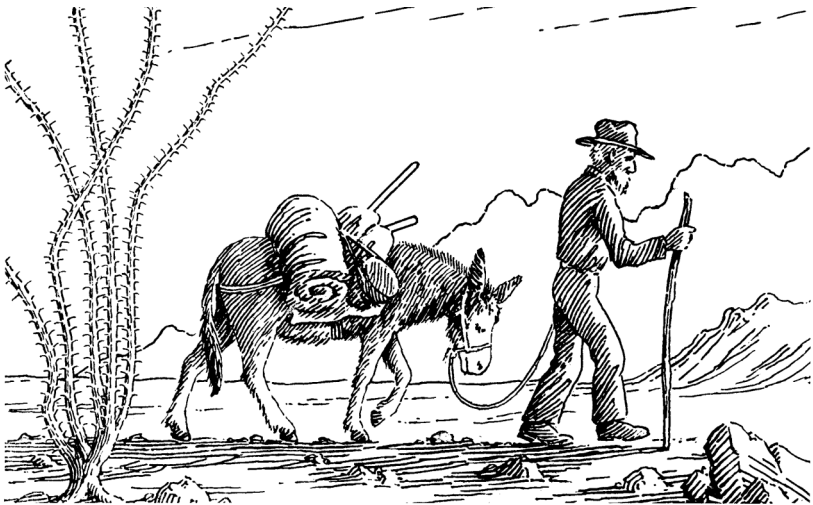


WHITTIER



ROCKHOUNDER
GEM & MINERAL
SOCIETY

PROGRAM FOR NOVEMBER :
***“A TOURIST’S GUIDE TO FINDING
OPAL IN AUSTRALIA”***



NOVEMBER 1998

ROCKHOUNDER

PRESIDENT'S MESSAGE

The *Forty-Ninth Annual Whittier Gem and Mineral Society Show* is now history. The Show, under the able direction of **Marcia Grady**, was a huge success. Financially, we showed about a ten percent increase over last year's proceeds. A view of the show was fun, the meteorite was great, and winning the specimen boxes from the "treasure hunt" was, well... you I suspect that by now each of the specimens have found a new home under a different name and grandpa is going to have to help get them back in order. I sure hope grandpa is up to it!!

At this point I suppose that it is traditional to list all of the people who contributed to the setup, teardown, and operation of the show. Fortunately we have a membership composed of selfless individuals who step up, take charge, and make things happen. Such a list would look an awful lot like our membership roster, and even then I would most certainly have to make additions due to inadvertent omissions. Instead, I would like to extend my most heartfelt thanks to all of you who contributed to the show, from the show committee, who attended the show meetings and helped formulate the details of the production, to all of the individual members who sold donation award tickets, and brought pies and soft drinks for the kitchen.

The October meeting was held under somewhat awkward conditions. The regular meeting room was spirited away by a group of ghosts, goblins, and ghouls who were setting about a haunting for their own sort of show on the eve of All Hallows. We unfortunate mortals were compressed into a shoebox-sized classroom, half of which was Furthermore, I had a sore throat and **Michelle Sebresos** had to pinch hit for me during the business meeting. Thanks Michelle! **Isabella Burns** announced the results of the nominating committee meeting. We will be voting for next year's officers at listed elsewhere in this month's Rock

With luck, all of the creatures of the nether world will have been properly exorcised and the meeting room will be returned to normal service where we will be able to enjoy a comfortable November meeting. I look forward to seeing all of you there.

Jerry Turner

November 19, 1998 Program
"A Tourist's Guide to Finding Opal in Australia"

Leslie Neff and Larry Hoskinson will be our program guests at the November meeting. Their entertaining program includes a general introduction on **Cooper Pedy**; a 100 slide presentation covering various opal -mining techniques, informative travel information on how to get to and around Cooper Pedy, and finishes with slides of rough and finished opal. There are also samples of rough and finished opal, books, maps. The program is finished off with a question and answer session.

Larry and Leslie have spent over 2 years in Australia, and in that time have developed a good working knowledge of amateur opal hunting.

Micelle Sebresos

October Meeting Notes

The October meeting turned out to be more interesting than usual. The park people "forgot" that we use had started building a Haunted House in our meeting hall! We met, instead, in a much "cozier" classroom near by floor arrangement of audience, board officers and speaker was unusual. The audience faced the the table where the guest speakers had arranged their petrified wood and displays. The WGMS officers were seated behind and spoke to the backs of the audience. In spite of the difficulties, the meeting was carried off and the speakers were entertaining and interesting.

