

# EARLY OUTCOMES FROM CARIBOU HABITAT RESTORATION MONITORING



Little Smoky Range

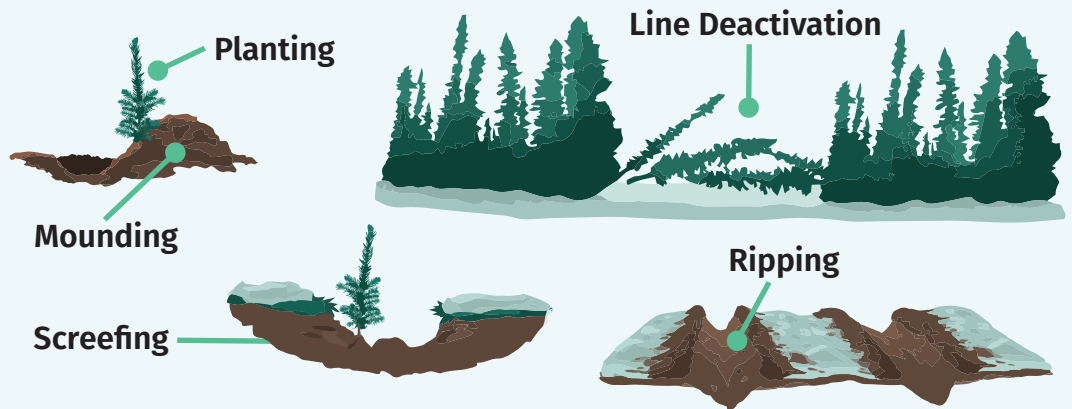
In 2024, the Alberta Biodiversity Monitoring Institute (ABMI) surveyed 101 plots in the Little Smoky caribou range.

Here, we outline key findings from data collected one growing season post-treatment through the Caribou Habitat Restoration Monitoring program.

## RESTORATION GOALS

- 1) Supporting return to forest cover 
- 2) Reduce human travel and use 
- 3) Reduce wolf hunting efficiency 

## RESTORATION TECHNIQUES



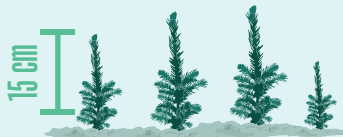
While it is too early to say which site preparation technique worked best, all treatment types had good seedling survival. Existing regeneration was retained on treated lines where possible.

## EARLY FINDINGS

100% of planted seedlings survived



Seedlings are growing well  
78% of seedlings were  $\geq 15$ cm after 1 growing season.



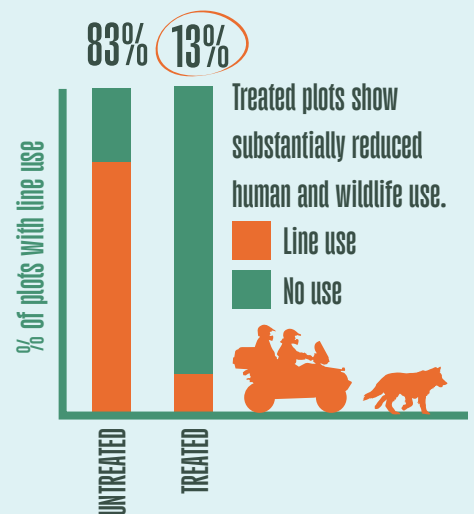
237 naturally regenerating seedlings were recorded compared to planted seedlings

319

~35% more naturally regenerating seedlings



Early results showed that **screening** supported higher natural regeneration.



We found no evidence of planted trees on 31 of the assessed plots. Keeping accurate records of treatments and planting locations is essential to support meaningful long-term monitoring and evaluation of restoration success.