

Achievement Criteria Category	Level 1	Level 2	Level 3	Level 4
Knowledge & Understanding	Demonstrates limited knowledge of specific issues related to metal mining.	Demonstrates some knowledge of specific issues related to metal mining.	Demonstrates considerable knowledge of specific issues related to metal mining.	Demonstrates a high degree of knowledge of specific issues related to metal mining.
Thinking and Investigation	Formulates research questions with limited effectiveness.	Formulates research questions with some effectiveness.	Formulates research questions with considerable effectiveness.	Formulates research questions with a high degree of effectiveness.
Communication	Communicates a position on the issue with supporting evidence, using appropriate scientific vocabulary, with limited effectiveness and clarity.	Communicates a position on the issue with supporting evidence, using appropriate scientific vocabulary, with some effectiveness and clarity.	Communicates a position on the issue with supporting evidence, using appropriate scientific vocabulary, with considerable effectiveness and clarity.	Communicates a position on the issue with supporting evidence, using appropriate scientific vocabulary, with a high degree of effectiveness and clarity.
Application	Identifies a position on the issue with support from various perspectives and stakeholders with limited effectiveness. If necessary, proposes alternative course of practical application and provides rationale with limited effectiveness.	Identifies a position on the issue with support from various perspectives and stakeholders with some effectiveness. If necessary, proposes alternative course of practical application and provides rationale with some effectiveness.	Identifies a position on the issue with support from various perspectives and stakeholders with considerable effectiveness. If necessary, proposes alternative course of practical application and provides rationale with considerable effectiveness.	Identifies a position on the issue with support from various perspectives and stakeholders with a high degree of effectiveness. If necessary, proposes alternative course of practical application and provides rationale with a high degree of effectiveness.

