

Edward Isaaks PhD

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Professional Summary

I have been self employed as a sole proprietor for some 20 years. My services consist primarily of geostatistical ore reserve assessments for base metals. This includes estimation, reconciliation studies, due-diligence reports, grade control, and the assessment of uncertainty through conditional simulation of both multivariate and categorical variables. In addition to geostatistics, I also have experience in the application of classical statistics such as k-means classification and classification and regression trees etc. I have taught geostatistical short courses and am the co-author of the textbook "An Introduction to Applied Geostatistics". I am a qualified person or QP for most base metals. I look forward to the opportunity of becoming a SRK team member.

Employment history

I have more than 25 years experience providing geostatistical consulting services to the mining industry. Services include;

- Fatal-flaw and due diligence reviews of resource and geologic models, including data validation, QA/QC, and geological interpretations.
- Provision of technical support in resource estimation to mine operations and reserve evaluation teams.
- Evaluation and implementation of advanced geostatistical algorithms for ore reserve assessment and geologic modeling.
- Provision of mineral resource risk analyses using multivariate conditional simulations of mineral grades and/or geologic units.
- Planning, supervision or execution of a resource estimation project in its entirety.
- The development and provision of innovative geostatistical software for optimum mining solutions.

Education

Stanford University, San Fransisco, California
Ph.D., Applied Earth Science - Geostatistics , Apr. 1991

Skills

Geostatistical Skills

Resource Estimation

Modeling Geology

Conditional Simulation

Classical Statistics

C++ and Fortran Programming

Problem Solving

Mentoring