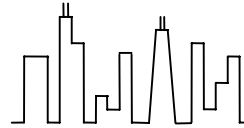


CHICAGO SECTION NEWSLETTER

May 2004



Newsletter of the Chicago Section of the Society for Mining, Metallurgy, and Exploration, Inc. - Founded Spring 1987 - www.chicagosme.org

MEETING: Wednesday, June 2, 2004

Topic: “Aggregate Reserves: Planning and Value”

Guest Speaker: Art Pincomb, President
Associated Geologists

Time: 5:30 PM Social Hour
6:30 PM Dinner
7:30 PM Speaker

Place: **Golden Duck Restaurant & Bar Bohemian-American Home Cooking**
500 Ogden Avenue, Downers Grove, IL. Telephone 630-968-8887

Directions:

From I-294: Exit at I-88 Westbound, Pay 40 cent Toll, Exit at Route 83 South, Route 83 South to Ogden Avenue, Ogden Avenue West to Just Past Fairview Avenue on Right (North Side)

From I-290 Westbound: Exit at Route 83 South, Route 83 South to Ogden Avenue, Ogden Avenue West Just Past Fairview Avenue on Right (North Side)

From I-88 Eastbound: Exit at Highland Avenue, Left to Southbound on Highland Avenue to Ogden Avenue, Left to East on Ogden Avenue, East to Restaurant on Left (North Side) Just Past Dunkin Donuts

From I-355: Exit to I-88 Eastbound, Exit at Highland Avenue, Left to Southbound on Highland Avenue to Ogden Avenue, Left to East on Ogden Avenue, East Restaurant on Left (North Side) Just Past Dunkin Donuts

Menu: Entrees will be; Boiled beef with dill gravy, Pork Medallions & praha and Chicken. Side items will be dumplings, mashed potatoes, sauerkraut, cabbage, vegetable, coffee/tea and dessert. Service will be family style.

Cost: \$25 for dinner/meeting for Members, \$30 for Non-Members. Any science teachers or professors are considered a guest of the Section and will get dinner free. Student's dinners will only be \$5.

Call: Sarah Schlichholz of Continental Placer, Inc. at 630-469-6340x109
or E-mail at sschlic@continentalplacer.com anytime up to morning of meeting.



From the Chairman:

Once again, we are approaching the end of another SME Section meeting year. I think in summary, we have had an excellent opportunity to learn about new and innovative ideas and the implementation of some old well-established concepts. Our speakers and presenters have provided us with good food for thought. I thank them for their efforts on our behalf. On average, we have had good consistent meeting attendance with a core group of members. Generally, I was disappointed that we did not get much variation of attendees from that core. But the camaraderie of our group is great and I appreciate the opportunity to meet with you on a regular basis. We have developed good friendships over the years. Our section has contributed to several good causes this year, the science teachers' workshop, Washington Award, Chicago, IL Junior Academy of Science and the Chicago Chapter of Junior Achievement. It has been an honor and pleasure working with all of you as your Chair. I look forward to our association in the future. As a final note, we are still working on a mine tour. I'll let you all know the details as we get them fleshed out.



Thanks.

-Gordie

From the Program Chairman

At This Meeting: Aggregate Reserves: Planning and Value

How is acreage converted into reserves of stone or sand and gravel? How are mineable tons in the ground converted to tons sold across the scale? What are proven and probable reserves, and how many drill holes are needed to prove a reserve? How many tons should a deposit contain, and if there aren't enough, how many more acres should be purchased or leased? Can an aggregate price, net income, or royalty rate be simply multiplied by the mineable tons to arrive at a value for the reserves? This presentation provides some answers to these questions

The Speaker

Art Pincomb is a geologist and appraiser. He received his B.S. Degree in Geology from the University of Kansas in 1973 and a Masters Degree in Geology from the University of Montana in 1975. Currently, he is President of Associated Geologists, Inc. in Geneva, Illinois.

His experience includes 16 years in construction materials and industrial minerals and 12 years in precious and base metals and energy minerals. He routinely performs mineral property appraisals, market studies, reserve estimates and quality analyses. He is certified by the American Society of Appraisers as a Mines & Quarries Appraiser, and is certified by the State of Illinois as a General Real Estate Appraiser. He has acted as Expert Witness in numerous condemnations, tax appeals and zoning hearings involving mines, quarries and mineral properties.

Art is also a long time member of the Chicago Section.

