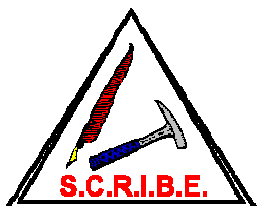


Jacksonville Gem and Mineral Society, Inc.

Vol. 48 No. 6 Jacksonville Florida June 2008

AFFILIATED WITH



Jacksonville Gem & Mineral Society

2008 Officers

President	Jason Hamilton	786-7605	jasons.designs@comcast.net
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Secretary	Tina Jacobs	781-4443	jacobc@bellsouth.net
Treasurer	Harriet Rose	509-3346	RosebiltInc@aol.com
Director (2008)	Cheryl Ashley	731-8180	ceashley@bellsouth.net
Director (2009)	Earl Carlson	783-4602	
Director (2010)	Mickey Cecil	725-6198	helpcecilhelp@juno.com

2008 Committee Chairpersons

Membership	Amy Johnson	262-5458	aartworks@earthlink.net
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Club Show	Tom Frame	737-9867	tomframe@comcast.net
Building Committee	Harriet Rose	509-3346	RosebiltInc@aol.com
Social Concerns	Mary Lou Roberts	307-3368	
Field Trips	Mickey Cecil	725-6198	helpcecilhelp@juno.com
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Education	Jacki Jordan	(352)494-8501	jacki@everything-jewelry.com
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Refreshments	Karyn Bee	282-9275	webee7@aol.com
Scholarship Awards	Linn Dew	221-8477	linndew@aol.com
Canceled Stamps	Jacki Jordan	(352)494-8501	jacki@everything-jewelry.com
Youth Activities	Amy Ellis	710-3316	notthenice1@bellsouth.net
Web Master	Mickey Cecil	725-6198	helpcecilhelp@juno.com

WINNER- SFMS
Small Bulletin
1st Place 2001,
2006
2nd Place 1999,
2000, 2003

AFMS
Honorable
Mention 1999,
2001, 2003
4th Place 2006

Mailing address:
JGMS
6653 Powers Ave, Suite 132
Jacksonville, FL 32217

Meeting Place: First Thursday of every month
Riverside Avenue Christian Church
2841 Riverside Avenue
Jacksonville, FL 32205

Dues: \$20.00/yr Individual \$30.00/yr Family

Purpose: The purpose and objective of this corporation is to stimulate interest in rocks and minerals for furtherance of the activities of the members of this society in the earth sciences; to disseminate knowledge, methods and procedures for the collection, identification, cutting, polishing, setting and mounting of specimens for these activities: to promote good fellowship, proper ethics and conduct in the relationship of the members with each other and with the members of other Earth science societies in pursuit of these activities.

Officers and Committee Members of the Southeast Federation of Mineralogical Societies, Inc. or American Federation:
Jim Robinson SFMS Past President, Canceled Stamp Chairman, Past AFMS Regional Vice President, Past AFMS President
David Tuttle SFMS Past President, Mayo Education Foundation Past Director, Past AFMS Rock Hound of the Year Chair
Barbara Tuttle Mayo Education Foundation Past Director. David & Barbra, Directors of Wild Acres 2005 SFMS Weeks
Dianne Johnson SFMS Uniform Rules Committee Chair 2006, 2007, 2008
Ed Johnson SFMS Bulletin Contest chair 2007, 2008

Bring canceled stamps to the meetings to support the Federation program providing scholarships to Federation workshops at William Holland in Young Harris, Georgia, or at Wild Acres in North Carolina. For every 100 stamps, your name goes into a drawing for a chance to win a scholarship.

Working at club function earns points toward a chance to win a scholarship to William Holland, Stewart and Shirley Roberts Award is for JGMS members with less than 2 years membership. The Bill and Maurine Meadows Award is for JGMS members with over 2 years membership.

JGMS Website <http://www.jaxgemandmineral.org/>

PRESIDENT'S MESSAGE



We had a great meeting this month and there was a lot going on.

