

# Canaveral Moonstone



## Presidents Corner



Well the holiday season is upon us. It seems impossible that a year has gone by already. Our Parade of Gems for 2021 was a huge success in my opinion. Although the numbers are not completely in yet I am confident that we made a substantial profit. As always our volunteers were busy at work all weekend long and many thanks go out to those of you who spent the entire weekend there ensuring that we had a successful and enjoyable show. I don't know about you but I found more than enough things to spend money on!

Our holiday celebration has been organized this year by Joe Bina. Many thanks to him for taking on the responsibility of initiating and organizing our holiday celebration this year. (Please see Joe if you would like to get involved in helping) . We are continuing the tradition of meeting the third Thursday in December as well as the most enjoyable tradition of the Yankee trader event. Kathy Burnette has already graciously volunteered her time to create a successful and enjoyable present exchange. Included in the newsletter you should find information and details about the location.

Melissa Horan  
CMGS President 2021

### Exchange Bulletins are Welcome

(All material may be copied unless otherwise noted if credit is given)

The Dead Line for the January Moonstone is December 20, 2021.

The URL for CMGS web site is: <http://www.canaveral-mgs.com/>

The **Canaveral Mineral and Gem Society** (CM&GS) is a registered Florida not-profit-corporation approved by the Internal Revenue Service as a tax exempt , organization under Internal Revenue Code section of Florida 501 (c) (7) for the following purposes:

1. For the preservation, support, and promotion of the hobby of Mineralogy and its various forms of allied activities and earth sciences.
2. To dedicate ourselves to the furtherance of the hobby through the exchange of knowledge, experience, and other helpful information among ourselves and other like organizations.
3. To further the education of members and the general public of the hobby by programming talks, discussions, motion pictures, field trips, and the staging of shows and exhibitions.
4. To maintain an active affiliation with the Southeast Federation of Mineralogical Societies and to participate in Federation activities to the fullest extent possible.

### **Goals and Objectives**

5. To promote the spirit of cooperation and fellowship among the membership.
6. To increase our knowledge of rocks and minerals and to explore the mystery and wonder of the earth.
7. To actively encourage members to attend educational classes, workshops, lectures, and demonstrations.
8. To stimulate interest in the earth sciences within the community by providing scholarships to worthy students at all educational levels.
9. To provide the necessary equipment and resources to enable members to develop their interests.
10. To enjoy our hobby and Have Fun!

### **Affiliations**

The Canaveral Mineral and Gem Society is a member of the Southeast Federation of Mineralogical Societies (SFMS) and the American Federation of Mineralogical Societies (AFMS)

### **Meetings and Dues**

Meetings are the First Wednesday of each month at the Melbourne Front Street Civic Center. Meetings start at 7:00 p.m. Visitors are always welcome! Dues are \$30.00 per year. Junior Member dues are \$2.00 per year. Club shop is now located at 255 East Drive, Suite K, Melbourne, FL.

# December 2021

<i>Open Shop 11am-3pm</i> Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1 <i>Open Shop 11am-3pm</i>  <i>Monthly Business Meeting</i>	2 <i>Open Shop 5:30—9:30pm</i>	3	4 <i>Open Shop 8:30—12:30pm</i>  <b><i>Holiday Jewelry Sale*</i></b>
5	6 <i>Open Shop 5:30—9:30pm</i>	7	8 <i>Open Shop 11am-3pm</i>	9 <i>Open Shop 5:30—9:30pm</i>	10	11 <i>Open Shop 8:30—12:30pm</i>
12	13 <i>Open Shop 5:30—9:30pm</i>	14	15 <i>Open Shop 11am-3pm</i>	16 <i>Closed Shop</i> <b><i>CMGS Christmas Dinner**</i></b>	17	18 <i>Open Shop 8:30—12:30pm</i>
19	20 <i>Open Shop 5:30—9:30pm</i>	21	22 <i>Open Shop 11am-3pm</i>	23 <i>Open Shop 5:30—9:30pm</i>	24	25 <i>Shop Closed</i>  Merry Christmas
26	27 <i>Open Shop 5:30—9:30pm</i>	28	29 <i>Open Shop 11am-3pm</i>	30 <i>Open Shop 5:30—9:30pm</i>	31 New Years Eve	

## Meetings are being held at the Front Street Civic Center

\*Christmas Jewelry sale details below

\*\*Details of Holiday celebration on page 7

Presentation at our December meeting— Debbie Jorgensen

## Christmas Jewelry Sale

We are going to have a jewelry sale for members and friends, by members.

