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Lake City Rockhound News

NORTH IDAHO MINERAL CLUB

APRIL 2014

P.O. Box 1643 Hayden, ID 83835

MEETING AT LAKE CITY CENTER 1916 LAKEWOOD DRIVE 667-4628

6:00 P.M. 3rd Thursday of month Visitors Welcome

Download the Northwest Newsletter at www.amfed.org/nfms

OUR web site for the club at www.northidahomineralclub.com

PROGRAM FOR APRIL 17, 2014

30 minute DVD—"CRATERS OF THE MOON"

SCHOLARSHIP —TICKETS 50 CENTS— DRAWING IN JUNE

SILENT AUCTION—refreshments

(Lots to discuss—need members input!)

Show meeting on Sunday, April 13, at the shop of Diane and Mike Rose. All are welcome to attend who wish to come. Let Diane Know—659-6173. We have lots to do before the show, and it is less than 2 months away! Meeting starts at 2 PM

Many of you were able to get to the Rock Rollers show the last weekend in March. The displays were wonderful, and attendance was way up from last year, as the dates were changed back to March where they were for many years. (It will be at this time every year.) Timing can make or break a show, and when the club depends on the income to support club functions throughout the year and pay the bills it is really important.

Hopefully all who went to the show in Spokane had the chance to stop at the ALAA information booth and talk to Dee Holland and Shirley Leeson. I was given a list of commonly used acronyms to put in the newsletter. It is a handy thing to keep close when you read any of the documents pertaining to these things that we are concerned about. Take page 3 out and keep it in your office or phone book—somewhere you can find it to refer to. It will clarify much information if you know WHAT AND WHO is being referred to.

North Idaho Mineral Club

Minutes for March 20, 2014

Meeting called to order by President Dale Rupert at 6:09 PM. The Pledge of Allegiance was recited. There are no guests in attendance.

Treasurers report. All bills are paid. Show Chairman Report, by Mike Burton:

The Grange will hold it meeting to decide if they will provide food for the show. Mike has printed 100 Brochures for Membership application. There is a need for a couple of workshops:

#1] to make items for the Kids Corner and maybe grab bags. The Rose's will host this workshop in the garage. NEED TO SET A DATE!

#2] liners for the new cases.. Beverly suggested she would like to host the workshop at her home. PLEASE VOLUNTEER!!! Date to be established at the next meeting.

Committee Chairs for Show (Sorry, I was not given the lists from Mike Burton to fill in all of the information.) Floor Plan Layout: Karel Mrazek and Diane Rose

Set Up: Diane Rose and Karel Mrazek with assistance from Patric and Dean Hutchinson and as many more as have time to assist!

Grand Prize Ticket Sales: ?? Entry cashiers: ?? Kids Corner ??

Silent Auction: Karel Mrazek and Diane Rose

Printing Dealer nametags and remake needed Membership nametags as needed: Diane Rose Show-cases: ??

Friday Night dinner for dealers: ??

Cleanup afterwards: Everyone hopefully!!!

FIELD TRIPS :Rock Rollers are going to Saddle Mountain April 12 ,our President is leading the trip There are two trips to Succor Creek #1] March 22 and #2] April 25 to 27 information on front table or call Dale Rupert.

NEW BUSINESS:

Mike Rose made a motion: To purchase rock from Steve Livingstone. Seconded by Beverly Bockman. There was much discussion and the motion was amended to include the amount of \$700.000 maximum. Amended by Patric Hutchinson and seconded by Everett Headrick. The motion was amended and passed. Mike Burton, Bill Johnson, Karel Mrazek and Diane Rose will go the Livingstone's Friday March 21. It was suggested we get names of the rocks we purchase to easier ID for the Silent Auction at the show as well as the monthly meetings.

Storage Unit: Mike Burton checked into other storage units in the area and suggested that the one we have is the best for the money. Mike also stated that the storage company [Advanced Storage] no longer sends out billings. He also advised the rent is due this month and suggested it be paid for 6 months in advance. Carl Chapin said he would take care of that immediately.

OLD BUSINESS:

We need to ask about the coffee that the Center is to supply as well as if the heat could be turned down. The Manager of the center came in and turned down the heater and apologized for no coffee. HE advised that there would be NO CHARGE for this evening meeting. The three month Scholarship Drawing was held. The winners collected their treasures! Congratulations to the winner! The new Scholarship Drawing will begin in April and end at the June meeting. Tickets are \$0.50 each and Beverly Bockman has the tickets. The meeting was adjourned. Don't forget the Silent Auction will end in 10 minutes.

