

# INTERNATIONAL INSTITUTE OF MINERALS APPRAISERS

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## NEWSLETTER

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### IN THIS ISSUE

James Hutton Unconformity  
2016 IIMA / SME Call For Papers  
Mentorship Appreciation  
Are we AIMA or IIMA or Both?  
USPAP Rebate  
Certification Procedures  
Valuation Session DVDs



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### **Bill Bagby's Travels**

The picture above is Hutton's Unconformity at Siccar Point outside Edinburgh.

The tilted rocks are Silurian marine graywacke and the more horizontal rocks are subaerial Devonian sandstone. The time represented by the unconformity is on the order of 65 million years. It was James Hutton who recognized that there must have been a large time span between deposition of the two rock types. His work, published in 1788 as

“Theory of the Earth” was the beginning of geology as a scientific discipline.

### **Call for Papers - IIMA/SME 2016**

The International Institute of Minerals Appraisers is calling for papers/presentations for two mineral valuation sessions to be held on Tuesday, 23 February 2016, in Phoenix, Arizona USA.

The valuation sessions will be held in conjunction with the IIMA Annual meeting, and the Society for

Mining, Metallurgy and Exploration Annual Conference & Expo 2016.

Valuation I: Case Studies and Methodologies  
Chairs: John Manes, Marty Shumway

Valuation II: Lessons Learned and Fundamental Issues  
Chairs: Tim Knobloch, Dan Collins

Abstract Submissions (paper title, abstract, bio) must be performed before 3 August 2015 on the SME's Abstract Central Site, which can be accessed from this link:

<http://sme2016.abstractcentral.com/>

As soon as possible is the deadline for abstracts/bios/topics so that chairs may review and get them accepted. Preprint manuscripts are optional and due by 2 November 2015.

Contact the session chairs as soon as possible if you are interested in participating or have any issues.

John Manes  
IIMA President 2015

*If you are interested in presenting please contact the session chairs as soon as possible. There may still be a chance to get in. This is an excellent marketing opportunity to introduce yourself through your work to your peers and potential clients. Also it allows for critical review and growth from within the profession as we are constantly learning and evolving in this industry. Look forward to next year's event! Thanks, Matt*

## **Mentor Appreciation**

**Barney Guarnera / Alan Stagg / Marc Springer**

**Barney Guarnera**  
**Broadlands Mineral Advisory Service**

Over the years I have relied on many mentors to assist me in achieving goals for my career or working through difficult situations. I had a very strong mentor when I worked for Texaco Minerals in the 60s and 70s, and again at Boise Cascade, and also at Behre Dolbear. I think it is very important

for everyone to accept they are not necessarily the smartest person in the room and take advantage of those that have more experience in given areas.

I am currently pleased to be acting as a mentor for Dr. Yingting Guo, a Chinese geologist with whom I have worked with in the past when I was with Behre Dolbear. He has signed on our apprentice program and I am pleased that I will have him work on assignments with me at Broadlands Mineral Advisory Services Ltd, my own corporation.

**Background:** Mr. Guarnera has more than 45 years of experience in the global mining industry. He is recognized for his expertise in the economic fundamentals of the industry, determining the feasibility of mineral property development, and for his skills in the valuation of mineral deposits and mining companies. He has worked on every continent where mining occurs, and his experience spans most commodities including ferrous and non-ferrous minerals, base and precious metals, coal and uranium, and industrial minerals.

He began his career at the iron ore deposits of the Labrador Trough (Quebec Cartier Iron Mining Ltd); he moved from there to the exploration and development of layered ultramafic complexes for copper-nickel and platinum group metals (Anaconda American Brass Ltd. and AMAX Exploration Inc.) in northern Canada and internationally. Other assignments were with Texaco's Minerals Group, Dames & Moore, and Boise Cascade; firms where he worked in the coal and uranium, precious and base metals, and industrial minerals sectors. At Boise Cascade he was responsible for developing the mineral and oil/gas potential on the company's 7 million acres of land.

Mr. Guarnera joined the Behre Dolbear Group Inc. in 1991 and acquired control of the firm in 1993. With Behre Dolbear he spent 20+ years of his career working on acquisitions, mergers, disposals, strategic planning, and valuations. He has worked on assignments in multiple African and Asian countries, and throughout Europe and the Americas participating in transactions totaling well over \$100 billion. He was also the senior technical advisor to the Hong Kong Stock Exchange for the

development of its listing rules for mining and oil and gas companies.

He grew the Behre Dolbear Group into an internationally recognized advisor to the mining industry. As chairman and CEO of the firm, he grew revenues over 4,000 percent and established the Behre Dolbear Group Inc's presence into Australia, Asia, Africa, Europe, the Pacific, and throughout the Americas. During his last full year with the company in 2012, the company had more than 200 assignments in more than 60 countries. He also successfully completed the integration of the management consulting firm of Anderson & Schwab into Behre Dolbear, adding new depth to the Company's services.

