



## Club Notes



**General Meeting:** Sept. 17, 2013 7:30 PM

If your last name is **J-M** please bring snacks.

**New Members:** Unless otherwise stated, General Meetings are on the third with Tuesday of the month at the church at 7:30pm. You are invited and encouraged to attend! There is a silent auction and door prizes at every meeting.

**Next Board Meeting:** Monday, Sept. 9, 2013, 7:00 p.m. at the shop is the next Board Meeting.

**Show Meeting:** Thurs. August 29, 7 p.m. at the shop upstairs.



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**MGSCV Petrograph –August 2013**  
**Monthly Bulletin of the Mineral & Gem Society of Castro Valley, inc.**

This publication is the bulletin of the Mineral and Gem Society of Castro Valley, Inc., a member of the California Federation of Mineralogical Societies, Inc., the American Federation of Mineralogical Societies and the North Bay Field Trip Association.

### **Bulletin Submission Policy**

Submission deadline is the second Friday following the *General Meeting* (normally the second Wednesday of the month.) Anonymous contributions will not be considered for publication in the Petrograph; however, if requested at the time of submission, the contributor's name can be withheld. Members are encouraged to submit articles that may be of interest to the general membership. The bulletin editor reserves the right to edit any submitted articles or omit any submission from publication. Source must be cited for material quoted from other authors. Permission to reprint Petrograph articles is hereby granted provided properly cited.

### **2013 MGSCV Officers**

#### Elected

President - Bonnie Andrade	<a href="mailto:President@mgscv.org">President@mgscv.org</a>	
Vice President - Mike Mc Bride	<a href="mailto:VP@mgscv.org">VP@mgscv.org</a>	
Secretary - Sheryl Cooper	<a href="mailto:Secretary@mgscv.org">Secretary@mgscv.org</a>	(510) 589-8858
Treasurer - Betty Milam	<a href="mailto:Treasurer@mgscv.org">Treasurer@mgscv.org</a>	
1 <sup>st</sup> Year Director - Michael Cox	<a href="mailto:Director1@mgscv.org">Director1@mgscv.org</a>	
2 <sup>nd</sup> Year Director - Jodi Minshall	<a href="mailto:Director2@mgscv.org">Director2@mgscv.org</a>	
3 <sup>rd</sup> Year Director - Norm Hodgson	<a href="mailto:Director3@mgscv.org">Director3@mgscv.org</a>	
Federation Director - Ron Hasemeyer	<a href="mailto:Federation@mgscv.org">Federation@mgscv.org</a>	
Shop Manager - Beth Farmer	<a href="mailto:ShopManager@mgscv.org">ShopManager@mgscv.org</a>	
2014 Show Chairman - Cathy Miller	<a href="mailto:ShowChair@mgscv.org">ShowChair@mgscv.org</a>	
Membership - Tony Cooper	<a href="mailto:membership@mgscv.org">membership@mgscv.org</a>	510-589-5292
Editor - Diana Cohoon	<a href="mailto:Editor@mgscv.org">Editor@mgscv.org</a>	
Past President - Ron Miller	<a href="mailto:pastpresident@mgscv.org">pastpresident@mgscv.org</a>	

#### Appointed

Scholarship Chair - Mary Howell	
Librarian - Mary Howell	
Historian - Jamie McDonald	
Purchasing Agent - Beth Farmer	
Education Coordinator - Shirley Buschke	
Field Trip Coordinator - Ron Hasemeyer	
Parliamentarian - Doc Buschke	
Reception/Hostess - Ann Vargas/Dan Gilson	
Sunshine Reporter - All members	
Door Prizes - Bonnie Andrade	
Web Master - Tony Cooper	<a href="mailto:webmaster@MGSCV.org">webmaster@MGSCV.org</a>

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Publication Staff



✧Contributors: Shirley Buschke, Jodi Minshall, Betty Milam, Sheryl Cooper, Mary Howell, Mike McBride

## Meeting Minutes

### BOARD MEETING ON VACATION

### GENEAL MEETING ON VACATION



### ROCK RUMBLES August, 2013 By Shirley Buschke

We always have known our members enjoy wonderful privileges with membership--a shop, friendships, access to supplies, field trips, teachers, help, etc. but few of us have compared it with cost of joining a private facility. And you can do that for \$125 a month. There are tech shops in Menlo Park, San Jose and San Francisco with a few others around the country. You must pass a safety test before using the facility. and of course, pay your dues. We do admit there are a few offerings we don't have. They advertise as having laser cutters, tool making, plastic fabrication, 3 d printers, an electronic lab, a welding shop, a wood shop and an industrial sewing machine. Does this compare with our \$35 membership, work at

our show and clean up the shop twice a year and as you use it?

