

Carcross - Wednesday, September 12, 2018

Session #7 - Collaboration in Reclamation Projects

Time 225pm-245pm

Topic Environmental and Economic Assessment of Remediation Options for an Abandoned Legacy Mine Site

Abstract

Underground mine drainage is currently flowing directly to the environment from the historic Tulsequah Chief Mine in northern BC resulting in fish toxicity issues. The current study looked at the reasons why the previous remediation efforts have not been successful and developed options for returning the site to compliance and possibly supporting new mine development. Considerations include practicality given the remote site location, expected performance, costs and stakeholder expectations. A path forward for advancing the study is presented.

Presenter(s) Stephan Theben, SLR Consulting Canada

Bio(s)

Mr. Theben is a Managing Principal and Mining Sector Lead for SLRs Canadian Operations. He has provided engineering and environmental services for over 20 years for mining and other projects in over 25 countries in North America, South America, Europe, Africa and Asia. His experience includes work with prefeasibility and feasibility studies, EPCM, site construction, Environmental Assessments (EAs), management plans, environmental permitting and stakeholder consultation, including First Nations and Métis and closure planning. Currently Mr. Theben is involved in several mine closure and remediation projects across North America, spanning from closure planning of a greenfields mine site to the management of several closed sites.