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September Speaker:
Mr. Austin Marshall
Mine Superintendent, Mitsubishi Cement Corporation

Overview of Mining Practices at Mitsubishi Cement Corporation—Part II

Abstracts

The last presentations concluded with the future of mining operations at Mitsubishi Cement Corp. and further developing reserves. This talk will get into the details of exploring for high grade calcium carbonate deposits in close proximity to the existing plant. The main focus will include exploration drilling through the permitting process and where we are today in attaining the reserves needed to prolong the life of the Mitsubishi Cement operations. This is the same presentation from the SME and SCGS meetings previously this year.

Mr. Austin Marshall is the Mine Superintendent for Mitsubishi Cement Corporation in Lucerne Valley, CA. Austin has been with Mitsubishi for 7 years, having hired in as a summer intern while finishing B.S. degrees in general geology and environmental geology at California State University. He has worked on projects at the Mountain Pass rare earth elements mine near the Nevada-California state line, the pinnacles lead-zinc mine in NSW, Australia and performed assessments on aggregate resources in Jean and Sloan, Nevada as well as assessments on gypsum reserves outside Las Vegas and iron reserves near Baker. Austin is an active member of the Association of Engineering Geologists, Inland Geologic Society, Society of Mining Metallurgy and Exploration, Portland Cement Assoc. and the Big Bear Chamber of Commerce. Austin is also an active member of the United States Air Force and Air Force Reserve with 16 consecutive years of service.
Upcoming Meetings/Events

**Rock & Gem Shows—Various locations**
Various rock and mineral shows will be throughout So. California. To find one near you, visit [www.rockngem.com/showdates.asp](http://www.rockngem.com/showdates.asp)

**South Coast Geological Society Meeting**
Dr. Shawn Maxwell of Schlumberger, will present a talk on “Microseismic Imaging of Hydraulic Fractures: Snap, Crackle and Pops of Shale Reservoirs” on **Monday, September 10, 2012** at the DoubleTree Club Hotel in Santa Ana, CA. For more info., visit [www.southcoastgeo.org](http://www.southcoastgeo.org)

**AEG—So. California Chapter Meeting**
Dr. Scott Burns, AEG 2011-2012 Richard H. Jahns Distinguished Lecturer, will be presenting a talk on “Urban Landslides—Challenges to Forensic Engineering Geologists” on **Tuesday, September 4, 2012** at the Double Tree Club Hotel in Santa Ana, CA. For more info, visit [www.aegsc.org](http://www.aegsc.org)

**San Diego Assoc. of Geologists Meeting**
Dr. David Lynch will present a talk on the “Fumaroles Recently Exposed by the Shrinking Salton Sea, Imperial County, California” on **Wednesday, September 19, 2012**. For more info, visit [www.sandiegogeologists.org](http://www.sandiegogeologists.org)

**Groundwater Resources Assoc. of CA**
GRAC will be offering a GRACast Web Conference on “An Approach to Organize and Interpret Compound Specific Isotope Analysis Data at Chlorinated Solvent Sites” on **Tuesday, September 18, 2012**. For more info, visit [www.grac.org/csiacast.asp](http://www.grac.org/csiacast.asp)

**San Diego Assoc. of Geologists Meeting**
SDAG will be holding their October meeting on **Wednesday, October 17, 2012**. For more info, visit [www.sandiegogeologists.org](http://www.sandiegogeologists.org)

**Los Angeles Basin Geological Society**
Donald R. Prothero, Natural History Museum of Los Angeles, will be presenting a talk at the next meeting on **September 27, 2012**. For more info, visit [www.labgs.org](http://www.labgs.org)

**IGS Meeting Schedule**

- **October 4, 2012 (Thursday)**
  Thom Deane, Deane Consulting
  *Part II—The surface water outflow from the Orange Crest/Mission Grove (OCMGA) area of Riverside, CA*

- **November 7, 2012 (Wednesday)**
  Dr. David Lynch, USGS, Pasadena
  *Color and Light of Nature*

- **December 6, 2012 (Thursday)**
  Jennifer Kurashige, Graduate Student
  *TBA*
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