



ASSOCIATION OF ENGINEERING GEOLOGISTS

Southern California Section

"Serving Professionals in Engineering, Environmental,
and Groundwater Geology
Since 1957"

NEWSLETTER - JULY 1998

July Dinner Meeting

Tuesday July 14, 1998

5:30 - Social Hour 7:00 - Dinner 7:45 - Announcements 8:00 - Program

Stevens Steak House 5332 Stevens Place, City of Commerce, CA

Reservations Call Nicole Harris at Montgomery Watson (626) 568-6041

Cost \$20.00 per person (students \$10.00 w/ valid ID)
Please make reservations by Friday July 10, 1998. "No-shows" will be billed.

SPEAKER WOODROW HIGDON

TOPIC "EL NINO FACT OR FICTION, PAST
AND PRESENT"

Woody Higdon will lead us on a photographic tour of some of the well-publicized effects of Southern California's 1997-1998 winter storm season. Features of interest include the recent landslides in Laguna Niguel, Laguna Beach, San Juan Capistrano, and Malibu, as well as other flooding and debris flow phenomena. Finally, to help us put "El Nino" in its proper context, Woody will examine historical winter storm seasons and their geological impacts. Woody Higdon, president of Geo-Tech Imagery International in Oceanside, California, has extensive and unique credentials as a technical and commercial photographer and videographer, professional diver, engineering geologist, GIS application specialist, helicopter pilot, and law enforcement officer.

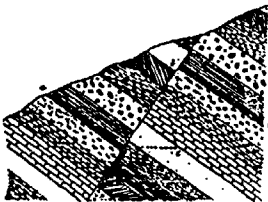
OFFICERS

CHAIR
David Ebersold
(626) 796-9141
dave.ebersold@
us.mw.com

VICE CHAIR
Thomas L. Slosson
(818) 376-6540

TREASURER
Wendy Schell
(714) 250-1421

SECRETARY
Martin Licurance
(805) 499-5035



CHAIRMAN'S COLUMN

Sunset Review - everyone is certainly tired of hearing about it, but it continues to dominate much of how we think and act with regard to ongoing legislative issues. In mid-1999 (about one year from now) the Board of Registration for Geologists and Geophysicists must submit its next report to the Joint Legislative Sunset Review Committee (JLSRC). These reports, required every four years, are part of the sunset review process which is intended to ensure that the needs of the public are being met by the various boards of registration. However, this process is inherently political. Whether or not the BRGG continues to exist is, in large part, a measure of our ability to implement a process of continual improvement and to change with the varying political climate. Areas of particular concern to the JLSRC in the 1996 sunset review process included the registration exam for RGs and enforcement.

Lets focus on the exam for a moment. The BRGG has a unique opportunity to implement a significant change in the RG exam process by moving to a nationally recognized exam. This change would be consistent with the recommendations of the JLSRC. SB 1984 is the mechanism which would allow this to happen. In late April, I, along with the other California Section Chairs of AEG, directed our lobbyist to support this bill. As a result of the short notice preceding a committee hearing, this decision was made only in consultation with the other California Section Chairs. The SB 1984 issue was raised at our May meeting and again in June. A significant portion of the discussion at each of these two meetings was devoted to SB 1984.

In order to ensure that the direction which the California Section Chairs gave to our lobbyist is consistent with the interests of AEG, I have since personally reviewed what I believe to be the majority of the issues expressed by those opposed to this legislation, participated in extensive e-mail discussion of the issue, reviewed the 1996 JLSRC Report, reviewed financial documentation provided by the Department of Consumer affairs to the Legislative Financial Analyst regarding the BRGG's financial condition, held conversations with persons extensively involved with the Association of Boards of Geology (ASBOG), spoken with the President of the BRGG, tracked amendments to the bill, spoken extensively with

