

Design of Surficial Exploration Geochemistry Programs

MINISTRANTE: L. Graham Closs – Colorado School of Mines, EUA

IDIOMA: Inglês

DATA: 24 de maio de 2012

LOCAL: Parque Metalúrgico de Ouro Preto, MG

CARGA HORÁRIA: 8 horas (1 dia)

NÚMERO DE VAGAS: 25

Conteúdo: Exploration geochemistry programs are an integral component of mineral exploration programs conducted worldwide. The strength and success of each program depends upon an understanding of basic principles and their integration into a coherent overall program. This short course will focus on surveys conducted in the surficial environment. Topics to be addressed include: basic geochemical principles, dispersion processes, field sampling, sample preparation and analysis, QA/QC, orientation surveys, soil and drainage surveys, data evaluation, and data presentation and integration. Participants will gain an appreciation of how to design effective surficial environment as a means of enhancing the overall success of their exploration programs.

Perfil do Ministrante: **L. Graham Closs** received his A.B. in Geology from Colgate University, his M.S. in Geology from the University of Vermont and his Ph.D. in Geological Sciences, specializing in exploration geochemistry, from Queen's University. He spent 5 ½ years as a geologist / geochemist with the Ontario Division of Mines (Ontario Geological Survey) where he conducted applied research in the glaciated Precambrian Shield of Northern Ontario. In 1978 he joined the faculty of the Department of Geology and Geological Engineering at the Colorado School of Mines. He has advised over 40 graduate degree programs in exploration geochemistry and economic geology. He is currently Emeritus Associate Professor and continues to teach courses in exploration geochemistry, economic geology and geological data analysis. His current interests include applied soil gas geochemistry, field portable XRF applications and 3-D geochemistry applied to exploration and resource assessment, working with former students and professional colleagues.