

## Minutes of the 08/16/03 Combined Board Meeting

Martin Casto called the meeting to order at 6:41 pm.

Thank you to Bill Williams for allowing us to camp and have our meeting on his property!

Treasurer's report read and distributed.

### Old business:

Discussed Walker Valley gated now. There is a rockhound lock on it. There are also two other locks and when any one of the three is unlocked the gate will be open. The lock we have is bottom combo lock and the combo is 5425. This info will be posted on the website. Ed has purchased 4 locks to be used as replacements in case ours is damaged.

Discussed sign issue. We have permission to put up 2 signs one at the site and one near the gate. We have decided not to place a sign on the gate itself. More on the wording will be discussed at the next Westside meeting.

Ed has field trip dues and map sales money to submit to Treasurer at next meeting.

Kalama key holder is Brice Himko. We will submit letter and certification of insurance to get that set up for next years field trip.

### New business:

The Eastside club's show dates need to be shown in the newsletter info. Gave newsletter editor email address so that our eastside members could get the info to the right person and could be properly represented.

Federation show recap.

Discussed possibility of eastside montly meetings, like west side has. Unfortunately, the board members are still too spread out geographically to make a monthly meeting feasible for them. They wish to rely on their current forms of communication.

Introductions all around of people present.

Next Dual Meeting at the Palace Café November 1.

### Wagonmaster Report:

Greenwater trip, Sloan Creek trip and Salmon Creek trip reports given. Next trips discussed.

The First Creek area may be closed due to fire season during Pow Wow's Teanaway River trip. Bill Snell is keeping an eye on that situation.

There may be a Walker Valley trip during the Skagit Valley Club's show.

Meeting adjourned.

Respectfully Submitted,  
Norma Kikkert, Secretary

### Montana Stream Bed Ken Lennon

To spot a good looking stream bed at 60MPH is a valuable asset to a rock hound! This happened to me on Highway 2 in western Montana. (This is the alternate to the Going to the Sun road through Glacier National Park). We were on the western side of the divide and just before entering the park following the Marias River. I have never seen so many interesting sedimentary rocks in one place before. They consist of finely banded reds, grays, and greens. The access is easy and your bags will quickly fill to capacity.

While on the topic, Montana, don't pass through Glacier without visiting the new Lewis and Clark Interpretive Center overlooking the Missouri River. The foyer contains a huge decoration made of various rocks of Montana.

from Rockhound Special 8/03

### Geodes vs. Vugs Cecil Gross

We all know what a geode is - a roughly spherical hollow rock lined with crystals. A vug is a roughly spherical cavity lined with crystals. But do you know the real difference in the structure between the two?

A geode has an outer shell or rind (like a melon), composed of chalcedony, which is harder than the host rock in which the geode formed.

When the host rock weathers away, the geode is preserved intact due to its hard shell. Vugs do not have the protective rinds that geodes possess. The crystals found in vugs are formed within a cavity in the host rock, but unlike geode crystals, they are attached to the host rock itself. Therefore, vug crystals are destroyed when the host rock weathers through the cavity.

When weathering exposes a cavity and a rockhound happens to see it, the vug can be chiseled out. If an inch or two of the host rock is left around the cavity, the vug can be removed undamaged.

The geodes and vugs I am writing about are found within a radius of about 70 miles from Keokuk, Iowa, which includes portions of Illinois and Missouri. The rock in which they are found is a yellowish-brown to blue-gray dolomite shale of the Mississippian age (325 to 345 million years ago).

Geode Editor's note: Vugs also come in many non-spherical shapes.

via Dust & Grit 5/03, via The Show Me Geode 4/02