshments.

Presentation – *Understanding Science* – Patrick Bell gave a presentation on '*Understanding Science*' and it was well received. Thank you Pat!

Door Prizes - Eight rock slabs were awarded as door prizes.

50/50 Raffle - \$104 was collected. \$35 was won by one of our brand new members, and \$17 was won by Gayle Gilpin. \$52 goes to the club.

Raffle for Box with Rock/slab inlay - The winner of the box was Carol Astleford.

Field Trip Sunday March 12th – The field trip will be lead by Gary & Linda Leuzinger. We will be going to the Dinosaur Valley area of Golden Shores. Refer to the field trip email for details.

Rock & Egg Breakfast - Don't forget our monthly *ROCK & EGG BREAKFAST* at the Golden Corral on the 27th.

The business meeting was adjourned at 9:10 pm.

Submitted by Kathie Bryson, Secretary

LAKE HAVASU MINERAL & LAPIDARY GROUP

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Havasu Rocks

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Lake Havasu City, AZ 86403

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Linda Harley – Vice President	Patrick Bell - 1 st year Director
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(LHMLG minutes continued)

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- Change to Consignment Policy at HAVASU ROCKS - We are changing the policy for what we will accept for consignment. We will now accept Native American Jewelry as long as we can verify it's authenticity. We will also accept handmade items, gem or mineral in nature, created by a family member of a consignor, at the discretion of store management. Dave Mack suggested that we might consider asking the Chemehuevi Tribe if they would like to set up a display in our store. Hank thought that was a great idea and will check into doing that.
- Volunteers Needed for HAVASU ROCKS - Hank informed the members that we are still looking for volunteers to help out in the store and shop. In the store, the *store attendants* always have a *store lead* here with them. We need shop monitors desperately. Shifts are only 3 ½ hrs. Please sign up to help out. Helen Reyes stated that there are times when a *store lead* is alone here to run the store by herself, which can be difficult. Carol Jose mentioned that all board members volunteer in the store/shop and your help is appreciated.
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The business meeting was adjourned at 9:10 pm.

Submitted by Kathie Bryson, Secretary

a letter from one of our Board of Directors:

As Director of Inventory I really need to give great thanks to all of the people who are donating "Slabs and rough rocks" It is amazing at all of the cool stuff we are getting.

Can you please label the boxes so we know who you are? I can give a receipt for tax purposes also, but I need to know who you are....

I want to thank Lou and Liz Porter for their donations of beautifully marked slabs that we now have for sale in the store. And the awesome Crystals. Do I sound excited? I am...

And to Al Wakefield who also donated a large box of slabs that are being used in the workshop and store. With everyone's help in whatever way you can, it will be a success.

Thank you - Carol Jose

Mineral Fun Facts – London Bridge Granite

Havasu Rocks has some beautiful cabs available of the London Bridge Granite. The history of how Lake Havasu ended up with the London Bridge is a fascinating story. The London Bridge served as a crossing over the River Thames in London, England for over 140 years. The bridge survived both world wars and a terrorist attack in 1884 but did not survive nature's forces and after all those years it was sinking. England decided to sell the bridge and build a new one, and lucky for us, Robert McCulloch bought the bridge. It took 3 years and almost 10 million dollars to buy, move and rebuild the bridge to its current site in Lake Havasu.

The bridge was constructed from Haytor granite, mined at Swelltor Quarry on Dartmoor, Devon. Granite is an "igneous" rock, formed from molten magma. As the magma cools and solidifies, a type of rock called igneous rock forms containing randomly arranged interlocking crystals. The size of the crystals depends on how quickly the molten magma solidified. The more slowly the magma cools, the bigger the crystals. If the magma cools quickly, such as an eruption from a volcano, small crystals form in the rock. Obsidian and basalt are good examples of this type of rock. If the magma cools slowly, such as deep underground, large crystals form in the rock. Granite is an example of this type of rock. Colors vary depending on the chemical composition.

Unlike sedimentary rocks, igneous rocks do not contain any fossils. This is because any fossils in the original rock will have melted when the magma formed. Granite mainly consists of lighter colored feldspar and quartz, with smaller amounts of darker mica and amphibole minerals. These form an interlocking matrix of feldspar and quartz with scattered darker biotite mica and amphibole peppering the lighter color minerals. Granite is nearly always massive (lacking any internal structures), hard and tough, and therefore it has gained widespread use as a construction stone.

Sources: https://www.geocaching.com/geocache/GC5JCTW_sidetracked-earthcache-london-bridge-granite?guid=110fa2dd-d157-4e6b-8734-7f4bd0ac30d9

Read more: <http://www.desertusa.com/desert-arizona/exploring-lake-havasu.html#ixzz4dUhsobBO>

FIELD TRIPS

2/26/17 Swansea & other mining area



3-5-2017 Ft. Mojave



FIELD TRIPS cont.

