



GEOLOGY FOR NON-GEOLOGISTS

WORKSHOP LIMA, PERÚ
09th DECEMBER

Presenter: Dr. Stuart Smith
with simultaneous translation

More information: info@chilexplorgroup.cl

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09th December 2021 – Lima, Perú

Dr. Stuart Smith



Currently Stuart is an advisor and non-executive director for several listed and private exploration companies with interest in Peru, Chile, Mexico and Australia. He has more than 30 years of global exploration experience spanning the spectrum from global Project generation to mine geology with a track record of Discovery in brownfields and greenfields arenas. Previous positions include the role of Specialist Global Copper for Teck, based in Santiago, Chile in which he had responsibility for Teck's global Cu exploration portfolio. Before joining the Canadian Miner , Stuart was Chief Geologist for the Oxiana – OZ Minerals – MMG group of companies and subsequently with the founders of Oxiana in the G-Resources, Tigers Realm and EMR companies. In these roles Stuart was responsible for activities across the

full spectrum from global Project identification and review to brownfields exploration and in-mine resource evaluation. Stuart holds a BSc (Hons 1) degree from the university of new England , Armidale, Australia and PhD from CODES at the University Tasmania, Australia

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www.chilexplorgroup.cl/geology-for-non-geologists



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Workshop Lima, Perú - Virtual

PROGRAM
09th DECEMBER

09:00 am to 06:00 pm (GMT -5)

MODULE

DESCRIPTION

Earth History	How the earth was formed, key events in Earth history, Plate Tectonics.
Rock Classification	Basics of rock naming with an emphasis on those rocks encountered in mineral deposits.
Structural Geology	Basics of structural geology with an emphasis on their influences on mineral deposits.
Ore Deposit Models 1	What do we know about how mineral deposits form? What is an Ore Deposit model, what is an Exploration model? How do we use models in exploration?
Ore Deposit Models 2	Basic descriptions of several key models, including porphyry copper, epithermal gold, iron oxide copper-gold, iron-ore, oil-gas.
Exploration Techniques	The Exploration lifecycle – stages and key techniques in mineral exploration. Including geology, geochemistry, geophysics and drilling.
Reporting	Exploration data reporting and basics of Mineral Resource/Reserve estimation with reference to the NI-43-101 and JORC reporting systems.

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