

Beltrami County NRM Timber Appraisal

225031

Page: 1 of 3

Appraised By:

Nick Ronning

Appraisal Date:

06/04/2025

Sale Type:

REGULAR AUCTION SALE

Auction Date: 08/07/2025**Access:** Public Access**Appraisal Number:** Wilderness Road**Permit Number:** 225031**Expiration Date:** 04/01/2028**Legal Description****RE Code****Sec.****Twp.****Rge.****School****City/Twp****Subd**

26

148

33

31

Turtle Lake

N 1/2 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	330	Cords	\$25.00	\$8,250.00	Include Balm	
Non-Bid	Basswood Pulp & Bolts	75	Cords	\$10.00	\$750.00		
Non-Bid	Mixed Hardwoods	100	Cords	\$10.00	\$1,000.00	Maple, Birch, Ash, incidental oak	
Non-Bid	Balsam Pulp & Bolts	10	Cords	\$10.00	\$100.00	includes incidental white spruce	
Non-Bid	Red & White Pine pulp	1	Cords	\$40.00	\$40.00	Incidental trees to be determined during presale meeting	
					\$10,140.00	Subtotal	
Total Cords: 516 Total MBF: 0					\$10,140.00	Total	
					\$1,521.00	15% Down Payment	

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 & Bolts, Basswood Pulp & Bolts, Mixed Hardwoods, Red & White Pine pulp

Species SAE:

Operability:	Dry Summer Chance : July 15 - Breakup	Soil Type:	Sandy loam, Loamy Sand, Fine Sandy Loam, Muck
Topography:	flat to slightly rolling		
Acres:	20		

DRAIN**Type:**

REGULAR AUCTION SALE

Acres Cut:

20.00

Total: 20.00

Harvest Specifications**Access**

- Firm or Frozen – Operations may be conducted whenever the site is frozen or when dry and firm to prevent site impacts. There is a wetland crossing that will need frost or equipment mats.
- Latitude/Longitude – Primary access location is Lat. 47.61N, by Long. 94.82W.
- Hauling Consideration - County Road 22 (Island View Drive) is scheduled for a construction project in 2026. This could make hauling difficult. Logger should consider contacting Highway Department prior to opening sale during road construction season.

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Cutting and Skidding

- Logging Damage - Logging damage is injury to 30% or more of the crown; or bark damage exposing cambium of 50 sq.in. or more; or damage causing lean of more than 5 degrees from original. Damage to reserve trees, as identified on the Appraisal form, may be subject to a \$25/tree penalty
- Progressive Skidding Pattern – Use a progressive skidding pattern to avoid damage to residual trees and soil compaction which happens when re-skidding through an area.
- Reserve tree cutting penalty - Cutting any marked or designated leave tree without pre-approval by the Forester may be subject to a \$50.00/tree penalty. On area estimate sales, reserve trees approved for cutting by the Forester must be measured or field scaled for billing at contract rates.
- Skid Trail percent limits – Keep primary and secondary skid trails to <10-15% of timber harvest.
- Stay within Boundaries - Unless approved in advance by the Forester, all harvest activities shall be confined to within the marked boundary. Access roads, skid trails and landing areas proposed for use outside the harvest boundary must be approved prior to use. Failure to comply with these requirements may be subject to a \$100 penalty per incident.
- Stumps – Average stump heights below 12" and as low as possible.

Harvest and Reserves

- Boundary Blue Paint - leave all painted trees. Boundary adjacent to private land in some places.
- Den Trees – Reserve trees with obvious den and cavity usage, even if not marked to leave.
- Leave Trees: Oak unless severely dying. All Cedar. Pine unless dying and marketable.
- Leave Trees: Logger may choose to leave smaller maple, birch, and basswood if healthy, good form, and undamaged.
- Cut Trees: All Aspen, Balm, Ash, Balsam and Spruce, and mature hardwoods except Oak.

Landings, Access Roads, and Skid Trails

- Landings Approved – Landing locations must be approved in advance by the Forester. Sale plan includes two landings

Other Remarks

The Highway Department is planning a construction project for 2026 that could affect timber sale access. Logger may want to check with Highway Department if opening during road construction season.

Site, Soil, and Water Protection

- Rutting - Contractor must be prepared to shut down equipment operations or hauling if thawing or wet conditions create the potential for rutting. Failure to comply with this requirement may be subject to a \$100 penalty per occurrence.

Slash Disposal

- Slash Scattered - Lop and Scatter all slash to within 2 feet of ground unless making slash piles for wildlife.