**Teresa Tamaguchi** has another painting on exhibit at the Cevanna Plaza Gallery at 1061 "B" street in Hayward. Free and open Thursday, Friday Saturday and Sunday. We've missed her at the shop. She tells us she had been taking care of her father who recently passed on. But she will be back.

"Dr" **Sub** was sure helping **Ed Rigor** and a couple other members with his massage. The guy is good.

**Norm Hodgson** was responsible for the great exhibit at the Alameda County Fair of the Children's History Museum display. The museum is on Fremont Blvd in Fremont near Washington High School.

It was good to see **Jim Ewing** at the shop. He is slowly recovering from hepatitis from the contaminated fruit. He only had energy to visit. He said he must drink lots of fluids and his taste buds are not working. No point in ordering steak he can't taste. Might as well eat beans.

**Ken Panico** arrived at the shop one Thursday to find the place in disarray. Footprints indicated we had a raccoon on site and he enjoyed the chips and tossing everything he could about. What a mess to clean up. Shop Boss **Beth** rented a trap and the trap caught him.

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**Bill Jones**, our young faceting instructions has left for college in Colorado .

The shop will be open most Wednesday afternoons since **Jamie McDonald** has cut back her volunteer hours at Eden Hospital. She is a wire wrap expert.

We now have circle/bar fasteners in the shop for beaders. They are \$1.00 per set. Also have mold making material. Check out our waxes.

Our favorite bead instructor **Pat Rigor** fell recently and hurt her shoulder and broke a bone. As if that wasn't enough, while in emergency they decided she needed gall bladder surgery. Hope she is better soon.

Check out the neat looking counters at the shop. Thanks to **Mike Cox** who washed and painted them, they look great. Now clean up after yourself and maybe the shop will look spiffy for awhile. He could use some help. Contact **Mike** or **Maggie Naylor**.

Check out **Mark Montgomery**. He is a handsome man now that he has had his beard styled. Guess he's getting ready for his daughter's wedding. **David Gordon** is back on the job. He teaches faceting Wednesday morning. **John Gullak's** daughter **Cheryl** has returned to her home in Canada. That should mean **John** is on his own. So nice to see an increase in members using the shop on Saturdays. Maybe they are thinking "Christmas Presents". **Margie Stokes** came in last week to show off the gorgeous opal her husband Arland had just cut and polished. The gold wire wrap was

done by **Bill Jeans** and it will knock your eyes out. Absolutely beautiful and BIG.

The lost wax class was done Sunday July 28<sup>th</sup>, and the class was small but everyone learned something about how to design a pendant in wax, weigh the wax and the silver and get it ready for casting and mounting with a sprue, putting it in the cylinder, taping it up. The second part of the class will be after the pieces are cast. We will learn how to cut off the button, anneal it with a torch and putting it into the pickle, and finally cleaning and polishing the piece. After all of this is done they will learn to how to shoot hot wax into a mold that can be cast at a later time.

### ANNOUNCEMENTS

I have tickets for a new Genie drawing. They are \$5 each. Interested? I will be selling them at the shop on Saturday... **Beth**

### SHOW SCHEDULES

**Mendicino Coast Gem & Mineral Society**  
Fort Bragg, Ca

Aug. 30<sup>th</sup>-Sept. 2<sup>nd</sup>; Fri. -Sun. 10-6pm; Mon. 10-4pm

Town Hall Main & Laurel

Jerry Sommer 707-937-1833

**Sequoia Gem & Mineral Society**

Redwood City, Ca

Sept. 21, & 22<sup>nd</sup> 10-5pm daily

Community Activities Bldg.