There were 18 new members and 4 renewals, WOW!! Before too long, we might have to look into finding a new location for our meetings. Several members participated in tailgating before the meeting from 6:00 pm to 7:00 pm and there were a lot of cool things to check out. We will be tailgating in July and August, but that will be it for the year.

The program for June's meeting was presented by Craig Hamilton on Florida Rocks and Minerals. Craig taught us all about the different uses Florida rocks and minerals have in our daily life and how important these resources are to industry.

The July Program will be a presentation by Jim Robinson on how to set up a display case. Jim's program is timely in that you will have the opportunity to display your finds or creations in the upcoming Club Show in September and Jacksonville Fair in October. Jim will also be giving a class to further cover the rules of competition cases and showmanship.

The August Program will be a silent auction. We are collecting donations now for the auction. Donations can be anything oriented with rocks and minerals or the lapidary arts. You can bring donations to the meeting and give them to me or drop them off at the work shop in the front classroom. The last auction went very well, but it was because of the donations from you, our members, that made it a success.

This month, I'd like to give a big thank you to Chuck Sederholm for offering to take on the role of JGMS Newsletter Editor. Let's help make his job easier by supplying articles.

Happy rock hunting,
Jason Hamilton

EDITORS PEBBLES



I take on the responsibility for this news letter with great trepidation. The process of pulling articles and input together, getting it printed and mailed is a complex activity, but very manageable. I believe the acquisition of interesting and timely material will be the real problem. That is where I will need help from all of you.

Please, please, if you come across material that you believe would be of interest to others, send it to me, or send me a reference. Better yet, first person articles by our members would be far more exciting and interesting.

If you have taken at class either at JGMS or at other schools, and you enjoyed it, write up an article on your experience. Your excitement will spur other club members into trying an activity that they would not have otherwise tried. If you have gone on a field trip which you found interesting and exciting, let your enthusiasm bubble on to the pages of this newsletter.

Please don't worry about being a skilled author. Relating your experiences in your own words, (warts and all) will add warmth and camaraderie.

Finally, please contribute to the silent auction.

Chuck Sederholm

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MINUTES OF THE June '08 MEETING

The monthly meeting of the Jacksonville Gem and Mineral Society was held at the Riverside Christian Church, 2811 Riverside Ave., Jacksonville, Florida on June 5, 2008. President Jason Hamilton opened the meeting at 7:34 pm. He welcomed 19 guests. There were 69 members and 6 juniors present. Gabrielle Singleton led us in the Pledge of Allegiance.

MINUTES: The minutes were accepted as presented in the newsletter with the following corrections under Social Concerns: Alan Lutz should be Al Lutz and May Lutz has cancer not Lois, seconded and approved.

TREASURER'S REPORT: (Harriet Rose) Gave a status of accounts with deposits of \$1246.84 and expenses of \$901.01. Budget was discussed during the May Board Meeting. It is hoped that there will be a budget by August.

YOUTH ACTIVITIES: Amy Ellis led the Jrs. in an activity. .

MEMBERSHIP: There were 4 membership renewals and 18 new memberships made during the meeting.

LIBRARY: (Lynn Hoffman) No report.

SOCIAL CONCERNS: Bobbie Brown has strained her neck. Mary Chambliss has gone to hospice. She is on a morphine pump and clear liquids but is still in very good spirits.

EXIBITS: (Craig Hamilton) No report.

FAIR: (Craig Hamilton) No report.

CLUB SHOW: (Tom Frame) There was a committee meeting in May. Vendor contracts have been sent out, core booths are already committed. Currently trying to wrap up advertisement which includes the Times Union, Folio Weekly, bill boards and mail outs. The show will be trying to get museums to display objects. If anyone has a museum contact, please send them Jason Hamilton.

FIELD TRIPS: (Mickey Cecil) In June there will be a trip to Union Mills, NC for gold, in July to Diamond Hill Mine in Antreville, SC for skeletal, amethyst and smoky quartz crystals and in August the trip will be to the Crabtree Emerald Mine in NC for in matrix, emerald crystals, black tourmaline, garnet, golden beryl, and green beryl.