Respectively submitted, Diane Rose Secretary, Protem (Thank you Diane! BB)

LIST OF COMMONLY USED ACRONYMS

ACEC	Area of Critical Environmental Concern	IM	Instruction Memorandum
APD	Application for Permit to Drill	MOU	Memorandum of Understanding
BA	Biological Assessment	NEPA	National Environmental Policy Act of 1969
BLM	Bureau of Land Management	NHPA	National Historic Preservation Act of 1966, as amended
BMP	Best Management Practice	NOA	Notice of Availability
BO	Biological Opinion	NOI	Notice of Intent
CAA	Clean Air Act	NRHP	National Register of Historic Places.
CEQ	Council on Environmental Quality	NSO	No Surface Occupancy
CPR	Code of Federal Regulations	OHV	Off-Highway Vehicle has also been referred to as ORV, Off Road Vehicles)
COA	Condition of Approval	PA	Plan Amendment
CSU	Controlled Surface Use	RFDS	Reasonably Foreseeable Development Scenario
CWA	Clean Water Act	RMP	Resource Management Plan
DM	Departmental Manual (Department of the Interior)	ROD	Record of Decision
DOI	Department of the Interior	ROW	Right-of-Way
EA	Environmental Assessment	SHPO	State Historic Preservation Officer
EIS	Environmental Impact Statement	SO	State Office
EO	Executive Order	T&E	Threatened and Endangered
EPA	Environmental Protection Agency	USC	United States Code
ESA	Endangered Species Act	USGS	U.S. Geological Survey
FEIS	Final Environmental Impact Statement	VRM	Visual Resource Management
FLPMA	Federal Land Policy and Management Act of 1976	WA	Wilderness Area
FO	Field Office (BLM)	WSA	Wilderness Study Area
FWS	U.S. Fish and Wildlife Service	WSR	Wild and Scenic River(s)
GIS	Geographic Information Systems Information Bulletin		

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THESIS: ANY PIECE OF JADE WILL TAKE A POLISH! Tom Leedham, Richmond Gem & Mineral Club 1/2004

Jade varies from piece to piece in characteristics that affect grinding and polishing. If one system fails a person must try alternatives that eventually will result in a creditable polish.

Grind and polish as you would an agate. Remember jade is softer and more fibrous than agate. Take the following precautions:

Trim saw your piece out of the slab without pushing. Take your time. If you try to rush the sawing you may start small edge fractures that will show up in the final stone.

Grind to size using plenty of water. Don't push too hard or you may get a "white spot" or spread the edge fractures.

Grind to shape using a steady turning of the stone on the wheel so that you are taking off the unwanted material without danger of enlarging any small edge fractures. Don't zip back and forth. Be on the lookout for potential hard spots. If they show up, carefully take them down.

220 sand with uniform strokes-steady but light. Check frequently. The grinding marks will disappear quickly. The shaping of the stone is the main thing.

320 sand -the hard spots if any will start to show.

400 sand - work the hard spots down. Finish sanding lightly and complete the shape.

600 sand - light steady pressure.

Polish on leather disk. First clean off the buff with a wad of wet paper toweling and squirt water on at the same time. Get rid of all the old tin oxide and crud that you possibly can. Polish the stone on the leather near the centre of the disk. In other words, use slow speed. Use a squirt of water on the buff. Put a little dab of tin oxide on your stone-not on the buff. When the buff starts to dry you will get the best pulling action. You can use pressure but get the pulling action. Jade takes much longer to polish than agate. Don't give up! Don't let the polishing disk get completely dry—the stone will burn or streak. If the stone winds up having irregular marks, orange peels, lumps, hard streaks, you will have to try something else. The best alternative is a system of hand finishing.

HAND FINISHING

Go back to the 400 grit and try to get a good looking shape and contour. Maybe you will have to go to 320 if it is an old wheel - then to hand finishing.

Alternatively - use the hand finishing sequence. This requires "wet-or-dry" sandpaper. It may be available in hardware stores, lumber yards or home improvement centers. It is always available in stores that have materials and equipment for the auto body repairtrade.

Get 320, 400, 600, 1200 (or ultra fine). Cut the sheets (or fold and tear) to 1/8 size (2-3/4" x 4-1/4"). This size fits comfortably in your hand. Also you should have a flat piece of wood (paint paddle) about 5" long. Leave your stone on the dipstick. To remove streaks or lumps lay a piece of 320 on your stick.

(Better yet, glue the sandpaper on the stick and use as a file). Hang on to the paper and stick with one hand. Wet the stone. (You need a cup or small container of water) Dip your stone in water and precisely and carefully sand off the high spots. Actually sand them slightly below the surrounding surface.