The guest speakers, Helga and Werner Wagner, were allowed to lead off and spoke at length about petrified wood, the different cellular structures of various species of trees, and basic identification techniques. They brought along many pieces from their personal collection, a stereo microscope to examine cell structure, and several books on petrified wood identification. An interesting time was had by all.

The business portion went quickly. Vern Cliffe provided a show report, Marcia handed out Thank-you cards to the Show participants, and Isabel Burns presented the nominees for next years WGMS officers (see report elsewhere in bulletin).

The meeting was attended by 23 members, 3 guests and the 2 guest speakers.

JValle

November Door Prizes

MAIN PRIZE: Large Tape Measure - Marcia Grady

ADDITIONAL PRIZES:

- Lapidary Glue **Jerry Turner**
- Pocket Magnifier **Jack Zywocki**
- Combination Lock **Jerry Turner**
- Decorative box **Izzie Burns**
- Flashlight **Les Roy**
- Pie **Kathy Turner, given to Mike Maneth**
- Pie **Marcia Grady**
- Pie **Kathy Turner, given to Angie Harwood**

Thank you to all who participated in the Door Prize Derby!

Vern Cliffe

Nominating Committee Report

All members were present. Recommendations were made and each member was assigned the task of calling various nominees. Later by phone and in person the following slate of officers were chosen and consented to be nominated for the following offices respectively:

- President **Isabella Burns**
- First Vice President **Jack Zywocki**
- Second Vice President **Michelle Sebresos**
- Secretary **Marcia Grady**
- Treasurer **Sylvia Cliffe**
- Directors **Jim Akin**
- **Les Roy**
- **Jerry Turner**

Director to the CFMS, **Bill Burns** continues to serve a three-year term.

- Nominating Committee: **Angie Harwood**
- **Bill Burns**
- **Michelle Sebresos**
- **Jay Valle**
- **Isabella Burns, Chairman**



CFMS News

November 1998:

The big buzz around the CFMS is when, why, and how do they go on the Web. Well that is not as simple as some of the Internet buffs might think. The executive board has to be sure that this will be correctly handled, should they go professional, is it cost effective, and many more concerns to serve the entire California Federation of Mineralogical Societies. I am sure many of the decisions will be made by the time you read this, as the Federation Meeting is November 14. Next year they will be requesting an e-mail address from each society, and that does not necessarily mean the president

A final Word About the WGMS Show

The show was a terrific success. Your show committees worked together to bring the Whittier community a great event. There were several outstanding features that set this show apart. First, we had the "**Old Woman**" meteorite replica there, with **Darrell Futrell** to talk to about the meteorite, his pictures, and some of his meteorites and tektites to look at. We had fantastic prizes in the drawing -- we have very creative people in this club -- everything was beautiful. The endoscope on Sunday was a big hit. The signs **Jerry** made were great and easy to read. The display in the foyer was very informative and people had a good time looking at it. Our committee took a chance and made some changes, and from what I saw and heard from people, the changes were a success. Then, of course, the committee chairmen worked hard and made the show run smoothly, and the club members helped out where they could. I want to thank everyone for making the show a hit.

Marcia Grady

BLM - DESERT NEWS

By **Isabella Burns**, member of the **Desert Advisory Council**

The **Northern and Eastern Colorado Desert Plan (NECO)**, a part of the **Regional Habitat Conservation Plan** is still being studied and revised. The public hearings for comments on the plan were held this summer. Three BLM personnel were available at the CFMS Show and Convention in Ventura in 1997 to provide information about this plan and to seek rockhounds input. **Dick Crowe**, the project leader spoke at the Ventura Convention and at the CFMS - South meeting in April 1998. He showed the maps and discussed the plan, answered questions, and sought input from those in attendance. At the CFMS Show meeting this year, **Jim Strain** and I reported the progress of this plan and received the backing of the CFMS Board of Directors to try to establish a Rockhound Park in the Houser Geode Area. **Ed Hasty**, the BLM California State Director, encouraged us to pursue our plan. We felt that this historical collecting area was worthy of being set aside, not to prevent collecting, but to assure its preservation for rockhound use.

