



SAN DIEGO ASSOCIATION OF GEOLOGISTS

1992 EXECUTIVE COMMITTEE

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MEETING NOTICE

WEDNESDAY, APRIL 22, 1992

SPEAKERS; ANDY THOMAS and TAMMY TATUM
Graduate Student Undergraduate Student
San Diego State University San Diego State University

TOPICS: PREHISTORIC ACTIVITY OF THE IMPERIAL FAULT ZONE, NORTHERN MEXICALI VALLEY, MEXICO: IMPLICATIONS FOR THE DISTRIBUTION OF DEXTRAL SHEAR ACROSS THE SOUTHERN SALTON TROUGH (THOMAS).

and

IDENTIFICATION OF NORTH AND NORTHEAST-TRENDING STRUCTURES FROM THE SEISMICITY OF THE ELSINORE-LAGUNA SALADA FAULT ZONE NEAR THE INTERNATIONAL BORDER (TATUM)

PLACE Qwiig's Bar & Grill
5083 Santa Monica Avenue
Ocean Beach, San Diego

Time: 6:00 Social Hour
7:00 Dinner
8:00 Program

DINNER: White sea bass, house salad, potato, vegetable, country rolls, coffee/tea, white chocolate gelato.

COST; \$20.00 (please make check payable to SDAG.)

RESERVATIONS REQUIRED! BY NOON MONDAY, April 20. Please phone in your reservations ASAP to the receptionist at the Miramar Landfill (619) 573-1414. Please call if you need to cancel your reservation. SEATING IS LIMITED ! Early reservations are strongly suggested

SUMMARY; SDAG recently awarded scholarships to two students in the Geology Department at San Diego State University. Graduate student, Andy Thomas, and undergraduate student, Tammy Tatum, were the honored recipients. Their respective topics will be presented at this month's meeting. Abstracts of their theses will be available at the meeting. Our thanks to our 1991 Corporate Sponsors for their support of this scholarship effort.

THANK YOU FOR NOT SMOKING IN THE MEETING ROOM !

ANNOUNCEMENTS:

1. SDAG would like to thank PSI AMERICAN ENGINEERING for being a 1992 Corporate Sponsor and CATLIN ENGINEERING for Corporate Sponsorship in the form of compiling and printing the 1991 SDAG Membership Directory, THANKS! SDAG is still looking for other Corporate Sponsors to help with our yearly expenses. If you or your Company would like to become a corporate sponsor and be recognized in the SDAG newsletter, directory and at the following month's meeting, send a minimum \$100.00 contribution to SDAG c/o Joe Coronas, 13450 Russet Leaf Ln., San Diego, CA. 92129.

2. The City of San Diego is requesting geologic information about an area located on the north side of Mount Soledad in La Jolla. The area of interest is roughly bounded by Hillside Drive, Ardath Road and Torrey Pines Road. Local consultants with information including geologic maps, borehole logs, slope inclinometer data, or structural distress observations are asked to please contact City Geologists Rob Hawk (236-7236) or Werner Landry (236-7251.)

3. The County of San Diego has recently instituted the Groundwater Ordinance (County Ordinance #7994, new series.) DPLU has also updated the "Standards for Site Specific Hydrogeologic Investigations" for studies required by the ordinance. Copies of each can be obtained at no cost from the DPLU Zoning Counter at 5201 Ruffin Road, Suite B, Kearny Mesa. In addition, "Hydraulic Properties of a Fractured-Rock Aquifer, Lee Valley, San Diego County, USGS Open File Report 90-592" can be obtained from the DPLU Cashier for \$4. The investigation centered on the crystalline fractured-rock aquifer of Lee Valley, a small Hydrologic basin located east of Jamul. Hydraulic properties of the aquifer and hydrologic budget of the basin were studied in detail. For further information contact J. Eric Gibson, County Groundwater Geologist at 694-2960.

4. Call for papers!! The 1992 SDAG annual field trip will be an update to our 1978 field trip to the Coronado Islands. If you are interested in submitting a paper(s) regarding the geology or natural history of the Coronado Islands, please contact Lyne Perry at 292-8030. The field trip has been scheduled for Sunday, September 13, 1992,

5. SDAG would like to extend its gratitude to Steve Jensen and Petra Geotechnical for storing hundreds of SDAG publications in his office for the next few months, we really appreciate it Steve, Thanks! By the way, any of you that would like to help Steve out by purchasing any SDAG publications (so he will have more room in his office) please contact Lyne Perry at Leighton & Associates, 292-8030.

6. The LAST DAY OF ANNOUNCEMENTS to be included in the MAY newsletter is Friday, May 1. Please submit items in writing to Joe Coronas at the City of San Diego, FAX (619) 492-5041

IN MEMORIAM

MASON LOWELL HILL

Pioneering structural geologist and San Andreas fault expert

Mason Lowell Hill was born in Pomona, California on January 17, 1904, and died in Whittier, California on March 11, 1992. He was born two years before the great San Francisco earthquake. His parents had migrated to California from Missouri, and they settled at the base of the San Gabriel Mountains, 20 miles from the San Andreas fault. This general area of the Los Angeles basin was the center of the rapidly developing petroleum industry in southern California. Hill's life was intertwined with these two geologic influences - the San Andreas fault and the oil industry.

In 1922, when Hill registered for classes at Pomona College, his advisor by chance that first day was A.O. Woodford of the newly formed Geology Department. Woodford convinced Hill he should take geology to satisfy his science requirement. This course convinced Hill to become a geologist.

He was recognized with honorary membership in the American Association of Petroleum Geologists, Pacific Section of the American Association of Petroleum Geologists, and the South Coast Geological Society. AAPG presented him with the association's highest award, the Sydney Powers Memorial Medal in 1981. Woodford and Hill were awarded honorary Doctorates of Sciences by Pomona College. SCGS dedicated the 1982 volume 'Geology and Mineral Wealth of the Transverse Ranges' to Hill stating that his was a 'life dedicated to the love of geology, the desire to understand geology, and the wish to convey his comprehension to others.'

Hill's avid curiosity, gregarious personality, lust for learning, precision in terminology, streak of iconoclasm, and ability to challenge conventional thought, all made him an invaluable observer and contributor to the present understanding of California's complex geology.

Hill is survived by his wife, Marie, five sons, eleven grandchildren, and one great-grandchild. Contributions can be made to the Mason L. Hill Scholarship at Pomona College, 609 N. College Avenue, Claremont, CA 91711-6339 or to the American Association of Petroleum Geologists. Contact Dorothy Stout for more information, phone 310-695-7743, fax 310-695-4987.

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