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## Lineament analysis and appropriate sampling and Quality Assurance/Quality Control (QA/QC) procedures to help you find your next mine

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**Date :** Sep 24, 2017 - 09:00 AM - Sep 25, 04:30 PM

**Event URL :** <http://www.nyeeventslist.com/events/lineament-analysis-and-appropriate-sampling-and-quality-assurance-quality-qa-qc-1495194733>

**Organizer :** Global Compliance Panel

**Venue :**

**Location :** Cincinnati Airport Marriott 2395 Progress Dr, Hebron, KY 41048, USA,  
Hebron, KY, US, ZIP: 41048  
Phone: 1 929 900 1853

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Upon completing this course, participants should:

- Understand the limitations of the current exploration process
- Learn to use lineament and satellite interpretation as a way to define where to concentrate their exploration efforts
- How to implement QA&QC procedures to guarantee the quality of the collected data

**Why you should attend:**

We will introduce you to an effective and affordable methodology that identifies prospective targets which are related to, or controlled by tectonic structures. Even over new areas with limited or nonexistent geological information, we are able to help you concentrate your exploration efforts to keep your budget in the black.

Appropriate sampling and Quality Assurance/Quality Control (QA/QC) procedures are essential in all aspects of the mineral deposit evaluation process to ensure that the best possible confidence in resultant mineral resource and reserve estimates are achieved, as the quality of an estimate is dependent on the quality of the data used.

The Quality Assurance and Quality Control (QA/QC) procedures and protocols are designed to ensure that data collected and created by the company is of a high level of quality and is in compliance with CIM Standards and Guidelines. In practical terms, geological quality control procedures are intended to monitor precision and accuracy of the assay data, as well as possible sample contamination during sample preparation and assaying.

Compliance with the industry-established QA/QC is no longer an option, but a necessity for all the companies to implement, especially those that trade in the markets.

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We have implemented a Quality Assurance program for the field sampling procedures which include collection, labeling, and shipping components. Quality Assurance is essentially the management system that operates to ensure credible results. Our Quality Control component of this system is a set of activities intended to control the quality of the data from collection through to analysis. It consists of day-to-day activities such as: the adherence to written protocols; up-to-date and suitable training of personnel; the use of reliable laboratories with excellent QA&QC systems in place, the regular use of Quality Control (QC) samples (blanks, standard samples, and field duplicates); and, diligent record keeping. The prime objective of the field QA program is to maximize accuracy by reducing introduced variability.

If you want to find your next ore body in the most effective way, then this webinar is for you.

### Areas Covered in the Session:

- History of the problem, why we need to change the current approach.
- Lineament analysis
- Lineament analysis and satellite interpretation of data
- Physical modeling (3D strain analysis and 3D stress analysis).
- Statistical procedures (Compositional data analysis, correlation analysis, principal component and other methods).
- Defining a QA/QC program, Blanks, duplicates, standards, external controls.
- Procedures and audits
- Rock naming in the field
- Conclusions and recommendations.

### Who Will Benefit:

This course is designed for people tasked with developing, maintaining and/or improving environmental monitoring programs for non-sterile manufacturing facilities. This includes individuals that have Quality Management Systems responsibilities for making general improvements in their organization's performance specifically related to microbial control of the manufacturing environment. Following personnel will benefit from the course:

- Senior Geologists
- Geochemists
- Exploration Personnel
- Laboratory Personnel
- Managers
- Graduate Students
- Postgraduate Students
- QA&QC Personal

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Please contact the event manager Marilyn below for the following:

- For Registrations Please call +1 929.900.1853
- Discounts for registering 5 or more participants.
- If your company requires a price quotation.

Event Manager Contact: [marilyn.b.turner\(at\)nyeventslist.com](mailto:marilyn.b.turner@nyeventslist.com)

You can also contact us if you require a visa invitation letter, after ticket purchase.

We can also provide a certificate of completion for this event if required.

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