3-5-17 Ft. Mojave cont.



NOTICE TO MEMBERS

Our Bank has informed us they will no longer accept checks written out to LHGMS, they are now requiring our full name to be written out. Please remember to write:

LAKE HAVASU GEM & MINERAL SOCIETY

Havasu Rocks

Appreciates our Volunteers!

Thank You!

April WORKSHOPS AT HAVASU ROCKS

We ask that you pre-register and pre-pay for workshops.
You can check the class schedule online [here](#).

INTRO TO LAPIDARY & CABOCHON DESIGN

\$60 Members
\$75 Non-members

4 Classes to choose from, each one repeats the same day of the week for four weeks:

April 4 - 25, 10:00 am - 2:00 pm
April 4 - 25, 2:00 pm - 6:00 pm
April 5 - 26, 5:00 pm - 9:00 pm
April 8-29, 1:00pm – 5:30pm

Instructors Hank Smedley & Jack Hodges
LHGMS Members

BASICS OF WIRE WRAPPING - One Day Workshop

\$40 Members
\$55 Non Members

April 4, 1:00 pm - 4:30 pm
April 18, 1:00 pm - 4:30 pm

*Learn the basics of wire; including types, gauges & tempers. You will be introduced to basic design and execution of a border wrap on a cabochon. Learn how to wrap a basic shape and take home your creation.

*Wire, cabochons and tools provided. Jewelry tools are available for purchase.

Instructor Michelle Smedley, LHGMS Member

BASICS OF WIRE WRAPPING II ONE DAY WORKSHOP

\$40 Members
\$55 Non-members

One Day
April 21, 1:00pm – 5:30pm

*We will review the basics of wire (temper, gauge and type) and constructing a basic border wrap. You will then learn basic design techniques and apply them in the workshop.

*Wire, cabochons and tools provided. Jewelry tools are available for purchase.

Instructor Michelle Smedley, LHGMS Member

SILVERSMITH WORKSHOPS

\$60 Members
\$75 Non-members

Wednesday April 12 & 19
10:00 AM -2:00 PM

*In this workshop, you will learn about the different types of metals and how to determine what gauge to use. This is for the basics of silversmithing where you will learn design, soldering and use of a torch and then apply your new skills to make your own jewelry.

*Limit of 4 people

* Fee includes everything needed for your first project. Can bring your own cabochon (oval no larger than 30x22 mm), if desired.

Instructors: Linda Harley & Ellie North

Havasu Rocks
supplies everything you need for
the classes!

Quartz Crystal Configurations - One Day Workshop

tbd
\$30.00

Explore the unique nature of Quartz. Crystals are formed in the earth and tend to organize into 7 specific systems that determine the shapes of the crystals within their mineral families. Within the quartz family there are also a variety of configurations (combinations of termination faces- their alignment and shape) that further describe their unique qualities- some people call these personalities.

In this class we will explore these personalities and examine crystal samples of most of these special configurations. Find out what the metaphysical meaning are for these configurations or personalities so you can spot them when you shop for crystals.

Handouts will be provided. Min 4 people, max 8 people

Renee Good, Crystal Teacher & LHGMS member

Dowsing Workshop - One Day Workshop

tbd
\$25.00
Min 4 people max 6 people

Learn the techniques and tools for dowsing.

*Map dowsing for minerals or water- learn how to create a grid to save time at the site. Gives you a starting point to dowse at site for pre selected locations. Pictures of site can be used also.

*Personal charts for vitamins, minerals, food, etc
*Body dowsing with muscle testing (kinesiology) and more...

Demonstration of rods, pendulums, bobbars and your own muscles. Bring your own tools or purchase a pendulum at the shop. Rods are available by request- need to know size you want- small (6-8in- good for small hands or children), medium (12-14in)or large(long-24in)

Handouts and sample charts will be provided.

Renee Good
(LHGMS member -water and energy dowser)

Havasu Rocks classes takes your rock finds from rough to beautiful jewelry!

Come take a class and see how much fun it is!



