

# **Appendix C**

## **Presentations:**

### **Project Overview – Mining and Processing**

#### **✓ Environmental Assessment Process**

#### **Surface and Groundwater Effects and Mitigation/Management**

#### **Other Environmental Effects and Mitigation/Management**

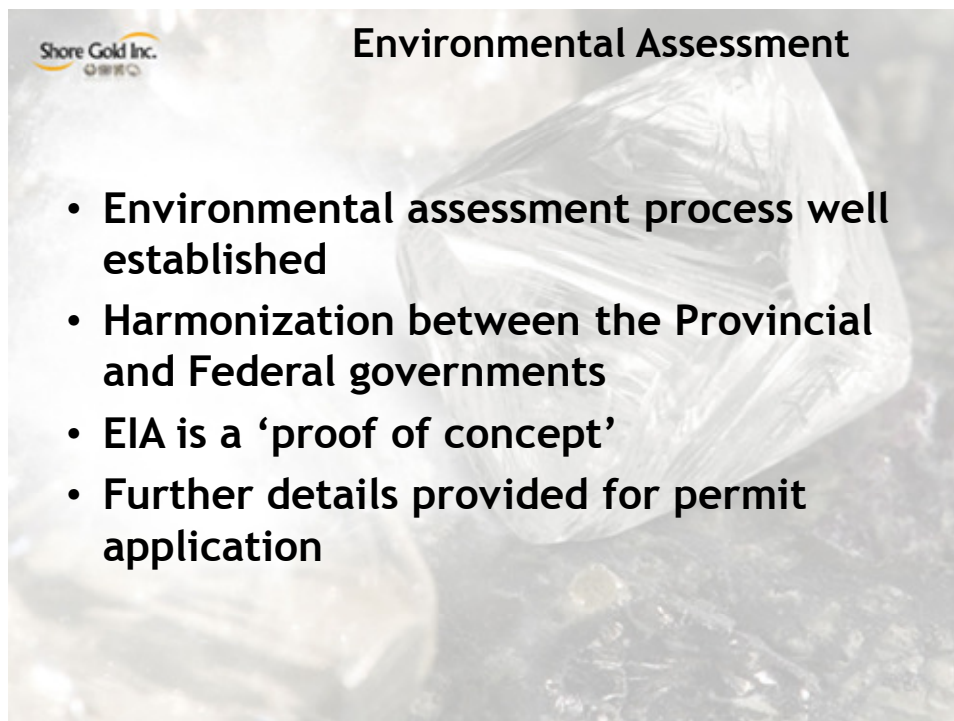


## **Environmental Interests Workshop**

### **Shore Gold Star-Orion South Diamond Project**

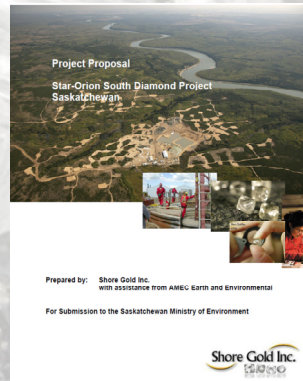
## Presentation

Environmental Assessment process overview — Ethan Richardson, Environmental Manager, Shore Gold



## Environmental Assessment- Timeline

- Project proposal submitted November 2008
- Provincial project specific guidelines November 2009
- Federal comprehensive study determination December 2009
- Federal scoping document May 2010



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## Environmental Assessment- Timeline

- EIS projected submission: December 2010
- 12 month provincial review
  - 3 month permit review
- 16-18 months federal review
- Parallel- feasibility study, detailed design, financing

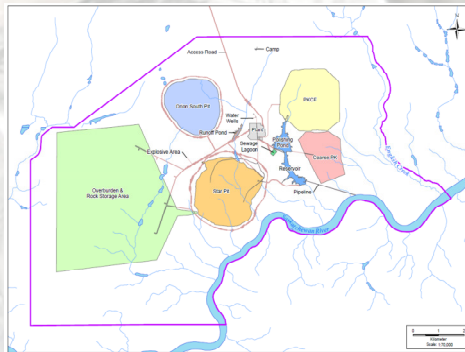
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## Environmental Impact Statement

- Description of the Project
- Description of Baseline conditions
- Prediction and assessment of potential impacts
- Discussion of mitigation measures or enhancement of positive effects
- Assessment of residual impacts
- Assess cumulative effects

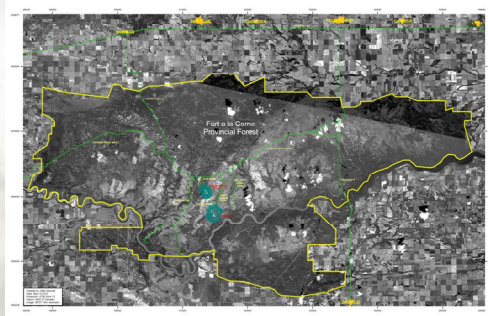
## Environmental Assessment

- Three Cases
- Baseline Case
- Project Case
  - Three phases
    - Construction
    - Operation
    - Decommissioning
- Cumulative Case



## Cumulative Effects Case

- **Cumulative Effects Assessment**
  - Exploration drilling: Orion North and Center
  - Future forestry
  - Power line (ancillary development)
    - Separate SaskPower process
  - Hydro dam?



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## Effects Attributes

- **Valued Ecosystem Components**

- Magnitude
- Geographic extent
- Duration
- Frequency
- Reversibility
- Ecological Context
- Level of Confidence
- Probability



## Stakeholder Input- Issues Scoping

- **Diamond Development Advisory Committee**
- **Open Houses (Feb. 2009, June 2010)**
- **Ongoing meetings**
- **Review of proposed Project Specific Guidelines and Scoping Document**



## Stakeholder Input- EIA

- **Environmental Assessment: Preliminary Discussions**
  - **Interests workshop October 2010 – TODAY!**
- **Environmental Impact Statement**
  - **30 day public review following government/technical review of the EIS**

