



Canadian Mineral Analysts/Analystes canadiens des minéraux

Communicate analytical technologies in the Canadian mining industry
Communiquer les technologies analytiques dans l'industrie minière Canadienne

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NEWSLETTER

July 2018

50th Annual Canadian Mineral Analysts (CMA) **Conference and Exhibition**

September 9 - 13, 2018

Prestige Mountain Resort & Conference Centre
Rosland, British Columbia

Website: www.2018cma.com

The 2018 CMA Conference and Exhibition is fast approaching. It will be held in Trail/Rosland, BC, on September 9 - 13, 2018 at the Prestige Mountain Resort & Conference Centre in Rosland. The Conference Organizing Committee, made up of staff from the Analytical Services section of Teck Metals Ltd., is hard at work planning a great Conference to mark the CMA's 50th Anniversary!

Information about delegate registration, exhibitor booths, workshop, sponsorship, submission of technical papers, tours and social program is posted on the Conference website (www.2018cma.com). Accommodation can now be booked at the Prestige Mountain Resort (Conference hotel). To obtain the preferred hotel rate, quote 'CMA 2018'. Accommodation options at other hotels, inns and resorts are listed on the Conference website.

A wide range of technical presentations is already booked for this year's Conference, with topics from sample preparation to on-line analysis. Spots are still available for additional papers and the deadline for submitting titles and abstracts is now Friday, August 17, 2018. Papers are welcome on any and all topics related to mineral testing/analysis. Complete the abstract submission form at www.2018cma.com and e-mail to 2018cma@teck.com.

Topics may include:

- Advances in Current Analytical Techniques
- Decomposition Techniques
- Developments in Instrumental Analysis
- Environmental Analysis
- Laboratory Design and Construction
- Laboratory Health and Safety
- Laboratory Management Systems
- Laboratory Performance Measures

- Quality Assurance
- Sampling Methods
- On-line Analysis

We look forward to welcoming you to the Rossland/Trail area in September.



CMA 50th Anniversary Logo



Organizing Committee - Analytical Services Section,
Teck Metals Ltd., Trail, BC



Aerial View of Rossland, BC
(Photo: Scott Daniels)

Thank you to the sponsors of the 50th Annual CMA Conference and Exhibition

Platinum	Gold	Silver	Bronze	CMA - Friend

The Saga of the Search for a Photograph of James Tweed

James Tweed was a founding member and past Managing Secretary of the CMA. He had a lifetime commitment to the Canadian mining industry, having worked at Dome Mines for 25 years (10 years as lab manager at Sigma Mine in Val d'Or and 15 years as lab supervisor at the Dome Mine in Timmins). James died on August 23, 1992 in Victoria, BC. In 1992, at the Val d'Or CMA Conference, it was decided to name the British Columbia Institute of Technology (BCIT) scholarship, presented annually, in his honour.

James' feelings for the CMA are best reflected in these words from his last Managing Secretary's report in 1989: *"I like to think that our success as an organization is due to many factors such as good fellowship, a chance to discuss problems with your peers, an opportunity to see and discuss the latest technology with a variety of exhibitors. I also think it is important for our membership to attend our annual meetings as it gives them a break from the daily grind and I am sure they all return to their respective laboratories with a sense of renewal"*.

On the CMA Scholarships website page, four past CMA members are recognized with CMA scholarships named in their honour. Photographs are available for Ian Devereux, Bill Clifford and Eric Hoffman. However, no photograph was available for James Tweed. So, the search began to find a photograph. This turned out to be a saga and a challenge with many leads drawing a cold blank.

First, Sean Murry, CMA Treasurer, contacted Bill Clifford's wife Cora. Bill and Cora were close friends with James Tweed, as Bill and James worked together at the Dome Mine in Timmins. Sean was convinced that Cora would have a photograph of James. However, after much searching through the Clifford photographic archives, no photo of James could be located.

Next, Jonathan Forrest at the Canadian Mint was contacted because of his connections with Dome Mines in Timmins, having worked there for several years. This lead drew a blank as there were no records at the Dome Mine going back to the times of James Tweed.

