

Exploring a Career in the Minerals Industry

Wednesday, 21 August 2019, 11 a.m. MDT

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About the Webinar

Mineral resources are essential for the world, from precious metals such as gold and their relationship to the global economy, base metals & rare earth minerals and their use in electronics through to industrial minerals used in creation of steel and other construction materials used in our everyday lives. In the past century these non-renewable resources have become both more readily mined and technically challenging to reach. This webinar will feature the perspectives of a senior project manager and a student near graduation on what a geologist does in this important sector and what it takes to work within this industry.

Geologists in the hard-rock sector are engaged in the discovery of metals & minerals as well as their interpretation and potential extraction. The mine development cycle creates opportunities for geoscientists in exploration, modelling, environmental, geotechnical, and production teams. Geoscientists in this field can work either for contracting and consulting firms or directly for corporations ranging in size from junior explorers to multi-national mining firms. Opportunities can include working in remote locations in the field and/or undertaking interpretation from regional centers. This often involves being part of a cross-functional team. As with any industry, demand fluctuates with the market, but skilled workers are always needed, and a good mining company invests in developing safe, long-term projects. Exploration and mining geologists work to fulfill the world's mineral needs with integrity, expertise, and safety while facilitating community involvement, job creation, and transparency.

About the Presenters



Terry Briggs is part of a Regional Leadership Team currently supporting the South America region of Newmont Goldcorp with operations in Peru, Argentina, and Suriname as well as projects and joint ventures across the region. Previous roles at corporate in Newmont Goldcorp included leading the Geology Function within the Global Technical Services Group as well as running due diligence activities of assets for potential M&A within Corporate Development. Prior to joining Newmont, he worked at a variety of base and precious metal, open pit and underground operations in Australia, Eastern Europe, and South East Asia in both geological and operations management roles. He holds a master's in Engineering (management) from the University of Colorado and a bachelor of science (specializing in economic geology) from Monash University.



Elaine Lord holds a bachelor's of science (hard rock emphasis) from Northern Illinois University, is pursuing a MSc. degree at the University of Alberta, and is currently interning at Newmont Goldcorp as a resource modeler. She has been part of the geological community since her childhood and has studied fossils, paleo-ecology, and resource modeling. Elaine has held positions ranging from GeoCorps park geologist intern to fossil preparator intern at the Field Museum, but has settled into mineral production geosciences as a career choice.

For questions email Tahlia Bear, tbear@geosociety.org