

**BC Timber Sales
Skidegate/Mosquito Lakes
Second Growth Strategy
March 27, 2008**



The Beginning

Study Area



Purpose

- Second Growth has been a topic of discussion in several documents.
- In order to meet its mandate, BCTS has attempted to develop a 2nd Growth Sustainability Plan for the Mosquito / Skidegate Lake operating areas.
- The objective was to identify risks and opportunities associated with EBM implementation and non forest resources.



Considerations

- Land Use Plan Recommendations
- Community Viability Strategy Report
- EBM Assumptions
- BCTS' Mandate regarding timber pricing.



Sensitivities – What we were not trying to do

- Be part of government to government negotiations
- Be part of land use planning process
- commit anyone to anything at any level other than to share what they know



Why?

- EBM pilot project is part of a broader Planning exercise that is essential to our business.
- Planning horizon will extent into an administrative and regulatory future that is significantly different than today – the future is upon us!
- Need to anticipate and measure the full range of potential impacts that those changes will have on our business.
 - Fiscally imprudent not to
 - Stewardship requirement



Why?

- Trying to influence that environment ???
 - Currently there is a lot of talk and not a lot of data
 - Without data we don't have an argument – we're not at the table



Why?

- Forest Stewardship and other Planning requirements
 - Conversation will not be redundant, tools and data set required to model objectives and strategies will be similar
 - Require spatial tool to monitor results and strategies and comply with legislative requirements



Potential Outcomes

- Start professional/technical discussion in non-'political' workgroup – community of practise
- develop a standard language of discussion
- Information sharing
- Develop data collection requirements
- Develop shared data format
- Develop data modeling and analysis tools and make them available
- Develop a range of management objectives and identify potential impacts
- Develop potential operational solutions



The Outcomes To date

March 27, 2008

Photo: Paul Wray, Iowa State University, Bugwood.org

Accomplishments to date



- ▶ **Timber Supply analysis done using SELES modeling.**
- ▶ **TRP**
- ▶ **Mushroom Study**
 - ◆ Preliminary study to develop a habitat capability mapping process to aid in forest management.
- ▶ **Process to implement some of the EBM principles at:**
 - ◆ the landscape, and
 - ◆ The stand levels



Successes:

1. Four TSL advertised

- ◆ EBM can be implemented at stand level.
- ◆ When sold, data can be used for timber pricing.

2. Data available that can be utilized to analyse EBM implementation

TRP Results:

- ▶ Stands are 50 to 60 years old
- ▶ Stands are of commercially viable size.
- ▶ A rotation of 70 yrs is achievable even when applying the most constraining SLUA objectives (RFF buffers).
 - ◆ (4.7 polygons per year=117.3 ha. Aver vol=669.9 = 78,575 m³/year.
- ▶ Management of Non forest resources is possible (mushrooms)



Continuous Improvement

Results ctd..

Table 1. TRP area summary

Description	Size (ha)	% of Gross THLB	% of Total Area
Total subject area	18,566.5	--	--
Gross THLB	16,456.3	--	88.6
Net THLB	11,493.5	69.8	61.9
Net THLB minus marginal polygons	9,423.0	57.3	50.8
Net THLB, minus marginal polygons, with harvestable % = 59.8 (from recce)	8,211.7	49.9	44.2



Continuous Improvement

Area Definition:

► Gross THLB:

- ◆ Total forested area (412 Polygons)

► Net THLB:

- ◆ Gross THLB minus mapable SLUA and other legislated constraints done by GIS (Fish stream class, MAMU, Visuals).

► Net THLB – Marginal Polygons:

- ◆ THLB minus polygons located in steep and poor growing sites, high elevation.

► Net THLB – Marginal Polygons, with harvestable %= 59.8.

- ◆ THLB minus marginal polygons, then, considering stand level constraints (accommodation for cultural values, immature stands).