John Gregorchuk, past CMA Managing Secretary, volunteered to take up the challenge. He turned CSI detective and started an exhaustive search to find the elusive photograph of James Tweed. John contacted two previous CMA Managing Secretaries, Sigrid Fast and Jane Wetzel. Neither Sigrid or Jane could come up with a photo but Jane suggested trying to find archived copies of the Porcupine Advance (local Timmins newspaper) which may have mentioned James or contained a photograph. This was unsuccessful.

The search then moved onto trying to contact Ron Connell, a previous CMA member who worked with James Tweed. Ron vanished several years ago and there is no contact information. Another dead end!

John contacted Allan Courville, retired CMA member but still residing in Timmins. Although Allan worked with James he did not have any information on where to find a photo of James.

The Timmins public library reference section seemed like a logical source but following a search no obituary or photo of James Tweed could be located. The library staff also searched the cemetery records without success indicating that James was not buried in Timmins. It was later learned that he died in Victoria, BC which opened up another lead. Ed Debicki contacted Ray Lett, CMA member residing in

Victoria, with a request for Ray to search the archives of the Victoria newspapers. Ray kindly took on the task but it proved unsuccessful. Ray agreed to continue the search in other Victoria archive records.

And then...success! John Gregorchuk solved the mystery of no photograph of James Tweed. John received a photo from Karen Bachman, Director/Curator at the Timmins Museum, who uncovered an old photograph of the assay staff at the Dome Mine. The dapper gentleman in the cardigan at the left of the photograph is James Tweed. The CMA now has its photo of James Tweed which will be posted on the CMA website Scholarship page (<http://www.canadianmineralanalysts.com/Scholarships.html>).



Scholarship Opportunities with CALA, Inc.

CALA, the Canadian Association for Laboratory Accreditation, John Lawrence Student Scholarship is awarded up to two students annually who demonstrate their understanding and use of any one of the following themes:

- The Importance of Data Quality
- The Value of Accreditation
- Quality Assurance & Quality Control in Testing Measurements & Experimentation

In order to be considered for the award, students must fulfill all the requirements outlined on the scholarship application form including the submission of a scientific paper addressing one of the above themes.

In addition, the student must meet ALL of the following criteria:

- Be enrolled in a post-secondary institution (science discipline) at the time of the award.
- Have completed a minimum two-month work term with a CALA Member Laboratory within the past 12 months.
- Submit a completed CALA application form and their paper to CALA for evaluation **no later than August 3, 2018.**

Using the criteria outlined on the scholarship application form, the CALA Scholarship Review Committee will evaluate all papers submitted by the deadline.

Scholarship recipients will receive the following:

- A one-time amount of \$1,000 presented to the winner by a local Board Member or Head of the Member Laboratory;
- Acknowledgement (with photo) in both the CALA newsletter and on the CALA website; and
- Recipient's name entered on a master plaque containing the names of annual recipients. The plaque is kept at the CALA head office in Ottawa.

Any questions regarding CALA and these scholarships should be directed to: cmallete@cala.ca. More information and the application can be downloaded at <http://www.cala.ca/awards.html#scholarships>.

Society of Mineral Analysts (SMA) – Alive or Moribund?



The American counterpart of the CMA, the Society of Mineral Analysts (SMA), appears to be moribund. Their 2017 SMA Conference, scheduled to be held in Elko, Nevada on September 19 - 21, 2017, was cancelled due to insufficient delegate registrations, not enough exhibit booths sold, and a lack of technical papers submitted. The SMA executive board was to meet in late September 2017 to discuss the future of the SMA, elect a new executive, and send out an electronic correspondence to its members with an update. No news has been received from the SMA. Attempts to contact the SMA executive have been unsuccessful. The 2018 CMA Conference organizing committee hoped to get the SMA membership and e-mail list to invite their members to the CMA Conference in Trail/Rossland.

Let's hope the SMA rises up from their coma!

BC Certified Assayers Certification Program

Update: Scott Daniels, Acting Secretary,
BC Assayers Foundation Advisory Council

Since 1895, the Government of British Columbia has maintained an Assayer Certification program. This program was run and funded by the Government of British Columbia.

In the late 1990s, the Government stopped running and funding the program. Starting in 2003, a Foundation named the *British Columbia Assayers Foundation Advisory Council* was established. Members of the Foundation were from industry, government and the academia. The mandate of the Foundation was to provide feedback to the *BCIT Certified Assayer Training Program*, and to oversee and fund a volunteer Board of Examiners.