It's a one-day sale at our work shop during Saturday's open shop.

**When – Dec 4, 2021**

**Where – 255 East Drive, Melbourne**

If you are interested in showing your jewelry, please contact Shannon Byrd at 321-223-4007. Vendors will donate 10% of sales to the club. Setup will begin at 9am. The sale will run from 10AM To 1 PM.

Members Currently Signed up to sell:

Shannon Byrd

Dave Jacobson

Arthur Delaurentis

Sharon Jones

Melissa Horan

Sharilyn Marshall

## Canaveral Mineral and Gem Society November 3, 2021 Meeting Minutes

President Melissa Horan opened the meeting Wednesday, November 3rd at 7:04 pm at the Front Street Civic Center, 2205 Front Street, Melbourne, FL 32901.

Melissa welcomed a new guest, our member, Meg Herbert's mom who is visiting from Blowing Rock, North Carolina. Melissa also announced that our long time member, Denise Jackson, is very sick and is in hospice at home. Please keep her and Mark in your prayers.

Secretary, Mary Kinberg – Melissa announced that the October Minutes were published in the Moonstone. She asked if there were any amendments or changes to the printed minutes. There was a motion to approve the minutes as printed and they were approved.

We did not have a nominee for Corresponding Secretary. Thankfully, Stephanie Murphy nominated herself and will be put on the ballot.

Treasurer, Liz Ritter – Checks went out including half of the payment for the POG rent and other POG expenses, rent for workshop and other checks. We received more vendor money, donations, payment checks and raffle money. Liz passed out the Treasurer's Report to the members.

Education Chair -Dave Wayment, Dave asked that members please bring in raffle prizes and buy tickets. This helps our scholarship raffle. He also reminded everyone the workshop is for hobbyist not for people selling products. We want people to come to the workshop to enhance their hobby.

Membership, Kathie Burnette - said we are up to 128 members.

Sharon Jones announced the winners of the contest, "FaceBook Share the POG." The rules of the contest were to share the POG event in which you would invite 3 people and then write 2 sentences about the POG. Sharon said there was a lot of participation, but Scott Bellinger invited the most people of all! Thanks Scott. He won a pendant and donated it the POG. Melissa Horan was the second winner. Shannon Byrd was third in line and picked a pendant made by Melissa. Pat Shannon also won a prize. Thanks to Sharon for coming up with this great contest and to all who participated!

Melissa presented different ideas for the Member's Christmas Party and options were discussed. It was voted on that a buffet at Golden Corral would be the best option. Joe Bina is going to check with Golden Corral and see if Thursday, Dec 16<sup>th</sup> is available. Kathie Burnette went over the rules for the Yankee Trader. If you want to participate, you need to bring a wrapped gift which cost between \$10-\$20. A nicer gift is always appreciated. Participants will draw a number, if you draw #1 you will go first and may lose your gift, however, you will get the last pick.

Also discussed was the Member's Christmas Sale at the workshop which is scheduled for Saturday, December 4<sup>th</sup>. 10% of your gross sales will be given to the club. It's a fun time and a wonderful way to buy unique and beautiful gifts.

Please sign up on the sheets for the POG show. We need help on Friday setting up, Saturday and Sunday. Also please put out POG signs on Friday night and pick them up on Sunday.

If you have any pieces that you made and would like them displayed at the show, please give them to Debbie Jorgensen, Shannon Byrd or Sharon Jones by Friday or Saturday morning first thing. You can get into the show by 8:30 if you have a badge on. There will be no dealer breakfast or dinner this year.

Art DeLaurentis is running the grand prize booth and would appreciate any nice pieces that you can donate for Grand Prize giveaways at the POGs. Art also announced that Mark Heathman had his third knee surgery and is doing ok.

Melissa announced the slate of Officers and Directors for the 2022 election as follows:

President - Melissa Horan

Vice President – Lynn McKinley

Secretary- Mary Kinberg

Treasurer – Liz Ritter

Bulletin Editor- Shannon Byrd

Membership Chairman- Kathie Burnette

Education Chairman – Dave Wayment

Corresponding Secretary – Stephanie Murphy

Board of Directors 3 yr. – Jim Ragan

Board of Directors 2 yr.- Keith Stokes

Board of Directors 1 yr. – Dave Jacobson

Bob Denaburg made a motion that everyone be elected who was announced. Dave Wayment seconded it and the motion was approved. Congratulations to our new club officers!