SCHOLARSHIP: (Linn Dew) No report.

STAMPS: (Jacki Jordan) Keep stamps coming in. There will be a detailed list of where people are in the newsletter.

EDUCATION (Jacki Jordan) In July the Angel Program will start back up. Program was reviewed for new members. Review of current classes and their sign up status. Due to Bobbie Browns neck strain (see Social Concerns) wire wrap class may be cancelled.

REFRESHMENTS: (Karyn Bee) Great turn out for gifts. Let's keep it going. Refreshments and supplies were provided by Karyn Bee, Katie Raven, Kim Lynn, James Lynn, Arden Sederholm, Sandy Ingersoll, Cheryl Mattison, Geneva Rentz, Mary Lou Roberts, Bobbie Brown, and Susan Weiss.

WORKSHOP: (Doug Kryszak) Cabbng wheels will be ordered soon. Request was made for paper towels.

COMMUNICATIONS: Call for a new volunteer to do newsletter. Chuck Sederholm accepted following the meeting.

PROGRAMS: (Cheryl Ashley) No report.

OLD BUSINESS: Mary will not be able to do the Franklin trip this year, but still has a block of rooms reserved at Franklin hotel. Talk to Mickey if anyone is interested in going. If not, Mary will cancel in the next 2 weeks. * The Astronomy Day at the FCCJ Kent campus went well with over 100 people attending during the night observation. There were 3 speakers during the day and 1 at night. David Tuttle and Jason Hamilton both took displays.

NEW BUSINESS: *Peter Chu purchased the remainder of Mary's rocks and has picked all that he wants and has left the remainder at her house available to anyone who wants them, bearing this in mind Mickey Cecil and Dave Tuttle have revived a dream of Charlie's to take florescent minerals he collected, set them up in lighted cases and run trains through them. This display would then be set up at shows. In honor of Charlie and Mary, two "towns" would set up in the cases called Charlie Town and Maryville. On 6/7 anyone can go by Mary's to go through the last rocks. Donations are requested in order to make Charlie's dream a reality. * Request was made for newsletters to be sent out with fewer staples. * Jim Robinson informed the group that Al Sesona, who invented the pancake machine and intarsia machine, has built a package which that allows the making of cabs as well and is offering \$50 off during June for club members. The machine retails for \$389 plus shipping. His # is 888 354 7448, email: Intarsiagrinder@aol.com * Dr. Mike Reynolds, the man who made the telescopes available to our jrs, has been named the Dean of Liberal Arts and Sciences at FCCJ's Kent Campus/Cecil Center. * The display at Regency Library was a big hit. Head of the branch gave big kudos for the display saying it was how a display should be put together. * Fall Picnic is set to be held at Lake Fretwell on the Westside. The Astronomy Club will be joining us. The park will close at 5 but we will be able to go to FCCJ to set up telescopes

SHOW AND TELL: Jean Wydra, David Tuttle, Karen Carter, Phil Thomason, Linda Weinstein, and Arden Sederholm, all shared their wonders with us. Door Prizes were given out. Craig Hamilton gave a presentation on building materials mined in Florida. The meeting was adjourned at 8:51 pm

Respectfully submitted,
Tina Jacobs

Welcome New Members

On behalf the Gem and Mineral Society and its officers, it is a great pleasure to welcome the following 18 new members to our organization: Betsy Caplan; Ann & Jim Dagenais; Scott & Brandi Jackson; Robert, Marelette & Tyler Jones; Ken, Denise & Cody Lovan; Sheila McGriff; Dan & Cathie Miller; Barbara Sarvis; Yvonne & Gabrielle Singleton; and Phill Thomason. We hope all of you will find our organization enjoyable, informative and stimulating; and that each of you will become enthusiastic participants in the clubs activities.

Classes Offered by JGMS

Silver smithing – Beginning to advanced training in the use of silver sheet, silver wire and solder. Incorporating other materials with the silver such as cabochon stones.

Cabbing – Beginning and advanced training in creating cabochons.

Faceting – Beginning and advanced training in creating faceted gem stones. .