Lapidary & Cabochon Design



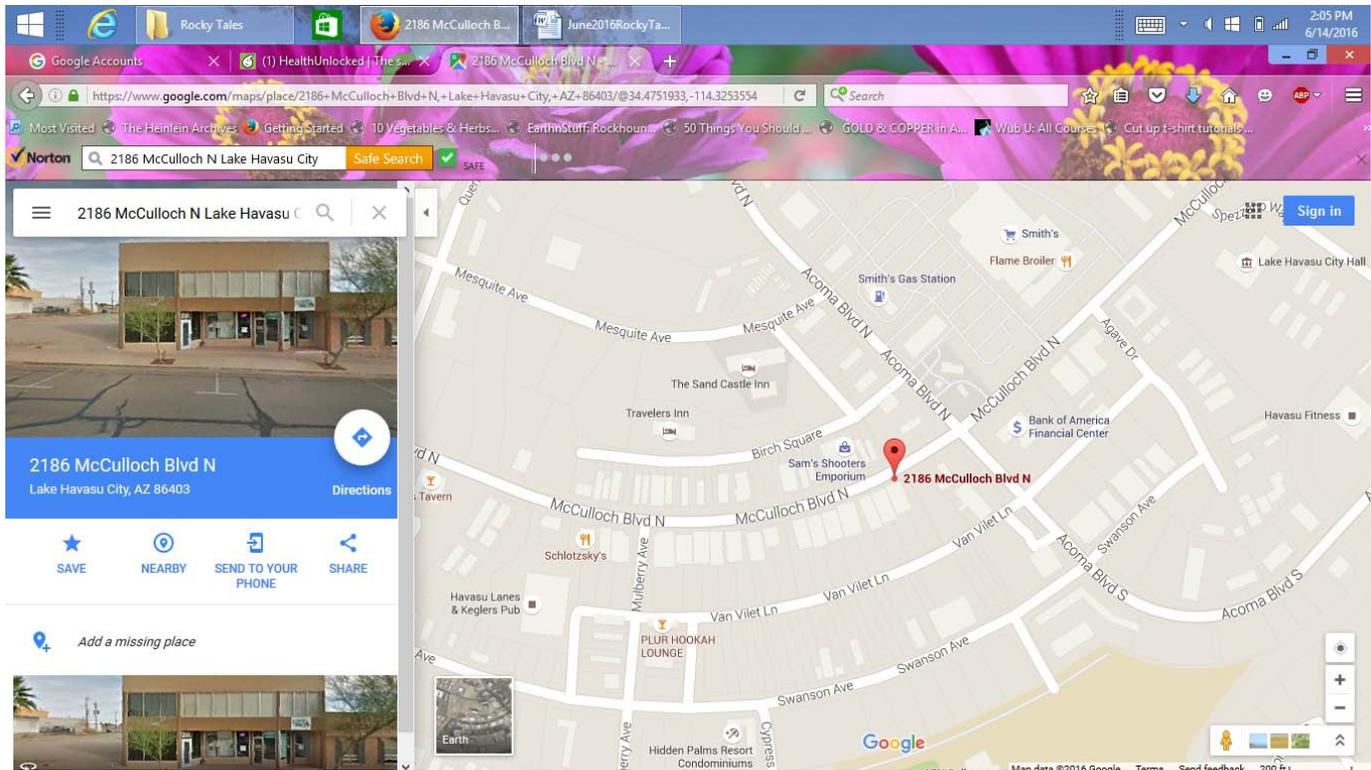
Wire Wrapping



Silversmithing

Shop & Meeting location

AMPLE PARKING IN BACK PARKING LOT!!



THERE'S GOLD IN YOUR BLOOD

Human blood contains metals atoms including iron, chromium, manganese, zinc, lead, and copper. You may also be surprised to know that blood contains small amounts of gold.

The human body has about 0.2 milligrams of gold that is mostly found in the blood.

S.C.R.I.B.E. - Special Congress Representing Involved Bulletin Editors -Volume 41 No 2 March/April 2017

More facts about gold:

- Nearly all of the gold on Earth came from meteorites that bombarded the planet over 200 million years after it formed.
- There is enough gold in the Earth's core to coat its entire surface to a depth of 1.5 feet.
- Alchemist Henniq Brand believed that he could distill gold from human urine. After stockpiling 1500 gallons of urine and boiling it, he discovered phosphorus.
- Apple recovered 2,204 pounds of gold from broken iPhones in 2015. That's worth about \$40 million U.S. dollars.

<http://www.factslides.com/s-Gold>

HAPPY BIRTHDAY
APRIL

Priscilla Allen	Jane LaRue
Robert Astleford	Barney Lewis
Jim Bee	Linda Lewis
Steve Bonds	Dawn Manion
Gail Burns	Steve Merrill
Rebecca Carpita	Tyler Morse
Mike Claytor	Ron Murphy
Randy Drake	Cher Newhouse
Butch Duthie	Lynn Pinke
Jackie Fabich	Jim Russo
Ty Followill	Janet Saras
Carol Freitag	Ty Sevastakis
Rick Gilpin	John Thomas
Mike Guelff	Bruce Wilhelm
Sharlene Hellberg	Donald Wininger
Sandy Hernandez	Kathy Winterburn

HAPPY ANNIVERSARY
APRIL

Steve & Kathie Bryson
Dave & Joyce Camara
Bob & Jackie Fabich
Ronald Forth
Jerry & Linda Harley
Bob & Jan Heyboer
Barney & Linda Lewis
Kendall & Judy Nevins
Carole Smith
Rod & Karla St Clair
Sue Stievo
Kathy Winterburn



**LAKE HAVASU GEM & MINERAL SOCIETY
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LAKE HAVASU CITY, AZ 86405**