



# Policy Foreshadowing: What is EMLI Thinking?

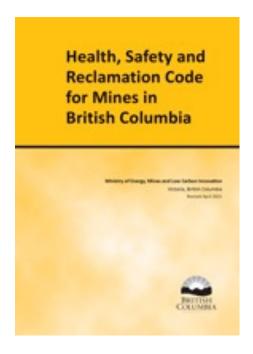
2022 BC MEND ML/ARD Workshop Vancouver, BC

Kelsey Norlund, PhD, PGeo Manager, Environmental Geoscience Major Mines Office, EMLI





What is EMLI Geoscience thinking?



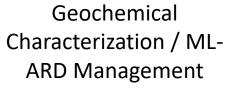
Joint Application Information Requirements
for
Mines Act and Environmental Management Act Permits

Prepared by:
British Columbia Ministry of Energy, Mines and Petroleum Resources
&
British Columbia Ministry of Environment and Climate Change Strategy

September 2019



 What is EMLI Geoscience Thinking in terms of...?





Water Management



Water Quality Mitigation





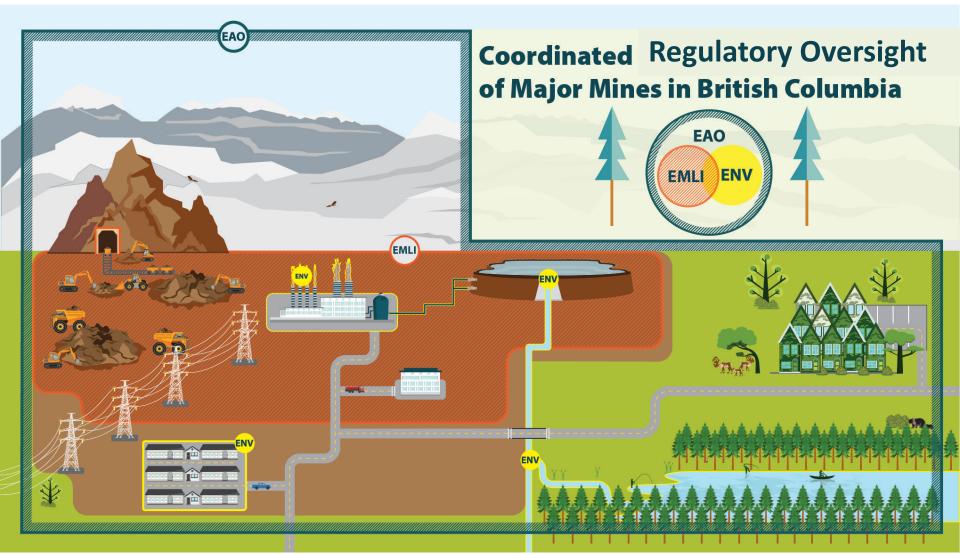


### Mine Water Management

- EAO ensures projects are designed, built, and operated to avoid or mitigate significant adverse effects to the environment, heritage, health, social, and economic values, and Indigenous rights and interests (Environmental Assessment Act)
- EMLI is responsible for activities on the mine site, including water quality mitigations, focusing on mine design, operation, and worker health and safety (Mines Act)
- ENV is responsible for regulating the quantity and quality of any discharge to the environment that may leave the mine site (Environmental Management Act)

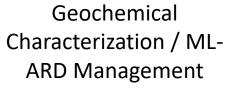








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Water Management



Water Quality Mitigation







#### POLICY FOR

METAL LEACHING

AND ACID ROCK DRAINAGE

AT MINESITES IN BRITISH COLUMBIA

July 1998

Issued by

Ministry of Energy and Mines and Ministry of Environment, Lands and Parks



## GUIDELINES FOR METAL LEACHING AND ACID ROCK DRAINAGE AT MINESITES IN BRITISH COLUMBIA

William A. Price and John C. Errington

MINISTRY OF ENERGY AND MINES

August 1998







POLICY FOR

METAL LEACHING

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**GUIDELINES FOR METAL LEACHING** 

AND ACID ROCK DRAINAGE

AT MINESITES IN BRITISH COLUMBIA

Ministry of Energy, Mines and Low Caron Innovation

2022







Professional reliance



OSPG Office of the Superintendent of Professional Governance







#### POLICY FOR

METAL LEACHING

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AT MINESITES IN BRITISH COLUMBIA

2023

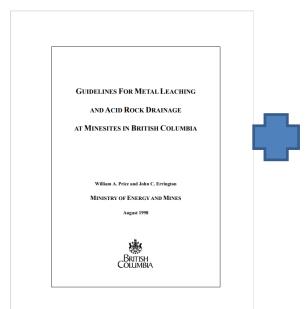
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Ministry of Energy, Mines and Low Carbon Innovation











Science and experience from the last 10+ years



Expert committee input and a lot of hard work





**GUIDELINES FOR METAL LEACHING** 

AND ACID ROCK DRAINAGE

AT MINESITES IN BRITISH COLUMBIA

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**Practice Advisory** 

**Professional Practice Guideline** 



Thank you. I look forward to the discussion.



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Ministry of Energy, Mines and Low Carbon Innovation

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