Beading – Training in the use of seed beads and bead stringing.

Wire wrap – Beginning to advanced training in creating gold and silver wire wrap jewelry utilizing cabochons, rough, and other gem stones.

Intarsia – Learning techniques in assembling multiple gems in a tight puzzle-like fashion to create a pattern.

Chain making – Beginning to advanced training in creative linking of gold and silver rings to create multiple designs.

Flamework beading – Beginning and advanced training in the fabrication of glass designs through the use of a torch.

Gem Identification – Training in the use of a variety of instruments for the identification and characterization of gem stones.

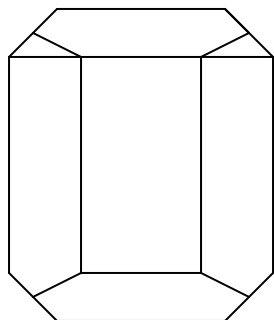
**All classes are conducted at our Work Shop
A schedule of current classes is shown on the back page of this bulletin.**



Mineral of the Month

By David Tuttle, JGMS Member

Malachite



Malachite One of the prettiest minerals that nature has to offer. It occurs for the most part in Botroidal masses, bubbles frozen in time, which produce patterns for bull's-eyes and swirls. The emerald green color has dark concentric lines running through it, giving it its distinctive pattern. Occasionally light green sample are found.

Malachite is a secondary mineral of copper and occurs and develops in hydrothermal zones where the lode and mass change. Minerals that you might find with Malachite are: Azurite, Limonite, and Chalcopyrite. The crystal formation, as seen to the left, is monoclinic and finding pure crystals is a real challenge since they are rare. The crystals found are usually Azurite replacements. The chemical formula, $\text{Cu}_2\text{CO}_3(\text{OH})_2$ shows it is a copper carbonate. Malachite has a hardness of 3.5 to 4 and the specific gravity is 3.9 to 4.

Copper deposits the world over have Malachite. Bisbee and Globe, Arizona, have yielded beautiful specimens. It is also found in the mines in California, Nevada, Utah, Pennsylvania, and Tennessee. Excellent material also comes from Zaire and Russia. In some of the hobby magazines there have been pictures of huge tables and lamp bases made from single pieces of Malachite. There have also been pictures of wall venires made from slabs of Malachite.

Heating precipitated copper carbonate with a solution of ammonium carbonate for several days has artificially formed Malachite. To polish a cabochon use tin oxide, Linde A on leather, chrome oxide on leather or wood. It might require pre-polish on a 1200 or plus wheel.

Malachite rapidly dissolves in hydrochloric acid giving off CO_2 gas. Azurite is very similar as can be seen by the chemical formula:

Malachite
 $\text{Cu}_2\text{CO}_3(\text{OH})_2$

Azurite
 $\text{Cu}_3(\text{CO}_3)_2(\text{OH})_2$



Fluorescent Train Rock Sale

By David Tuttle

The rock sale at Mary Chambliss' home was nearly a huge success. By "nearly" I mean we almost made the hoped for amount and we barely made a dent in the rocks on the back wall. We have plans for something even better in the works.

I've been asked several times, "What is the fluorescent train?"

Charlie Broom wanted to build a model train layout and have it pass through several cases that were lit with black lights, one short wave and the other long wave. The different wavelengths of black lights cause minerals to react by displaying bright colors from ordinary looking rocks.

After Charlie passed away, Mary Chambliss wanted to continue work on Charlie's wish. They had been together for many years and shared the same dreams. As time catches up with us all, Mary can't finish the project and has asked Mickey Cecil and myself to be stewards of the project.

We have collected a lot of fluorescent material that Charlie and Mary had set aside and now are looking at having the train ready for future shows, not only ours but those of other clubs that desire to have it on display.

The model trains will be of the HO gauge, large enough to carry material but small enough to be portable (we hope). It will take roughly \$500 to get the project underway. This includes the two trains, one steam engine and one diesel engine, track and model buildings along with some lumber to construct the framework. We already have a short wave and a long wave ultraviolet lamp. Some club members are digging through attics to find some stored HO equipment to donate, which will give us some extra money for the plastic tables for the layout.