1400 Roosevelt Ave

[www.sgms.driftmine.com](http://www.sgms.driftmine.com)

**Stockton Lapidary & Mineral Club**

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Lodi, Ca

Sept. 28 & 29 10-5pm daily

Lodi Grape Festival Grounds

413 East Lockford St.

Jerold Kyle 209-368-9411

[jeroldkyle@yahoo.com](mailto:jeroldkyle@yahoo.com)

[www.stocktonlapidary.com](http://www.stocktonlapidary.com)

### **Carmel Valley Gem & mineral Society**

Monterey, Ca.

Sept. 28<sup>th</sup> & 29<sup>th</sup>; Sat. 10-6pm; Sun. 10-5pm

Monterey Fairgrounds

2004 Fairgrounds Rd.

Janis Rovetti 831-372-1311

[Janis12@sbcglobe.com](mailto:Janis12@sbcglobe.com)

[www.cvgms.org](http://www.cvgms.org)

### **Santa Rosa Gem & Mineral Society**

Santa Rosa, Ca

Sept. 28<sup>th</sup> & 29<sup>th</sup>; Sat. 10-6pm; Sun. 10-5pm

Wells Fargo Center

50 Mark West Springs Rd.

Jolene Coon 707- 849—9551

[jolene@SRMGS.org](mailto:jolene@SRMGS.org)

[www.srmgs.org](http://www.srmgs.org)

### **El Dorado County Mineral & Gem Society**

Placerville, Ca

Oct. 19-20<sup>th</sup>; 10-5pm daily

El Dorado County Fair Grounds

100 Placerville Drive

Arlene Williams 530-676-2472

[info@rockandgemshow.org](mailto:info@rockandgemshow.org)

[www.rockandgemshow.org](http://www.rockandgemshow.org)

[www.eldoradomineralsandgems.org](http://www.eldoradomineralsandgems.org)

### **Field Trips**

#### **Mother Lode Mineral Society**

Sonora Pass Hwy 108

Aug. 3<sup>rd</sup>.

Geology tour & collect petrified wood

Mary Watson 209-214-3547

[Mistywatsonc21@hotmail.com](mailto:Mistywatsonc21@hotmail.com)

Cell Fri. & Sat. (reception poor)

209-408-3176



### **GEM OF THE MONTH**

**Submitted by Shirley Buschke**

#### **GEM OF MONTH**

This month's gem was born in San Leandro and graduated from Foothill High School. Kudos for her for working her way through college and graduating from Chico State. As a child she loved rocks and in college she liked to sit by the river and collect rocks just because she liked them . One day she went to a gem show, saw a genie being demonstrated, petrified rocks for sale and she was hooked. But she knew she could not afford a genie. A demonstrator at a Concord show suggested that she check out the Castro Valley Club

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since she lived nearby. So this sounded great and she joined.

She found out there were many rocks at the shop and the first cab had to be made of agate, which soon became her favorite. But she still loves petrified wood. It seemed the first cab took forever. Today she loves free form.

Our gem is a history teacher, world history, in San Ramon. She has been busy working on her condo, furniture etc. But she made it to the show to do her share and is now back at the shop. She is constantly looking for new uses for the rocks she has collected and will explore book ends, clocks, jewelry, etc. She, like many teachers is frustrated with the current education picture, too many demands and too many restrictions and too little money to do the right thing. But she will hang in there because she loves the kids and feels she can contribute to their lives. Along the way she will work with her rocks to alleviate the frustrations. And who is our gem? Kelly McCoy.

### BRAD SMITH BENCH TIPS



### FOREDOM MAINTENANCE

If you have a Foredom flexshaft, it makes sense to check it over every so often

to be sure it's running properly. But how to do that? You've probably lost the little booklet that came with the unit. Well, being the good company it is, Foredom has put together an extensive set of videos on how to do it.

The series covers set-up, lubrication, replacing a sheath, motor maintenance, and handpiece maintenance. Few if any special tools are needed. You can watch the videos at [www.foredom.net/videolibrary.aspx](http://www.foredom.net/videolibrary.aspx) and repair parts are available from most jewelry supply catalogs.

