

**North West Regional  
Networking Event**  
April 13, 2015 @ 12:30 p.m.  
Valhalla Inn, Thunder Bay

Hosted by the Association of Professional Geoscientists of Ontario in Conjunction with OPA's 2015 Northwestern Ontario Mines & Minerals Symposium

This event features a workshop followed by an APGO general meeting and reception. This is a great opportunity for professional geoscientists in North West Ontario to meet with APGO Council members and staff and connect with their peers in the region. This is also a great opportunity for geoscience students to network with professional geoscientists and learn more about their profession.

**Come and join us!**

## SCHEDULE

12:30 p.m. - 1:00 p.m.  
REGISTRATION

1:00 p.m. - 2:30 p.m.  
WORKSHOP

2:30 p.m. - 3:00 p.m.  
BREAK

3:00 p.m. - 4:00 p.m.  
WORKSHOP

4:15 p.m. - 5:30 p.m.  
APGO GENERAL MEETING  
This will include APGO update by Council members and staff and discussion of issues affecting members in the NW region.

5:30 p.m. - 7:00 p.m.  
APGO RECEPTION  
Networking by APGO members

## WORKSHOP

The W-5© of Setting Up Quality Control Protocols for Drill Programs and Application of Common Sense Guidelines in Monitoring Results

**Presenter: Tracy Armstrong, P.Geo.**  
TJ Armstrong Geological Consulting Inc.

*Workshop description and speaker's bio on the next page.*

## REGISTRATION

Members: \$50 plus HST  
Non-members: \$75 plus HST  
Geoscience Students: Free

**Reception Only:** \$15 for non-members who are not registered in the workshop. **Free** for APGO members.

Visit [www.apgo.net/apgo-events](http://www.apgo.net/apgo-events) to register online.

**CONTACT INFORMATION:** Marilen Miguel  
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INVITATION

## North West Regional Networking Event April 13, 2015 @ 12:30 p.m. Valhalla Inn, Thunder Bay

### The W-5© of Setting Up Quality Control Protocols for Drill Programs and Application of Common Sense Guidelines in Monitoring Results

#### ABOUT THE WORKSHOP

This workshop will examine the why, when, what, where and how of setting up quality control protocols for drill programs and practical, common sense guidelines for dealing with the results.

Aimed at exploration and production geologists and technicians, the goal of this workshop is to:

- Understand the history and reasons behind setting up a QC program with respect to NI 43-101 guidelines and the role of the QP;
- Elaborate on each step of the protocol;
- Provide strict guidelines with which to monitor the results;
- Demonstrate why strict protocols aren't always applicable and how to use a common sense approach to results interpretation; and
- Discuss QC for various commodities such as Au, Pt, Pd, Cu, Ni, and Cr and why all commodities should not be treated equally.

The first half of the 3-hour workshop will lead participants through the theory and practice of setting up the protocol. The second half will present case studies dealing with different commodities.

#### ABOUT TRACY ARMSTRONG, P.GEO. *TJ Armstrong Geological Consulting Inc.*

Ms. Armstrong obtained an Honours B.Sc in Geological Sciences from Queen's University in 1982. She has been working in the industry for almost 30 years, beginning her career as an underground production geologist at a gold mine in the Abitibi.

After many years in underground production, Ms. Armstrong continued her career in exploration and became Exploration Manager for a mid-tier Canadian Mining Company with 1 producing underground mine and an open pit mine. She also acted as Superintendent of Geology for an open pit mine and entered into consulting in 2003.

Since 2003, Ms. Armstrong has participated in many due diligence reviews, audits, technical evaluations, preparation of qualifying and technical reports for securities reporting, (NI 43-101), planning and supervision of advanced open pit and underground exploration and bulk sample programs, underground production and all levels of exploration. She has designed and monitored Quality Assurance/Quality Control programs for deposits in Turkey, China, Mexico, the USA, Norway, Sweden, Central and South America and across Canada, for commodities including Au, Ag, Cr, Cu, Mo, Ni, Pd, Pt, and Zn.

