

ASSOCIATION OF ENVIRONMENTAL & ENGINEERING GEOLOGISTS
Southern California Section
"Connecting Professionals, Practice, and the Public."

NEWSLETTER – August 2008

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Visit the Southern California Section Website: www.aegsc.org

Newsletter Editor – Steve Varnell, svarnell@fugro.com, 805-650-7000

Meeting Date: *Tuesday, August 12th*****

- ***Location:** Courtyard by Marriott, 1710 Newbury Road, Thousand Oaks, CA 91320
Map: <http://www.marriott.com/hotels/maps/travel/oxrto-courtyard-thousand-oaks-ventura-county/>
- Time:** 6:00 p.m.-Social Hour; 7:00 p.m.-Dinner, 7:45 p.m.-Presentation
- Cost:** \$30 per person with reservations, \$35 without reservations, \$15 with a valid Student ID.
- Reservations:** Please e-mail Peter Thams at thams.peter@gmail.com
- Speaker:** William C. Tracy, PG, CEG, CHg, Gp
James R. Steele, PG, CEG, CHg (Co-author)
- Topic:** Paleocurrent Indicators and Fault Related Folding, Mission Ridge Fault, Santa Barbara Coastal Plain, Santa Barbara County, California

*****REMINDER: The 3rd Annual Golf Outing is on August 15th – Please See Page 5!**

Abstract:Purpose and Scope

The purpose of this investigation was to evaluate and compare paleocurrent indicators in Rattlesnake Fan across the Mission Ridge Fault in Santa Barbara, California for features that would provide support for or against an inferred blind Mission Ridge fault zone shown on geologic maps published by Gurrola (2004) and Minor et al. (2006).

Methods of Investigation

The investigation evaluated the imbrication of pebbles and other depositional features within the Pleistocene Older Alluvium (or fanglomerate of Dibblee [1966]) at sites in the Rattlesnake Alluvial Fan of Mission Ridge in the City of Santa Barbara, California. Imbrication is a depositional fabric found in conglomerates and pebble beds in which the long axes of elongated clasts tend to lie more or less parallel with one another leaning in the direction of current flow. Deposition occurred under the influence of a powerful current. The investigation included:

1. Review of existing literature including a paper indicating that the Older Alluvium clasts are commonly imbricated (USGS Preliminary Geologic Map of the Santa Barbara Coastal Plain Area, Santa Barbara County, California, USGS Open File Report 02-136, 2002, page 3).
2. The collection of trend and plunge data along the long axes on alluvial cobbles and boulders in the Rattlesnake Alluvial Fan from site throughout Mission Ridge.
3. Performing a structural analysis of the alluvial cobble trend and plunge data by stereonet, and developing conclusions and recommendations.
4. Evaluation of paleo-depositional features preserved in the Rattlesnake Alluvial Fan at an outcrop on Mountain Drive in the City of Santa Barbara for indications of bedding orientation, stream channels, and current flow direction.

Findings

The contemporary interpretation of Mission Ridge as an anticline requires that the north dipping limb of the anticline include a north-northeast dipping "bedding plane" in the Rattlesnake Fan where exposed in the eastern portion of an outcrop along Mountain Drive in the City of Santa Barbara. Gurrola (2002, revised 2004) mapped a north-dipping bedding plain attitude in the eastern portion of the outcrop, and mapped the western portion of the outcrop as landslide deposits. This presentation summarizes evidence for an alternative interpretation of the outcrop indicating:

- The north dipping attitude in the eastern portion of the outcrop is a paleo-landslide surface;
- The western portion of the outcrop represents an intact portion of the Rattlesnake Alluvial Fan that has not been subjected to land sliding;
- The outcrop is not tilted to the northeast; and
- Paleo-depositional structures preserved in the western outcrop indicate a southeast dipping structural regime consistent with normal deposition in an alluvial fan.

Conclusions

1. The 3-dimensional view of bedding preserved in the outcrop indicates undeformed gently south sloping deposition, similar to that implied by imbrication data.
2. The northwest plunge of the imbricated gravel clasts indicates a southeast flow direction during deposition, and by implication, southeast dipping structure, consistent with field measurements from other areas of the fan.
3. The geomorphic evidence for a paleochannel located due south of the Mountain Drive outcrop indicates an ancestral stream, possibly Mission-Rattlesnake Creek, flowed south through this area.
4. Further evaluation of Mission Ridge and other implied folds in the South Coast area should be performed to verify the validity of the supporting data.

Speaker and Co-author:

Mr. Tracy graduated from Long Beach State University with a BS and MS in Geology and worked for UNOCAL from 1980 to 1986. He worked for a consulting firm from 1986 until 1991 when he was hired by the County of Santa Barbara, Public Works Department as an engineering geologist. He has all four registrations/certifications from the California Board for Geologists and Geophysicists.

