

# Beltrami County NRM Timber Appraisal

# 225037

Page: 1 of 3

<b>Appraised By:</b> Corey Campbell <b>Appraisal Date:</b> 07/02/2025	<b>Sale Type:</b> SEALED BID-REGULAR <b>Auction Date:</b> 07/25/2025 <b>Access:</b> Public Access	<b>Appraisal Number:</b> BLOWDOWN - Emerald Road <b>Permit Number:</b> 225037 <b>Expiration Date:</b> 07/25/2026
--	--	--

**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>
200014900	15	146	35	31	Jones	SE 1/4 of NE 1/4
200022500	22	146	35	31	Jones	NE 1/4 of NE 1/4
200012400	11	146	35	31	Jones	S 1/2
200008500	17	146	35	31	Jones	SW 1/4 of SE 1/4

<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	Aspen pulp	900	Cords	\$15.00	\$13,500.00		
Bid	Red Pine bolts	500	Cords	\$20.00	\$10,000.00		
Bid	Red Pine pulp	400	Cords	\$8.00	\$3,200.00		
Non-Bid	Jack Pine pulp	200	Cords	\$8.00	\$1,600.00		
Non-Bid	Balsam pulp	100	Cords	\$5.00	\$500.00		
Non-Bid	Birch pulp	25	Cords	\$5.00	\$125.00		
					\$28,925.00	<b>Subtotal</b>	
<b>Total Cords: 2,125 Total MBF: 0</b>					\$28,925.00	<b>Total</b>	
					\$4,338.75	<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, Balsam pulp, Birch pulp, Jack Pine pulp, Red Pine bolts, Red Pine pulp

**Species SAE:**

<b>Operability:</b>	Firm or frozen ground.	<b>Soil Type:</b>	loamy Fine Sand
<b>Topography:</b>	flat to slightly rolling		
<b>Acres:</b>	188		

**DRAIN**

<b>Type:</b>	<b>Acres Cut:</b>
SEALED BID-REGULAR	188.00

Total: 188.00

**Harvest Specifications**

<b>Access</b>
Sale is located in section 10,15, and 22 of Jones Township, off of Jones Town Hall Road and Emerald Road. Coordinates: -95.099, 47.464
<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. Small block off of Sand Valley Rd at south end of sale is a second-entry thinning to 90 BA, while taking all bent and broken trees.

**Beltrami County NRM  
Timber Appraisal**

**225037**

**Page:** 2 of 3

<b>Appraised By:</b> Corey Campbell	<b>Sale Type:</b> SEALED BID-REGULAR	<b>Appraisal Number:</b> BLOWDOWN - Emerald Road
<b>Appraisal Date:</b> 07/02/2025	<b>Auction Date:</b> 07/25/2025	<b>Permit Number:</b> 225037
	<b>Access:</b> Public Access	<b>Expiration Date:</b> 07/25/2026

**Harvest and Reserves**

Blowdown salvage sale. Many natural/old sale boundaries with blue paint, some areas with pink flagging boundary. Clear cut all blowdown, tipped, leaning, and broken trees. Trees fell generally in the same direction from the W to the E.

**Landings, Access Roads, and Skid Trails**

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.

**Site, Soil, and Water Protection**

No wetlands within sale. Road to two small blocks off of Sand Valley Rd runs through low area, no rutting allowed, assess conditions when sale opens.

**Slash Disposal**

Scatter slash.

**225037**

**Access:** Public Access

The map displays the following information:

- Counties:** Aitkin, Carlton, Cook, Crow Wing, Lake Superior, and others.
- Cities/Towns:** Duluth, Sault Ste. Marie, Grand Marais, and others.
- Land Ownership:** Indicated by cross-hatching (Black Pine), diagonal lines (Red Pine), and stippling (Aspen).
- State Parks/Forests:** Several areas are labeled as State Parks or Forests.

Date \_\_\_\_\_

## STAND HARVEST PRESCRIPTIONS

Timber Sale Name:	BLOWDOWN - Emerald Road						
Description:							
RE Code	Sec.	Twp.	Rge.	School	City/Twp	Subd	
200014900	15	146	35	31	Jones	SE 1/4 of NE 1/4	
200022500	22	146	35	31	Jones	NE 1/4 of NE 1/4	
200012400	11	146	35	31	Jones	S 1/2	
200008500	17	146	35	31	Jones	SW 1/4 of SE 1/4	
Block:	1						
Stand Details							
Section	Township	Range	Timber Type	Acres	Stand Age	NPC	Harv Meth Desc
15	146	35	12	56	51	FDc24	Clear Cut
*NPC	FDc24 - Central Rich Dry Pine Woodland						
No Basal Data							
Current Site Conditions	Current CTYPE is red pine, with SI of 65, and overall BA of 120 sq.ft./ac Current CTYPE is red pine, with SI of 55, and overall BA of 150 sq.ft./ac Current CTYPE is balsam fir, with SI of 55, and overall BA of 110 sq.ft./ac Current CTYPE is jack pine, with SI of 60, and overall BA of 110 sq.ft./ac						
Timber Objectives	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, balsam fir, jackpine, and aspen stands all suffered major damage. 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.						
Insect/Disease	Ips - Potential for Ips Beetle in logs & slash, use hauling guides.						
Regeneration	Site will be site prepped, trenched, and replanted with pine species.						
Wetlands	No wetlands within sale boundary.						
Soil Types	Menahga loamy sand. Andrusia loamy sand. Karlstad loamy sand. Zimmerman loamy sand. Redby loamy fine sand. Cormant loamy fine sand.						
Environmental Impact	Harvest will occur under firm or frozen conditions to minimize impact.						
Visual Sensitivity	Low - visual sensitivity is low, minimize slash close to roadway						
Natural Heritage	Database was checked and no resources found.						
Cultural Resources	Database was checked and no resources found.						

# STAND HARVEST PRESCRIPTIONS

## Harvest Methods

### **Clear Cut**

Harvest all merchantable trees (Clear Cut)