### JUST A DROP

Hobby shops and model airplane stores carry small plastic dispenser bottles that are handy bench items for putting a drop of oil or glue just where you want it.

The small metal tubing lets you squeeze out very small drops and reach into tight places. I use the small one on the left for oil when I'm sawing or drilling harder metals like steel. And I use the bottle on the right from a plastics store for the fast drying glues used to join pieces of acrylic.

Attribution requested with each publication:

More Bench Tips by Brad Smith are at [facebook.com/BenchTips/](https://www.facebook.com/BenchTips/)

or see the book "Bench Tips for Jewelry Making" on Amazon

### KIDS KORNER

By: Elizabeth Bennette, 14 yrs old

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Since 1848, when James Marshall found gold in the America River and started what would eventually be known as the Gold Rush of 1849, California has historically been known as a gold mining state. But, in the past few decades, there really hasn't been much gold mining done in the Golden State. The main reason for this is because of the low prices paid for gold during the 1980-90's. During that time, the price of gold did not exceed \$500/oz at any point, making the gold business unattractive. However, gold prices have begun moving upwards, reaching almost \$1,800 an ounce. These dramatic gains in the value of gold have created a second gold rush in California.

Sutter Mining company, one of the new generation of gold mining companies, recently reopened a gold mine in Amador Valley's "mother lode" where 7.5 million ounces of gold were once mined in the 3.6 mile area. The company will begin mining in the heart of the mother lode using new technology such as explosives equipped with electronic detonators. These explosives are safer and more effective than traditional mining methods allowing the company to process 30% more gold. Sutter expects their new operation to bring in 650,000 oz of gold worth more than \$1 billion.

While companies like Sutter are introducing new tools to mine larger amounts of gold, they still have to deal with the legacy of prior generations of gold miners. For decades, prospectors have used toxic chemicals such as mercury and cyanide to break down the rock covering the gold in their mines. After the miners took out the last nuggets from their claims, they left behind an environmental hazard. Modern gold mining companies who have bought the rights to these old mines are now forced by the government to cleanup the toxic mess left by the previous owners before they can begin extracting gold. These companies have had success with cleaning

the mines by turning the solidified toxic waste into tile and filtering the water found in the old mines and returning it to local creeks or lakes. Though this new generation of prospectors faces some obstacles, new technology is allowing them to go forward in an environmentally positive and profitable way.

### SAFETY RULES FOR POLISHING

1. Tie back loose clothing and hair.
2. Wear protective goggles
3. Do not wear gloves. They can get caught in the machinery.
4. Do not surprise or interrupt a person using polishing machinery.
5. Check to see if all guards are in place before you start.
6. If an article gets caught in the buff, turn off the machine IMMEDIATELY. Stand back and wait for the machine to stop before you attempt to retrieve your piece.
7. Never stop the machine by hand

If anyone has any article for the kid's corner or anything else please send them to [editor@mgscv.org](mailto:editor@mgscv.org), or my personal email [dianasdesign@msn.com](mailto:dianasdesign@msn.com). Thank you. Diana Cohoon, Editor



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**Shop Schedule**

**(All shop session's members only)**

**MAP**

- Monday** 10AM to 1PM, Lapidary  
6PM to 9PM, Beginners only in lapidary
- Tuesday** 9:30AM to 12:30PM, need daytime supervisor  
6PM to 9:00 PM, Lapidary,
- Wednesday** 9AM to 12:00PM, Lapidary  
Library open 10AM to noon.  
5:30 - 8:00 PM Lapidary
- Thursday** 10:00AM to 1:00 PM, Lapidary  
7PM to 9 PM, Lapidary
- Friday** 9-1 PM Lapidary, Faceting (experienced only)
- Saturday** 9AM to 3PM, Faceting Class 9-12, Juniors,  
w/supervisor's approval, lapidary  
Library open 10AM to noon.
- Sunday** 9:30AM to 12:30PM, Lapidary



