



Exploration for Skarn Deposits

C 02

SET 27-28, 2018
 09:00 - 13:00 / 15:00 - 18:00

SHORT COURSE

Instructor:

Larry Meinert
 Deputy Associate Director
 Energy & Mineral Resources
 at the U.S. Geological Survey



SHORT COURSE DESCRIPTION

Exploration for Skarn Deposits - 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. The short course will cover the following topics: 1) Introduction, definition and mineralogy; 2) Classification and terminology; 3) Skarn-forming processes and evolutionary stages; 4) General characteristics of major skarn types (Au, Cu, W, Sn, Pb-Zn, Fe, Mo, and others); 5) Zonation in skarn systems; 6) Factors affecting the formation of skarns and zonation patterns; and 7) Skarn exploration techniques.



XIX CONGRESO PERUANO DE GEOLOGÍA

RATES

Until 31.08		From 1.09	
Members	Non-Members	Members	Non-Members
650	750	780	900
USD			
General Sales Tax included			

REGISTER NOW
registrocpg@sgp.org.pe

www.congresosgp.com

Sociedad Geológica del Perú
 Av. 28 de Julio 745 Miraflores, Lima - Perú
 Teléfonos: (511) 444 1180 / 6281150 ext. 105

Instructor:

Larry Meinert
 Deputy Associate Director
 Energy & Mineral Resources
 at the U.S. Geological Survey

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.

**This course will be conducted
 in English.**

PARTICIPANTS

MINIMUM : 15
 MAXIMUM : 40

The registration includes the following attendee´s benefits:

- Course material
- Certificate of participation
- Coffee breaks

METHODS OF PAYMENT

Deposit or Bank Transfer

USD Current Account
 BANCO DE CREDITO DEL PERU
 Nº 191-2500708-1-85
 CCI 002-191-002500708185-51
 SWIFT: BCPLPEPL Bank services must be
 paid by participant.
 Please attach Bank transfer slip:

VISA on line



Please attach Bank deposit slip
 registrocpg@sgp.org.pe