

GEM & MINERAL JOURNAL

OCTOBER 2013

VOLUME 22~ ISSUE 10

Official Monthly
Publication of the Gem &
Mineral Society of
Lynchburg, VA, Inc

WWW.LYNCHBURGROCKCLUB.ORG



Presidents Message

Hello To All,

It was a real treat to have two such great field trips in the month of September. The month of October is looking like great fun as well. There will be a Club workshop on October 5th & 12th to get ready for the Apple Harvest Festival at the Amherst County High School on October 19-20th. This has always been a good fund raiser for the Club and a chance to get to know new volunteers. I hope you will sign up at the October 16th Society meeting to join in the Festival fun.

Since we have had changes in the duties of some of the Club Officers over the past 7 years that I have been President, I think it is time to make changes to the GMSL Constitution & Bylaws to clear up the duties of each office. This came to my attention as the Nominating Committee was trying to inform candidates as to what was expected of them if elected to an office. I realize people are creatures of habit and don't like change, but sometimes it is for your own good. This is just to clear up what the duties of the office will be and will not affect the overall mission of the Club or the fun we have at all Club functions.

Remember that November is going to be a busy month as well. The November 20th meeting will be our annual auction, and we have some spectacular specimens available this year. I hope you plan to attend. November 23rd is the Jefferson Choral Society Holiday Bazaar at Moose Lodge #715 on Lakeside Drive. We have space to set up two tables to display all our Rock goodies to sell. We will have a signup sheet for volunteers at the October 16th meeting. Also, the GMSL will host the Fluorescent Mineral display at the Salem G&M Show on November 29-30 & December 1st. This being a three day event gives everyone a chance to participate. I hope the signup sheet is full of volunteers as this is a great opportunity to learn about Fluorescent Minerals as well as see first hand what all the vendors have to sell. I hope to see you there.

That's all for now, I hope to see you all at the October 16th meeting as well as all the other activities.

Keep Looking Down,
John Haskins

From the First V.P.

Have you ever wondered what those black crystals might be in that special rock you just found? With a little study you decide that it must surely be an

amphibole or a pyroxene because these minerals are black after all. Perhaps it is hornblende, an amphibole. The following article by the Department of Geology & Planetary Science at the University of Pittsburgh may help you decide.



September Meeting Minutes

Meeting-Wednesday September 18, 7:00 PM

Attendance- 38 members and 5 guests

Host- Dave and Noel Woolley were the hosts for tonight's meeting, Greg and Sharon Lester will be hosts for the November meeting.

On Time Drawing- Winners were: Natalie Darling, Nona Haskins, Aryn (guest), Don McIntyre, Diane Capobianco and Sarah Fredricksen.

Old Business- John Haskins: Sign up sheet available for those who wish to volunteer at the Apple Harvest Festival, please sign up and specify your available time.

V.P.- Jack Curtin: thanked Dave for tonight's presentation. If you are interested in presenting a 10-15 minute program on a mineral of your choice, please see Jack or John.

Second V.P.- Dave Callahan: Field Trips: 9/21: US Silica Montpelier Feldspar Mine. 9/28: Willis Mtn.;

Treasurers Report- Balance at this time \$4,737.30

New Business: John and Dave Woolley will be driving to Blue Field WV to pick up a donated

collection of specimens and equipment. Three people were selected to be on the nominating committee: Siglinde Allbeck, Noel Woolley, and Diane Capobianco,

Natalie will start including pages of the Diamond Dan Publication "Minerals of the USA" in our monthly newsletter. We have purchased rights to print up to 500 copies, so if you wish you can print it out and compose your own booklet over the coming year.

Thom will work up guidelines for duties of the welcome committee. Don McIntyre suggested we amend the bylaws to ban cell phones and other electronic devices that interrupt the meeting.

Program: Sherry Shields gave a presentation on Kyanite and there were examples from Willis Mountain on display. Dave Callahan gave a presentation on Safety and Tools used for collecting rocks.

Minutes submitted by
Linda Noble, Secretary.

