

2023 EPISODE III: EP WEBINARS BY EPs

ESTIMATING MINING RESERVES

FRIDAY, OCTOBER 13 | 11 – 11:30 AM | Zoom

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Join Us as Lane Covers the Process of Estimating Mining Reserves

Goal: Estimate the quantity of rock reserves that could be extracted from an open pit mine to evaluate whether desired mine-life and production rates would be feasible

Scope: Conduct geological mapping and drilling to characterize the mineralogy of the rock within the proposed mining area and identify faults and other waste zones that may impact mining reserves to estimate total economically attractive rock that could be mined for three commercial end uses



Lane Klansek, EIT

Associate Consultant, WSP

Lane Klansek is an Assistant Consultant at WSP. She began working for WSP in August of 2021 after receiving her Bachelor's degree in Civil & Environmental Engineering in 2020 and her Master's degree with a focus in Geosystems Engineering in 2021 from UC Berkeley. Lane has experience in geotechnical engineering analyses such as slope stability analyses, settlement analyses, and bearing capacity calculations. She also has experience in field exploration and inspection, including oversight of drilling programs, piezometer and inclinometer monitoring, and quality assurance of various construction processes. She has worked on a variety of projects in the mining, waste, and urban development sectors in Northern California. Her primary role at WSP is performing engineering analyses for slopes and earthen structures, preparing reports, permits, proposals, and health and safety plans, and conducting geotechnical investigations in the field.

