

## Green Mining

British Columbia & Yukon	
Grade 9	
<u>Big Ideas:</u>	<ul style="list-style-type: none"><li>• The biosphere, geosphere, hydrosphere, and atmosphere are interconnected, as matter cycles and energy flows through them.</li></ul>
<u>Curricular Competencies:</u>	<ul style="list-style-type: none"><li>• Connect scientific explorations to careers in science</li><li>• Generate and introduce new or refined ideas when problem solving</li><li>• Contribute to finding solutions to problems at a local and/or global level through inquiry</li><li>• Communicate scientific ideas, claims, information, and perhaps a suggested course of action, for a specific purpose and audience, constructing evidence-based arguments and using appropriate scientific language, conventions, and representations</li></ul>
<u>Content:</u>	<ul style="list-style-type: none"><li>• a systems approach to sustainability sees all matter and energy as interconnected and existing in dynamic equilibrium (e.g., carbon as a key factor in climate change, greenhouse effect, water cycle, etc.)</li></ul>