2013 ELECTED OFFICERS

PRESIDENT - John Haskins
(434) 525-8430
JMHaskinsI@netzero.net

First Vice President
Jack Curtin
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Second Vice President
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Editor - Natalie Darling
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Treasurer - Frank Midkiff
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Members At Large-
Bernardino Rivera &
Tony Shields

COMMITTEE CHAIR PERSONS:

Field Trips- David Callahan
Hospitality- Monthly Volunteers
News Articles- Natalie Darling
Silent Auction- Warren Darling
Swap for Rocks- Warren Darling
Website- Casper Voogt
Workshops- Dave Callahan
FRA Adult Liaison- OPEN
Membership- Thom Noble



PROGRAMS

Dave Callahan, our Field Trip Chairman, presented an excellent program about field collecting.

He had a variety of tools, collecting gear, and safety gear to show examples of what one should or could use on field trips. Dave gave a great explanation of the necessary safety gear and how to keep your tools in good, user friendly condition. This program offered a wealth of valuable information to all, and we want to extend our thanks to Dave for sharing his knowledge, and the efforts he puts into our field trips.

Bench Tips by Brad Smith

More Bench Tips by Brad Smith are at:
[groups.yahoo.com/group/Bench Tips/](http://groups.yahoo.com/group/Bench%20Tips/)
 or [facebook.com/Bench Tips](http://facebook.com/Bench%20Tips)



JUST SAY NO TO OPTIVISORS

During his annual vision-check, a jeweler friend of mine wondered why not have his reading glasses made with bifocals that would magnify the same as the Optivisors? So he asked the ophthalmologist if he could add around +2.00 diopters into bifocals.

The doctor checked with his supervisor and came back all excited. They all agreed that it was a great idea and even gave him a special device to measure how far he holds a jewelry piece from his eye, to get the focal distance exactly right. So if all goes well, no more sweaty, bulky optivisors! Anyone else tried this?

But to get the right "look" in chain maile designs, you must have just the right size mandrel, and often they are not easy to find. Jewelry catalogs sell selections of straight rod mandrels for \$50 or more, but my choice is from Harbor Freight. They have a set of 28 sizes, from 3/32 inch to 1/2 inch, for under ten bucks. It's called a Transfer Punch Set. The catalog number is #3577, and the price is \$ 9.95 Plus, look for the 20% off coupon on any one item in their advertising circular. That cuts your cost to around eight bucks. I've bought four of these over the last couple years. www.harborfreight.com

MANDRELS

Straight rod mandrels have a multitude of uses in helping to bend sheet and wire. Frequently we choose a round rod for winding jump rings. Common sources for different sized rods are knitting needles, wooden dowels and clothes hangers. Metal rods can also be found in hardware stores and hobby shops.





FIELD TRIP REPORT..

2nd VP Report

U.S. Silica

Montpelier, Virginia

September 21, 2013~9AM to 1PM

Big thanks go out to Al DeHart, field trip leader for the Gem & Mineral Society of the Virginia Peninsula and also a member of The Gem & Mineral Society of Lynchburg for inviting us to share this trip with them. There was a really large turnout from our clubs with 22 from the GMSL and two from RVMGS.

We started the day with a few scattered early morning drizzles and overcast but things cleared and the day was beautiful. After a safety and hazard review by Mine Safety Coordinator, Elmo Hall, we were off to the rutile collecting area in the vast mine pit. This area was rich in the mineral rutile. This and the other minerals we collect, are considered contaminants in the mine's end product, aplite feldspar, used in the manufacture of spun fiberglass insulation and other related products. We all were able to find, in the soil overburden spread out on the quarry floor, some very nice specimens of reddish rutile veins in the white feldspar matrix.

After about two hours, we all moved to another part of the quarry. Here we could collect some very nice gray feldspar with ilmenite and some pretty red garnets in black biotite mica schist. After about an hour here, we all moved to the final area where we could collect more of the pretty red almandine garnets in the black mica schist matrix.

If you took time to study the quarry walls as we visited the various areas in the quarry, you would have been able to see some good examples of faults, fractures, overturns, basalt intrusions, dikes, sills, synclines and anticlines. To me, these cross sections of

the earth's crust showing the sometime violent formations are very intriguing and interesting to observe and study.

A big thank you goes out to all participants for making this a safe trip and I feel that we will be able to return here in the future. This US Silica facility is very safety conscious and has an excellent record. We really appreciate them allowing clubs like ours to safely hold field trips here.

Thanks also to Al DeHart and the GMSVP for inviting us to share their field trip on this day. We departed promptly at 1PM and went our separate ways. Before we got back to Lynchburg, we did run into some light rain. It was a very productive trip and we look forward to returning in the near future.

Additional photographs on page 9.