some of those in opposition, reviewed minutes of BRGG Exam Committee meetings, and continued to confer with the other two AEG California Section Chairs and leaders of other geologic organizations in the state. Additionally, I have personally conferred with each of the three members of our Section's Legislative Committee (Bob Hollingsworth, Hugh Robertson, and Joe Cota). There is majority support for SB 1984 from this committee and, as such, each member of the committee has recommended that I continue to support this legislation on behalf of the Southern California Section. This is our process and I do not take the responsibility associated with it lightly. Change is never easy, and I firmly believe that we all want what we believe is best for our profession. And so it is with considerable disappointment that I continue to read and hear of what appear to be false or incorrect statements regarding what this proposed legislation says or doesn't say, what the financial condition of the BRGG is, and what has or has not happened in various meetings. How we conduct ourselves as a profession and how we adapt to change in the face of a changing environment will determine both our future and the future of our Board.

CCGO REPRESENTATIVE DESIGNATION

Each member organization of the California Council of Geoscience Organizations (CCGO) needs to designate one representative to serve on the Board of Directors. The term is for 3 years. Our section must designate its representative as soon as possible and the representative's attendance at the August 8 CCGO Board meeting in Sacramento is strongly encouraged. Election of CCGO officers is scheduled for the Sacramento meeting. Persons interested in this position should be highly motivated, familiar with legislative advocacy issues related to geologists, experienced with the issues and concerns of AEG, willing to volunteer significant amounts of time, and able to travel to bimonthly board meetings held throughout the state. Those interested in a such a position should contact the AEG Southern California Section Secretary. Names of interested persons will also be accepted at the July 14 Section meeting. A floor vote to select the Section's representative will be conducted at that time.

5th Dibblee Medal Awarded to Clarence A. Hall

"Remove geologic maps and the making of geologic maps from geology and you remove the essence of geology" -- Clarence Hall, 1998.

Professor Clarence A. Hall, Professor and Dean Emeritus at the University of California, Los Angeles, is the 1998 recipient of the Dibblee Medal presented May 1, 1998 at the Dibblee Luncheon held at the AAPG-SEPM meeting in Ventura, California. Dr. John Crowell of the University of California, Santa Barbara, in his remarks as citationist stated that Dr. Hall in his prolific career has "made outstanding contributions to geology through geological mapping and the interpretation of his maps" for he is "a master in the difficult science and art of geological mapping which demonstrates regional significance." In highlighting Hall's career, Crowell pointed out that Hall had produced more than a dozen quadrangle-sized maps in the west central Coast Ranges and the White-Inyo Mountains of California, and has mapped along the North Pyrenean fault in southern France. His careful mapping and synthesis of complex country in coastal California from the Monterey Bay region to the Transverse Ranges resulted in "HALLmark" papers supporting large-scale strike slip on some of California's major faults and enabled identification of the Southern California allochthon.

In selecting "influential people in his career and interest in making and interpreting geologic maps," Hall singled out Bob Compton from his alma mater, Stanford, where he obtained his BS (1952), MS (1953), and Ph.D. (1956) with a dissertation on the Pleasanton area, southeast of San Francisco, for the "joy he (Compton) received from helping his students to appreciate what it was that he was seeing and deciphering." At UCLA, Hall chose E.L.(Jerry) Winterer, now at Scripps and the University of California, San Diego, who introduced him to the Tick Canyon-Vasquez Rocks area, "one of the finest one-square miles of geology that I know of in North America for teaching students how to map and interpret their mapping" and John Crowell, now at UCSB "when chairmen and managers exercised more authority," for saying, 'Clarence, you are going to teach the UCLA summer field course' and his colleague, Gary Ernst, now at Stanford, "the only person I have ever known who really enjoyed mapping blebs and blobs in the Franciscan Complex."