There are two more plans that are a part of the **Federal and California Endangered Species Acts** that are being presented - the **Northern and Eastern Mojave Plan (NEMO)** and the **Western Mojave Plan**. It seems that most rock collectors feel using logic and reason are better than ranting and raving. More rockhounds need to take an interest in the information about these plans that is presented at the Public Hearings and/or read the plans. **Jim Strain, Sue Hickman** and I, as well as many others, have volunteered much time and given much thought to these. As the new plans are made available, please read them thoroughly and if you do have questions or concerns make them known. Please do not base your reactions on "half of the story."

The rules that govern the use of the desert are made In Washington, DC and the State Offices of California. The leaders do not always feel the same as we do about educational and recreational use of the desert.

Be sure to vote in November!

I was sorry to hear that some false information about the NECO Plan is being sent to Southern California Clubs.

Isabella Burns

THE NIGHT BALLET OF LIGHTS
(or the Annual Field Trip to the WGMS Honey Onyx Claim)

It was NOT a dark and stormy night, it was broad daylight! The weather on the drive was just about right. **Marcia and I** got out to the club claim about 3 p.m. on Friday, October 23, and there sat **TONY FENDER**, next to his motorhome. The tent trailer went up quickly. Shortly thereafter, **Sandie Fender** arrived. Then **Ed & Corinne Imlay** arrived with their new shepherd/boxer mixed dog named **Amber**. Arriving later in the dark were **Jay Valle & kids, Erin & Jason**. Then **Dotty Jacobs** arrived, with **Michelle Sebresos** and **Angie Harwood** not far behind, timewise. However, when **Angie and Michelle** got to the junction, they followed an arrow that was painted on a piece of concrete and went the wrong way. We watched the headlights light up the surrounding hills, watched the taillights dance, and then they went around the bend. About this time, I decided I should go retrieve them lest they wind up on the Marine base. On my way out I thought that perhaps they belonged to the group known only as LP (this could stand for lost people or maybe lone prospectors -- the letters LP were written on some of the rocks with those confusing arrows). Fortunately, I found them, and the first words out of **Michelle's** mouth besides "**Hi**" were "**Are we in the red agate area?**" With them safely in camp we sat around the campfire laughing about what just happened.

Saturday morning found the camp slowing waking up, and as we got closer to the appointed time of departure, people started coming in caravans. **Bob & Dorothy Brower, Vern & Sylvia Cliffe, Walter Dowler (THE GUEST), Jim Staub, Mark, Linda & Heather Abram, & Mantar Klinnisku** (a friend of **Lisa Tribodeaux**) arrived. No one was up to hard-rock mining at the claim so we went over to the **red agate** area. **Bill & Izzy Burns** and **Rick Porch** arrived while we were there. After about an hour there, I wished I had worn eye protection because I ended up with sand in my eye when I struck a rock to chip it (my eye is fine, thanks). We headed back to camp to pack lunch and to head over to **Mule Canyon**. Just before we left **Lisa Tribodeaux & her three youngest boys** arrived. **Michell and Angie** decided to stay around the **red agate** area. We decided to irritate **Bob Brower** and bypass the **pastel jasper**. We went over to the **algae agate area** and **Jay** said that he and **Jason Badgley** had hiked all over the place and found nothing. **Bob Brower**, being **Bob**, said he knew exactly where it was and he'll show us...he did! Everyone got all they wanted, some of it black algae in white, some of it blue. From there we went through **Tin Can Alley** and went to an area where we had found some seam **sagenite agate** in the past. None was found, but we did find thin gorgeous **blue and lavender agate**. From there, **Vern** took us to an area that was fairly easy to get into

that has **palm rootlets**. I believe everyone got some. On our way back to camp, **Walter's** minivan couldn't make it up the hill - that same hill that had been easy to get down. Try as he might, his tires spun throwing up a cloud of dust, and when the dust cleared he was still in the same spot. **Marcia & I** had gotten around him and up the hill. It turns out **Mark** couldn't tow **Walter** up the hill, so **Marcia** backed down the hill, a tow strap was attached, then the word was given and **Marcia** was off, dragging the van behind her. After **Marcia** got to the top she was very proud of *Miss Dust Bunny* (the truck) because she had made it effortlessly. We got back to camp only 15 minutes after 4:00 p.m. and we had said we'd be back by 4:00 -- not bad. We found new arrivals in the form of **Sue Hickman & stepdaughter**.

It was amazing! **Tony** had pulled his RV in so close to the blender without actually hitting it. **Linda** was making mudslides (no not mudpies) and they were very good. There was plenty of food to go around (of course) and everyone ate their fill.