**Contact
Information
for Field Trips**

**David Callahan,
Field Trip Chairman**

Home phone: 540-297-1853

Cell Phone- 540-874-5201

E-mail dbc11@aol.com

FIELD TRIP REPORT... *continued from page 4*

Kyanite Mining Corporation Willis Mountain Kyanite Mine September 28, 2013~9AM to 1PM

Another annual trip to this great facility is now history. The turnout was fantastic and all of the Virginia, Maryland and DC clubs were represented. There were 99 members scheduled to attend from the following organizations. I do believe that there were some no-shows though, but we did have a fantastic group. The clubs attending were from Lynchburg, Roanoke, Richmond, Tidewater, Virginia Peninsula, Shenandoah Valley, Radford University, Northern Virginia, Southern Maryland and Montgomery County, Md.

We assembled in the office parking lot at 8:45 for an in-depth safety briefing by the mine safety representative, Mike Morris. Due to the size of the group and some safety concerns at the East Ridge facility, Mike and I decided that it would be best to limit our collecting to the Willis Mountain site. There would be some equipment working on the mountain so we were to stay clear of that area. About 9AM we loaded up and headed for the vast collecting area on top of the mountain. There were many areas open for collecting and everyone was able to collect quite a variety of material. In addition to the kyanite that was readily abundant, there was a lot of beautiful

iridescent goethite or hematite coated kyanite on top of the mountain. Several people did find some nice pale green apatite and possibly some rare and unusual light green trolleite. There was abundant red mica (iron stained muscovite) and small pyrite crystals in the quartz and kyanite.

The view from the mountain top was fantastic and you could see for many miles in all directions. The weather was cool; the sky was clear and just perfect for collecting. We all had a safe and memorable trip and we look forward to another annual trip here in the fall of 2014. If you missed this trip and would like to attend next year, keep the end of September available.

Big thanks go out to all the clubs that participated and their watchful eyes that kept this trip safe for all. Always remember that we are only one incident or safety infraction away that could close this or any site to all future collecting. We must ALL always obey the safety rules and restrictions and immediately move to correct anyone we observe acting in an unsafe manner or venturing in a unsafe or restricted area. This is EVERYONE'S responsibility, not just the field trip leaders.



Group picture at the top of Willis Mountain. Photograph submitted by Linda Noble. Please see page 13 for additional photograph from this trip.

UP COMING FIELD TRIPS... *Continued from page 5*

THE OCTOBER DMC TRIP IS FULL AND NO MORE SLOTS AVAILABLE'

DMC Program of the SFMS Field Trip Committee
An Official Field Trip of the Aiken Gem and Mineral Society (Aiken, SC) (HOST)
An Official Field Trip of the (GMSL and RVMGS)

Graves Mtn.
Lincolnton,, GA
Sat., November 16, 2013
10:00 AM to 5:00 PM

FEE

This is a go-on-your-own trip....if you want to attend, please contact me if you have any questions

Where: Graves Mountain, inactive open pit mine, Lincolnton GA.

Collecting: Beautiful lazulite, pyrophyllite, and kyanite; world class rutile can be found rarely. Also pyrite and iridescent goethite. Over 50 different minerals can be unearthed in this extinct volcano and former mine, and now dig site for gem and mineral clubs and other organizations. Georgia Mineral Society has further details and photos on their website: <http://www.gamineral.org/fitcomm.html>

Recommended Tools: Backpack, gloves, sledge, crack hammer, rock hammer, pry bar, shovel, chisels. Some people bring a hand truck to ferry buckets and tools in and out of the mine.

HARD HAT and SAFETY GLASSES are REQUIRED.

Meeting Location: Norman wrecking company building, C.E. Norman Rd.

Directions: From Washington GA, drive 11 miles east on US-378; or from the Hardee's in Lincolnton GA, drive approximately 5.5 miles west on US-378. Turn

north on CE Norman Road, which is about 0.1 miles east of the Wilkes County/Lincoln County boundary sign. Proceed 0.6 miles north to the garage.

Assembly Time: 10:00 am. Everyone off the mountain by 5:00 pm

FEE: \$5 or more per person donation to Clarence Norman, Jr., the mine's caretaker. All DMC members must sign a liability release at the Norman Wrecking Co. Bldg., before being allowed onto the site.

Children: No children under age 12. Children 12 and over must be supervised by an adult.

Pets: OK

Safety: DMC Members must sign and adhere to the Graves Mountain Code of Conduct (see below).