We want this to be self-sufficient and NO money will be collected from the club treasury. This was the first item that was agreed upon or we weren't going to do it.

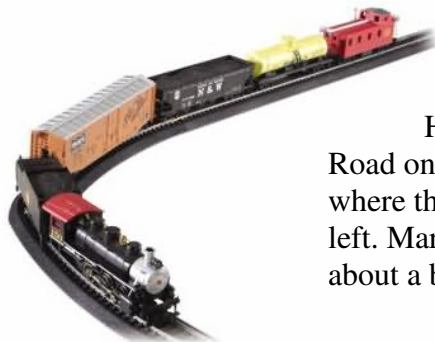
Back to the rock sales to help fund the project. Mary wants to sell the shelves that the rocks were stored on. We will begin to remove the crates and buckets off the shelves and they will be up for sale for \$50 per section. There are four tiers for each shelf made from treated 2x10s and concrete blocks. At the time of construction, Charlie spent close to \$200 for each section.

As for the crates and buckets of rocks, we're going to set up lots for auction. Four crates or boxes will consist of a lot. You buy the whole lot.

SEE YOU AT THE NEXT SALE!!! JULY 5, 2008

2453 HOLLY POINT ROAD EAST

ORANGE PARK



Holly Point Road is off US 17 just past Wells Road on the left and across a little bridge. At the point where the road construction begins, heading south, turn left. Mary's place is the 2-story white house on the right, about a block and a half from US 17.

“Eric” the Opalized Dinosaur

An early Cretaceous fossil pliosaur was discovered in mid-1987 by an opal miner at Coober Pedy, South Australia. In 1988 the remains were brought to Sidney by an opal dealer. The Paleontological staff of the Australian museum cleaned and reconstructed the shattered specimen.

It took 450 hours of painstaking work to remove the rock from numerous bond fragments and to reassemble them. All the original bone in the pliosaur's skeleton had been completely replaced with opal (mostly of a poor quality white variety), which could happen only in Australia.

Most of the skeleton (85-90%) was recovered and successfully rebuilt. The fragile skull came out in four separated blocks of rock. Inside the pliosaur's rib cage lay piles of smooth round pebbles of gastroliths to help grind the food. Mixed with them were a dozen tiny fish vertebrae, also opalized which were the remains of the animal's last supper.

The pliosaur was a fast-swimming marine predator with numerous sharp teeth. It is related to an older form known as pelycosaur, found in South Africa in rock approximately 60 million years old. (reprinted from the Cotton Indian Gems, October 1997)

Going to Washington, D. C.?

Visit the Janet Annenberg Hooker Hall of Geology, Gems and Minerals

At: National Museum of Natural History
Smithsonian Institution
Constitution Avenue and 10th Street, N. W.

The Janet Annenberg Hooker Hall of Geology, Gems and Minerals opened September 20, 1997. Designed to showcase the world-renowned National Gem and Mineral Collection, the new hall explores dynamic earth processes, including crystal and ore formation, volcano and earthquake origins, plate tectonics and the formation of the solar system. The new hall is named in honor of Mrs. Janet Annenberg Hooker, in recognition of her \$5 million contribution toward its creation.

A team of more than 100 curators, designers, scientists, architects, engineers, artists, educators, writers and researchers developed the 20,000 square foot project starting in early 1989. The hall features natural and reconstructed environmental surroundings. It also incorporates interactive computers, animated graphics, film and video presentations, floor and ceiling treatments, hands-on specimens and tailored display lighting.

EXHIBIT AREAS

Harry Winston Gallery

The gallery features the renowned Hope Diamond, the world's largest faceted deep blue diamond. The 45.52 carat Hope Diamond has a history tinged with speculation and superstition. A gift from Harry Winston to the American people in 1958, the Hope Diamond is exhibited with other geological products of the earth. Included are the striking Tucson ring meteorite, a naturally sculpted sandstone concretion from Fontainebleau, France, a 146-kg (325-lbs) sheet of natural copper found in Michigan and a quartz crystal group from Namibia weighing approximately 600-kg (1320-lbs). Also featured will be a polished slab of migmatite, a rock formed at high temperature and pressure deep within the earth.