Mr. Steele is currently an Associate Director Engineering Geologist/Hydrogeologist with Tetra Tech. His areas of expertise include engineering geology, geotechnical engineering, hydrogeologic studies, landfill closure/post-closure plans and monitoring, environmental site assessments, environmental remediation, and environmental planning studies under the California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA). He has extensive experience performing environmental assessment and remediation projects for subsurface contamination from underground fuel storage tanks (USTs) and other sources, and has designed and managed a diverse range of assessment and remediation projects for soil and groundwater contamination utilizing a wide variety of techniques. Mr. Steele's extensive geotechnical experience includes performing geohazard assessment/soil engineering studies and fault investigations for school construction projects, slope stability analysis for development projects and landfill closure/post closure plans. Over the last several years he has been involved in the development and implementation of innovative technologies for *in-situ* treatment of fuel and chlorinated solvent groundwater contamination using enhanced natural attenuation and chemical oxidation techniques, and has given presentations on innovative remediation technology projects at conferences sponsored by Battelle, the National Groundwater Association, Association of Environmental and Engineering Geologists, and the Association for Environmental Health and Sciences.

Chair Column

Roz Munro

We are trying a new venue for our meeting this month, the Courtyard by Marriott in Thousand Oaks (Newbury Road). Victorio's, where we held our May meeting, was a great venue, but it has been booked on our meeting nights since then. Our Treasurer Peter Thams has spent a lot of effort trying to find alternative meeting sites. If you have suggestions, please let us know.

Reminder:

Early registration for the 2008 annual meeting is Tuesday, August 12. If you have not already done so, be sure to register before this date to save money.

To register, go to AEG's web page (www.aegweb.org) and click on the Mardis Gras logo at the bottom. You will be taken to all the information about the meeting.

Also, the early deadline for making reservations at the JW Marriott Hotel is August 12. Call 504-525-6500 to make your reservations and be sure to let them know that you are a part of the "Assoc. of Engineering Geologists" (our code name) room block.

If you have any questions or have any problems making your reservation at the hotel, please be sure to contact Julie Keaton, AEG Meeting Director, aegjuliek@aol.com ASAP. Her number is 951-789-0271.

Announcement

Charles Nestle

The 2008 County of Los Angeles Building Code (Title 26) was expected to be available in technical book stores around the end of March. The new code may also be accessed at either of the following links: <http://www.bpcnet.com/codes/lacounty/> or <http://ordlink.com/codes/lacounty/index.htm>. Click on: "Title 26. Building Code."

Public Service Announcement

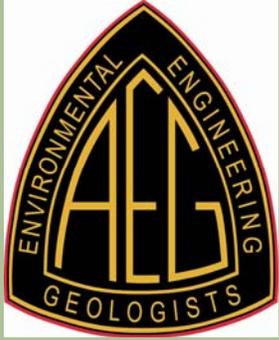
Charles Nestle

ZIP-A-DIPs Are Still Available!

How many of you have given up trying to find replacement for your faded and warped Zip-A-Dips? Zip-A-Dips are available from Don and Jeannine Lamar, who have lived in retirement in Reno for the past six years. Jeannine said that they don't plan on having any more made when they exhaust the present supply of Zip-A-Dips. She said, "It sure is nice to know that some geologists are still using ZADs."

Order your Zip-A-Dip by phone: (775) 322-5344. The price for 1 is \$4.00, or order 2-10 for \$3.50 ea., 11-49 for 3.00 ea., and 50+ for \$2.50 ea.

AEG Southern California Section



Tierra Rejada Golf Course

15187 Tierra Rejada Rd
Moorpark, CA 93021

Phone: (805) 531-9300

Friday, August 15, 2008

Cost: \$90 per player

Breakfast and registration begin at 9:00 AM

Tee Times Begin at 10:30 AM

Enjoy 18 holes of golf (including cart) with Breakfast

Cash Prizes:

- Longest Drive
- Closest to the Pin

Tel: 805-493-0663

Third Annual Golf Outing to Benefit the Martin Stout Fund 2 Man Scramble



This year's event will be held **Friday, August 15, 2008** at the well-manicured Tierra Rejada Golf Club in Moorpark.

Breakfast and registration begin at 9:00 AM with tees starting at 10:30 AM.

The cost for this event is **\$90**. This price includes entry into all events, 18 holes of golf with breakfast and various awards. Awards presentation directly following play in the clubhouse.

3rd Annual Golf Outing Registration Form

Enclosed is my payment for ____ player(s) at a cost of \$90 per player.

List Player Name(s): _____

Contact Number: _____ Email Address: _____

Total Amount Enclosed: \$ _____

Checks should be made payable to "AEG"

****Send this form along with payment to Peter Thams:**

3628 Gingerwood Court, Thousand Oaks, CA 91360**

Golf attire is required. Collared shirts and slacks. No steel spikes are allowed on the course.



AEG•2008

Laissez Les Bon Temps Rouler (Let the Good Times Roll!)