In emphasizing not only his love of geologic mapping and interpretation, Hall shared his philosophy of geologic mapping for "the field is where geologic problems lie waiting to be found, rethought, or restudied. A geologic map is the essential foundation for studying geologic problems. Yet the useful scientific lifetime of a geologic map is rarely more than 25 to 50 years because new paradigms or new information and thought alter the interpretation of geologic features or cause new elements of the geology to be recognized for the first time, as examples, transform and detachment faults. Hall went on to conclude, "remove geologic maps and the making of geologic maps from geology and you remove the essence of geology." His great love of geologic mapping was illustrated by his reference to a quote from Miguel de Cervantes' character Don Quixote, "Journey over all of the Earth in a [geologic] map, without the expense and fatigue of traveling, without suffering the inconveniences of heat, cold, hunger and thirst"; journey back through time; and journey into the interior of the Earth.

DISTRIBUTOR FOR CHANCE® HELICAL PIER® UNDERPINNING SYSTEM AND THE STANLEY® COMPULEVEL™

THE **ONLY** ENGINEERED
FOUNDATION SYSTEM
LISTED WITH THE FOLLOWING:

Building Codes:

BOCA

Report No. 94-27

ICBO

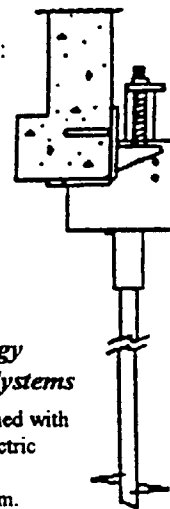
Report No. ER-5110

SBBCCI

Report No. 9504

*Proven Helical Pier® Technology
Now Used For Underpinning Systems*

Foundation Stabilization is accomplished with an engineering technology used by electric utilities for decades:
Helical screw anchor foundation system.



*This Proven System Provides
These Benefits:*

- Significantly lower cost compared to other stabilizing methods.
- Measurable capacity during installation.
- Predictable results: known capacity in specific soils.
- No stress on structure during installation.
- Fast installation: minimal site preparation.
- Installs in limited access areas.
- Provides support for failing retaining walls.
- Can be utilized in emergency shoring situations.

For more information on product, or how you can become a certified Chance® installing contractor in your area contact:

ADVANCED SUPPORT TECHNOLOGY, INC.

(805) 250-1688

Serving Southern California

SENATE BILL 1984

SB 1984, which proposes significant changes to the current BRGG registration exam process, has generated a vigorous, if not heated, discussion among our profession (see this month's Chairman's Column). To help inform our membership, we are reprinting the most current version of the bill, courtesy of the Official California Legislative Information web site (<http://www.leginfo.ca.gov/>). [Late-breaking news -- SB 1984 just passed a committee vote 7-2.]

BILL NUMBER: SB 1984

(additions italicized; deletions in strike-through text)

Amended In Assembly	June 23, 1998
Amended In Senate	May 12, 1998
Amended In Senate	May 4, 1998
Amended In Senate	April 15, 1998

INTRODUCED BY: Senator Greene, February 19, 1998

An act to amend Sections 7841 and 7887 of the Business and Professions Code, relating to regulated professions, and making an appropriation therefore.

LEGISLATIVE COUNSEL'S DIGEST

SB 1984, as amended, Greene. State Board of Registration for Geologists and Geophysicists.

(1) Existing law requires specified qualifications for registration as a geologist that include successfully passing a written examination. This bill additionally would *require that written examination to incorporate a national examination for geologists, and would also require, passage of a supplemental California specific examination, as specified.*

(2) Existing law specifies the maximum registration and renewal fees that may be fixed by the State Board of Registration for Geologists and Geophysicists and prohibits the board from increasing those fees beyond the amount fixed by the board as of January 1, 1993. This bill would increase the maximum fee for the filing of an application for registration as a geologist or geophysicist or certified as a speciality geologist or geophysicist and for administration of the examination from \$100 to \$250 and would delete the prohibition against increasing this fee. The bill also would impose an examination fee not to exceed \$300 for each applicant for registration as a geologist and an examination fee not to exceed \$100 for each applicant for registration as a geophysicist or certification as an engineering geologist or a hydrogeologist.