National Gem Collection

This section showcases selections from what is recognized to be the finest collection of gemstones and jewelry pieces in the world. Among the highlights will be the Hooker Emerald, Hooker Starburst Diamonds, Star of Asia, Rosser Reeves Ruby, Chalk Emerald, Marie Antoinette diamond earrings, Napoleon Diamond Necklace, the rare DeYoung red and pink diamonds and a 23,000 carat topaz gem. (This topaz is a gift from the members of the AFMS)

Splendors of the Mineral World

A striking array of glistening crystal specimens emphasize the importance of minerals in everyday life, considered the building blocks of earth, scientists have identified nearly 4,000 minerals. The mineral and crystal treasures area will display the most spectacular minerals, crystals and gems and encourage visitors to explore topics such as crystal shape, color and growth and where minerals are found.

Mine Gallery

A “walk-through mine” features actual crystal pockets and ore veins to create four U. S. mines embedded in rock-like walls. The exhibit incorporates mineral deposits from an historic zinc mine in Sterling Hill, New Jersey; a semi-precious gem-mine in Amelia County, Virginia; historic Copper Queen Mine, Bisbee Arizona; and lead from the Fletcher Ine, Viburnum, Missouri.

Rocks Above and Below

A re-creation of a cave will feature large touchable specimens and simulated rock outcroppings which tell the story of how rocks are formed. The surface forces of wind, water, gravity, and deep earth forces of incredible heat and pressure are also explained.

Plate Tectonics Gallery

This gallery shows how earthquakes, mountain chains, and volcanoes are the primary result of the constantly shifting earth surface. State-of-the-art exhibit techniques include an HDTV theater which explores these dynamic earth processes, and bisitor interactivity maps and models which explain how the heat of the earth’s interior serves as the engine that drives the change of our planet.

Earth and Moon Meteorites

This section explores the intricate puzzle of the birth and history of our solar system through films. (Reprint from A. F. M. S. Newsletter, October 1, 1997)

JGMS Meeting Programs

The July program will be a demonstration given by Jim Robinson on how to properly set up a display case. With the upcoming Club show and Fair, members will have the opportunity to learn the skills necessary to present award winning displays. Jim will also be offering a detailed class in July on setting up a display case for competition. All those interested, be sure to sign up. Classes like this are not offered often.

August will be the JGMS semi-annual silent auction. Members are encouraged to donate rocks, minerals and lapidary oriented items. Donations can be given to Jason Hamilton at the July and August meeting or dropped off at the work shop on the back shelves in the front class room. The success of this auction depends squarely on the items donated by you the members.

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The Southeast Federation of Mineralogical Societies, Inc

DMC Program of the SFMS Field Trip Committee

An Official Field Trip of The Augusta Gem & Mineral Society (HOST)

An Official Field Trip of the Jacksonville Gem and Mineral Society

9:00 AM, Saturday, June 28, 2008

Thermal City Gold Mine

Union Mills, North Carolina

FEE AREA

Fee or Free: \$5 to pan all day, \$30 for front-end load

Contact numbers: phone: 828-286-3016, e-mail address: info@thermalcitygoldmine.com

Website: <http://www.thermalcitygoldmine.com/>

Postal address: 5240 US Rt. 221, Union Mills, NC 28167

TRIP: This is an unsalted site and we have had success finding gold here. The mine's aim is to provide an authentic experience. This mine is located on the actual site of the earliest placers of Rutherford County. It opened in 1830 and has produced gold ever since then.

COLLECTING: Thermal City Gold Mine consists of a one-half mile section of the Second Broad River and about 30 acres of Placer Gravel Deposits having one of the seven veins from the mountain supplying it. Panning material is brought from the river by backhoe for you to pan. The gravel is not "enhanced or enriched". The gold found here is in its natural state- right where nature deposited it. Gold is found as snuggets- small nuggets. Ample shade, parking, and instruction in panning are always available when needed.