There are no toilet facilities.

Contact: Walt Kubilius, Aiken GMFS (803) 643-3281 home, (803) 215-9342 cell wkkw@bellsouth.net; www.aikengmfs.org

Graves Mountain code of conduct:

- Park your vehicle in the designated area (at the end of the paved access road but not much beyond the woods to the right of this road).
- ALL pets must be kept under control and on a leash.
- The caretaker, Junior Norman, has final and absolute say as to where you may safely work.
- Ladders or power tools of any kind will not be allowed. (HAND TOOLS ONLY!)
- STAY AWAY FROM ALL HIGH WALLS!!
- NO RAPPELLING OFF OF ANYTHING!
- NO ONE IS ALLOWED TO DRIVE THEIR VEHICLE ON ANY PART OF GRAVES MOUNTAIN BEYOND THE PARKING AREA! (The caretaker must accompany anyone driving beyond the parking area!)

Rock Raiders



Some Fall Fun for our youth...

Finish the drawing of the scarecrow below - make it just like the half that is already drawn. Color him in if you wish.

Have fun with this easy Halloween Word Search. Have a safe and Happy Halloween.

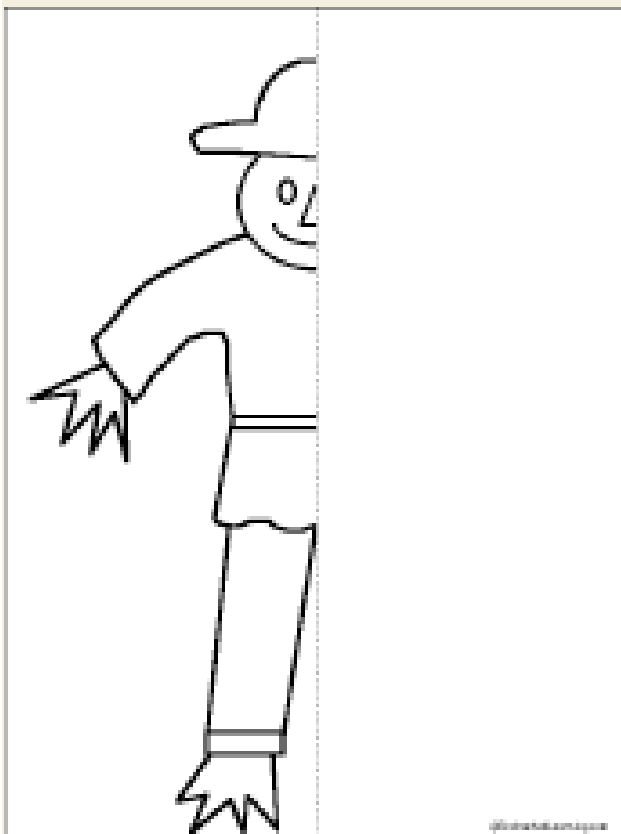
HALLOWEEN WORD SEARCH (EASY)

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O E O E B O B O O L C H
H N I L T R O B H T A S
B C O D Y A G H O S T G
D O T M D N R B A T S N
D H M A C G E O F U T A
P U O A P E D E F T M F
M U N U T R I C K O P M
M D M K S E P H O E A A
Y D C P H E S R C L R S
W E I E K R B R D P T K
N Y N E O I O O E P Y E
C T F H O W N L U A A S
    
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GHOST SPIDER CANDY CROW BLOOD BROOM
 PATCH HOUSE ORANGE BATS MASK FANGS
 APPLE TRICK PUMPKIN NECK PARTY MUMMY
 BOO CAT

Courtesy www.HalloweenGames101.com



Upcoming Events

October 2013

Oct. 25-27- 11th annual Harrisonburg Bead, Gem, Mineral & Jewelry Show; Rockingham County Fairgrounds, Commercial Exhibits Building- 4808 South Valley Pike, Harrisonburg, VA 22801. (Off I-81 between exits 240 & 243) Contact Van Wimmer 540-384-6047 or visit www.toteshows.com

Oct. 26- Ultraviolation- 24th annual fluorescent-only mineral show/swap/sell-("If your rocks don't glow, you're at the wrong show") Organized by: Rock & Mineral Club of Lower Bucks County First United Methodist Church, 840, Trenton Rd. Fairless Hills, PA

Nov. 2-3- 44th annual Gemarama 2013: "Shades of Red"- sponsored by the Tuscarora Lapidary Society. The School at Church Farm, Business Rte. 30, 1/2 mile west of Frazer Rte.30 exit off Rte. 202, Exton, PA.