After dinner, the campfire was started and soon everyone was congregated around and we all enjoyed talking of the day's adventures and watching the stars that we don't have in the city. After a while, **Mantar** decided he had to leave and we watched as his taillights went the wrong way -- the same wrong way that **Michelle's** lights had gone the night before. Once again, I went out to try to rustle up "the lost", and direct him in the right direction, but I couldn't find the road to get away from camp -- a fine predicament -- but at last I was successful and headed out and got him headed in the right direction.

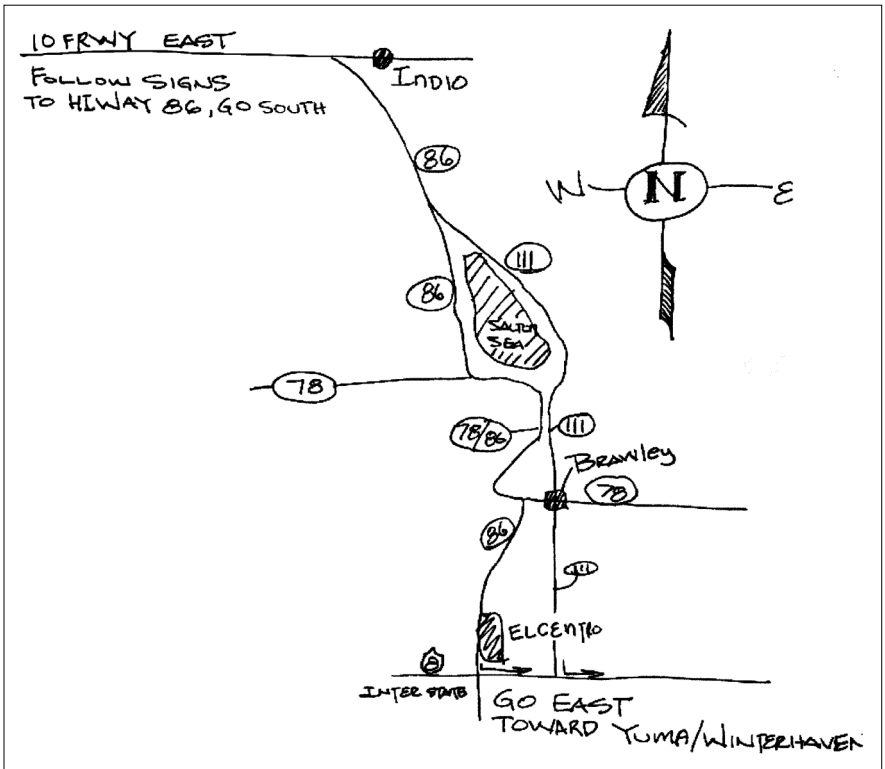
Meanwhile back at the campfire, **Jim** had decided he should be getting along, and he headed out. While I was talking to **Mantar**, **Jim** rolled up and thanked me for a great trip. Imagine the look of surprise on my face as **Jim** headed in the direction I had just come from...another lost soul...time to hop into *Miss Dust Bunny* and hi-ho Silver, I was off to round up another one. **Jim** has a lead foot and was attempting to go up **Elephant Mountain**. Not succeeding, in that it appeared to me that he was driving around in circles. (Note: From the campfire point of view this was all very funny because it looked as if there were three cars driving in circles, and backing up and going over hill and dale -- it looked like a **ballet of lights**.) From there, I got up on a little knoll and flashed my high beams at him, and began to lead him out. All the while **Elmo Thibodeaux** was arriving, adding to the *dance of lights* confusion. I didn't want to take any chances, so I led Jim all the way out to the main road. As I was heading back, I noticed a third set of headlights now heading back toward me. So as not to have to round up someone else, I parked *Miss Dust Bunny* so that the headlights shown on the road that they

had to take out and not get lost (**Mark & Linda & Heather**). When I arrived back in camp I actually got a round of applause - not so much for getting these people out but providing a ballet light show (and laughter).

We went to bed about 8 p.m., daylight savings time, all the excitement and the wind having worn us out. Actually if you think about it, it was 7 p.m., standard time. Sunday morning, we were informed that it had rained twice during the night, but only for about a minute each time, much to the relief of **Michelle** who was sleeping in the open bed of her pickup.