SPECIAL CONDITIONS: Camping facilities with full hook-ups to primitive are available on a first come basis. Call 828-286-3016 for rates. No drugs, alcohol, or firearms are allowed. The grounds are almost level and a short distance from panning to camping and restrooms.

Children : Welcome with Adult Supervision

Pets: Pets allowed on leash

BRING: Shovels and pans are furnished or you can bring your own. Other equipment is for rent/purchase.

DIRECTIONS AND WHERE TO MEET:

Where we will meet: At the mine.

When: 9am, Eastern Daylight Time.

Directions to our meeting place: From Spartanburg, SC and I-85 take US Rt 221 north through the town of Rutherfordton, NC to the northern edge of Thermal City, NC. The mine is located on the right side of Rt. 221 about 12 miles north of Rutherfordton near the Rutherford/McDowell county line.

Drive Time: From I-85 in Spartanburg, SC it is approximately 25 miles and will take about 30 minutes drive time.

"Field trips are open to all members of associated clubs of the DMC program of the SFMS Field Trip Committee and to all members of SFMS member clubs who have provided their membership with SFMS liability insurance. Because of insurance requirements, members of the GENERAL PUBLIC are NOT invited on this or any DMC program field trips!"

DMC Program / SFMS Field Trip committee's purpose:

To collect field trip information from its member societies; schedule and coordinate field trip dates; disseminate field trip information to all member clubs so that each member society may publish this information as one of their "official" scheduled field trips.

Please reply by e-mail to:

dmc@gamineral.org

World Wide Web site for the DMC is:

<http://www.gamineral.org/dmc.htm>

DMC is a program of the Field Trip Committee of the Southeast Federation of Mineralogical Societies, Inc.

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"Earth first...we'll collect on the other planets later."

The Southeast Federation of Mineralogical Societies, Inc

DMC Program of the SFMS Field Trip Committee

An Official Field Trip of the Southern Appalachian Mineral Society
(Asheville, NC) (HOST)

An Official Field Trip of the Jacksonville Gem and Mineral Society

8:30 a.m. EST, Saturday, July 19, 2008

Diamond Hill Mine, Antreville, Abbeville County, S.C.

FEE AREA

The Southern Appalachian Mineral Society would like to extend an invitation to rockhounds to visit one of the premier quartz collecting localities in the southeast. The Diamond Hill Mine has been producing skeletal, amethyst and smoky quartz crystals as well as quartz scepters and an assortment of pegmatite minerals for many years. Come join us!

Assembly Point: Diamond Hill Mine

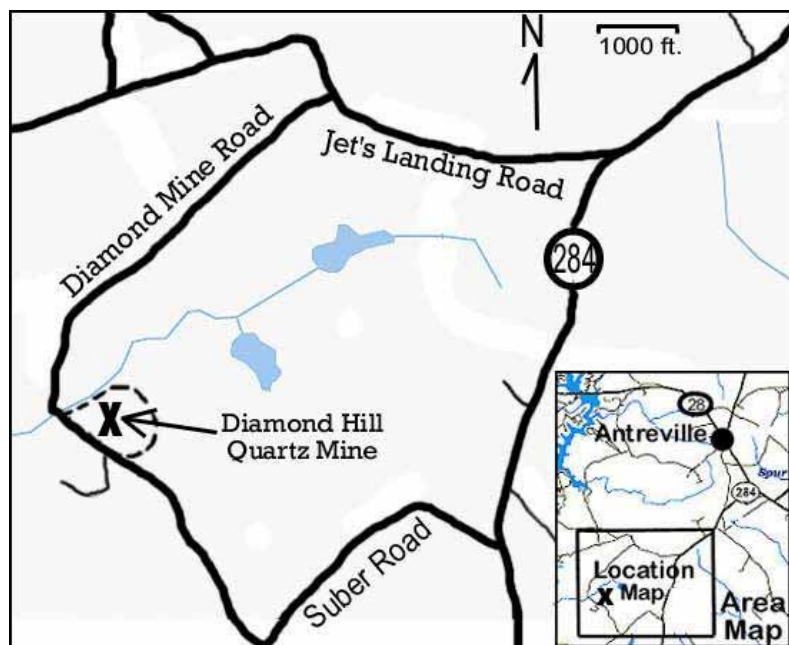
Directions: The Diamond Hill Mine is located near the small town of Antreville in northeastern South Carolina. From the south: Exit I-20 at US 221 (exit # 183) just east of Augusta, Georgia. Drive north on US 221 to McCormick, SC. In McCormick turn north onto SR 28. Continue north on SR 28 toward Antreville (approx. 50 miles). About 2 miles south of Antreville, SR 184 enters SR 28 from the left (west). When you pass SR 184 start watching carefully on the left for Emanuel Baptist Church. Turn left at the church onto SR 284. Drive west on SR 284 for 2.3 miles watching carefully on the right for Suber Road (S-0 1 -508). Turn right onto Suber Road and follow it approx. 0.7 miles to Diamond Hill Road (on right, gravel, S-I-538). Turn right onto Diamond Hill Road and follow it about 0.5 miles. The mine entrance will be on the right.

