

Branch 13 Block Summary Report  
FFT – 93E099-553  
Free Growing Forestry

February 25, 2010

93E099-553

Net area: 105.8 ha

*Stand description:*

I would call the entire stand one standard unit, SBS mc 01(100%).

Pl(Sx)423, ~250m<sup>3</sup>/ha, ~0.24m<sup>3</sup>/tree, ~90%Pl, 5%Sx, 5%Bl. The pine was 65 years old.

Average stems/ha: 1100

Average DBH: 22

Average age: 65

The stand is largely infested with mountain pine beetle ~70% attack of which most are now grey. The north half of this block has ~25% blowdown.

*Riparian:*

Stream 1: Information we have from the stream further downstream shows it as a S6. This stream is entirely outside of the block on the northeast side. It is 25m to the boundary at the closest point so the RMA is completely outside of the block.

Stream 2: This stream is in a treed swamp ~50+m outside the harvest area. The RMA is completely outside of the block.

There is a treed swamp outside of the west boundary from RT49 to RT61. It is 15m to the boundary at its closest point.

No management is necessary for either stream or the treed swamp.

*Spurs:*

There are 4 spurs in this block, 2 existing roads that need upgrading and two new spurs.

The main existing road, spur 1, is grown in with pine and alder and needs to be bladed to be usable. Spur 2 is also grown in and needs to be bladed as well.

Spur 1 (existing road portion inside this opening) is 1565m long, there are no crossings on the road. Grass seed disturbed soil surface the first spring following harvesting.

Spur 2 (existing road) is 475m long, there are no crossings on the road. Grass seed disturbed soil surface the first spring following harvesting.

Spur 3 is 2494m long, there are no crossings on the road. Grass seed disturbed soil surface the first spring following harvesting.

Spur 4 is 200m long, there are no crossings on the road. Grass seed disturbed soil surface the first spring following harvesting.

Skids are ~250m or less. The ground slopes downhill at ~10% to the west and north. We put in a long loop road (spur 3) to maximize favourable skidding. There is one long corner near RT13 that is ~350m to the spur. This is a small area with small volume so we decided not to put a spur into it to keep the amount of spurs to a minimum.

#### *Harvesting constraints:*

The block is mainly flat with little to constraint harvesting. There is a small amount of adverse skidding from the west boundary to spur 3 but it is very short ~25-50m so it should not be any problems for harvesting.

Most of the skidding is ~250m.

Reserve tree specs: immature balsam in clumps where possible.

Soil disturbance limits: 10%. I did not sample the soils because they were frozen and under snow, but this is consistent with nearby blocks we have looked at for other clients.

#### *WTP Potential:*

There are several areas inside and outside this block that would be good WTP candidates.

I marked 7 on the map as follows:

WTP 1: This WTP is in the south part of the block is partly spruce and partly immature pine.

WTP 2: This is an internal WTP, Sx(PI)432 in the centre of the block.

WTP 3/4: These WTPs are split by spur 2 and are Sx(Pl)432

WTP 5: This WTP is external on the northeast end of the block, Sx(Pl)432

WTP 6: This WTP is external on the north end of the block, Sx(Pl)432

WTP 7: This WTP is external on the west end of the block, Sx(Pl)432

*Cultural Heritage Features:*

I saw no CMT's or any other cultural heritage feature.

*Wildlife:*

There is evidence of moose in the area but there are no special wildlife features of concern.



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