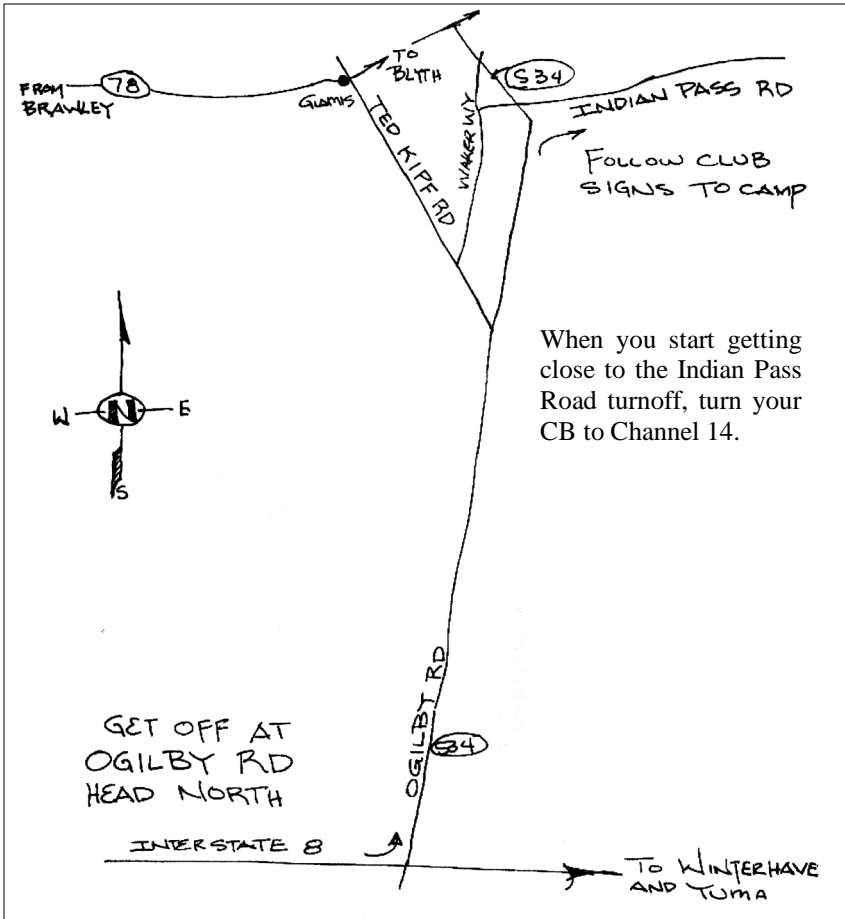
At 8 a.m., we left to go to **Jason's Place** off of Mineola Road. **Rick** was excited. He found what appeared to be wonderstone. Everyone got something. After about two hours people started heading back to camp to prepare to go home as rain was predicted for the afternoon in the Cajon Pass.

All in all, the trip was a terrific one. Terrific for all the newcomers who went home loaded down with rock, and old-timers, too, as we found a new place to collect.



The November trip will be down by Gold Rock Ranch at Indian Pass Road (typical dry camping). Gold Rock is nearby for those who wish to have a few niceties (toilet, shower and laundry).

Joe Goetz



Directions: Take Hwy 10 East to Hwy 86 South. Stay on Hwy 86, past the Salton Sea, to El Centro. Go east on I-8 toward Yuma. Take the Ogilby Road (S 34) offramp North to the Indian Pass Road turnoff. Go East and follow signs to camp.

FLOODS NOT NEEDED

If Noah had built his ark today and the Lord spoke to Noah, He would say:

“Aloha Noah, Dude, In six months I am going to make it rain until the whole world is covered with water and all the evil things are destroyed. But, I want to save a few good people and two of every living thing on the planet. I am ordering you to build an ark.” And specifications for the ark.

“OK” Noah said, trembling with fear your man.”

“Six months and it starts to rain” ark completed or learn to swim for a long, long time !”

Six months passed, the sky began to cloud up, and the rain began to fall in torrents. The Lord Looked down and saw Noah sitting in his yard, weeping, and there was no ark.

“Noah!” , shouted the Lord, “Where is the ground right beside Noah.

“Lord, please forgive me!” , begged some big problems. First, I had a construction project, but your plans did not meet their code. So, I had to hire an engineer to redo the plans, only to get into a long argument with him about whether to include a fire-sprinkler system.

“My neighbors objected, claiming that I was violating zoning by building the ark in my front yard, so I had to get a variance from the city planning board.

“Then, I had a big problem getting enough wood for the ark, because there was a ban on cutting trees to save the spotted owl. I tried to convince the environmentalists and the U.S. fish and wildlife Service that I needed the wood to save the owls ,thern, so no Owls. e y wo u

"Next, I started gathering up the animals but got sued by an animal rights group that objected to me taking along only two of each kind.

