

# Geology for Archaeologists

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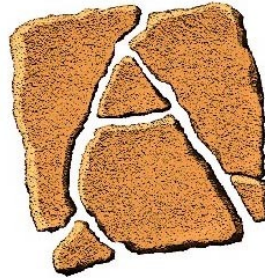
**2 hour Seminar Saturday, April 14 ,  
 2012—SDAC - 10AM –Noon**  
**4 hour Field Trip-Saturday April 21,  
 2012—KIIC– 8AM-Noon**

**Registration fees: Members of KIIC or SDAC: \$45**  
**Non members: \$70**

Dr. Eleanora Robbins (Norrie) is a paleo-palynologist, former student of Paul S. Martin (“Pleistocene Extinctions”), retired from the U.S. Geological Survey after 34 years, and is adjunct faculty in the Dept. of Geological Sciences at SDSU.

**April 14:** “Geology for Archaeologists” is designed to answer questions provided by local archaeologists ( Submit your questions to [nrobbins@geology.sdsu.edu](mailto:nrobbins@geology.sdsu.edu)). Topics to be discussed in detail include: identification of volcanic rocks, how to tell when a volcanic rock has been metamorphosed, types and depositional environments of silica-rich rocks that get classified as CCS (cryptocrystalline silica), and local geology and soils. Robbins will begin to address quarry sites, geomorphic evidence for landscape modification, and human modification of soils.

**April 21:** The associated four-hour field trip (Car pool) will visit sites where volcanism and metamorphism have created chilled margins at their contacts with other lithologies, thereby modifying the rocks in ways that later create strong tools. Hike difficulty—moderate



**Please send payment to:**

San Diego Archaeological Center,  
 16666 San Pasqual Valley Road,  
 Escondido, CA 92027

Or call 760-291-0370 with credit card information.

Name \_\_\_\_\_  
 Address \_\_\_\_\_  
 Phone \_\_\_\_\_  
 Email address: \_\_\_\_\_  
 Member of SDAC or KIIC Yes/No \_\_\_\_\_, Class Fees Paid \$ \_\_\_\_\_

For more information call Dan Cannon at 858-922-8043 (KIIC) or Annemarie Cox (SDAC) at 760-291-0370 or email [acox@sandiegoarchaeology.org](mailto:acox@sandiegoarchaeology.org). **Reservations are required, class is limited to 30 hikers!**

Signature \_\_\_\_\_ Date \_\_\_\_\_  
 Signature of parent or guardian if under 18 years of age. \_\_\_\_\_ Date \_\_\_\_\_