(3) Existing provisions of the Business and Professions Code continuously appropriate the moneys in the Geology and Geophysics Fund, a special fund. Because this bill would increase the amount of moneys in the fund, it would make an appropriation.

THE PEOPLE OF THE STATE OF CALIFORNIA DO ENACT AS FOLLOWS:

SECTION 1. Section 7841 of the Business and Professions Code is amended to read:

7841. An applicant for registration as a geologist shall have all the following qualifications:

(a) Not have committed any acts or crimes constituting grounds for denial of licensure under Section 480.

(b) Meet one of the following educational requirements fulfilled at a school or university whose geological curricula meet criteria established by rules of the board:

(1) Graduation with a major in geology.

(2) Completion of 30 semester units in geological science courses leading to a major in geology, of which at least 24 units are in the third or fourth year, or graduate courses.

(c) Have at least seven years of professional geological work which shall include either a minimum of three years of professional geological work under the supervision of a registered geologist or a registered civil or petroleum engineer, except that prior to July 1, 1970, professional geological work shall qualify under this subdivision if it is under the supervision of a qualified geologist or a registered civil or petroleum engineer, or a minimum of five years' experience in responsible charge of professional geological work. Professional geological work does not include routine sampling, laboratory work, or geological drafting. Each year of undergraduate study in the geological sciences shall count as one-half year of training up to a maximum of two years, and each year of graduate study or research counts as a year of training. Teaching in the geological sciences at college level shall be credited year for year toward meeting the requirement in this category, provided that the total teaching experience includes six semester units per semester, or equivalent if on the quarter system, of third or fourth year or graduate courses. Credit for undergraduate study, graduate study, and teaching, individually, or in any combination thereof, shall in no case exceed a total of four years towards meeting the requirement for at least seven years of professional geological work as set forth above. The ability of the applicant shall have been demonstrated by the applicant having performed the work in a responsible position, as the term "responsible position" is defined in regulations adopted by the board. The adequacy of the required supervision and experience shall be determined by the board in accordance with standards set forth in regulations adopted by it.

SENATE BILL 1984 (continued)

(d) Successfully pass a written examination that incorporates a national examination for geologists created by a nationally recognized entity approved by the board, and a supplemental California specific examination. The California specific examination shall test the applicant's knowledge of state laws, rules and regulations, and of seismicity and structural geology as it pertains geology unique to practice within this state. The board shall use the national examination on or before June 30, 2000.

SEC. 2. Section 7887 of the Business and Professions Code is amended to read:

7887. The amount of the fees prescribed by this chapter shall be fixed by the board in accordance with the following schedule:

(a) The fee for filing each application for registration as a geologist or a geophysicist or certification as a specialty geologist or a specialty geophysicist and for administration of the examination at not more than two hundred and fifty dollars (\$250).

(b) The registration fee for a geologist or for a geophysicist and the fee for the certification in a specialty shall be fixed at an amount equal to the renewal fee in effect on the last regular renewal date before the date on which the certificate is issued, except that, with respect to certificates which will expire less than one year after issuance, the fee shall be fixed at an amount equal to 50 percent of the renewal fee in effect on the last regular renewal date before the date on which the certificate is issued. The board may, by appropriate regulation, provide for the waiver or refund of the initial certificate fee where the certificate is issued less than 45 days before the date on which it will expire.