" J u s t w h e n I g o t t h e s u i t d i s m i s s e d , I c o m p l e t e t h e a r k w i t h o u t f i l i n g a n e n v i r o n m e n t a l i m p a c t s t a t e m e n t o n Y o u r p r o p o s e d f l o o d . T h e y d i d n ' t t a k e k e n n e d j u r i s d i c t i o n o v e r t h e c o n d u c t o f a S u p r e m e B e i n g .

"Then, the Corps of Engineers wanted a map of the proposed flood plan. I sent them a globe!

" R i g h t n o w , I ' m s t i l l t r y i n g t o r e s o l v e t h e O p p o r t u n i t i e s C o m m i s s i o n o v e r h o w m a n y a r k s t o b u i l d .

"The IRS has seized all my assets claiming that I am trying to leave the country, and I just got a notice from the state that I owe some kind of use tax. R e a l l y , I d o n ' t t h i n k I c a n f i n i s h t h a t .

With that, the sky cleared, the sun began to shine, and a rainbow arched across the sky. Noah looked up and smiled. You mean you are not going to d e s t r o y t h e w o r l d ? " h e a s k e d h o p e f u l l y .

No" , s a i d t h e L o r d , " t h e g o v e r n m e n t i s n o t g o i n g t o d e s t r o y t h e w o r l d .

Questions on Life

- * W h y phonetic spelled the way it sound?
- * If nothing ever sticks to Teflon, how do they get Teflon to stick to the pan?
- * Why do they put Braille dots on the keypad of a drive-up ATM?
- * Why are there Interstates in Hawaii?
- * W h y i s i t t h a t w h e n y o u t r a n s p o r t s o m e t h i n g b u t w h e n y o u t r a n s p o r t s o m e t h i n g b y a i r t h e y d o n ' t c h e c k t h e w e i g h t ?

via Rocky Review 9/98 and Delvings Bulletin 10/98

November's Birthstone is Topaz

Topaz gets its name from the island Topazios in the Red Sea (now called Zabargad). Topazios is a Greek word meaning "to guess". This suited the island well as it was often obscured by fog, making it difficult for early navigators to find. The stones found there were most likely peridot, which was also called topaz until the late sixteenth century.

In fact, for many years all yellow stones were called topaz. The name shows up in many historical references, including the Bible. Citrine quartz was (and often still is) called by the misnomer "topaz quartz" or just plain "topaz".

The ancient Greeks believed topaz bestowed strength to its wearer. It was worn as an amulet to ward off enchantment, dispel sadness and strengthen intellect. Topaz was also believed to assure beauty, fidelity and long life.

Today, topaz (along with citrine) serves as the birthstone for those born in November. Topaz is also a traditional wedding anniversary gift, blue topaz designated for the fourth year and imperial for the twenty-third.

In the US, topaz is found in Riverside County and the Pala region of California. Other US sources include Colorado, Maine, New Hampshire and Utah.

Topaz occurs naturally in many colors; yellow, orange, brown, red, pink, light blue, pale green and colorless. Some of the yellow, orange brown stones are heated to produce pink or red. This enhancement is used frequently and is stable as well as undetectable. Colorless, brown and brownish-green topaz is irradiated, then heated to produce several shades of blue. This two step process is very common and is stable. The blue shades are very popular and are used extensively in jewelry today. Sky (a light to medium blue), Swiss (a highly saturated medium blue) and London (a deeper intense blue) are the three most commonly used trade names.

There are many outstanding topazes in public collections. The American Museum of Natural History has the "Brazilian Princess", a blue stone weighing 21,000 carats. The Smithsonian Institute has two notable stones, a 7,725 carat yellow and a 3,273 carat blue, both of Brazilian origin.

g z g t r v g f " h t q o " õ <http://www.gemstonesofaz.com> " \ ö

JADE COVE RULES

The new regulations can be found on the Internet at:

http://www.access.gpo.gov/su_docs/aces/aaces002.html

Go to the middle of the web page and enter **jade** in the **Search** label. When the search returns, select the item labeled **fr3Omr98R Jade Collection in the Monterey Bay National Marine U c p e v c t { ö**

The rules are -- Only jade minerals can be collected from the coastal beach access stairway at South Sand Dollar Beach (35 degrees 53 ' 20 ' N the tip of west most point of Cape San Martin (35 degrees 53 ' 20 ' N and from the Mean High Tide Line seaward to the 90 foot isobath.