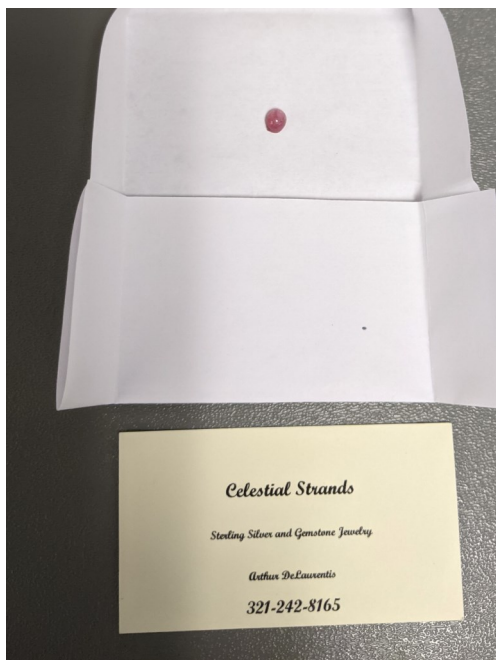
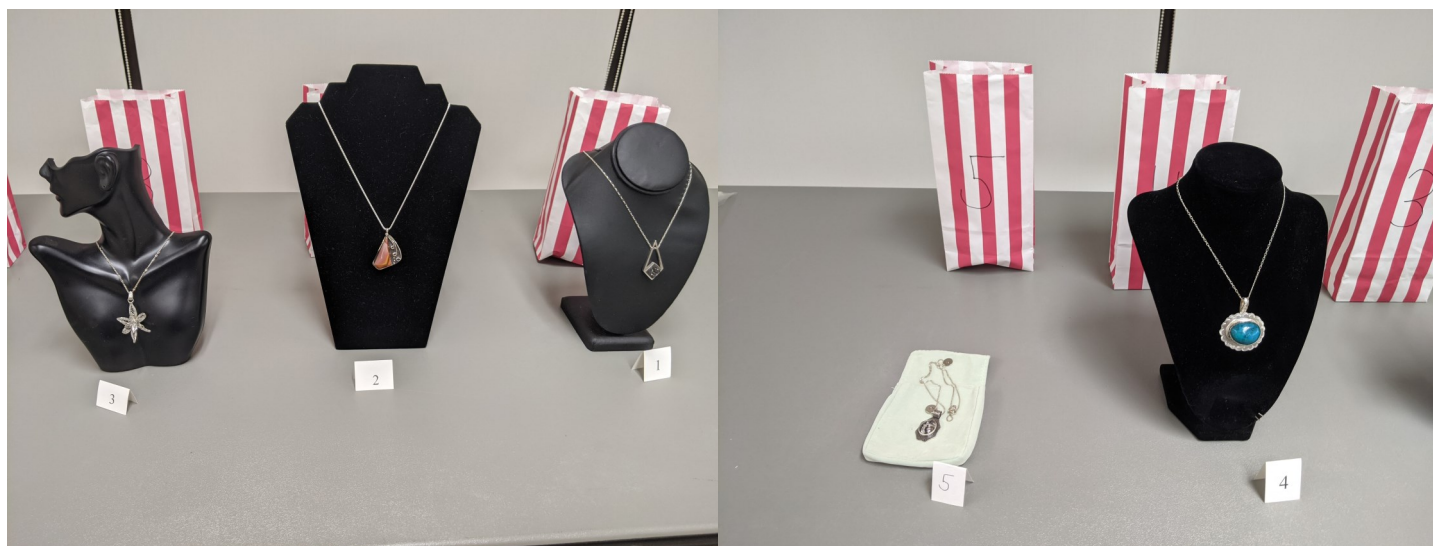
Dave Jacobson spoke on the mineral of the month, Corundum. Two of the most famous gemstones are varieties of corundum, such as rubies and sapphires. Corundum is the second hardest mineral on the Mohs scale. Thanks Dave for the great information you share with us!!