New Orleans, Louisiana

September 15-20, 2008 ~ JW Marriott Hotel

CALL FOR PAPERS
ABSTRACTS DEADLINE:
MAY 1, 2008
PLEASE SEND TO JULIE KEATON
E-mail: aegjuliek@aol.com
Or see www.aegweb.org

Technical Program

- Coastal/Floodplain Processes
- Construction Geology
- Dams/Levees
- Environmental Geology
- Forensic Geology
- Geophysics
- Geotechnics
- Groundwater
- Landslides/Slope Stability
- Professional Practice
- Remote Sensing/GIS
- Rock/Soil Mechanics
- Seismic Hazard
- Site Characterization
- Subsidence
- Tunneling

Symposia

- Hurricane Katrina and Mechanism of Failure
- New Madrid Earthquakes
- Coastal Geology and Coastal Hazards
- Environmental Remediation
- Coastal Protection – New Orleans
- Tunneling

Field Trips

- Slope Stability – Mississippi River Bluffs
- Hurricane Katrina Devastation Area
- Avery Island Salt Dome & Tabasco Tour
- Civil War Military Geology – Vicksburg Campaign
- Coastal Geology – Barrier Islands
- NASA – Stennis Space Center

Short Courses

- GIS
- OSHA 8-hour HAZWOPR Refresher
- Technical Photography

Guest Tours

- Good Morning New Orleans Walking Tour
- River Road Journey – Antebellum Life
- Garden District Tour with Lunch at Commander's Palace
- Honey Island Swamp – Eco Tour

Special Event

Mardi Gras Parade and Reception through the French Quarter – with the procession led by a traditional N'awlins jazz group.

COMMITTEE CHAIRS

General Chairs: James May (jmay1942@bellsouth.net)
 Darrel Schmitz (schmitz@ra.msstate.edu)
Field Trips: Michael J. Wright (mwright@mdot.state.ms.us)
Field Trip Guidebook Editors:
 Joel S. Kuszmaul (kuszmaul@olemiss.edu)
 Robert M. Holt (mholt@olemiss.edu)
Finance: Darrel Schmitz (schmitz@ra.msstate.edu)
 Colin McAneny (mcanenyd@bellsouth.net)
Hospitality / Guest Affairs:
 Peggi May (jmay1942@bellsouth.net)

Local Liaisons:
 Tom Westbrook (tmwklf@bellsouth.net)
 Burton Kemp (kaims@bellsouth.net)
Moderators / Keynote Speaker:
 Mike Seal (michael.c.seal@usace.army.mil)
Outstanding Environmental & Engineering Geologic Project:
 Evelyn Villanueva (Evelyn.Villanueva@erdc.usace.army.mil)
 Publicity: Jay Ferris (jferris@earthcon.net)

Short Courses: Chris Saucier (csaucier@cee.msstate.edu)
Special Event: Donna Schmitz (donna@ext.msstate.edu)
Sponsors: Ken Ruckstuhl (kruckstuhl@env-mgt.com)
Student Coordination: Greg Easson (geasson@olemiss.edu)
Symposia:
 Wayne Ispording (wisphord@jaguar1.usouthal.edu)
Technical Program:
 Dave Patrick (david_patrick@comcast.net)
 Don Banks, Vice Chair, donbanks@canuffy.net
Meetings Manager / Registration and Exhibitors:
 Julie C. Keaton (aegjuliek@aol.com)

Chapter Meetings

Inland Empire:

For the latest information and updates, please visit <http://www.aegsc.org/chapters/inlandempire/>

Central Coast:

Monthly meetings will take place on the last Wednesday of every month at Rusty's Pizza in Goleta. Social hour begins at 6 pm, the meeting begins at 7pm.

For the latest information and updates, please visit <http://www.aegsc.org/chapters/centralcoast/>

For more information or to be added to the CA Central Coast Chapter email list, please contact Robert Urban via email at robert_urban@urscorp.com.

San Diego:

For the latest information and updates, please visit <http://www.aegsc.org/chapters/extremesocal/>

National Business Donation

- **Platinum** - \$1,000
- **Gold** - \$500
- **Silver** - \$250

Company name, address and contact information are presented in AEG News and section receives 10% of donation. A national donation does not yield a line in our local section newsletter.

Company & Employment Advertising Newsletter (includes SoCal website posting)

	<u>Month</u>	<u>Year</u>
▪ Business Card	\$10	\$100
▪ ¼ Page	\$20	\$200
▪ ⅓ Page	\$30	\$300
▪ ½ Page	\$35	\$350
▪ Full Page	\$50	\$500

SoCal website posting only

\$20/month

* The deadline for submitting an advertisement for next month's newsletter is Friday, August 29th.

YEAR 2008 CONTRIBUTORS NEEDED

Contributions from corporations and individual members are greatly appreciated. Contributors will be listed in our newsletter throughout the year and can post their logo or business card in the newsletter if so desired. Please mail contributions made out to **AEG** to our section treasurer, Peter Thams.

2009 MEMBERSHIP RENEWAL

For those of you who have not yet renewed (**the deadline is November 1**), are unsure about your membership status, or did not receive your membership dues statement, please contact AEG Headquarters at www.aegweb.org. You can renew your membership online. Please update your membership if you wish to continue to receive future issues of the newsletter.

*****NOTICE: Proposed New AEG Publication*****

WHO'S WHO in SO CALIFORNIA ENGINEERING GEOLOGY
The Evolution of Engineering Geology in Southern California

Have you ever wondered "Whatever happened to___?" or "I've heard of ___, who is he?"

