

# GEOMETALLURGY FOR EXPLORERS



Friday 19  
March, 2021



From 9:00 am.  
to 4:00 pm.



Language: Spanish  
(simultaneous interpreting)

## ABSTRACT

Traditionally, Exploration Geologist's deliverables only included the geological resources; however, they are now also required to at least identify the geometallurgical feasibility of the project. In this course we will review the main methods for geometallurgical characterization; as well as the procedures to identify and minimize undesirable or penalizable minerals and elements. The Global Geometallurgical Characterization and the implementation of the Geometallurgical Block Model will also be shown; which, as a predictive model, will provide the critical information needed to design the most appropriate comminution and metallurgical beneficiation facilities; as well as the most appropriate procedures and additives.

## INSTRUCTOR

### Eng. Samuel Canchaya



Engineering Geologist from Universidad Nacional de Ingeniería. Master in Deposits from Heidelberg University - Germany. Visiting Professor at universities of Bochum and Heidelberg - Germany. Specialist in: Sampling & QA/QC, Instrumental Mineralogical Analysis: Sampling & QA/QC, Instrumental Mineralogical Analysis: Optical and Electronic Microscopy, NIR, FTNIR, XRD and QEMSCAN; Mineralogy and Deposits, Explorations, 3D Modeling, Multielementary Geochemical Characterization.

Geostatistics (applied to Explorations, Metallurgical Plants, Estimation, Categorization and Evaluation of Resources) and Geometallurgy (Characterization and Logging and Geometallurgical Modeling by Blocks). He worked in prestigious companies: Minero Peru, INGEOMIN, INGEMMET, International Consultant UNDP (Prospecting for Cu IV Region-Chile), Cyprus-Cerro Verde AQP, North Cía. Minera, Consorcio Minero Horizonte, Reg. Director of Energy and Mines of Ucayali, MINSUR S. A. (through AESA), Phelps Dodge and Free Port McMoran - Sociedad Minera Cerro Verde and Compañía de Minas Buenaventura.

Consultant in Geostatistics, Sampling and QA/QC, Microscopy and Geometallurgy Currently General Manager of Sampling OK SAC and professor of undergraduate and graduate studies at Pontificia Univ. Católica del Perú and Universidad Nacional de Ingeniería. Creator, main promoter and developer of the "Total Rock Concept", of the Global Geometallurgical Characterization, Geometallurgical Logging and of the Probabilistic Geometallurgical Block Model.

## COSTS

CATEGORIES	RATES
Non-Associates	USD 120.00
Associates	USD 100.00
Teachers / Students	USD 80.00
Student associates	USD 60.00

Cost include Peruvian taxes / Associates must be up to date in their 2020 payments / Includes digital certificate

## Inscriptions