

23 - 26

Setiembre, 2018

Centro de Convenciones de Lima
LIMA - PERU



XIX CONGRESO PERUANO DE GEOLOGÍA

Geología: Ciencia para el desarrollo económico sostenible

Síguenos en:



C 02

SET 27-28, 2018

SHORT COURSE

EXPLORATION FOR SKARN DEPOSITS

Instructor:

Larry Meinert

Society Economic Geologist (SEG)



SHORT COURSE DESCRIPTION

South America has some of the largest skarn deposits in the world, including Antamina and Las Bambas, but skarns can be complicated in the field. This two-day short course is designed to help explorers understand skarn deposits with common sense exploration concepts and easy to apply mineralogical guides. We will clarify the basic concepts and terminology, explain the current understanding of skarn-forming processes, and summarize the general characteristics of major skarn types. The focus will be on the zonation patterns in skarns that are useful in exploration with a discussion of how the zonation pattern varies in different environments.

SHORT COURSE OUTLINES

- Introduction, definition and mineralogy
- Classification and terminology
- Skarn-forming processes and evolutionary stages;
- General characteristics of major skarn types (Au, Cu, W, Sn, Pb-Zn, Fe, Mo, and others)
- Zonation in skarn systems
- Factors affecting the formation of skarns and zonation patterns
- Skarn exploration techniques



XIX CONGRESO PERUANO DE GEOLOGÍA

RATES

Until 17.08		From 18.08	
Members	Non-Members	Members	Non-Members
650	750	780	900
USD			
General Sales Tax included			

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Larry Meinert

Society Economic Geologist (SEG)



BIOGRAPHY

Larry Meinert is Deputy Associate Director –Energy & Mineral Resources at the U.S. Geological Survey where he is responsible for leading the research, assessment, and information-gathering functions of more than 500 scientists. Previously he served in Congress as an AAAS Congressional Fellow in the offices of Senator Chris Coons (DE) and Rep. Gabrielle Giffords, (AZ 8th), staffing the Senate Energy and Natural Resource Committee and the House Science, Space, and Technology Committee. Prior to that he had a successful academic career spanning three different universities where he managed research laboratories and advised dozens of postdoctoral scientists and Ph.D., M.S., and B.S. students engaged in cutting edge mineral resource research, funded by NSF and private industry. He has an active research program with more than 200 peer-reviewed publications and is chief editor of the leading international scientific journal in this field, Economic Geology. He earned a Ph.D. degree in geology from Stanford University and B.A. from Carleton College. In his spare time he operates a small winery specializing in a barrel-fermented Bordeaux blend of Cabernet Sauvignon, Carmenere, and Malbec. In 2011 and 2014 he ran the Boston Marathon and has completed all the major military marathons, including the Marine Corps Marathon in 2013.

SCHEDULE

27 Set. 2018

07:30-08:00	Registration
08:00-09:45	Session 1
09:45-10:15	Coffee/tea break
10:15-12:00	Session 2
12:00-14:45	Session 3

28 Set. 2018

08:00-09:45	Session 4
09:45-10:15	Coffee/tea break
10:15-12:00	Session 5
12:00-14:45	Session 6

LOCATION

Instituto de Ingenieros de Minas del Perú
Los Canarios 155 La Molina

PARTICIPANTS

MINIMUM	: 15
MAXIMUM	: 40

This course will be conducted in English.