The undersigned have decided to try to prepare an internet publication with the above title, which will include biographies of engineering geologists in southern California. We would like you to share your biography (autobiography) with other EGs. If you have worked on an interesting project, others would like to know about it.

If we limit each autobiography to 3 pages of text, plus photos, this publication would be more than 1,000 pages long. Therefore, we plan to utilize a proposed new AEG Foundation internet website, where there is no limit to total pages, and we can use color photos. Also, this new website will be available for no-charge access, worldwide, thus spreading the word on the history and evolution of engineering geology, and southern California's immense contribution.

We suggest (not require) three criteria for inclusion: 1. That you are a CA licensed CEG; 2. That you are now or once were a member of AEG; 3. That you have enough years of professional experience to relate one or more significant projects you have worked on. We believe there are more than 250 such EGs in southern California. This will be an evolving internet site where new autobiographies can be added.

We will also include Memorial biographies of past notable geologists in southern California. So far, we have identified 30, including John Buwalda, Ian Campbell, Tom Dibblee, Rollin Eckis, Perry Ehlig, Richard Jahns, John Mann, F.L. Ransome, Charles Richter, Dottie & Marty Stout, Gene Waggoner. Biographies of 14 of these notable geologists were published for the recent AEG Annual Meeting, in "History of the Association's First 50 Years," available from AEG HQ, contact Julie Keaton or Becky Roland.

Here is a CHECKLIST FOR YOUR AUTOBIOGRAPHY:

Complete NAME, address, phone, email; BIRTH DATE and place; UNIVERSITY(s) attended, major(s), degree(s), year(s); MILITARY service; FIRMS/AGENCIES you worked for; up to 3 significant PROJECTS you worked on; possibly relate a serious or humorous INCIDENT; a MENTOR you may wish to acknowledge; professional SOCIETIES, HONORS, AWARDS; HOBBIES; up to 5 PUBLICATIONS; PHOTOS of yourself and of projects (scanned images preferred).

So, if you wish to be included in this new internet publication, prepare your autobiography and email it with photos to: allen@hatheway.net and in the Subject box, type: So. Cal. Geologist. Or mail it to Allen Hatheway, 10256 Stoltz Dr., Rolla, MO 65401. Please, no more than 3 pages of text, single-spaced, Times New Roman, 12 pt.

Please pass this notice on to those you may know who no longer get this Newsletter.

In the spirit of camaraderie, we thank you,

Richard Proctor
 Allen Hatheway
 David Rogers
 Larry Cann
 Bob Lynn

EMPLOYMENT OPPORTUNITIES & ADVERTISING



LGC Valley, Inc.

LGC Valley, Inc.

2045 Royal Avenue, Ste. 125

Simi Valley, CA 93065

Tele: (805) 579-3434 Fax: (805) 579-3435

Email: kesmond@lgcgeo.com

Website: www.lgcgeo.com

Please look to our website for the latest opportunities. All inquiries will be held in the utmost confidence. We look forward to hearing from you.

Immediate Opening for Groundwater Geologist

Entry level to a few years of experience;

Minimum need is BA/BS in Geology;

Field & office work on water wells and groundwater resources; local office in Studio City, CA;

Computer skills required, including Microsoft office (Excel, Word), MapInfo and GIS experience desired.

Please contact:

Richard Slade

Richard C. Slade & Associates LLC

Consulting Groundwater Geologists

(818) 506-0418

or email resume to:

b.georgeson@rcslade.com

JOIN NINYO & MOORE

Company Profile

Since 1986, clients have turned to Ninyo & Moore for complex geotechnical and environmental challenges. As a leading geotechnical and environmental sciences engineering and consulting firm, Ninyo & Moore provides specialized services including evaluations for airports, bridges, commercial developments, dams, educational facilities, harbor and offshore structures, highways and roadways, hospitals, industrial developments, landfills, light rail transit lines, pipelines, power stations, railroads, residential developments, reservoirs and tanks, transmission lines, tunnels, water and wastewater treatment plants to clients in both the public and private sectors. With offices in Colorado, California, Nevada, Arizona, and Texas, the firm is fully committed to being responsive, cost-efficient, and thorough in meeting its clients' project needs and objectives.



Available Positions:

- ✓ **CENTENNIAL:** Chief Geotechnical Engineer, Construction Field Technicians and Inspectors, Environmental Engineer/Scientist-Air Quality Specialist, Field Technician-Materials Testing, and Project Engineer/Geologist.
- ✓ **IRVINE:** Asbestos & Lead Professional, Environmental Engineer/Scientist-Air Quality Specialist, Environmental Project Manager, Project Engineer/Geologist, Senior Environmental Engineer, Senior Staff Engineer/Geologist, Senior Staff Environmental Scientist, Staff Engineer/Geologist, and Staff Environmental Scientist.
- ✓ **LAS VEGAS:** Asbestos & Lead Professional, Construction Field Technicians & Inspectors, Geotechnical Engineer, Project Engineer/Geologist, Senior Project Engineer, and Staff Engineer/Geologist.
- ✓ **OAKLAND:** Field Special Inspectors, Project Environmental Geologist, Scientist or Engineer, Project Geotechnical Engineer, Senior Environmental Engineer and Senior Geotechnical Engineer.
- ✓ **PHOENIX:** Construction Field & Laboratory Technician, Geotechnical Engineer/Engineering Geologist, Project Environmental Scientist, Project Manager-Construction Materials Testing, Senior Environmental Professionals, Senior Staff Environmental Scientist, and Technical Assistant.
- ✓ **SAN DIEGO:** Administrative Assistant, Construction Field & Laboratory Technicians, Project Engineer/Geologist, Senior Geotechnical Engineer, and Staff Engineer.



Successful candidates should have a BS or MS degree for staff-level positions and five years or more of experience for project to senior-level positions. The candidates should be detailed oriented and have excellent verbal and written communication skills. Professional Engineer (PE) and/or Professional Geologist (PG) registrations are preferred for project or senior positions.

Ninyo & Moore offers excellent benefits and great opportunities for professional growth. Please visit our website for complete and detailed job descriptions and to submit your resume in confidence at www.ninyoandmoore.com/careers.html or mail to our corporate office at 5710 Ruffin Road, San Diego, CA 92123, Attention: Human Resources. EOE

www.ninyoandmoore.com

Ninyo & Moore is an equal opportunity employer.



**COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
JOB OPPORTUNITY**



POSTING DATE: August 4, 2008

EXAM NUMBER C-4362-G	ENGINEERING GEOLOGY ASSISTANT
FILING DATES	Beginning Tuesday, August 5, 2008, between 7:00 a.m. and 5:30 p.m. This examination will remain open until the needs of the service are met and may be closed at any time without advanced notice.
SALARY	\$4,868.00 - \$6,047.55 Monthly \$5,014.18 - \$6,229.18 Monthly (Effective 01/01/09)
REQUIREMENTS	<p>Minimum Requirements: Graduation from an accredited college* with specialization in geology or engineering geology.</p> <p>License: A valid California Class C Driver License is required to perform job-related essential functions. Appointees may be required to provide automobiles and drive them in the County service at the rate of compensation allowed by the Board of Supervisors.</p> <p>Physical Class III – Moderate: Includes standing or walking most of the time, with bending, stooping, squatting, twisting, and reaching; includes working on irregular surfaces, occasionally lifting objects weighing over 25 pounds, and frequent lifting of 10-25 pounds.</p>
ADDITIONAL REQUIREMENTS	<p>*Accredited Institutions are those listed in the publications of regional, national or international accrediting agencies which are accepted by the Department of Human Resources. Publications such as <u>American Universities and Colleges</u> and <u>International Handbook of Universities</u> are acceptable references. Also acceptable, if appropriate, are degrees that have been evaluated and deemed to be equivalent to degrees from United States accredited institutions by an academic credential evaluation agency recognized by <u>The National Association of Credential Evaluation Services</u> or <u>Association of International Credential Evaluators, Inc.</u></p> <p>APPLICANTS MUST PROVIDE A COPY OF THEIR COLLEGE TRANSCRIPTS AT TIME OF FILING. Unofficial transcripts are acceptable. Applications submitted without required transcripts will be rejected as incomplete.</p> <p>License Information: Successful applicants for this position will be required to obtain a copy of his/her driving record from the California State Department of Motor Vehicles before being appointed. A copy of your driving record must be presented at the time of your appointment. License must not be suspended, restricted, or revoked. AN APPLICANT WHOSE DRIVING RECORD SHOWS FOUR OR MORE MOVING VIOLATIONS WITHIN THE LAST TWO YEARS WILL NOT BE APPOINTED.</p>
EXAMINATION INFORMATION	This examination will consist of an interview covering education, experience, personal fitness and general ability to perform the duties of the position weighted 100%. Candidates must achieve a passing score of 70% or higher on the interview in order to be placed on the eligible register.
ELIGIBLE INFORMATION	The names of eligible candidates receiving a passing grade in the examination will be placed on the eligible register in the order of their score group and, unless appointed, for a period of twelve months following the date of eligibility. NO PERSON MAY COMPETE IN THIS EXAMINATION MORE THAN ONCE EVERY TWELVE MONTHS.
VACANCY INFORMATION	The resulting eligible register for this examination will be used to fill vacancies in the Department of Public Works, Geotechnical and Materials Engineering Division.
ESSENTIAL JOB FUNCTIONS	An Engineering Geology Assistant is responsible for performing a combination of the following essential job functions: assists in conducting engineering geological investigations and Phase I/II environmental site assessments; reviews existing geologic and environmental literature to determine potential geologic and environmental concerns affecting a project site; provides geologic logging of 24" diameter boreholes, hollow-stem auger borings and backhoe trenches; operates and maintains electronic equipment used in geologic investigations and environmental assessments; provides field mapping for preparation of geologic maps and cross sections; interprets data observed from stereo pairs of aerial photographs; conducts inspections of construction projects to verify anticipated conditions; conducts meetings, discussions, and other communications with consultants, engineers, etc.; determines rock type and engineering characteristics of field samples; evaluates and analyzes geologic and environmental data to develop conclusions and recommendations for construction projects; prepares all necessary equipment and supplies and performs groundwater monitoring at County facilities; and drives vehicles to and from work sites.