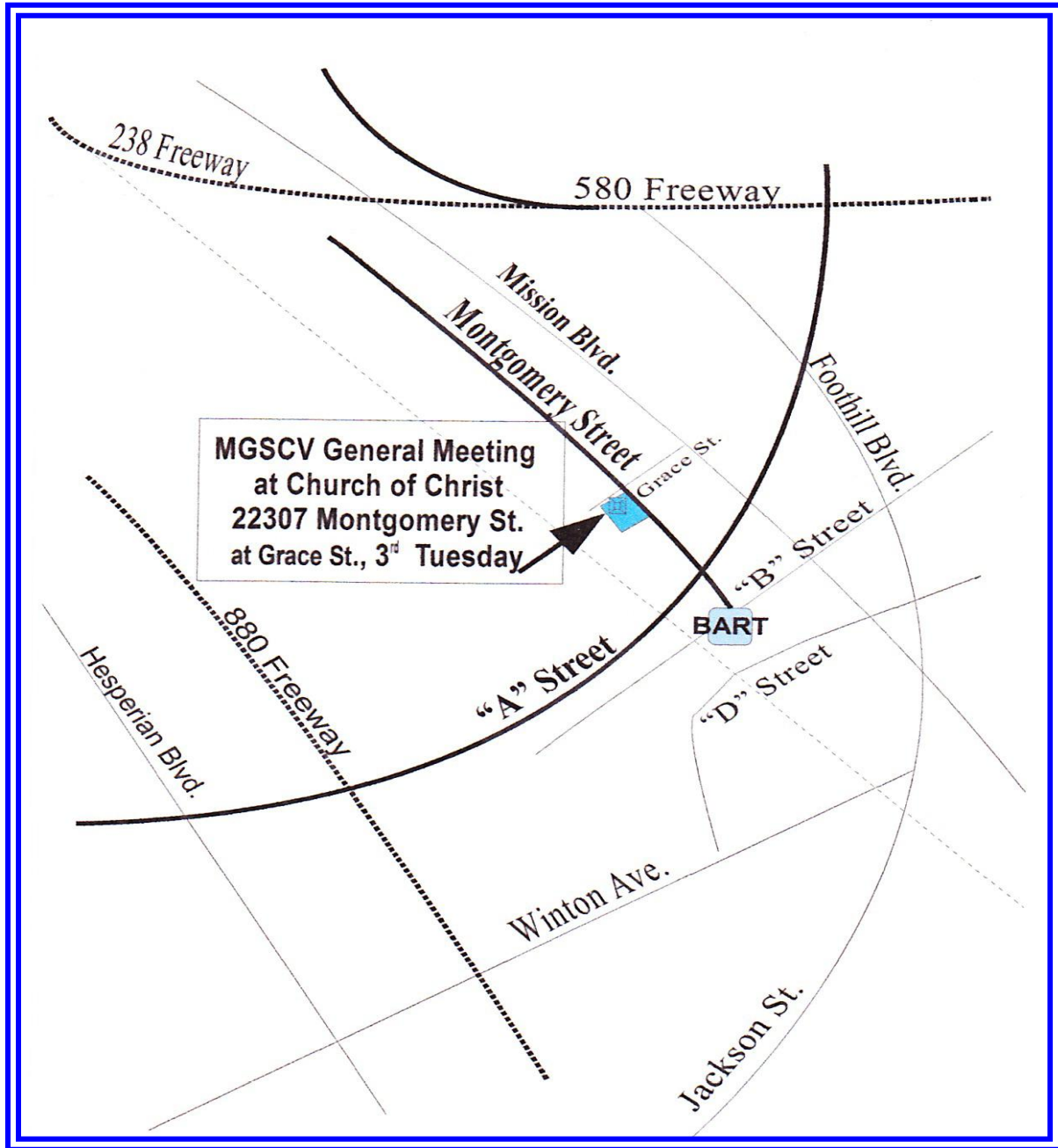
**SHOP NOTICES:**

The shop needs painting volunteers! See article under announcement by Maggie Naylor. Part of the privilege of using the shop, is to keep it clean and painted and need some new members to get involved!!!!

