Geometallurgy—Value Created at CC&V Gold Mine

Abstract:
Geometallurgy aims to create value through an improved understanding of the ore characteristics within a deposit. This knowledge can be utilized through collaboration with metallurgy, mine engineering, environmental, and resource modeling groups in order to optimize domains, quantify risk, determine recovery, reduce cost, and increase throughput. Decreasing grades and increasing ore complexity across the world have driven the development of geometallurgy and Newmont Goldcorp’s Cripple Creek and Victor Gold Mine has seen significant value added by this field in the last few years.

Bio:
Richard Zaggle has been working in the mining field for over seven years as an exploration geologist, production geologist, and for the last three years as a metallurgist. His work is focused on ore characterization, recovery and throughput modeling, and long term projects regarding geometallurgy. He holds a Bachelor of Science in Geology from the University of Northern Colorado and a Master of Science in Geoscience from Colorado State University.