During the break, everyone voted on the Grand Prize winner. This was very difficult as all five of the entrants were incredible. Thanks to everyone who entered. Congratulations to Melissa Horan for winner of the Grand Prize!

Show and Tell: Melissa Horan thanked Art DeLaurentis for teaching her more advanced cabbing. She had many difficult cabs to show us including a double sided tear drop, a cross and a six sided stone. Art DeLaurentis displayed a lustrous ruby he cabbbed that he found in 1970 at a mine. Dave Jacobson displayed more beautiful seaglass pendants and great earrings. Debbie Jorgensen shared a beautiful pendant with an open back and open sides. Jim Ragan showed more difficult cabs and also thanked Art for helping him improve his cabs. Denise Burson shared rocks with fossils that she found in Tennessee on a rock collecting trip. Thanks Jim Price for bringing the sign you made of the different mines.

Secretary,  
Mary Kinberg

## Grand prize entrants



**Show  
and  
Tell**





**Show  
and  
Tell**

Jim Ragan’s Cabs



Jim Price's sign



## **5th Annual CM&GS Rock Swap**

**Saturday, March 19, 2022**

### **Wickham Park.**

The rock swap will be held at Pavilion #4 on the east side of the second (north) lake at Wickham park just past the dog play area.

The public is invited, entrance is free. All vendors must pay a \$15 fee to cover expenses. The first 14 vendors can make a reservation for an 8 foot picnic table under the pavilion shelter. Other vendors can tailgate or use the parking and grass areas.

The rock swap will run from 9:00AM - 3:00PM. Vendors can begin setting up at 8:30AM.

Contact Mark Heathman at 321-474-1406 to make a reservation.

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## **CMGS 2021 Holiday Celebration**

**Thursday December 16—6PM**

**Golden Corral Palm Bay  
880 Palm Bay Rd. N. E.**

East of Highway 95 Next to Denny's South side of the road

They will have the grilled to order Steak and maybe other items too.

We will setup tables at 5 PM They close the doors at 9 PM

If the majority of guests buy food or drink the room is FREE.

If you are wanting to do the Yankee Trader Event you need to Bring a Gift to get One  
Max gift cost is \$ 20.

If your gift is Gender specific put Blue or Red tag or ribbon on it.

## **Upcoming Mineral and Gem Shows 2021**

### **Withlacoochee Rockhounds Annual Gem and Mineral Show**

Fri, Dec 3 – Sun, Dec 5

Veterans Memorial Park, 14333 Hicks Rd

Hudson, FL

### **Pinellas Geological Society Gem, Jewelry & Mineral...**

Jan 14 – 16, 2022

Central Park Performing Arts Center, 105 Central Park Dr

Largo, FL

### **Tomoka Gem & Mineral Society Show & Sale**

Jan 15 – 16, 2022

Volusia County Fair, 3150 E New York Ave

DeLand, FL

### **Central Brevard Rock and Gem Show**

Feb 5 – 6, 2022

Kiwanis Island Park, 951 Kiwanis Island Park Rd

Merritt Island, FL

### **Imperial Bone Valley Gem, Mineral & Fossil Society...**

Saturday Feb 26, 2022

First Presbyterian Church, 175 Lake Hollingsworth Dr

Lakeland, FL



## Mineral Of The Month – Spinel

By Dave Jacobson

This month we will examine spinel,  $\text{MgAl}_2\text{O}_3$ , magnesium aluminum oxide. Spinel is another gemstone mineral. In fact, many famous rubies in the crown jewel collection, were found to be spinel. It is often substituted for ruby as a security measure. In 1783 spinel was recognized as a different mineral than ruby by a French mineralogist Rome de Lisle (1736 – 1790). Prior to that red spinel and garnet were also considered ruby. . Spinel is found in many locations in the world of which the more famous are Burma, Sri Lanka, Brazil and Afghanistan. Some other locations are in Germany, Italy, India, Sweden, Russia and East Africa. In the United States large crystals have been found in Orange County, New York and the Sterling Hill Mine in Ogdensburg, New Jersey. Years ago I collected minerals in Limecrest Quarry, Sussex County, New Jersey. This quarry was open to collectors, once or twice a year. One of the many minerals collected in Limecrest Quarry was small ruby spinels

Spinel is typically formed in metamorphosed clay stones and dirty limestone and low silica pegmatite. It is often found with corundum. Much of the gem material is mined in alluvial deposits, which have weathered out of the primary deposit

Spinel, which has a hardness of 8 is the third hardest mineral on the Mohs scale. It is slightly softer than corundum because the magnesium-oxygen bonds in the spinel are not as strong as the oxygen-aluminum bonds in the corundum crystal structure.