Take the 320 paper in your hand. Wet the stone. Sand the stone by turning the paper in the palm of your hand. With a bit of trial and error you can get a good contour. Go to 400, 600 and finally 1200 in your hand. Be careful not to re-create the streaks, lumps, etc. By 1200 the stone should have almost a polished look. (con't page 5)

Use a piece of leather to polish by hand. I have an old leather from a dining room chair seat. Use the "inside" of the leather.

Again, put the leather over your hand; put a dab of tin oxide on it. Wet your stone and rub it on the leather. As the leather dries you will feel the pulling action. Keep at it

Obviously this is slower than a machine buff but you will get good results.

Alternatively you can try your powered leather disk with light pressure with little tin oxide and quite dry. (To avoid speed stay close to the center of the wheel and keep the surface slightly damp. Do not let it dry out.)

BUYING JADE

What do you want? THE BEST!! You are going to spend a lot of time grinding and polishing and then putting your cab in a piece of fine jewellery. You want to be pleased and proud with the result. Therefore, why spend time on a piece that you got for a "bargain" and still looks that way when you are finished.

What qualities do you want? Ideally you want:

Clean bright green colour without disfiguring streaks or blotches of dark material. No muddiness, no grayness.

High degree of translucency.

No evidence of fractures.

No evidence of "crumbling" or of directional weakness.

No evidence of hard streaks.

What price should you pay? Your dealer prices his jade based on his judgment of quality and rarity. If you are only going to produce a few cabs why buy a big block? Pay the premium for the best you can slab you can find.

How do you find that good slab? Look at the slab when it is dry, not when it is wet. Look at the slab with a strong incandescent light above and behind it. (One with a hood or reflector).

(1). Translucency - Depending on the strength of the light source you can determine the relative translucency of different slabs. Hold the top edge of the slab on the edge of the reflector. Bring the bottom edge toward you so that you can see the range of translucency as the light penetrates into the slab. In some very translucent pieces the light will seem to go right through the width.

(2). Uniformity - You should also note the variations in translucency. Your selection should be the one that is most uniform.

(3). Colour - Look both "through" and at the slab. Is the colour a bright lively green? or, is it muddy or gray?

(4). Structural weakness - Look at the edge again. Is the edge sharp? Are there little pieces broken out? Are there little cracks? How far into and/or through the slab do they extend.

(5). Surface indications - Look directly at the surface. Is the sawn surface perfectly smooth? (Excluding any saw blade marks). Are there any streaks or ridges? These could indicate hardness in streaks. Look at the surface with the light behind it. Do you detect any internal cracks. Do you see any light or dark streaks? Again these may indicate hardness or softness.

I was not able to find the location of G.M.F.C. which published the newsletter this article appeared in.. .winter 2003/4

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**OFFICERS FOR 2014: NORTH IDAHO MINERAL CLUB**

PRESIDENT—DALE RUPERD 664-2712

VICE PRESIDENT—WAYNE FITZPATRICK 449-2215

TREASURER—CARL CHAPIN 772-9049

SECRETARY—SANDRA FITZPATRICK 449-2215

Committee chairs:

Mike Burton-SHOW CHAIRMAN 2014 AND WEBMASTER 772-9347

Bev Bockman- NEWSLETTER EDITOR AND MEMBER-SHIP 773-5384

Bill Johnson-FEDERATION DIRECTOR 765-3099

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CLUB WEB SITE

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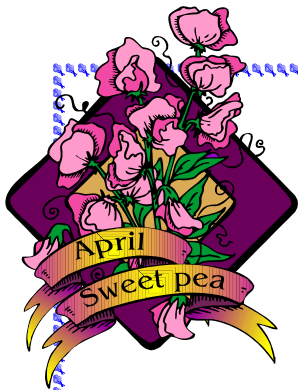
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S.C.R.I.B.E. ALAA



2014 ROCK AND GEM SHOWS IN WA., OR., ID., AND MT.

APRIL 18-20 -WILLAMETTE AGATE & MIN- RICKREAL OR

**APRIL 26-27 LAKESIDE GEM-, KENNEWICK WA/ NFMS MID
YEAR MEETING**

APRIL 26-27 GRAYS HARBOR GEM SOC-ELMA, WA

MAY 3-4 EVERETT ROCK & GEM EVERETT. WA

MAY 3-4 UMPQUA GEM AND MIN.-ROSEBURG, OR.

MAY 10-11 BOZEMAN GEM & MIN. BOZEMAN, MT.

****Consult www.amfed.org/nfms for show details.**

SUPPORT YOUR FELLOW ROCKHOUNDS AND CLUBS