BLM – Safe and Secure: Nuclear Waste Storage

Name: _____   Date: _____   Class: _____

Deep Geological Repository Rubric

	Level 1 *The student:*	Level 2 *The student:*	Level 3 *The student:*	Level 4 *The student:*
Knowledge and Understanding				
Understanding of the geological characteristics required to safely host a Deep Geological Repository (DGR) for Canada's used nuclear fuel	Demonstrates limited understanding of geological characteristics required to safely host a DGR	Demonstrates some understanding of geological characteristics required to safely host a DGR	Demonstrates considerable understanding of geological characteristics required to safely host a DGR	Demonstrates thorough understanding of geological characteristics required to safely host a DGR
Thinking and Investigation				
Use of critical thinking processes, skills and strategies (e.g. selecting and justifying a location for a DGR on the basis of evidence)	Uses critical/creative thinking processes, skills and strategies with limited effectiveness	Uses critical/creative thinking processes, skills and strategies with some effectiveness	Uses critical/creative thinking processes, skills and strategies with considerable effectiveness	Uses critical/creative thinking processes, skills and strategies with a high degree of effectiveness
Use of information-gathering skills and strategies (e.g. selecting, integrating and synthesizing information using an electronic atlas (The Atlas of Canada))	Uses information-gathering skills and strategies with limited effectiveness	Uses information-gathering skills and strategies with some effectiveness	Uses information-gathering skills and strategies with considerable effectiveness	Uses information-gathering skills and strategies with a high degree of effectiveness
Communication				
Expression and organization of ideas and information (e.g. communication in writing and/or in electronic presentations using appropriate language)	Expresses and organizes ideas and information with limited effectiveness	Expresses and organizes ideas and information with some effectiveness	Expresses and organizes ideas and information with considerable effectiveness	Expresses and organizes ideas and information with a high degree of effectiveness
Application				
Proposal of a course of action to deal with problems relating to science, technology and society (e.g. how to deal with the long-term storage of used nuclear fuel)	Proposes a theoretical course of action with limited effectiveness	Proposes a theoretical course of action with some effectiveness	Proposes a theoretical course of action with considerable effectiveness	Proposes a highly effective theoretical course of action

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