Spinel is in the isometric crystal system. The crystals are typically octahedrons or combinations of other isomeric forms. It is also found as aggregates of rounded grains in the alluvial deposits. Hardness is 8. Specific gravity is 3.58. The streak is white or colorless but can also be green, grey or brown. Spinel can be red, green, blue, purple, brown and black. Some of the trace elements which form the colors are as follows. The red is due to chromium. Purple red is due to chromium plus iron. Orange is due to chromium plus vanadium. Blue is due to iron and/or cobalt. Green is due to iron. Spinel has vitreous luster. Fracture is uneven to conchoidal

Spinel most probably takes its name from the Latin word *spina* for “thorn” which alludes to a sharply pointed crystal.

I used the following reference materials in preparing this article:

*A Field Guide to Rocks And Minerals* by Frederick H. Pough.

*Mineralogy For Amateurs* by John Sinkankus.

Simon & Schusters Guide to Rocks And Minerals.

*Gemstones Of The World* by Walter Schumann.

*The Audubon Society Field Guide To North American Rocks And Minerals* by Charles W. Chesterman.

*Gems, Crystals, & Minerals* by Anna S. Sofianides & George E. Harlow

*Amethyst Galleries Mineral Gallery* on the internet at <http://mineral.galleries.com>.



## Bench Tips by Brad Smith

### Work Smarter & Be More Productive With Brad's

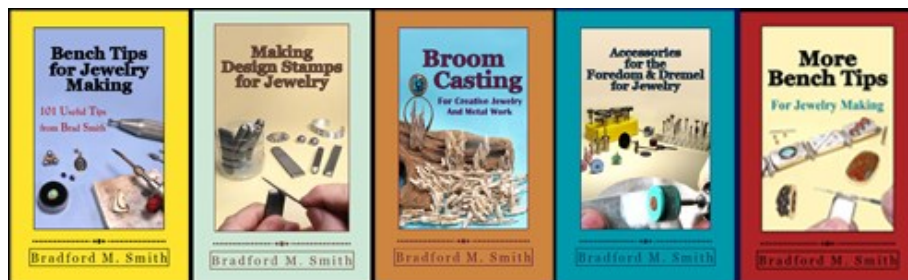
[Amazon.com/author/bradfordsmith](https://www.amazon.com/author/bradfordsmith) "How To" Jewelry Books

#### MARKING YOUR TOOLS

It makes sense to mark your tools if you ever lend them to friends or take them out to classes or workshops. Question is how to mark them permanently. For metal tools, I use a very small ball bur running fast in the Dremel or Foredom to "engrave" my initials. Other times I'll form the initials with a number of hits with a center punch.

But for hammer handles and other wooden tools, the country boy in me came back and thought "Why not make a branding iron?" If you'd like to try one, all you need is a little scrap copper or nickel about 22-24 gauge, a piece of heavy brass or copper for a base, about 6 inches of metal rod and a piece of wood for the handle.

I formed my initials from a couple 4mm strips of sheet nickel. The "S" was one piece, but the "B" was three pieces soldered together with hard. (Remember to form the letters backwards). I then soldered the letters with medium onto a piece of 1/8 inch thick brass bar to act as a heat sink. Finally, I soldered a piece of 1/8 round rod on the back of the brass bar as a shaft to join to a wooden handle.



Solve Your Jewelry Making Problems With

Brad's "How To" Books

[www.amazon.com/author/bradfordsmith](https://www.amazon.com/author/bradfordsmith)

## **Message from our Webbie**

By Sharon Jones

FACEBOOK & INSTAGRAM

Thanks for "sharing" our show event on social media.

Your help increased attendance at our show!

Please do the same to help your friends know about our Members' Sale at the shop  
Saturday, December 4.