Fees: Adults = \$15/day Children under 16 year of age = \$5/day. Also, upon arrival, each participant will be required to sign a waiver of liability.

Bring: Pick and shovel, rock hammer, chisels, and scratching tools. There is ample water on site for screening and washing specimens. Bring a lunch, plenty of fluids, hat, sunscreen, gloves, and sturdy shoes. Bring rubber boots and a change of cloths if it is going to be a rainy or wet day. Please be prepared for hot and humid conditions at the mine during this time of year.

Trip Chairman: Tim Barton, (828) 885-8248 **or**

Hal Mahan (SAMS President) phone 828-285-9470



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Sun	Mon	Tue	Wed	Thu	Fri	Sat
1 <i>B-Day Jason Hamilton</i>	2 <i>B-Day Sarah Hamilton</i>	3 <i>B-Day Karyn Bee</i>	4 <i>B-Day Ronald Shacter</i>	5 JGMS regular meeting 7:30 Tail Gating from 6 - 7 <i>B-Day Zakery Bee</i>	6 <i>B-Day Jeff Bee</i>	7 9:30-2:30 Primitive Casting - Hamilton
8	9 6:00-9:00 Beginning Silver Hamilton 6:30-9:30 Colored Gem ID Jordan	10 6:00-9:00 Beginning Silver Hamilton	11 6:00-9:00 Beginning Silver Hamilton 6:30-9:30 Colored Gem ID Jordan <i>B-Day Jacquelyn Whitaker</i>	12 6:30-9:30 Beading Ashley	13	14 <i>B-Day Michele Mathes</i>
15	16 6:30-9:30 Solderless Clasps Applegate	17 6:30-9:30 Cabbng Bailey	18 6:30-9:30 Solderless Clasps Applegate <i>B-Day Karen Boger</i>	19 6:30-9:30 Solderless Clasps Applegate Cabbng Bailey	20 6:30-9:30 Chain Maille Ellis <i>B-Day David Shacter</i>	21 9:30-2:30 Lampwork Sederholm
22	23 6:30-9:30 Advanced Silver Hopkins	24	25 6:30-9:30 Advanced Silver Hopkins	26 Board meeting 7:30-9:30	27	28 DMC trip to Thermal City Gold Mine Union Mills, North Carolina
29	30 6:00-9:00 Open Silver Jacobs <i>B-Day Derek Dendler & John Dooley</i>	July 1 6:00-9:00 Open Silver Jacobs	2 6:00-9:00 Open Silver Jacobs	3 JGMS regular meeting 7:30 Tail Gating from 6 - 7	July 4th Independence Day	
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JGMS Instructors for June

Applegate	519-6769	Hopkins	262-5458
Ashley	731-8180	Jacobs	781-4443
Bailey	346-0083	Jordan	(352)494-8501
Ellis	710-3316	Sederholm	992-7162
Hamilton	294-4744		