

Geometallurgy Webinar 2025

A Guideline for Representative Geometallurgical Sampling

Date: 25 September 2025

Time: 12:00-13:00

ECSA Validated CPD Activity,
Credits = 0.1 points per hour attended.



SUPPORTED BY GSSA & MINSA



BACKGROUND

Orebodies are inherently heterogeneous, with mineralogical, physical, and chemical characteristics varying significantly throughout the deposit. Effective geometallurgical programs aim to capture and quantify this variability through representative sampling and testwork. Building a geometallurgical program on a solid foundation of representative samples ensures that resulting metallurgical performance predictions are reliable and the geometallurgical program meets its objectives.

The Geometallurgy Subcommittee of the Global Mining Guidelines (GMG) Group is drafting a guideline for representative sampling, aiming to provide clear, actionable guidance on geometallurgical sampling. This webinar will outline project progress thus far, explaining the basic principles of representative geometallurgical sampling, followed by a case study demonstrating the application of these principles. To ensure a robust, industry-accepted guideline, volunteers are welcome to provide feedback on the project, as well as offer future contributions.

[REGISTER HERE](#)

About the presenter



Tricia Scott,

Principal: Geomet Estimation,
Anglo American

Tricia Scott is the Principal, Geomet Estimation at Anglo American, where she leads the development and delivery of spatial geometallurgical models. She began her career at Kumba Iron Ore, gaining experience across exploration, production geology, and geometallurgy, before moving to Anglo American Corporate in 2021.

Since then, she has provided geometallurgical support to global operations, including platinum, iron ore, and copper, with a focus on model development and implementation.

Her geometallurgical experience spans from drill rig management, logging, sampling, and data collection through to model development and implementation. Tricia finds reward in working within multidisciplinary teams and in building models that support informed, value-driven decisions. She believes that in a rapidly changing mining industry, it is thorough ore body characterization and an appreciation of variability that provide the foundation for achieving business, environmental, and strategic goals.

FOR FURTHER INFORMATION CONTACT:

Gugu Charlie, Conferences and Events Coordinator

E-mail: gugu@saimm.co.za | Tel: +27 11 538-0238 | Web: www.saimm.co.za