Website: [www.mgscv.org](http://www.mgscv.org)  
Email us at [info@mgs](mailto:info@mgs)

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**From I 580: Take the A Street exit and go west, turn right on Montgomery Street and go to 22307 Montgomery Street.**

**From I 880: Take the A Street exit and go East. Turn left on Montgomery Street and go to 22307 Montgomery.**

**From Jackson Street: Go north on Mission Boulevard, turn left onto A Street, then right on Montgomery Street and go to 22307 Montgomery Street.**

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## Monthly Bulletin of the Mineral & Gem Society of Castro Valley, inc. Mineral & Gem Society of Castro Valley (MGSCV) Membership Application and Information



Membership is good for one calendar year from January 1st through December 31st. Please fill out and sign the application. Mail the completed form, a check for the dues **payable to MGSCV**, and a self-addressed, stamped envelope to - **MGSCV, Attn: Membership Chair, P.O. Box 2145, Castro Valley, CA 94546.**

Your membership is active upon receipt of your check and application. It will be processed and membership cards will be mailed to you within 4 weeks. Your email will be added to the list for the Petrograph, our newsletter. Your name will be added to the roster in the lobby at the workshop and in the drawing at the general meetings for cash prizes, if present.

We are a non-profit club whose sole purpose is the education of lapidary arts and geological sciences for all who are interested. **No products produced in the shop can be sold for profit.** All members should have or be familiar with the MGSCV Handbook. A copy is available for review in the club's lobby or one can be emailed to you by sending a request to [info@mgscv.org](mailto:info@mgscv.org).

Before any member may operate any equipment or take any class they must have completed an orientation and their first cabochon. **To schedule an orientation send an email to [WorkShopManager@mgscv.org](mailto:WorkShopManager@mgscv.org) with your name, phone number, and a good time to call you.** During the orientation you will learn about the club and get a tour of the workshop. Monday evenings are reserved for beginners only.

Membership dues cover less than 10% of our annual operating costs. It is our annual show that funds the club, workshop and all activities. **A requirement of membership is that every member must work at the show for a minimum of 4 hours.** The show is always held the first full weekend of March, so mark your calendars. The show is fun to work and is the reason we have the best workshop/club in Northern California. Shop services such as rock sawing, casting, special classes (faceting, wire wrap, metal work, etc...) will not be available to members who do not work at the show.

Membership Chairperson

Type of Membership(s): (check all that apply)       new membership       renewal membership  
 Single - \$35     Couple - \$60     Junior (11-17 with adult) - \$1     Junior (11-17 without adult) - \$5  
 Associate - \$17.50 (former member living more than 100 miles away)     Lifetime (voted in by the board)

After July 1st all new membership dues are half (½)

Name(s) (Please print all the names.)

Adults: \_\_\_\_\_

Juniors: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ Phone Number: \_\_\_\_\_

E-mail Address: \_\_\_\_\_

(Our monthly newsletter, the Petrograph, will be emailed to this address.)

Occupational Skills: \_\_\_\_\_

(Sometimes we are in need of advice and/or help in regards to electrical, plumbing, mechanical, clerical or other skills.)

Confidentiality: (check all that apply)

I do not want my address printed in the roster at the shop.

I do not want my phone number printed in the roster at the shop.

I do not want my email address printed in the roster at the shop. I agree with the By-laws and rules of the Mineral & Gem Society of Castro Valley (MGSCV).

Members Signatures: \_\_\_\_\_

## APPLICATION FOR OUR CLUB BADGE PURCHASE

The badges will be Blue background with gold lettering. They are 2x3". Please include your name (as it will appear on the badge), address, contact numbers and enclose a check in the amount of \$8.64 Make the checks payable to Rocky Five, and mail it to Rocky Five 5705 Begonia Dr. San Jose, Ca 95124-6535 email: [rockyfiv@aol.com](mailto:rockyfiv@aol.com) We encourage all members to wear their badges at our show, and when you visit other shows, to show our support of their club.

Name \_\_\_\_\_

Address \_\_\_\_\_

Phone Number \_\_\_\_\_

Email \_\_\_\_\_

Amount Enclosed \_\_\_\_\_

Number of Badges \_\_\_\_\_

Signature \_\_\_\_\_