## Topics For Today

- Who is Teck
- APEC mine closure checklist
- Teck’s approach to closure
- Case study of a successful transition
Company Overview

• Diversified resource company, committed to responsible mining and mineral development

• Major business units focused on copper, steelmaking coal, zinc and energy

• Own or have an interest in 12 mines, one large metallurgical complex, and several major development projects in the Americas

• Over 100 years of experience
APEC Mine Closure Checklist

- **What**
  - Teck was a private sector representative on the APEC Checklist Steering Committee

- **Why**
  - Support complete and comprehensive regulation of all aspects of our industry.
    - Historically closure was done poorly
    - Industry needs all companies to do a good job
  - Clear closure regulation enables proper planning during design and operation
Teck’s Approach to Closure

• Planning begins early and advances over mine life
• Progressive reclamation is a goal at all of our operations
• Community input sought and incorporated
• Governments and companies need to work together to prepare for closure
• Community preparation for closure must begin long before operations cease
Teck Management Of Closed Sites

- More than 100 closed sites, largely in North America
- Staff dedicated to management of closed sites
- Annual spend between 25-35 M $CDN
Lead/zinc/silver mine operated 1909-2001

Surface water and groundwater affected by:
  - Acid rock drainage (sulphide oxidation)
  - Mine workings, waste dumps & tailings impoundments

Reclamation from 1990 to 2010 (>70M CDN)

Seepage collection – water management

Water treatment
• Sullivan still a significant ‘operation’ and an important part of the community
• Ongoing water management & treatment - ~1.7M m³/yr
• Ongoing land and forest management
• Solar energy “farm” – the SunMine