EMPLOYMENT OPPORTUNITIES

STAFF GEOLOGIST - Grover-Hollingsworth is considering hiring another staff geologist. Although previous experience is not essential, the successful candidate must be extremely sharp, and must possess solid field, communication, and computer skills. Please send a letter and resume in strict confidence to Dave Grover, c/o Grover-Hollingsworth & Assoc., Inc., 31129 Via Colinas, Suite 707, Westlake Village, CA 91362-3928. Fax: (818) 889-4170. E-mail: grover15@ix.netcom.com

COMMITTEE CHAIRS

MEMBERSHIP - John Whitney (714) 647-0277
LEGISLATIVE & REGULATORY AFFAIRS - Robert Hollingsworth (818) 889-0844
 grover15@ix.netcom.com
FIELD TRIPS - Kim Bishop (213) 343-2409
SHORT COURSES - Sue Tanges (619) 442-8022
EDUCATION - Ali Tabidian (818) 677-2536
PUBLICATIONS - Rudy Ruberti (818) 785-2158
EDITOR - Stuart Michener (310) 670-9221
 nsam@pacbell.net

Deadline for newsletter submittals to the August 1998 Newsletter is July 30, 1998.

- (c) The duplicate certificate fee at not more than six dollars (\$6).
- (d) The temporary registration fee for a geologist or for a geophysicist at not more than eighty dollars (\$80).
- (e) The renewal fee for a geologist or for a geophysicist shall be fixed by the board at not more than two hundred dollars (\$200).
- (f) The renewal fee for a specialty geologist or for a specialty geophysicist at not more than fifty dollars (\$50).
- (g) Notwithstanding Section 163.5, the delinquency fee for a certificate is an amount equal to 50 percent of the renewal fee in effect on the last regular renewal date.
- (h) The fees fixed by the board pursuant to subdivisions (e) and (f), as of January 1, 1993, shall not be increased.
- (i) Each applicant for registration as a geologist shall pay an examination fee fixed by the board at an amount equal to the actual cost to the board for the purchase of the National Association of State Boards of Geology examination, including a supplemental California specific examination, and shall not exceed three hundred dollars (\$300).
- (j) Each applicant for registration as a geophysicist or certification as an engineering geologist or certification as a hydrogeologist shall pay an examination fee fixed by the board at an amount equal to the actual cost to the board for the development and maintenance of the written examination, and shall not exceed one hundred dollars (\$100).

ZIP-A-DIP Combination protractor, scales and
 most efficient apparent dip calculator!

Only \$4.00 each, 2-10: \$3.50; 11+: \$3.00; 50+: \$2.50

Brochure describes ZIP-A-DIP and stratigraph.

PLEASE NOTE NEW ADDRESS BELOW!

Brochure only ___ ZIP-A-DIP quantity ___ total cost _____

Name _____

Address _____

To: ZIP-A-DIP, 3891 Ashford Dr. Eugene, OR 97405

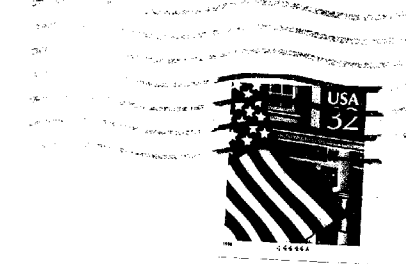
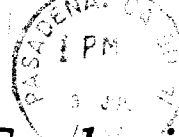
Solutions	Consulting Geohydrologist
Land	Engineering Geologist
Water	Water Quality Specialist

Sanford L. Werner
 Registered Geologist
 Certified Engineering Geologist

21031 Blythe Street, Canoga Park, CA 91304
 (818) 998-8178



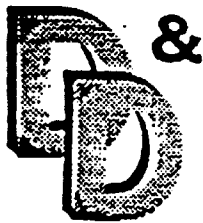
Association of Engineering Geologists
Southern California Section



Stuart R. Michener
AEG Newsletter Editor
1669 Wilson Ave.
Arcadia, CA 91006



FIRST CLASS POSTAGE



Construction Specialties, Inc.

LIC. # 681416



"Specializing In Hillside Drilling & Tough Hand Excavations"

* Test Pits/Test Borings

* Foundation Underpinning & Repair

* Caissions/Grade Beams

* Slope Repairs/Recompaction

* Demolition & Hauling

Friendly & Professional Service

(818) 767-8864