Nov. 9- 22nd Annual Richmond Gem & Mineral Society Rock Sale and Swap- 9-3 (set up available at 7AM) Ridge Baptist Church Meeting Hall, 1525 East Ridge Road, Richmond, VA 23229

Nov. 23-24- Annual Gem, Mineral & Fossil Show sponsored by the NOVA Mineral Club, George Mason University, www.novamineralclub.org for more info.

SUN	MON	TUES	WED	THURS	FRI	SAT
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16 Meeting 7:00 PM	17	18	19
20	21	22	23	24	25	26
27	28	29	30	 31		

ATTENTION ALL CLUB MEMBERS

Workshops will be held regularly on the second Saturday of each month at Dave Callahan's. Start time is 9:00 AM, but come anytime and stay as long as you'd like. There is a store/deli about a mile down the road if you want to break for lunch and return.

The workshops will be open format, and the purpose will be for club members to learn how to use the lapidary equipment to turn rough specimens into finished lapidary pieces for their own personal use. Experienced members will be available to help teach and assist.

We have a great set up with several sets of wheels for cabbng, faceting machines, saws, and much much more. From time to time there may be special class offerings, so be sure to let us know what you are interested in.

Workshops are open to club members only, and due to liability we can not allow guests or non-members at our club workshops. Remember, membership is just \$15.00 per year for the fist family member and \$3.00 for each additional family member.



*Photographs from the field trip to US Silica Mine...
Continued from page 4*



Moonstone, Garnets, and Rutile, all in the same quarry! This was a wonderful, nicely attended and organized field trip. At right: Abigail Allbeck points to a large garnet in the boulder she is sitting on.



Welcome New Members:

Josh
Baroch from
Lynchburg, VA

Anna
Beck from
Lynchburg, VA

William
Brown from
Fyington, VA

Jane
Whitehead from
Lynchburg, VA

Keyin
McLaren from
Lynchburg, VA

From The First VP... *continued from page 1*

Hornblende (an amphibole)

Hornblende is black and, like all amphibole minerals, is characterized by two perfect cleavages that intersect at about 60° or 120°. Instead of breaking in broad, single cleavage planes like the micas, the cleavage surface of an amphibole mineral tends to display a large number of small, offset planes that help give the mineral a splintery appearance.

The large number of small offset cleavage planes may make it tough to spot the angles at which the two cleavages intersect. The solution is to slowly rotate the mineral in your hand and spot the flashes of reflected light. Even if offset, multiple parallel cleavage surfaces will reflect the light at one time. If you keep track of how far you rotate a given sample, you can estimate whether the two sets of flashes occur at 90° or 60°/120° from each other.

Crystallization of hornblende (black) in an intrusive igneous rock can form spectacular patterns and even layers (unusual in igneous rocks).

Although the highly reflective cleavage surfaces are a good clue, it takes careful examination with a hand lens to spot the diagnostic 60°/120° cleavage intersections in an exposure such as this.

These hornblende pieces show how slightly weathered amphiboles display a splintery appearance. All pieces are black; the grayer looking pieces are reflecting more light from their cleavage surfaces.



In a rock, hornblende frequently forms rectangular crystals that show highly reflective cleavages. In contrast, augite (a pyroxene) tends to be blocky with dull, difficult-to-spot cleavage surfaces.



visit <http://www.pitt.edu/~cejones/GeoImages/1Minerals/1IgneousMineralz/Amphibole/AmphiboleSplintersCUp.jpg> to see a close up of the top photo



If you can remember that the amphiboles from oblique cleavage planes of approximately 120 degrees, whereas pyroxenes have cleavage planes of approximately 90 degrees it will surely help you decide between the two. Amphiboles also are specifically less dense than their corresponding pyroxenes. Hope this helps you.

Happy Hunting,

Jack Curtin

Executive Board Meeting Minutes

Meeting Date: October 3, 2013 at 7 pm

Attendees: John Haskins, Nona Haskins, Natalie Darling, Don McIntyre, Bernardino Rivera, Thom Noble, Linda Noble, Dave Callahan, Dave Woolley, Noel Weller, Frank Midkiff, Jean Midkiff,
Not Present: Tony Shields and Jack Curtin

Natalie addressed members with concern on the recent large purchase that was made with less than 6 board members as required by the club's by-laws. It was discussed and decided that no future purchases would be made without meeting this requirement. It was decided that the Club's Constitution and By-Laws needed to be updated. The members started this process and will continue to update at November meeting.

