

# The Joys and Challenges of Producing Forest Products on Mined and Reforested Lands

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# First Challenge

- Create productive sites during surface mining
  - Low compaction
  - Right mine spoil type













# Second Challenge

- Non-competitive groundcover











# Third Challenge

- Competent tree planting contractor









# Landowner Involvement

- Planning/permitting
- Interacting with coal operators and inspectors
- Coordinating tree planting
- Monitoring and evaluating success/failures
- Promoting/educating





Watch them grow...

















**1998**



**2006**

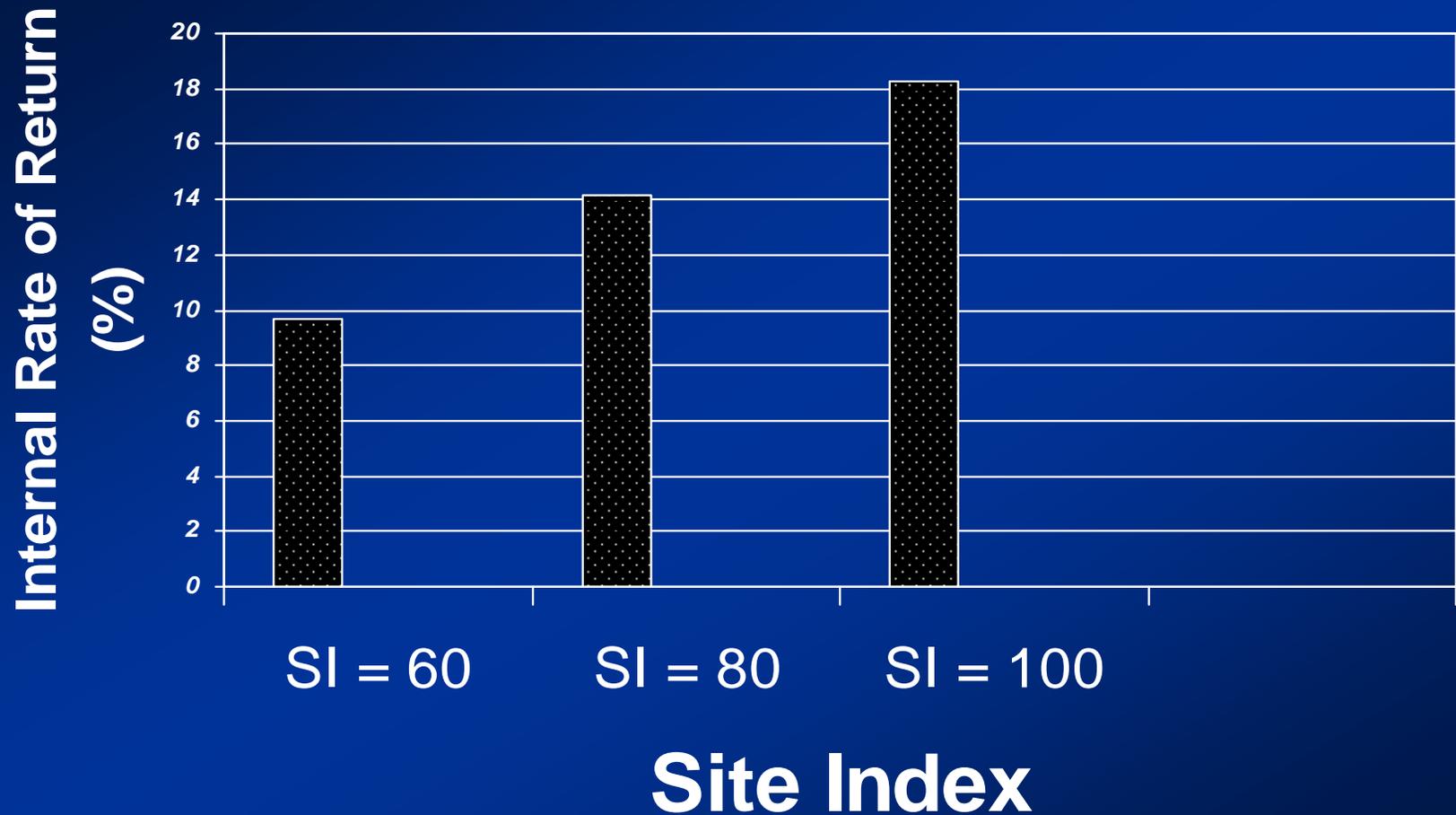


# Long-Term Benefits of Productive Forest Land

- Environmental Stability
  - Permanent erosion control
  - Slope stability
  - Water quality
  - Wildlife habitat
- Land-use Potential/ Financial Returns



# Effect of Site Factors on Rates of Return



# Impact of Remediation on Internal Rate of Return









Questions????