*******IMPORTANT INFORMATION*******

Engineering Geology Assistant
Exam#: C-4362-G

Bulletin# 690-08-065

BENEFITS

Paid Sick Benefits, Retirement Plans, Paid Vacation & Holiday, and Health & Dental Plans. Forty-hour, four day (4/40) work week is standard for most assignments. Other assignments may be 9/80 or 5/40 schedules.

SUBMITTING YOUR APPLICATION

All applicants are required to submit a Standard County of Los Angeles Employment Application. **You have the option of filing your application either by Hard Copy submission - OR - Online (via electronic submission). Please select only one method to file your application.**

This examination will remain open until the needs of the service are met and is subject to closure without prior notice. Application filing may be suspended at any time without advanced notice.

Instructions for Filing Online: The Standard County of Los Angeles Employment Application for this examination may be completed online and submitted electronically beginning Tuesday, August 5, 2008. Applications electronically received after 5:30 p.m., PST on the last day of filing will not be accepted. **To apply online, click on the link below the filing address.**

https://easier.co.la.ca.us/easier/applicant/applicant_logon.cfm?exid=1282

Applicants, who apply Online, must either upload required documents as attachments during application submission or fax a photocopy of the required documents to (626) 979-5440 within five (5) business days of filing Online. Please include your Name, the Exam Number and the Exam Title on faxed documents.

Instructions for Hard Copy Submission: All applicants for County positions are required to submit a Standard County of Los Angeles Employment Application with an original signature and date; resumes cannot be accepted in lieu of applications, although resumes may be attached to applications. Standard County of Los Angeles Employment Applications are available at the Department of Public Works address listed below or can be found at <http://easier.co.la.ca.us/JobInfo/empapp.pdf>.

Applications **MUST** be submitted **ONLY** at the Department of Public Works, Human Resources Division, located at 900 South Fremont Avenue, Lobby Floor, Alhambra, CA 91803-1331, Monday through Thursday **ONLY**, between 7:00 a.m. and 5:30 p.m., beginning Tuesday, August 5, 2008. Please note this office is closed on Fridays.

COMPLETING YOUR APPLICATION

The acceptance of your application will depend on whether you have clearly shown that you meet the Minimum Requirements. Please be sure your application shows complete information, including dates for education and jobs held which relate to this position. In the space provided for education, include the names and addresses of schools attended, titles of courses completed, dates completed, and number of credits earned. For each job held, give the name and address of your employer, your job title, beginning and ending dates, description of work performed, and salary earned. All information supplied by applicants is subject to verification.

DISABILITY ACCOMMODATIONS

All positions are open to qualified men and women. Pursuant to the Americans with Disabilities Act of 1990, persons with disabilities who believe they need reasonable accommodation, or help in order to apply for a position, may contact the ADA coordinator at (626) 458-2136. **HEARING-IMPAIRED APPLICANTS WITH TDD EQUIPMENT** may leave typewritten messages at (626) 282-7829.

EMPLOYMENT ELIGIBILITY INFORMATION

Final appointment is contingent upon verification of U.S. Citizenship or the right to work in the United States. Immigration law requires that all persons hired after November 6, 1986 are required to present original documents to the County, **within three (3) business days** of hiring, which show satisfactory proof of: 1)identity and 2)U.S. employment eligibility.

AN EQUAL OPPORTUNITY EMPLOYER

It is the policy of the County of Los Angeles to provide equal employment opportunity for all qualified persons, regardless of race, religion, gender, national origin, age, sexual orientation or disability. All County of Los Angeles employees must successfully pass a medical examination prior to final appointment.

SOCIAL SECURITY ACT OF 2004

Section 419 (c) of Public Law 108-203, the Social Security Protection Act of 2004, requires State and local government employers to disclose the effect of the Windfall Elimination Provision and the Government Pension Offset Provision to employees hired on or after January 1, 2005, in jobs not covered by Social Security. The County of Los Angeles does not participate in the Social Security System. All newly hired County of Los Angeles employees must sign a statement (Form SSA-1945) prior to the start of employment indicating that they are aware of a possible reduction in their future Social Security benefit entitlement. For more information on Social Security and about each provision, you may visit the website www.socialsecurity.gov, or call toll free 1-800-772-1213. Persons who are deaf or hard of hearing may call the TTY number 1-800-325-0778 or contact a local Social Security office.

CHILD SUPPORT COMPLIANCE

In an effort to improve compliance with court-ordered child, family, and spousal support obligations, certain employment and identification information (e.g. name, address, Social Security Number, and data of hire) is regularly reported to the State Directory of New Hires which may assist in locating persons who owe these obligations. Family Code Section 17512 permits under certain circumstances for additional employment and identifying information to be requested. Applicants will not be disqualified from employment based on this information.