Because of his knowledge of the global mining industry, he frequently lectures on and is interviewed about the global mineral economy, mineral resource/reserve reporting codes, valuation methodologies, and feasibility study issues. He has also served on the boards of various mining associations and held the positions of chairman for the Colorado Mining Association, president of the Northwest Mining Association, president of the International Mining Professionals Society, and is currently president of the Mining and Metallurgical Society of America. He has prior experience on public company boards and during a hostile takeover, he served on a special committee of the board of Canadian Royalties Inc. He was appointed to the board of Golden Queen Mining Company, a TMX-listed company in May of 2013, and also serves on the boards of the Colorado Mining Association and Northern Zinc LLC, a privately held entity.

Mr. Guarnera frequently acts as an expert witness in disputes concerning valuations of and the feasibility of mining projects. He has testified multiple times at international arbitrations concerning such matters, including at four arbitrations before the International Centre for the Settlement of Investment Disputes.

Mr. Guarnera has degrees from the Michigan College of Mining & Technology (B.Sc. Geological Engineering (mining emphasis) and M.Sc. Economic Geology). He is a Certified Mineral

Appraiser with the International Institute of Mineral Appraisers, a Fellow and Chartered Professional (Geology) with the Australasian Institute of Mining & Metallurgy, and a Qualified Professional Member (mining and ore reserves) of the Mining & Metallurgical Society of America. He is also a Registered Professional Engineer (Texas) and a Registered Professional Geologist (Idaho and Oregon).

In December 2013, he stepped back from his management roles at Behre Dolbear; he continues to serve as a director of the firm. Mr. Guarnera has also incorporated Broadlands Mineral Advisory Services, Ltd. to pursue his personal business and consulting interests for clients in the areas of mineral project valuation, project feasibility, strategic planning, and the acquisition or disposal of mineral properties.

**Alan Stagg**  
**Stagg Resource Consultants, Inc.**

I believe it is important as a professional to engage in instructional and mentoring activities, having been fortunate to have worked with a number of professionals in the early stages of my career who took the time to advise and instruct me, not only on technical matters but also on business and ethical matters. Their instruction and advice has stood me in good stead over my career.

In this regard, I have developed and instructed in a number of short courses under IACET continuing education guidelines, have instructed in environmental seminars at the college level, and am a frequent presenter at industry meetings on a wide variety of issues. My mentoring activities regarding mineral appraisal practice have been limited to members of my consulting firm to date, although I would consider mentoring others under the appropriate circumstances.

**Background:** Stagg has more than 50 years' experience in the mineral industry, with the last 34 including an emphasis on mineral appraisals. Stagg spent the first eleven years of his career with The New Jersey Zinc Company, after which he formed his consulting company. He has conducted

appraisals in more than 40 states and internationally.

Stagg is a registered professional geologist in 14 states, a registered member of SME, a certified member of the International Institute of Minerals Appraisers, and is qualified as a Competent Person under the reporting requirements of Australia's JORC Code and as a Qualified Person under Canada's National Instrument 43-101. Stagg has been involved in all facets of the mineral industry, including the development and implementation of exploration programs, reserve assessments and estimation, mine planning, operational analysis, feasibility studies, environmental site assessments, economic and financial analysis, and detailed due diligence activities. He is an active expert witness, having been involved in more than a hundred matters in a wide variety of venues throughout the U.S., including litigation, arbitration, and administrative hearings.

**Marc Springer**  
**Spanish Flat Mining Co.**

I have served as a mentor for BLM and USFS geologists, and recently entered the mentoring program with IIMA. My mentoring goals include data resource networking and sharing institutional knowledge with fellow mineral appraisers. I also believe in giving back to the industry, what my mentors provided for me. Mentorship is imperative for sustaining professionalism and high standards in the mineral appraisal industry.

**Background:** Marc Springer is a geologist and mineral appraiser doing business with his wife, Linda (Geologist), under their company Spanish Flat Mining Company. His professional background combines 38 years of industry and federal government (BLM) experience highlighting: mineral appraisal, mining law, geology, and mine operations management; with extensive experience in mine property evaluation and analysis, exploration, development and production management, reclamation planning and cost estimation, mine operations training and consultation, and expert testimony for federal government and private industry. Marc has expertise in industrial minerals, hardrock and placer

precious metals operations in several western states (Arizona, New Mexico, Alaska, and California) including commodities such as uranium, gold/silver, limestone/carbonate, and construction aggregate deposits. His certifications include state (California), national and federal government recognition as a geologist, general appraiser, mineral appraiser, mineral examiner, blaster, mine gas tester, and mine safety and health instructor.

