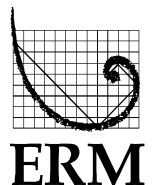


**BRUCEJACK GOLD MINE PROJECT**  
Application for an Environmental Assessment Certificate /  
Environmental Impact Statement

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## **Appendix 20-B**

### Thresholds for Likelihood and Confidence Criteria



## Appendix 20-B. Thresholds for Likelihood and Confidence Criteria

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The thresholds for likelihood and confidence criteria are as follows:

- **Probability:** This refers to the likelihood that an adverse effect will occur in circumstances where it is not certain that the effect will materialize. The corresponding significance levels are defined as:
  - *Low*: an effect that is unlikely, but could occur;
  - *Medium*: an effect that is likely, but may not occur; or
  - *High*: an effect that is highly likely to occur.
- **Confidence, Uncertainty, and Risk:** Confidence, which can also be thought of as scientific uncertainty, is a measure of how well residual effects are understood, which includes a consideration of the acceptability of the data inputs and analytical methods used to predict and assess Project effects. It depends on the certainty of the predicted outcome, and it allows the decision-maker to evaluate risk associated with the Project. Confidence is defined as:
  - *Low* (< 50% confidence): The cause-effect relationship(s) between the Project and its interaction with the environment is poorly understood and/or data for the Project area or scientific analyses are incomplete, leading to a high degree of uncertainty;
  - *Medium* (50 to 80% confidence): The cause-effect relationship(s) between the Project and its interaction with the environment is not fully understood, and/or data for the Project area or scientific analyses are incomplete, leading to a moderate degree of uncertainty; or
  - *High* (> 80% confidence): The cause-effect relationship(s) between the Project and its interaction with the environment is well understood, and/or data for the Project area or scientific analyses are complete, leading to a low degree of uncertainty.