

Branch 13 Block Summary Report
FFT – 93E089-514
Free Growing Forestry

February 25, 2010

93E089-514

Net area: 28.9 ha

Stand description:

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

Pl(Sx)423, ~250m³/ha, ~0.25m³/tree, ~90%Pl, 5%Sx, 5%Bl. The pine was 65 years old.

Average stems/ha: 1200

Average DBH: 22

Average age: 65

The stand is largely infested with mountain pine beetle ~70% attack of which most are now grey.

Riparian:

Wetland 1- This is a W3 wetland and is 15m+ outside of the east boundary. There is very little understorey to retain in the RMA so I recommend leaving green pine to meet any RMA retention requirements.

Management: Establish a 30m RMA in the block, retain 20sph of 7.5cm DBH and greater balsam, spruce, or green uninfested pine.

Wetland 2 - This is a W3 wetland and is 50m+ outside of the southeast boundary. The RMA is completely outside of the block.

Stream 2 – This stream flows 15m+ outside of the east boundary. There is very little understorey to retain in the RMA so I recommend leaving green pine to meet any RMA retention requirements. It was very difficult to determine if this was indeed a stream or an NCD due to snow. Branch 13 crosses this stream but I could not find any structure they used to cross the stream. The structure is a culvert at best so my guess is this is not a

fish-bearing stream. That being said, this stream eventually flows into Boden Lake, which does have fish. This part of the stream is a long ways from there and is at the very upper reaches (the other side of Branch 13 is a treed swamp) so I would bet it is an S6 at best.

Management: Establish a 20m RMA in the block, retain 20sph of 7.5cm DBH and greater balsam, spruce, or green uninfested pine.

Spurs:

There is 1 spur in this block, and the existing road that needs upgrading.

The main existing road, spur 1, is grown in with pine and alder and needs to be bladed to be useable.

Spur 1 is 765m long, there are no crossings on the road. Grass seed disturbed soil surface the first spring following harvesting.

Harvesting constraints:

The block is mainly flat with little to constraint 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:

I marked 3 WTPS on the map as follows:

WTP 1: This WTP is external on the east end of the block, Sx(PI)432

WTP 2: This WTP is external in the centre south end of the block, Sx(PI)432

WTP 3: This WTP is external on the west part of the block, Sx(PI)432.

Cultural Heritage Features:

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

Wildlife:

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

Other:

I found an old trapbox on the southwest boundary near the junction of spur 1 and Branch 13. It doesn't look like it has been used in a while and I did not find any other traps or evidence of trapping in the block. Do not disturb any traps during harvesting.



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