Over the period 2003 through 2017, the Foundation struggled to achieve regular, sustainable funding from industry, particularly during challenging economic times in the minerals sector. Another challenge was identifying qualified examiners to support succession planning for the Board of Examiners.

At an April 21, 2017 meeting of the Foundation, a motion was unanimously approved to investigate dissolving the Foundation. At the next meeting held on November 17, 2017, the Foundation unanimously approved a motion to dissolve and decertify.

The Advisory Council is awaiting a reply from the BC Government regarding their decision to fund or not to fund the BC Certified Assayers Certification Program.

Note that the BCIT assayer training program continues, independent of the BC Government's decision.

2017 and 2018 CMA Corporate Members

 <p>PROLITE SYSTEMS INC.</p>	<p>Prolite Systems Inc. 20127 113b Avenue Maple Ridge, BC V2X 0Z1 Canada Tel. (604) 460-8250 Fax. (604) 460-8254 E-mail: brad@prolitepiping.com Website: www.prolitepiping.com</p>
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 <p>GEO LABS GEOSCIENCE LABORATORIES</p>	<p>Geoscience Laboratories Willet Green Miller Centre 933 Ramsey Lake Road Sudbury, ON P3E 6B5 Tel. (705) 670-5643 Fax. (705) 670-3047 E-mail: john.beals@ontario.ca Website: www.mndm.gov.on.ca</p>
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For information on CMA Corporate Membership, including benefits of Corporate Membership, visit the CMA website or contact Ed Debicki, Managing Secretary.

Call for Interest in Hosting 2019 CMA Conference and Exhibition

The CMA Conference and Exhibition relies on individuals and organizations to volunteer to organize and host the annual Conference. Currently, the CMA is canvassing its members, exhibitors and other interested parties to secure a host and venue for the 2019 51st Annual CMA Conference and Exhibition to be held in mid-September.

With the 2017 and 2018 CMA Conferences being held in Western Canada (Kamloops and Trail/Rossland), ideally the 2019 Conference should shift back to Eastern Canada.

If you are interested in hosting the 2019 CMA Conference and Exhibition, please contact Ed Debicki, Managing Secretary.

Members-only Page – CMA Website

At the 2017 CMA Business Meeting held in Kamloops, BC, a decision was made to no longer produce a Conference DVD with delegate and exhibitor lists, technical papers, photographs, etc. The rationale for this decision was to eliminate the cost of producing and mailing the DVD, plus the changes in computer technology where many computers no longer have a DVD player.

In its place, a Members-only Page has been established on the CMA website. The content consists of the list of delegates and exhibitors, technical papers, and photographs for the 2017 CMA Conference. This page is accessible to 2018 CMA individual and corporate members, and the delegates and exhibitors of the 2017 CMA Conference and Exhibition held in Kamloops, BC. The Members-only page is only accessible by username and password. Everyone eligible to access the page was notified by e-mail.

Newsletter Submissions – Next Issue

Submissions for the Canadian Mineral Analysts (CMA) Newsletter are always welcome. The next issue is scheduled for the late fall 2018 following the CMA Conference in Trail/Rossland.

Submissions should be forwarded to Ed Debicki, Managing Secretary, no later than October 15, 2018.



Canadian Mineral Analysts (CMA)

The Canadian Mineral Analysts (CMA), formed in 1969, is an association comprised of: 1) Canadian earth science, mineral exploration and mining analytical laboratories in government, academic institutions, mining industry, and the private/commercial sector; 2) manufacturers and suppliers of instruments and equipment for analytical laboratories; and 3) suppliers of laboratory consumables.

The annual CMA Conference and Exhibition is held in mid-September in a different Canadian city. The first Conference was held in Rouyn–Noranda, Quebec in 1969.

The mission of the CMA is to ‘communicate analytical technologies in the Canadian mining industry’.

The CMA is a not-for-profit organization with membership dues and proceeds from the annual CMA Conference and Exhibition used to provide: 1) scholarships for Canadian college and university students studying fire-assaying and/or chemical engineering technology, and 2) equipment and program grants to qualified fire-assaying and/or chemical engineering technology programs in Canadian colleges and universities.

For individual and corporate membership information in the Canadian Mineral Analysts (CMA) visit the CMA website or contact:

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An Individual Membership Form and a Corporate Membership Form, along with an outline of benefits in each membership category, are available on the CMA website.