1. Only jade already loose from the seabed may be collected.
2. Tools acceptable to use are:
 - Hand tools (a hand held implement that is not greater than 5 8in length and has no moving parts).
 - A lift bag with no more than 200 pounds capacity.
3. Each person may collect only what that person can individually carry.
4. Special permits are needed for any other collecting.

Governor Wilson approved the amendment to allow collecting of jade.

Submitted by Isabella Burns to the CFMS Nov. 98 bulletin

**15 B I D 8 5 H 9 C B A C B H 5 B 5 G 5 D D <
CORRECTION TO A SEPTEMBER ARTICLE**

(This is a letter received by Vern Cliffe from Michael Duffy of the American Gem Corp. regarding an article which we printed recently. The original article appeared in the September issues of the Y j k v v k g t " I g o " (" O k p Rockhounder and the R c u c f g p c " N c r k u l l e t i n t w f i t t e U b y V e r n & v { o i S y l v i a C l i f f e).

6th October, 1998
A m e r i c a n G e m C o r p o r a t i o n
Post Office Box 709
Philipsburg, MT 59858
Tel: 406-859-5055
Fax: 406-859-5056

Mr. Vern Cliffe,

My name is **Michael Duffy**, I am the Vice President of Mining, for **American Gem Corporation (AGC)** at Philipsburg, Montana. I tried to fax this to you on the 18th of September, but had difficulties. I was away for one week for a board meeting in Toronto, so I am supplying you with the information discussed sometime ago. I am sorry for the delay. With respect to the article printed in the "Rockhounder", September 1998, which need to be modified.

30 "Cogtkecp" Igo "Eqtrqt cvkqp" vqqm "Sapphire Mine" in 1994 with the The fee dig operation run by Gem Mountain personal had closed their public fee dig operation (mine your own sapphires) in the late eighties. The gravel and bucket operation closed down a few weeks after the Labor weekend 1993. (Pers. Comm. Mr. Buzz Hess, former employee for Gem Mountain Sapphire Mine). AGC closing down a number of popular tourist dig areas is also false. These digs that rock hound clubs and the general public dug at, were owned by private individuals who sold their property rights to AGC. Being a public company, AGC at the time had an obligation to serve its shareholders interests first, regarding land use rights.

2. American Gem Company sold a number of unused pieces of mining equipment in 1997. Being a qualified mining engineer and geologist by profession, I managed the rebuilding and designed a new processing plant in 1997. Due to improve efficiencies, I did not require the same heavy equipment used in the 1996 operation, which was sold off in 1997. The company was not closing its mining operations, just restructuring.

3. AGC never tried to corner the sapphire market, this is just a false statement from people who do not wish to see the company succeed. Their are a number of small mining companies currently recovering sapphire in SW Montana, IE Gem River at Deerlodge, who mine and market a completely different sapphire than

ours at Gem Mountain.

Developments with AGC 1997/1998

Since August 1997, AGC has gone through a restructuring period, with a new board replacing the existing board. (of), AGC has cut its assets and labor force by up to 70%. AGC will continue to mine commercial grade sapphire at its Gem Mountain mine, heat treat, cut and sell calibrated sapphires to manufacturers, distributors in the United States. AGC will still retain a local trade with hobbyist, jewelers, cutters, etc.

AGC has recently entered into an agreement with New York, to allow them to "exclusively" sell sapphires in the United States. All our heat treated sapphire will be cut in India and sold out of New York (refer to press release, Sept. 8th and 10th, 1998-TSE, symbol GEM).

The company decided to open a new public, under the name of "Jewel of the Rockies" Corporation, a subsidiary of AGC. Unlike previous fee dig operations, environmental laws, State permits etc. have changed dramatically in a short few years. It has taken a year of acquiring the appropriate permits etc. to open a new business that protects the company from any liability and risk, when involving the general public.

The fee dig operation consists of a come and dig on the mining property adjacent to our current mining operations. The company also sells buckets (jig pay gravel), gravel bags and allows yard and half yard sales of jig pay gravel. The jig pay gravel is a minus ¾ inch + 1.6mm product, that has been washed through the wash plant. Essentially you are buying a concentrated gravel product.

The company will continue to operate to run its commercial operation at Gem Mountain. By being vertically integrated, the company can offer to the public, rough sapphire, loose stones (all sizes), finished jewelry (made to order), plus heat treating services from world renown experts, all at an affordable price.

