



Mineral Locality Symposium

Tools for Mineral Identification

October 25, 2008

Followed by a field trip on Sunday, October 26

Suggested Donation: \$10.00, Saturday Lectures & Field Trip, \$10.00, Sunday Field Trip

Sponsored By

Friends of Mineralogy (Southern California Chapter) & Desert Discovery Center

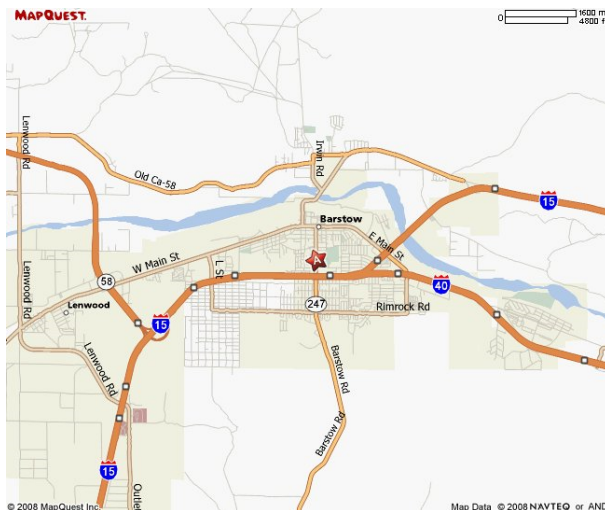
Desert Discovery Center

831 Barstow Road

Barstow, CA 92311

Phone: 1(760) 252-6060

Take Interstate 15 to Barstow and get off at Barstow Road and go north. The Desert Discovery Center is on the right hand side of the road.



Saturday Symposium & Field Trip Information

- 9:00 AM Registration for Symposium and Field Trips
Coffee and snacks available
- 9:40 Welcome — Robert Hilburn, President, Mojave River Valley Museum Association and Bob Reynolds, President, SCFM
- 10:00 Lasers in Geology: A Two-Part Analysis of Lasers for Destructive and Non-Destructive Testing of Rocks and Minerals — Megan Shadrack (CSUSB)
- 10:30 Break
- 10:45 An Introduction to Mineral Identification Via X-Ray Diffractometer (XRD): The Powder Diffraction Method and Common Applications — Danielle Montgomery (CSUSB)
- 11:20 An Overview of the Method and Applications of Whole Rock Analysis of San Antonio Canyon's Igneous Rock Assemblage through X-Ray Fluorescence — Daniel Heaton (SDSU)
- 12:00 PM Lunch Break - Lunch Tables Available
- 1:00 SCFM meeting, public invited
- 1:30 Describing New Minerals: Tools, Techniques and Problems — Dr. Tony Kampf, Los Angeles County Museum of Natural History
- 2:30 Silent Mineral Auction, *Please bring mineral specimens for auction.*
- 3:00 Field Trip Information and Registration — Please register so we don't leave you behind.
Saturday Trip: A. O. Prospects, Lenwood
Sunday Trip: Blue Bell Claims, Baker (4WD, high clearance vehicle required, car pooling options will be discussed.)