

# Beltrami County NRM Timber Appraisal

# 225036

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<b>Appraised By:</b> Corey Campbell <b>Appraisal Date:</b> 07/07/2025	<b>Sale Type:</b> SEALED BID-REGULAR <b>Auction Date:</b> 07/25/2025 <b>Access:</b> Public Access	<b>Appraisal Number:</b> BLOWDOWN - Bear Den Complex <b>Permit Number:</b> 225036 <b>Expiration Date:</b> 07/25/2026
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## Legal Description

<u>RE Code</u>	<u>Sec.</u>	<u>Twp.</u>	<u>Rge.</u>	<u>School</u>	<u>City/Twp</u>	<u>Subd</u>
200023500	22	146	50	31	Jones	SE 1/4
200026000	27	146	35	31	Jones	NE 1/4
200025900	26	146	35	31	Jones	E 1/2
200023600	23	146	35	31	Jones	N 1/2

<u>Bid</u>	<u>Species</u>	<u>Volume</u>	<u>Units</u>	<u>Unit Price</u>	<u>Value</u>	<u>Comments</u>	<u>Bolt %</u>
Bid	Red Pine bolts	1,500	Cords	\$20.00	\$30,000.00		
Bid	Red Pine pulp	870	Cords	\$8.00	\$6,960.00		
Bid	Jack Pine pulp	200	Cords	\$8.00	\$1,600.00		
Bid	Aspen pulp	30	Cords	\$15.00	\$450.00		
Non-Bid	Birch pulp	25	Cords	\$5.00	\$125.00		
Non-Bid	White Spruce pulp	200	Cords	\$5.00	\$1,000.00	Includes 50 cords of balsam fir	
					\$40,135.00	<b>Subtotal</b>	
<b>Total Cords: 2,825 Total MBF: 0</b>					\$40,135.00	<b>Total</b>	
					\$6,020.25	<b>15% Down Payment</b>	

Bid Symbols: Bid = Bid Species; Non-Bid = Non-Bid Species; Area Est. = Sold Area Estimate; AE Non-Bid = Sold Area Estimate & Non-Bid Species  
All species woodsrun unless listed otherwise.

**Species Scaled:** Aspen pulp, Birch pulp, Jack Pine pulp, Red Pine bolts, Red Pine pulp, White Spruce pulp

**Species SAE:**

<b>Operability:</b>	Firm or frozen ground.	<b>Soil Type:</b>	loamy Fine Sand
<b>Topography:</b>	rolling		
<b>Acres:</b>	157		

## DRAIN

<b>Type:</b> SEALED BID-REGULAR	<b>Acres Cut:</b> 157.00
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Total: 157.00

## Harvest Specifications

<b>Access</b>
Sale is located in the Bear Den Canoe Access road area in section 22 of Jones Township. Coordinates: -95.108, 47.446
<b>Cutting and Skidding</b>
Blowdown salvage sale. Cut all broken, bent, and leaning tree species listed on appraisal; cut all standing trees within sale boundary unless otherwise directed by the forester.
<b>Harvest and Reserves</b>
Blue paint, pink flagging, and natural boundary. Reserve all white pine, dead, den trees, and non-hazardous snags.

**Beltrami County NRM  
Timber Appraisal**

**225036**

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<b>Appraisal Date:</b> 07/07/2025	<b>Auction Date:</b> 07/25/2025	<b>Permit Number:</b> 225036
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<b>Landings, Access Roads, and Skid Trails</b>
County forest roads run through each block but will have to be cleared for access in most cases. Use any preexisting skid trails and landings.

<b>Site, Soil, and Water Protection</b>
No wetlands within sale. Exercise caution on some steep slopes surrounding sale; exercise caution along natural boundaries with surrounding younger plantations.

<b>Slash Disposal</b>
Scatter slash.