Last Meeting

Hamilton White of Vulcan Materials and **Gary O'Toole** of Material Service Corp teamed to present an example of "How Companies Can Work Together to Enhance Public Relations" using problems faced in recent years at the McCook and Federal quarries near I-55, SW of Chicago. These companies have faced the same issues in the same community for many years. A few years

ago the two companies cooperatively created the Lyons Township Advisory Council to jointly address the issues they both face working in an urban environment, including blasting, noise, dust, new legislation and road conditions. The approach has worked well, with the number of complaints steadily decreasing since the start of the program. The formula has been used since with success at other quarry locations around the Chicago area by both companies. The system involves work, a willingness to listen to the other side, a long-term commitment to respond to all complaints by upper management. The approach does work at helping to solve a major PR problem most of us in the mining industry have to face. The speakers are willing to answer questions about their program if you need further information.

The meeting was well attended, and included in the group **Adam Madison**, a journalist from Rock Products magazine, who left with both notes and photographs. Keep an eye on future issues of Rock Products to see if the Chicago SME Section gets some national exposure!

By Rick Ackermann

ALSO AT THIS MEETING:

ELECTION OF OFFICERS

Nominations to Date:

The floor will be open for additional nominations.

Elected Positions

Chair	Gordie Stevens
Vice-Chair	John Head
Secretary	John Magyar
Treasurer	Steve Tivy

Appointed Positions

Gem Coordinator	Anne Leslie
Newsletter Editor	Rick Ackermann
Website Coordinator	Sarah Schlichtholz
Program Chair	Frank Kendorski

OUR NEXT MEETING:

Help us pick the meeting day and place for this fall!

After this meeting the Chicago Section of the SME will be taking a recess for the summer. Our next SME section meeting will be in September with the day, date and speaker to be selected. We would welcome your comments on which day of the week to schedule the meeting next year that would make it easier for you our members to attend the meetings. The Section is also considering a change of meeting location and is greatly encouraging suggests of your favorite restaurant. Send your suggestions in to Gordie Stevens, John Head Steve Tivy or Rick Ackermann. Phone numbers or e-mail addresses can be found at the end of the newsletter, or at our website link: <http://www.chicagosme.org/officers.htm> We hope to see all of you sometime next fall.

UPCOMING MEETINGS & EVENTS

For your schedules

MINExpo 2004
The Equipment Show
National Mining Association
September 27-30, 2004
Convention Center
Las Vegas, NV

This show, which takes over the Las Vegas convention center, is one of the largest mining equipment shows in the world, and only occurs every fourth year. The last show in 2000 had over 35,000 in attendance from all over the globe, with hundreds of exhibitors. There are also technical sessions and short courses in conjunction with the show. Show fee is only \$175.

Check out the sessions, seminars and exhibitors on the web at:

<http://www.minexpo.com>

NSSGA Dredge Seminar
 June 13-15
 Columbus, Ohio
 Contact: Steve Lenker, NSSGA
 Telephone (800) 342-1415
 Fax: (703) 525-7782

E-mail: slenker@nssga.org

Web: www.nssga.org

The conference runs from Sunday night through Tuesday, and includes tours of three dredging operations -- *Editor*

CONEXPO-CON/AGG 2005

March 15-19, 2005
Las Vegas, USA

CONEXPO-CON/AGG 2005 will be the world's largest international gathering place in 2005 for the construction and construction materials industries, showcasing the latest equipment, services and technologies.

Check out the information at
<http://www.conexpoconagg.com/>

From The PIE & GEM Committees

CHICAGO SME Gives Donations to Two Local Organizations

The Executive Committee of the Chicago SME recently approved donations to two worthy organizations. The donations were to the Junior Achievement of Chicago for \$250 and to the Illinois Junior Academy of Science competition for \$50.

The Chicago SME Section periodically gives donations and scholarships to various area groups to promote education, particularly in science and engineering areas.

Submitted by Steve Tivy

Again - Rock Samples Wanted

The Gem committee is hunting for rock samples of approximately 1 inch in size in quantities of 35 samples or more for rock kits, which will be given to teachers at the Illinois Association of Aggregate Producers teacher workshop next fall. Contact Anne Leslie of Raimonde Drilling at 773-889-1412 or email at rdcdrill@rdcdrill.com if you can help out.

PIE at the Sangamon CountyFair

The PIE Committee again participated in the Sangamon County Earth Stewardship Day program at the State Fairgrounds in Springfield on May 6. Fourth graders from throughout the county visited various stations to learn more about natural resources and the environment. Three different schools with 131 students, teachers, and chaperones had a chance to do the minerals to consumer product matching game.