Additional corrections to the "October 1998" issue of the "Jewel of the Rockies Mine". The correct business name is "Jewel of the Rockies Mine".

Sincerely,

Michael Duffy
VP Mining

Web Sites of Interest to You

Organization **Web Address**

- Agriculture<http://www.usda-gov/>
- Interior.....<http://info.er.usgs.gov/doi/doi.html>
- Government Printing Office.....http://www.access.gpo.gov/su_docs

- Prints the Federal Register. Go to icon *Federal Register*.
Look for agency, ie, USFS, Land Management, etc.

- Forest Service.....<http://www.fs.fed.us>
- Izaak Walton.....<http://www.igc.apc.org/iwla/>
- Legislative Bills<http://thomas.loc.gov>

- You have to know the bill # to search for it.

- National Audubon Society<http://www.audubon.org/audubon>

Natural Resources:

- Defense Council<http://www.nrdc.org/nrdc>
- National Wildlife Federation.....<http://www.nwf.org/nwf>
- Resources for the Future<http://www.rff.org>
- Sierra Club<http://www.sierraclub.org>

BLM Cultural Heritage & Recreation:

- (NPS).....<http://www.nps.gov>
- (USGS).....<http://www.usgs.gov>

From Washington Information Directory - at your library.

Submitted by Isabelle Burns

GEM AND MINERAL SHOWS

- Nov 6 - 8 **San Diego** - San Diego Lapidary Society.
Al Bahr Shrine Center, 5440 Kearny Mesa Road.
Hours: Fri & Sat 10 - 6, Sun 10 - 5
- Nov 7 - 8 **Fontana** - Kaiser Rock & Gem Club. Calif. Steel
Industry Bldg., 9400 Cherry Ave. Sat-Sun 9 - 5
- Nov 7 - 8 **Ridgecrest** - Indian Wells Gem Mineral Society.
Empire Fairgrounds. Field trips both days.
Hours: 9 - 5 both days.
- Nov 7 - 8 **Anaheim** - American Opal Society. Quality Inn.
616 Convention Way. Hours: Sat 10 - 6, Sun 10 - 5.
- Nov 7 - 8 **Pomona** - Mineralogical Society of So. California.
Fairplex, Building 6. Hours: Sat 10 - 7, Sun 10 - 5
- Nov 21 - 22 **Oxnard** - Oxnard Gem & Mineral Society. Oxnard
Performing Arts Center, 600 Hobson Way.
Hours: 10 - 5 both days.
- Nov 28 - 29 **Barstow** - Mojave Desert Gem & Mineral Society.
Barstow Community Center, 841 S. Barstow Road.
Hours: Sat 10 - 6, Sun 10 - 5.
- Dec 5 - 6 **San Bernardino** - Orange Belt Mineralogical Soc.
San Bernardino Woman's Club
Hours: Sat 10 - 6, Sun 10 - 5.

Vern Cliffe

Vern Cliffe

Editor: Jay Valle, 1421 Latchford Avenue, Hacienda Heights, CA 91745
 Home: (626) 336-3714; Work/Voice mail: (909) 396-2332;
 e-mail: jayv@aqmd.gov

Bulletin exchanges are welcome and should be sent to the editor.

Affiliations

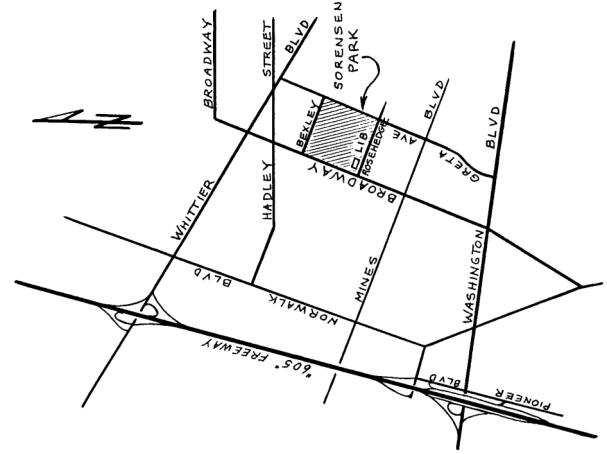


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Editor: Jay Valle, 1421 Latchford Ave.
Hacienda Heights, CA 91745



Meeting Date: November 19, 1998 at 7:30 PM
Location: Sorensen Park (See Map)