Thom and Linda will work on getting new By-Laws updated on paper and saved in a Word Document to be copied to all.

It was also suggested a copy of the By-Laws should be placed along with welcome letter to all new members.

Our To-do list to be put before the Board:

Should the club establish a workshop budget of \$500 that club could purchase saw blades, oil, and other supplies without approval of the board?

Park and Recreation should advertise our club meetings on their calendar.

Start sale of 50/50 tickets to have proceeds from sale go toward scholarships for club members to attend Wildacres and William Holland Workshops.

Sign to be created to remind all club members to turn off cell phones or put on vibrate upon entering club

meetings. If call is taken during meeting, it should be taken outside or behind closed doors.

Dave Woolley suggested DVD's need to be available at meeting site and ask if a committee needs to be formed to help Jack with programs?

Nona Haskins volunteered to be the Sunshine Chair and will be responsible for sending out cards and letting the editor know of members in need of prayers, or well wishes.

Next board meeting will be November 6th at 7:00 PM.

Signs that you may be a rock hound:

Partial Reprint from www.rockhounds.com/rockshop/meander.html 6/2007

- The sign on the side of the road says "Falling Rock" and you pull over to wait.
- The severe sunburn acquired on your last vacation was a one inch wide strip of skin at the gap between the tail of your shirt and the top of your pants.
- Watching the movie Armageddon while New York is being destroyed, all you can think about is all the great specimens there would be if that really happened.
- You are convinced that buried deep in some secret government archive is a document that will conclusively prove that the entire US Apollo space program was conceived and developed for the sole purpose of getting a moon rock for a certain Presidential rock collection...The truth is out there!
- You care more about what happened to the diamond in the movie "Titanic" than the people.

PHOTOGRAPHS FROM THE SPRUCE PINE FIELD TRIP WEEKEND, SUBMITTED BY JIM DEMAS



Kyanite Mining Corporation

Source Unknown

Kyanite occurs in long, bladed or needlelike crystals. These crystals have the peculiar property of being softer than a knife blade along the length of the crystal, and harder than a knife blade across the crystal. The color of the mineral is usually blue, but may be white, gray, or green.

Virginia is North America's largest kyanite producer. Kyanite is used in the manufacture of refractories, in the ceramic industry (e.g., spark plugs), and as insulation in space craft. New applications of kyanite are in stainless steel foundries and in fire insulation manufacturing.

Kyanite, an aluminum silicate, was first produced in Prince Edward County in the 19020's. Since September, 1896, Virginia is the only state producing kyanite. Much of the world's kyanite is produced by Kyanite Mining Corporation from the deposit in Buckingham County.

Kyanite Mining Corporation operates two surface mines and processing plants in central Buckingham County: one at Willis Mountain and one at East Ridge. Kyanite-bearing quartzite is quarried from open pits, processed by primary crushers, passed through a long washer to remove clay, and moved onto the classifiers to remove some kyanite. The remaining material passes through a rod mill which reduces it to a minus 35-mesh size, and then moves through froth flotation cells so that the kyanite can be skimmed off. The kyanite is de-watered and then dried; the high temperature of the drying converts the sulfide minerals that are present in the quartzite to oxides. Iron and pyrite are converted to ferrous iron oxide (Fe₃O₄) or magnetite, which is then removed by magnetic separators and stockpiled.

The East Ridge plant processes the raw kyanite which is trucked to the Dillwyn facility for calcining into Mullite. Then the Mullite is milled and bagged for shipping.

The new processing facility is the Gieseke Plant which currently mills both kyanite and mullite. Future plans include completion of a 260 foot kiln for calcining of mullite.

Approximately 40 percent of the entire production is shipped through the Port of Hampton Roads to worldwide customers. Kyanite Mining Corporation also markets a by-product sand obtained from the processing of kyanite. The sand is sold as golf course, masonry, and concrete sand, and for other applications.



This photograph was taken on the September field trip to Willis Mountain, and submitted by Linda Noble. Can you see the profile of an indian head in the center of the photograph against the Sky? It may not be as easy to spot on this reproduction, but if you have the opportunity you may want to ask Linda to see the original, it's amazing!