The various presenters told about their careers in the mining industry. Students were also given the chance to operate toy equipment to load Fuller's Earth.

The "rocks you can eat" - aka Oreos - were also a big hit.



Bill Pearce (Conco Western Stone) and Kim Schmidt (Lawrence Gravel) guide students through the mineral to product matching game.

Submitted by Linda Hiltabrand

Hiltabrand Guides Businesswomen in Cookie Mining

On May 4, Linda Hiltabrand did the cookie mining activity with 60 members of the Kankakee Zonta Club. Most of these businesswomen had not considered all the ways that minerals do indeed touch each of our lives. They quickly grasped the various business decisions that had to be made regarding equipment purchases, labor costs, and return of start up capital.

"I would encourage others to consider doing programs for community groups they may be involved with," Hiltabrand stated.

Educating friends and acquaintances may be the starting point for getting the next permit or zoning change.

More on the Electronic Newsletter:

Due to the passage of the Federal CAN SPAM ACT of 2003 the rules are changing by early in 2005 for sending out faxes and e-mail for notices and advertisements. For those of you who are involved in this type of notification, I have some basic information from the SME concerning this via **John Head** of MACTEC, who is our local section representative to the national SME. John recently attended the SME 2004 Annual Meeting in Denver and forwarded some material on the changing legality of spam as it affects newsletters and other types of notices. Hopefully I won't be required to ask you all to respond by e-mail or in writing to keep sending out meeting announcements.

If you want a copy, please send me an e-mail and I will be glad to attach the PDF file. It is very basic information.

Rick Ackermann, Editor
rackermann@patrickengineering.com

New Arizona Copper Mine? But not soon....

The Arizona Dept of Mines & Mineral Resources released an informational paper concerning the May 1st acquisition by Rio Tinto's Resolution Copper Co. of 55% interest in the former Magma Superior Mine at Superior AZ. RT spent \$25 million on exploration work and feasibility studies over the past 5 years to earn a 55% interest in the property from BHP-Billiton. The orebody is located from 5,000 to 7,000 ft deep SE of the old No. 9 Shaft at Superior. From personal communication with friends in AZ, the grade is high (initial Magma holes were over 1% Cu is the rumor) and the rock temperatures are above 130 F. RT is apparently working slowly through water and surface related issues. Much more information may be found in the paper.

I will e-mail the paper to those who ask for a copy. Contact me at:

rackermann@patrickengineering.com
the Editor

The University of Alaska-Fairbanks to Close (Merge – editor) School of Mining Engineering

The University of Alaska-Fairbanks has announced plans to close the School of Mineral Engineering. If approved by the Board of Regents in Sitka, School would close and its three departments (mining, petroleum and geologic engineering) would be incorporated into a new College of Engineering and Mining. The University hopes to foster an interdisciplinary approach to engineering by combining these two schools.

Steve Borell, Executive Director of the Alaska miners Association, has come out strongly against the plan. In a letter he noted that this decision sends a bad message to the many mining companies that have started investing in Alaska. It comes at time when the metal prices are booming, fostering numerous large-scale mining developments throughout the state. Citing Alaska's unique environment, Borell stated that the potential exists for the School to be a world-class mining institute with the expertise, the research labs, and the Arctic conditions to provide a learning environment like no other. The experience with other institutions that adopted such a course suggests that geological and petroleum programs survive, but that mining programs do not.

If adopted, the plan would save little money and cost no faculty jobs. The proposed College of Engineering and Mining would remain in Fairbanks

Reprinted from the Northwest Mining Association Newsletter, April 2004

The NWMA is a very active organization and works to defend mining interests many areas. Check out the comments on the EPA Region V (which includes Wisconsin) on page 10 of the same issue under "Public Lands" at:

<http://www.nwma.org/pdf/04aprbul.pdf>

Kendorski Presenting Paper on Mine Void Detection Problems

Frank Kendorski of Agapito Associates, Inc., will be presenting a paper at the 23rd International Conference on Ground Control at West Virginia University in Morgantown in August on "Problems in 'Void' Detection in Coal Mine Water Hazards." The paper highlights the problems of delineating mine voids by drilling and by remote sensing techniques. In particular, he points out the difficulties of "seeing" a rubble-filled chimney in a collapsed coal mine entry by remote sensing techniques. The rubble-filled cavity provides rock block-to-rock block contact across the cavity, allowing transmission of signal energy, but at attenuated returns and transmissions, masking the dangerous hydraulic potential of a water-filled cavity.

