

## Friends of Mineralogy, Colorado Chapter Newsletter – November, 2001

November Meeting – Thursday, Nov. 1, 7:30 p.m.

(Board meeting 6:30-7:30)

Denver Museum of Nature and Science – V.I.P. Room (next to cafeteria)

### Comparison of gold-rich and gold-poor quartz-base metal veins in the Western San Juan Mountains, Colorado

*or*

### Why is there gold in some veins but not in most?

by Paul Bartos, Curator, Geology Museum  
Colorado School of Mines

There are some 2000 base metal-quartz veins in an area of about 100 mi<sup>2</sup> in the western San Juans, but the vein systems at just four mines have produced the bulk of the gold from the district: the Camp Bird, Idardo, Sunnyside, and Shenandoah-Dives mines. Why is this so? Paul will describe the vein systems and their mineralogies, and offer an explanation to account for the gold-rich vein deposits.

Paul Bartos, Curator of the CSM Geology Museum for the past 15 months, was formerly an exploration geologist with ASARCO. He was Exploration Manager for Latin America, and worked in Bolivia, Peru, and elsewhere, including Colorado. Paul M.S. thesis (Stanford) was on the ore deposits of Quiruvilca, Peru. Paul was the author of an article on the gold veins of the Mineral Point area, western San Juans, in the October, 1993 issue of the SEG (Society of Economic Geologists) Newsletter.

Paul will also give a brief summary about plans for the new Geology Museum at Colorado School of Mines, scheduled to be completed by September 2002.

**FMCC dues** are \$13.00, which includes membership in national Friends of Mineralogy. You may pay dues now for 2002; new members, please contact us for an application form, and send your dues to **Friends of Mineralogy-Colorado Chapter, P.O. Box 5276, Golden CO, 80401-5276.**

**FMCC Officers:** Bill Chirnside, President, 303-989-8748

Eunice York, VP, 303-761-8296

Jim Hurlbut, Treasurer, 303-757-0283

Pete Modreski, Sec., 303-425-9549

Directors: Bruce Geller (2000-01), Judy Peterson (2001-02), Jack Thompson (2001-02)

**FMCC Election:** November is our month to elect new FMCC officers and directors. Nominating Committee chair Bill Chirnside reports that Pete Modreski is willing to be a candidate for President (Pete has been FMCC president twice in the past); Eunice York and Jim Hurlbut are willing to continue in office for another term as Vice-President and Treasurer respectively; and Bruce Geller is willing to run for another term as a Director. Judy Peterson and Jack Thompson remain in office for the second year of their two-year terms as Directors. As of writing this newsletter we still have an open vacancy for Secretary. New nominations for this or any other office will be accepted at the Nov. 1 meeting, and at that meeting we will vote on the proposed slate of officers.

**FM Nov. meeting is this week, Thursday, Nov. 1, 7:30 pm, Denver Museum of Nature & Science!  
Paul Bartos – Gold veins of the San Juan Mountains**

**Coming Events: 2001**

- Nov. 1, November FM meeting, Denver Museum of Nature and Science
- Nov. 10-11 New Mexico Mineral Symposium, Socorro NM
- Nov. 17 Littleton Gem & Mineral Club silent auction, 2-5 p.m., Littleton Community Center, 1950 W. Littleton Blvd. (all are invited)

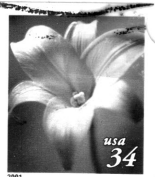
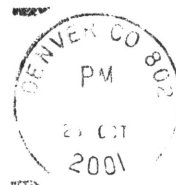
**2002**

- Jan. 10 January FM meeting, Denver Museum of Nature and Science
- Feb. 14-17 Tucson Gem and Mineral Show: *Minerals of Africa*
- Sep. 7-10 Symposium on Gemstone Deposits of the Rocky Mountain Region
- Sep. 13-16 2002 Denver Gem and Mineral Show: *Gemstones of Colorado*

**Littleton Gem and Mineral Club Silent Auction, Saturday, November 17**

Everyone is invited to the annual LGMC Silent Auction, Saturday afternoon, November 17, at that club's regular meeting place, the Littleton Community Center, 1950 West Littleton Boulevard. The seller's setup will begin at 2:00 p.m.. The auction itself will run from 2:30 to about 5:00. Non-members are invited to sell; however, please limit the number of items to twelve due to space limitations. LGMC's commission is 20%. Please use the LGMC bid slip. A copy is available from the club website, <http://us.geocities.com/LittletonGMC>. To obtain a buyer and seller number in advance, call Clarene Weller (303-781-1216).

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P.O. Box 5276  
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