VETERAN'S PREFERENCE CREDIT

Veterans Preference Credit of 10 points will be added to the final passing grade in any open competitive examination if you are an honorably discharged veteran who served in the Armed Forces of the United States:

- a. During a declared war; or
- b. During the period April 28, 1952 through July 1, 1955; or
- c. For more than 180 consecutive days, other than for training, any part of which occurred after January 31, 1955, and before October 15, 1976; or
- d. In a campaign or expedition for which a campaign medal or expeditionary medal has been authorized and awarded.

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**COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
JOB OPPORTUNITY**



POSTING DATE: August 4, 2008

ENGINEERING GEOLOGIST

EXAM NUMBER
C-4371-L

FILING DATES

Beginning Tuesday, August 5, 20068 between 7:00 a.m. and 5:30 p.m. This examination will remain open until the needs of the service are met and may be closed at any time without advanced notice.

SALARY

\$7,168.36 - \$7,990.36 Monthly
\$7,383.82 - \$8,229.82 Monthly (Effective 01/01/09)

REQUIREMENTS

Minimum Requirements: California State Certificate of Registration as an Engineering Geologist.*

License: A valid California Class C Driver License or the ability to utilized alternative method of transportation when needed to carry out job-related essential functions.

Physical Class III – Moderate: Includes standing or walking most of the time, with bending, stooping, squatting, twisting, and reaching; includes working on irregular surfaces, occasionally lifting objects weighing over 25 pounds, and frequent lifting of 10-25 pounds.

ADDITIONAL
REQUIREMENTS

***INSTRUCTIONS FOR COMPLETING YOUR APPLICATION:** The acceptance of your application will depend on whether you have clearly shown that you meet the minimum requirements. In Section 11 of your application, be sure to give title of registration, number, issue date, date of expiration, and name of issuing agency.

****APPLICANTS MUST PROVIDE A COPY OF THEIR COLLEGE TRANSCRIPTS AT TIME OF FILING.** Unofficial transcripts are acceptable. Applications submitted without required transcripts will be rejected as incomplete.

Accredited Institutions are those listed in the publications of regional, national or international accrediting agencies which are accepted by the Department of Human Resources. Publications such as American Universities and Colleges and International Handbook of Universities are acceptable references. Also acceptable, if appropriate, are degrees that have been evaluated and deemed to be equivalent to degrees from United States accredited institutions by an academic credential evaluation agency recognized by The National Association of Credential Evaluation Services or Association of International Credential Evaluators, Inc.

License Information: Successful applicants for this position will be required to obtain a copy of his/her driving record from the California State Department of Motor Vehicles before being appointed. A copy of your driving record must be presented at the time of your appointment. License must not be suspended, restricted, or revoked. **AN APPLICANT WHOSE DRIVING RECORD SHOWS FOUR OR MORE MOVING VIOLATIONS WITHIN THE LAST TWO YEARS WILL NOT BE APPOINTED.**

EXAMINATION
INFORMATION

This examination will consist of an interview covering education and experience, personal fitness and general ability to perform the duties of the position weighted 100%. Candidates must achieve a passing score of 70% or higher on the interview in order to be placed on the eligible register.

ELIGIBLE
INFORMATION

The names of candidates receiving a passing grade in the examination will be placed on the eligible register and, unless appointed, will appear in the order of their score group for a period of twelve (12) months following the date of eligibility. **NO PERSON MAY COMPETE IN THIS EXAMINATION MORE THAN ONCE EVERY TWELVE (12) MONTHS.**

VACANCY
INFORMATION

The resulting eligible register for this examination will be used to fill vacancies in the Department of Public Works, Geotechnical & Materials Engineering Division.

ESSENTIAL JOB
FUNCTIONS

An Engineering Geologist is responsible for performing a combination of the following essential job functions: conducts engineering geological investigations and Phase I/II environmental site assessments (A Phase I Environmental Site Assessment (ESA) documents the presence of recognized environmental concerns in accordance with current standard practice and Federal regulations prior to the acquisition of property, right-of-way or easements by the County; A Phase II ESA documents the presence of subsurface contaminants, in accordance with current standard practice and government regulations through the use of drilling or other investigative method along with collection and analyses of soil and/or groundwater samples followed by evaluation and interpretation of data to form conclusions and recommendations); prepares geologic and environmental investigative reports; performs and evaluates hydrogeologic investigations; reviews, evaluates, and field checks plans for development projects; provides technical review of engineering geologic reports and Phase I/II environmental site assessments for development projects; conducts grading and construction inspections of projects to verify anticipated conditions; conducts meetings, discussions, and other communications with consultants, developers, engineers, etc.; determines the most appropriate exploratory techniques to use for a given project; prepares and analyzes cost estimates for geologic investigations and environmental site assessments; evaluates and analyzes geologic and environmental data to develop conclusions and recommendations for development projects; prepares bid specifications, evaluates bid responses and oversees geologic and environmental work performed on County projects by outside consultants; and drives vehicles to and from worksites.