- CA State Certified General Real Estate Appraiser BREA #AG044432
- CA State Registered Professional Geologist PG# 7831
- International Institute of Mineral Appraisers Certified Mineral Appraiser #2006-04
- BLM Certified Mineral Examiner # 0139
- Mine Safety & Health (MSHA) Instructor (Surface and Underground, 1989)

## **Are we AIMA or IIMA or Both?**

John B. Gustavson, Vice President

We have now successfully made the name change, which was on the ballot a few months ago. The Institute is still exactly the same but with a new name: *International Institute of Minerals Appraisers* or IIMA.

The IIMA currently has only one geographical chapter, namely the *American Institute of Minerals Appraisers* or AIMA, and we are ALL members of that chapter.

The 2014-15 Executive Committee of the IIMA (for whose Officers you voted earlier this year) met on 10 July 2014. The Executive Committee voted to appoint themselves Officers of the *AIMA Chapter of the IIMA* for the remainder of the 2014-15 term. Thereafter, the Certified Members of the *AIMA Chapter* will elect new Officers at the same time at which the IIMA Officers are elected.

With time and growth other geographical regions or countries may be organized at the specific members' request. At such time we will form specific chapters such as the *Canadian Institute of Minerals*

Appraisers, a Chapter of the IIMA, and we will register a Trade Name for that chapter.

So in summary, a member may for now call himself/herself: 1. a member of the *International Institute of Minerals Appraisers*; 2. a member of the *American Institute of Minerals Appraisers*; or choose the very long version 3. a member of the *American Institute of Minerals Appraisers, a Chapter of the International Institute of Minerals Appraisers* (or use the respective acronyms)!

A member must always specify his/her class of membership such as Certified Minerals Appraiser, Associate Member or Affiliate Member.

Questions, if any, will be answered immediately by John Gustavson, [john.gustavson1@aol.com](mailto:john.gustavson1@aol.com)

New certificates reflecting the name change as well as rubber stamps are now available. The Logo is shown below:



As members, you may choose to use your current AIMA certificate as the American Institute of Mineral Appraisers is a registered trade name and recognized trademark within the industry. Or you can order new certificates.

### ***Rubber Stamp***



### ***Embossing Seal***



**A rubber stamp with your professional seal and an embossing seal are available through the IIMA HQ office to all Certified Minerals Appraisers for \$50 and \$70, respectively. Your old stamps and seals are still valid.**

## USPAP Rebate

The new 2016-17 edition of the Uniform Standards for Professional Appraisal Practices is coming soon and undoubtedly, the Appraisal Institute will offer its 15-hr USPAP and 7-hr update USPAP course in a number of places (see [www.appraisalinstitutute.org](http://www.appraisalinstitutute.org) for details).

This is a great opportunity for an Associate to get that appraisal knowledge under the belt, which he/she needs together with the already existing technical/scientific background to move aggressively toward Certification.

Effective from 1 March 2014 the IIMA offers a \$50 rebate to Associates, who complete this USPAP course.

Good Luck! If any questions, please contact your Mentor and discuss this opportunity! Or contact our new Chair of the Mentoring Committee, Rachel Vass.

## Certification Procedures

The AIMA Board has established **will establish an Ad Hoc** three-person certification review committee **based on mineral commodity** to decide for and against applicants for certification. The committee will meet physically **or in electronic meeting** once each quarter to review completed applications.

A unanimous decision will be required to certify or not certify an individual by the three-member committee. Applications receiving a split decision will automatically be forwarded to the Executive Committee of AIMA for its review. In this case, a two-thirds majority of the Executive Committee will be required to obtain certification.

No individual will be certified without submitting to the full application and review procedure. Individuals denied certification may petition for a personal hearing before the review committee that denied his or her original application.

## Valuation Session DVDs

Valuation Sessions from the 2015 SME Annual Meeting is available. Also, while supplies last 2011, 2012, 2013, and 2014 DVD sessions are still available.

Members of the American Institute of Minerals Appraisers may claim up to 6 Hours of Continuing Education Credits when personally attending the complete two Valuation Sessions. Subsequent hours recorded by CMA's for serious desk study of the DVD material may also be claimed as contact hours toward CE credits.

The cost for the DVDs is as follows. It is largely dictated by the cost of production. Please, address any questions to the AIMA Past President at [john.gustavson1@aol.com](mailto:john.gustavson1@aol.com)

2-set from 2015	\$95
2-set from 2014	\$95
2-set from 2013	\$90
2-set from 2012	\$90
3-set from 2011	\$120

Please, mail your check made out to the "IIMA" with your name and address and allow 2 weeks for delivery.

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Special thanks to the contributions made. The strength of the IIMA organization is through the commitment, education, and contributions of its members. We are always looking for articles to enhance our profession and welcome any material that members may provide. Thanks!

E-mail: [matt@hapmanappraisers.com](mailto:matt@hapmanappraisers.com);

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