Kokal Attends Minnesota Mining Symposium & SME Meeting

Harold Kokal attended the 77th Annual Meeting of the SME Minnesota Section Duluth, Minnesota on April 13 and 14. The meeting was held in conjunction with the 65th Annual University of Minnesota Mining Symposium and the 2004 Vendors' Trade Show. A short course on comminution by professor Raj Rajamani of the University of Utah preceded the meeting. The keynote session featured John P. Surma, President and Chief Operating Officer of US Steel who spoke on "Paradigm Shifts in the Steel Industry." A variety of presentations included the potential use of taconite tailings as aggregate, and many other topics. Abstracts are available for interested persons by contacting Harold Kokal at his e-mail address:

Harold.Kokal@ispat.com.

Kendorski Invited to MS&HRAC Meeting

Frank Kendorski of Agapito Associates, Inc., has been invited to participate in the May Meeting of the federal Mine Safety & Health Research Advisory Committee in Washington, DC. The Committee recommends research areas to be pursued by federal mine safety programs. Frank has been asked particularly to address issues of coal mine safety in inundation environments such as the Quecreek Mine near-disaster in July 2002. Frank had in 1979 managed a USBM project to anticipate and safely plan for inundation of coal mines from surface waters and breached abandoned mines.

New Flame-Proof Alternator

Dry Systems Technologies (Woodridge, IL) has developed a new, high efficiency, compact, Flame -Proof Alternator which has been approved by MSHA for use in underground mines. The alternator has an output of 25 Amps, 12 Volts or 12.5 Amps, 24 Volts. Key features of the alternator include; internal short circuit protection that eliminates fuses, two sealed front bearings that eliminate greasing, and a higher fan belt torque capability. Multiple drive pulleys are available for easy installation.

Dry Systems Technologies can be contacted at 630-427-2051.



Submitted by Roger Gibb

2003-2004 Chicago Section SME Officers

Chairman	Gordie Stevens Patrick Engineering, Inc. Lisle, IL 630-795-7429 Fax 630-434-8400 gstevens@patrickengineering.com	GEM Coordinator	Anne Leslie Raimonde Drilling, Inc. Chicago, IL 708-583-9290 Fax 708-583-9491 rdcdrill@rdc-drill.com
Vice-Chairman	John Head Mactec Oak Brook, IL 630-571-2162 x 21 Fax 630-571-0439 jhead@mactec.com	Newsletter Editor	Rick Ackermann Patrick Engineering, Inc. Lisle, IL 630-795-7246 Fax 630-434-8400 rackermann@patrickengineering.com
Secretary	John Magyar International Mining Services Belvidere, IL 815-547-9211 Fax 815-547-8552 imsjlm@aol.com	Website Coordinator	Sarah Schlichtholz Continental Placer, Inc. Glen Ellyn, IL 630-469-6340x109 Fax 630-469-6470 sschlic@continentalplacer.com
Treasurer	Steve Tivy Boncosky Oil, Inc. Elgin, IL 847-741-2577 Fax 847-741-2590 svtivy@comcast.net	Program Chairman	Raj Rajaram Black & Veatch Corporation Chicago, IL 312-346-3775 Fax 312-346-4781 rajaramv@bv.com

SME Chicago Section Membership Dues Form

Note: To become a member of SME at the national level, please join at www.smenet.org or get an application from Gordie Stevens.

NAME: _____

AFFILIATION: _____

ADDRESS: _____

E-MAIL: _____ @ _____

CITY, STATE, ZIP + 4: _____

DAYTIME TEL. NUMBER: _____

SPONSOR'S NAME: _____

STUDENT _____ **RETIRED** _____

Make Check for \$20.00 (\$10.00 for Student or Retired) out to “**Chicago Section – SME**” and mail to: Steve Tivy, Treasurer, Chicago Section of SME, Boncosky Oil Inc., 739 North State Street, Elgin, IL 60123

NEXT MEETING
Wednesday, June 2, 2004

“Aggregate Reserves: Planning and Value”

Art Pincomb, President
Associated Geologists.

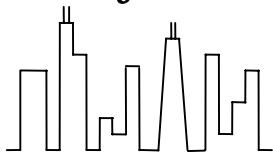
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500 Ogden Avenue, Downers Grove, IL.

Editing, Paper, Copying, Stapling, and Grunt Work Patrick Engineering, Inc. THANKS!

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