## **Pet of the Month**

**Shannon Byrd's Pomeranian "Rocky". Born July 28, 2021, he will be a therapy dog..**

**Rocky weights 5 lbs.**



**Send me your pets photo and show off your fur baby.....**



## Club contacts

**President:** Melissa Horan 1178 Firthview Dr, Melbourne, FL 32935, (321)960-4134

**Vice President:** Lynn McKinney, 3537 Sparrow Ln, Melbourne, FL 32935, (321)427-24460

**Secretary:** Mary Kinberg, 245 Hedgecock Ct., Satellite Beach, FL 52937, (321)223-4260

**Treasurer:** Liz Ritter, PO Box 500827, Malabar, FL 32950, (321)544-2036

**Bulletin Editor:** Shannon Byrd, 2225 Ladner Rd. NE, Palm Bay, FL 32907, (321)541-7230

**Membership Chairman:** Kathie Burnette, 554 Veracruz Blvd, Indialantic, FL 32903, (321) 693-9719

**Education Chairman:** Dave Wayment, PO Box 780791, Sebastian, FL 32978, (772)532-6432

**Corresponding Secretary:** Stephanie Murphy, 2142 New York St, W. Melbourne, FL 32904. (321)723-1817

**Board of Directors 3yr:** Jim Ragan, 3436 Fort Nelson Lane, Melbourne, FL 32934. (321)255-1773

**Board of Directors 2yr:** Keith Stokes, 601 Georgia Ave., Melbourne, FL 32901, (321)266-8707

**Board of Directors 1yr:** Dave Jacobson, 672 Manor Place, West Melbourne, FL 32904, (321)676-4306

**Board of Directors (Past President) 1yr:** Don Mc Lamb, 570 Seabreeze Dr, Indialantic, FL, 32903, (321)723-2592

**Librarian:** Sue Diebel, 35 Sapphire St. Melbourne, FL 32904, (321)704-3198

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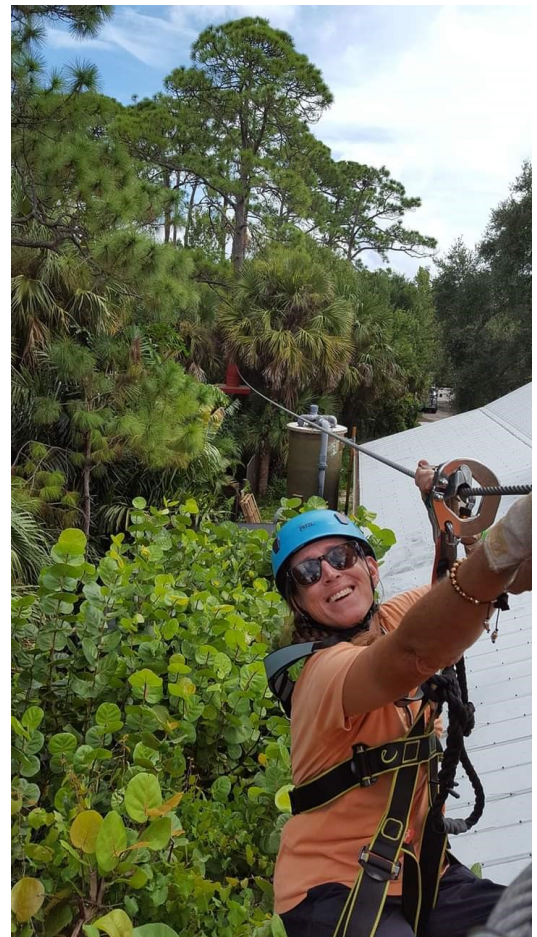
It is with great sadness that I tell you that Denise Jackson passed away November 16th at home.

Mark & Denise are long time members of our club and great friends to many of us. Denise was always very generous and she loved adventure. A few years ago she did a presentation after a club meeting of her trip to Africa, one of her "favorite adventures". She will be missed.

Please keep Mark and their family in your prayers. Mark said he's doing well and families in town to help him right now. He said we'll see him around the shop. Per Denise's request there will be no services.

Denise zip lining at Brevard Zoo in 2018. →

One of the many fun times we had together.



**Bulletin Editor**

Shannon Byrd

2225 Ladner Rd NE

Palm Bay, FL 32907

Email: shannonb787@gmail.com

The Canaveral Mineral and Gem Society meets the First Wednesday of each month at the Front Street Civic Center, Melbourne, Florida. The time of the Meeting is 7:00PM . Visitors are always welcome.

**CANAVERAL MINERAL & GEM SOCIETY**  
**NEWSLETTER: MOONSTONE**