Thanks to Linda for sharing these pictures with us.

A Message from the Nominating Committee Chairman, 10/01/2013

To all members of The Gem and Mineral Society of Lynchburg, VA, Inc.:

We are currently seeking individuals who are interested in being nominated to possibly serve as an officer for The Gem and Mineral Society of Lynchburg, VA.

A list of "Officers Duties" is available if you would like more information.

To be nominated you must be a member in good standing, over the age of 18. Please feel free to contact me for more information.

Siglinde Allbeck, Nominating Committee Chair

Home: 434-324-8152

Cell: 434-610-2512

Office: 434-369-1170

email: mandsfab@aol.com



Presented by the Northern Virginia Club, Inc. www.novamineralclub.org
 Sponsored by the Dept. of Atmospheric, Oceanic and Earth Sciences at GMU

Date: November 23 & 24, 2013
 Place: The Hub Ballroom (Student Union II Building)
 George Mason University Campus
 Braddock Rd. & Route 123, Fairfax, VA
 Hours: Saturday 10am-6pm, Sunday 10am-4pm
 Admission: Adults: \$5, Seniors & Teens (13-17): \$3
 Children 12 & under, Scouts in uniform,
 and GMU Students w/valid ID are FREE.

\$1 OFF
 1 Adult admission
 with this card

Demonstrations, Exhibits, and Door Prizes. Mini-mines for children to dig in and get free fossils and minerals.
 Over 20 Dealers with Fossils, Minerals, Crystals and Gems for sale.

Use Parking lot A, enter Lot A from Nottaway River Lane.
 Look for our Courtesy Shuttle to Mineral Show



This information came by email from Casey Gunter. Casey and Pete work for Kyanite Mining, where our club has enjoyed collecting for many years. Pete has gotten slammed out of the clear blue sky with cancer; The employees are raffling tickets for a Mod 55113 camouflage shotgun for \$25. If anyone wants to buy a ticket, only 100 tickets sold.

Also there will be a benefit "Turkey Shoot, see flyer or contact Casey Gunter for details. Thanks for your support.

Casey P. Gunter
Kyanite Mining Corporation
30 Willis Mountain Plant Lane
Dillwyn, VA 23936
[434-983-2085](tel:434-983-2085)

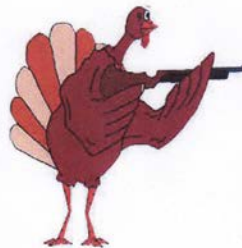
Benefit Turkey Shoot for Pete Baird

Saturday, October 26th from Noon until finished
1024 Backmountain Road, Home of Joe and Sue Jones

 **Donations appreciated!**

Plate lunches sold!

* You don't have to shoot to eat, so come hungry!



This is a stock shoot (12 gauge, #8's) with the exception of two modified rounds and two 22 rounds.

Ammunition will be supplied on premises.

ABSOLUTELY NO OTHER AMMO ALLOWED.

All guns chambers will remain open at all times when not shooting.

For more information, call Joe Jones at (434) 983-2085.

Your support and prayers are appreciated!

Sunshine News:



Along with Pete Baird, Please keep the following members in your thoughts and prayers: Cindy Mitchell, who is caring for her mother who has been ill.
Franklin Midkiff who is recovering nicely from cataract surgery.

Nona Haskins is our Sunshine chair, so if you know of anyone who could use a little extra sunshine please let us know.

Natalie Darling, Editor
211 Chesterfield Rd.
Lynchburg, VA 24502



The purpose of the Gem & Mineral Society of Lynchburg, VA is to promote education in The Earth Sciences, including: Mineralogy, Geology, Gemology, Paleontology, and Crystallography



Lynchburg Rock Raiders is the official Future Rockhounds of America association of the The Gem & Mineral Society of Lynchburg, VA, Inc.



Reminder...

NEW MEETING LOCATION

Lynchburg Parks and Recreation
Fairview Center
3621 Campbell Ave.
Lynchburg, VA

DIRECTIONS: Fairview Center; 3621 Campbell Ave., Lynchburg, VA 24501 434-847-1751~ From Route 29 expressway or Route 460, take the Campbell Avenue Exit. Follow Campbell Ave. to **3621**, which is across the street from a **Citgo Gas Station**. There is a fence around the building and parking on both streets running along the sides of the property as well as a lot in the back. We will be looking for you!