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Corey Campbell

**Appraisal Date:**

07/07/2025

**Sale Type:**

SEALED BID-REGULAR

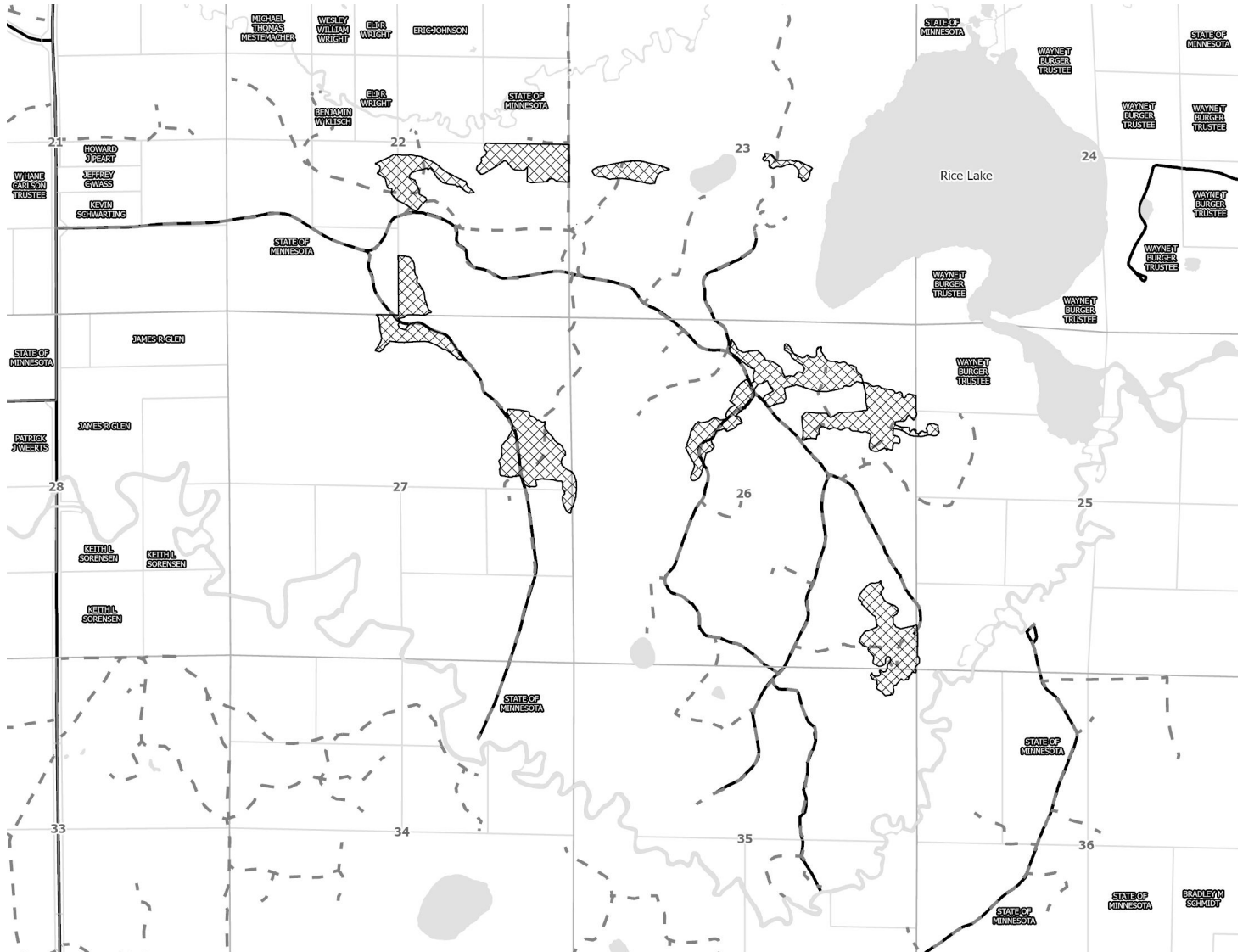
**Auction Date:** 07/25/2025

**Access:** Public Access

**Appraisal Number:** BLOWDOWN - Bear Den Complex

**Permit Number:** 225036

**Expiration Date:** 07/25/2026

**Site Map:**

Appraisal examined and approved by

Forester

Date

Appraisal examined and approved by

Land Department

Date

## STAND HARVEST PRESCRIPTIONS

<b>Timber Sale Name:</b>	BLOWDOWN - Bear Den Complex						
<b>Description:</b>							
<b>RE Code</b>	<b>Sec.</b>	<b>Twp.</b>	<b>Rge.</b>	<b>School</b>	<b>City/Twp</b>	<b>Subd</b>	
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<b>Block:</b>	1						
<b>Stand Details</b>							
<b>Section</b>	<b>Township</b>	<b>Range</b>	<b>Timber Type</b>	<b>Acres</b>	<b>Stand Age</b>	<b>NPC</b>	<b>Harv Meth Desc</b>
22	146	50	52	37	70	FDc34	Clear Cut w/Reserves
<b>*NPC</b>	FDc34 - Central Dry-Mesic Pine-Hardwood Forest						
No Basal Data							
<b>Current Site Conditions</b>	Current CTYPE is red pine, with SI of 60, and overall BA of 120 sq.ft./ac Current CTYPE is red pine, with SI of 60, and overall BA of 150 sq.ft./ac Current CTYPE is jack pine, with SI of 55, and overall BA of 110 sq.ft./ac Current CTYPE is white spruce, with SI of 58, and overall BA of 110 sq.ft./ac						
<b>Timber Objectives</b>	Severe storm with straight line winds up to 120 mph occurred on 6/21/25 damaging many stands in the area. Plantations that were thinned, old legacy stands 100+ years old, and even young stands experienced severe windthrow. As a result trees snapped off, tipped over with root ball exposed, and many bent or curled badly. Each stand on this sale will not be fully stocked enough to become a valuable plantation, and must be clearcut, trenched, and replanted.						
<b>Insect/Disease</b>	Ips - Potential for Ips Beetle in logs & slash, use hauling guides.						
<b>Regeneration</b>	Sites will be trenched and replanted with red and jack pine.						
<b>Wetlands</b>	No wetlands present within sale blocks.						
<b>Soil Types</b>	Andrusia loamy sand, Cormant loamy fine sand, Menahga loamy sand						
<b>Environmental Impact</b>	Harvest will occur under firm or frozen conditions to minimize impact.						
<b>Visual Sensitivity</b>	Low - visual sensitivity is low, minimize slash close to roadway						
<b>Natural Heritage</b>	Database was checked and no resources found.						
<b>Cultural Resources</b>	Database was checked and no resources found.						

# STAND HARVEST PRESCRIPTIONS

## Harvest Methods

### **Clear Cut w/Reserves**

retain marked or designated trees or clumps (Clear Cut)