Continuous Improvement



Continuous Improvement

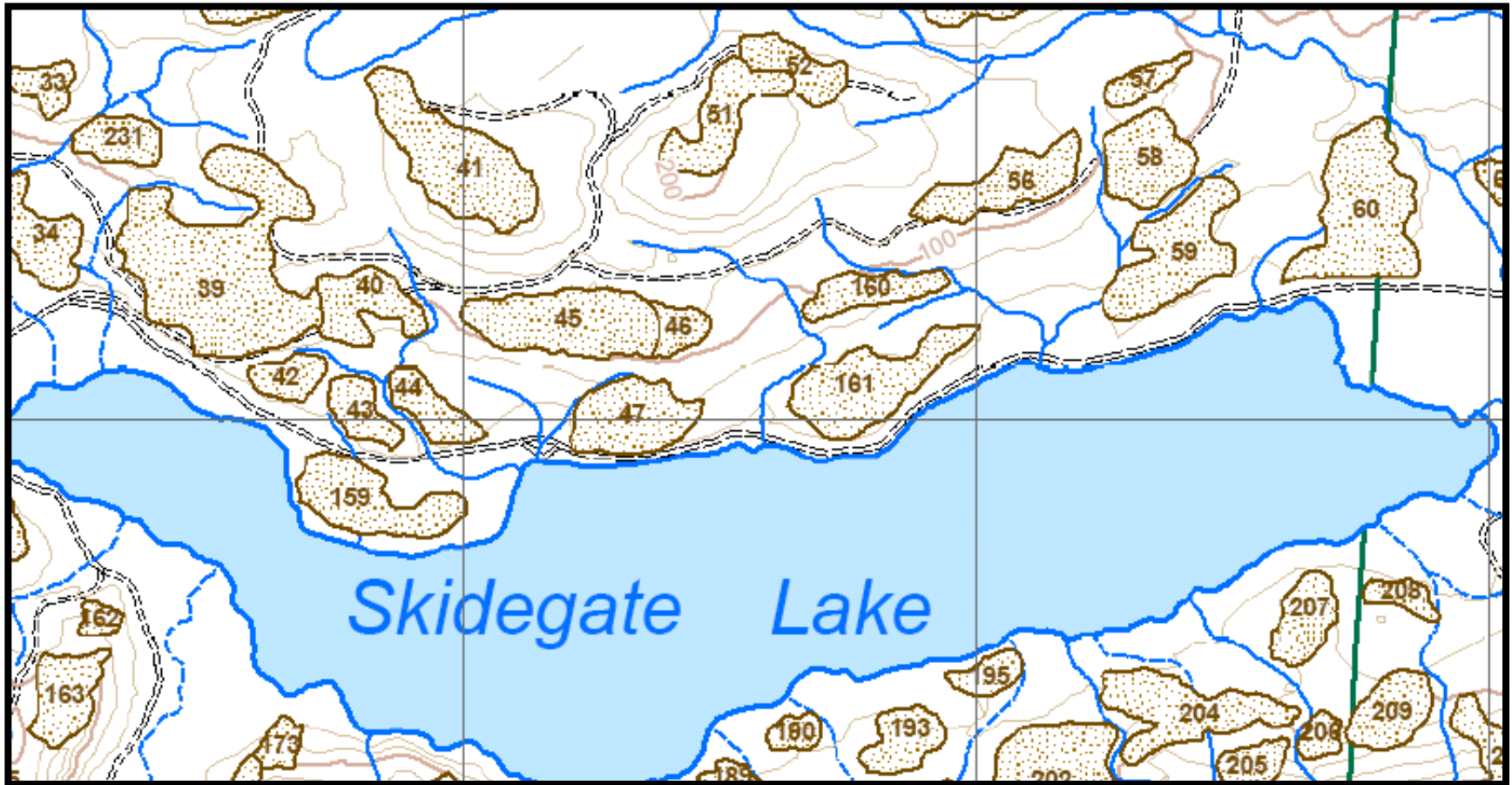
Preliminary Mushroom Cap Map



Continuous Improvement

Forest Service
British Columbia

Preliminary Mushroom Cap Map...



Continuous Improvement

Where do we go from here:

- ▶ **BCTS would monitor the SLUA implementation**
- ▶ **BCTS would monitor the 2nd Growth market**
- ▶ **BCTS to strive to be an active participant in strategic committees considering its experience on this project.**
- ▶ **BCTS to apply continue improvement and adaptive management to its practices within the two operating areas.**



Continuous Improvement

The End