*******IMPORTANT INFORMATION*******

Engineering Geologist
Exam#: C-4371-L

Bulletin# 690-08-066

BENEFITS

Paid Sick Benefits, Retirement Plans, Paid Vacation & Holiday, and Health & Dental Plans. Forty-hour, four day (4/40) work week is standard for most assignments. Other assignments may be 9/80 or 5/40 schedules.

SUBMITTING YOUR APPLICATION

All applicants are required to submit a Standard County of Los Angeles Employment Application. **You have the option of filing your application either by Hard Copy submission - OR - Online (via electronic submission). Please select only one method to file your application.**

This examination will remain open until the needs of the service are met and is subject to closure without prior notice. Application filing may be suspended at any time without advanced notice.

Instructions for Filing Online: The Standard County of Los Angeles Employment Application for this examination may be completed online and submitted electronically beginning Tuesday, August 5, 2008. Applications electronically received after 5:30 p.m., PST on the last day of filing will not be accepted. **To apply online, click on the link below the filing address.**

https://easier.co.la.ca.us/easier/applicant/applicant_logon.cfm?exid=1281

Applicants, who apply Online, must either upload required documents as attachments during application submission or fax a photocopy of the required documents to (626) 979-5440 within five (5) business days of filing Online. Please include your Name, the Exam Number and the Exam Title on faxed documents.

Instructions for Hard Copy Submission: All applicants for County positions are required to submit a Standard County of Los Angeles Employment Application with an original signature and date; resumes cannot be accepted in lieu of applications, although resumes may be attached to applications. Standard County of Los Angeles Employment Applications are available at the Department of Public Works address listed below or can be found at <http://easier.co.la.ca.us/JobInfo/empapp.pdf>.

Applications **MUST** be submitted **ONLY** at the Department of Public Works, Human Resources Division, located at 900 South Fremont Avenue, Lobby Floor, Alhambra, CA 91803-1331, Monday through Thursday **ONLY**, between 7:00 a.m. and 5:30 p.m., beginning Tuesday, August 5, 2008. Please note this office is closed on Fridays.

COMPLETING YOUR APPLICATION

The acceptance of your application will depend on whether you have clearly shown that you meet the Minimum Requirements. Please be sure your application shows complete information, including dates for education and jobs held which relate to this position. In the space provided for education, include the names and addresses of schools attended, titles of courses completed, dates completed, and number of credits earned. For each job held, give the name and address of your employer, your job title, beginning and ending dates, description of work performed, and salary earned. All information supplied by applicants is subject to verification.

DISABILITY ACCOMMODATIONS

All positions are open to qualified men and women. Pursuant to the Americans with Disabilities Act of 1990, persons with disabilities who believe they need reasonable accommodation, or help in order to apply for a position, may contact the ADA coordinator at (626) 458-2136. **HEARING-IMPAIRED APPLICANTS WITH TDD EQUIPMENT** may leave typewritten messages at (626) 282-7829.

EMPLOYMENT ELIGIBILITY INFORMATION

Final appointment is contingent upon verification of U.S. Citizenship or the right to work in the United States. Immigration law requires that all persons hired after November 6, 1986 are required to present original documents to the County, **within three (3) business days** of hiring, which show satisfactory proof of: 1) identity and 2) U.S. employment eligibility

AN EQUAL OPPORTUNITY EMPLOYER

It is the policy of the County of Los Angeles to provide equal employment opportunity for all qualified persons, regardless of race, religion, gender, national origin, age, sexual orientation or disability. All County of Los Angeles employees must successfully pass a medical examination prior to final appointment.

SOCIAL SECURITY ACT OF 2004

Section 419 (c) of Public Law 108-203, the Social Security Protection Act of 2004, requires State and local government employers to disclose the effect of the Windfall Elimination Provision and the Government Pension Offset Provision to employees hired on or after January 1, 2005, in jobs not covered by Social Security. The County of Los Angeles does not participate in the Social Security System. All newly hired County of Los Angeles employees must sign a statement (Form SSA-1945) prior to the start of employment indicating that they are aware of a possible reduction in their future Social Security benefit entitlement. For more information on Social Security and about each provision, you may visit the website www.socialsecurity.gov, or call toll free 1-800-772-1213. Persons who are deaf or hard of hearing may call the TTY number 1-800-325-0778 or contact a local Social Security office.

CHILD SUPPORT COMPLIANCE

In an effort to improve compliance with court-ordered child, family, and spousal support obligations, certain employment and identification information (e.g. name, address, Social Security Number, and data of hire) is regularly reported to the State Directory of New Hires which may assist in locating persons who owe these obligations. Family Code Section 17512 permits under certain circumstances for additional employment and identifying information to be requested. Applicants will not be disqualified from employment based on this information.

VETERAN'S PREFERENCE CREDIT

Veterans Preference Credit of 10 points will be added to the final passing grade in any open competitive examination if you are an honorably discharged veteran who served in the Armed Forces of the United States:

- a. During a declared war; or
- b. During the period April 28, 1952 through July 1, 1955; or
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Stephen Varnell, P.G.
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Ventura, CA 93003
805-650-7000
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