Tree Size, Marketing, and Special Conditions

- 4 inch TDIB – Utilize all material from butt to a 4" top diameter inside bark.
- No excess culling – Cutting long Butts or oversize tops to produce higher quality product must be done to retain marketable lengths of lower value pulp or firewood. Culling which leaves excessive amounts of wood in unmarketable lengths may be subject to a \$10.00 per piece penalty, unless the material is loaded and hauled off site based upon an estimated cord volume.
- Private Wood – There is a strip of private wood along part of the sale boundary that is NOT part of this sale. If the landowner sells this wood to you, to comply with Chain of Custody requirements of our certifying organization, the private wood must not be mixed or hauled with the County wood.

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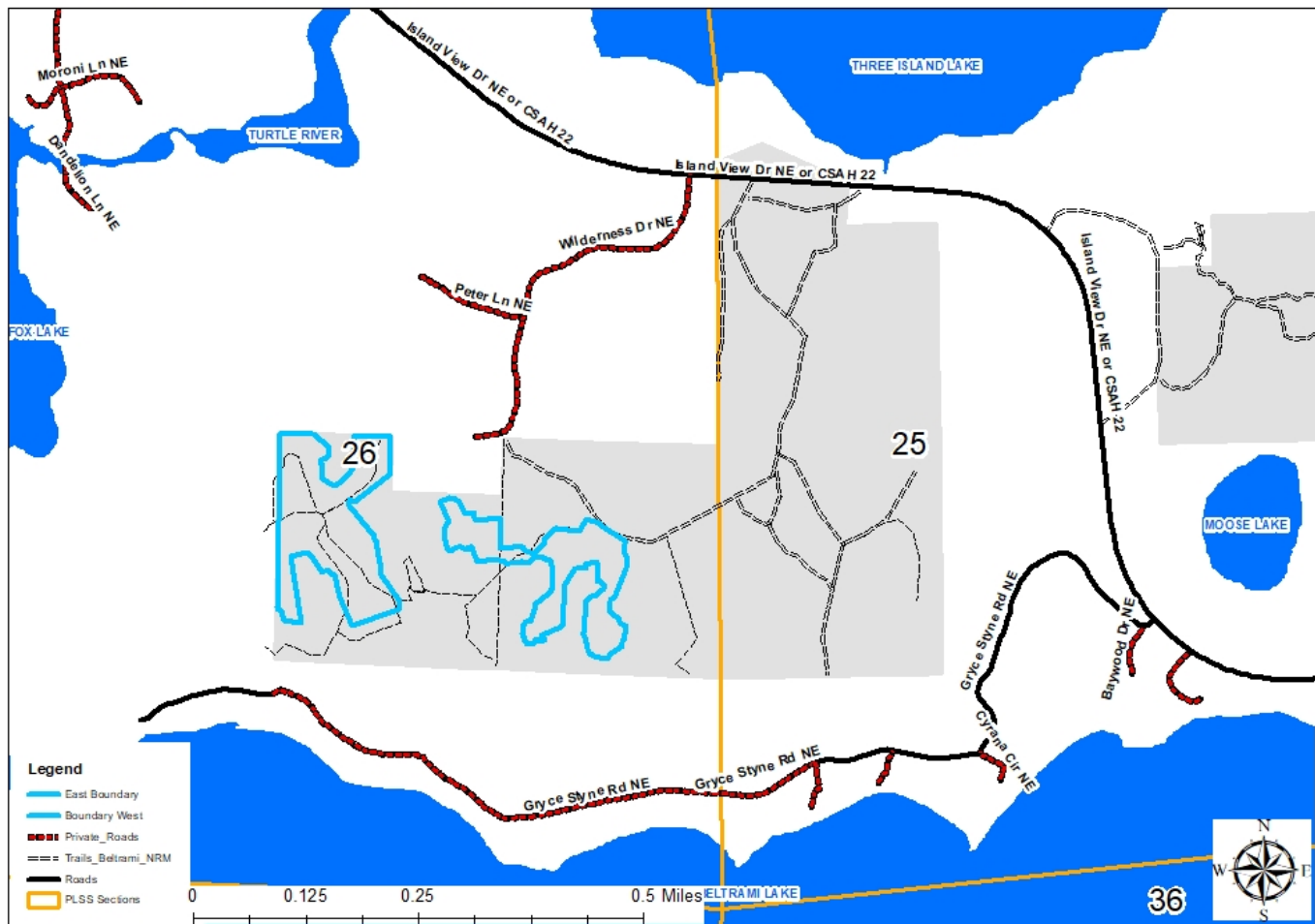
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Site Map:

Wilderness Road Timber Sale

Section 26 T148 R33 Turtle Lake Twp



Appraisal examined and approved by _____

Forester

_____ Date

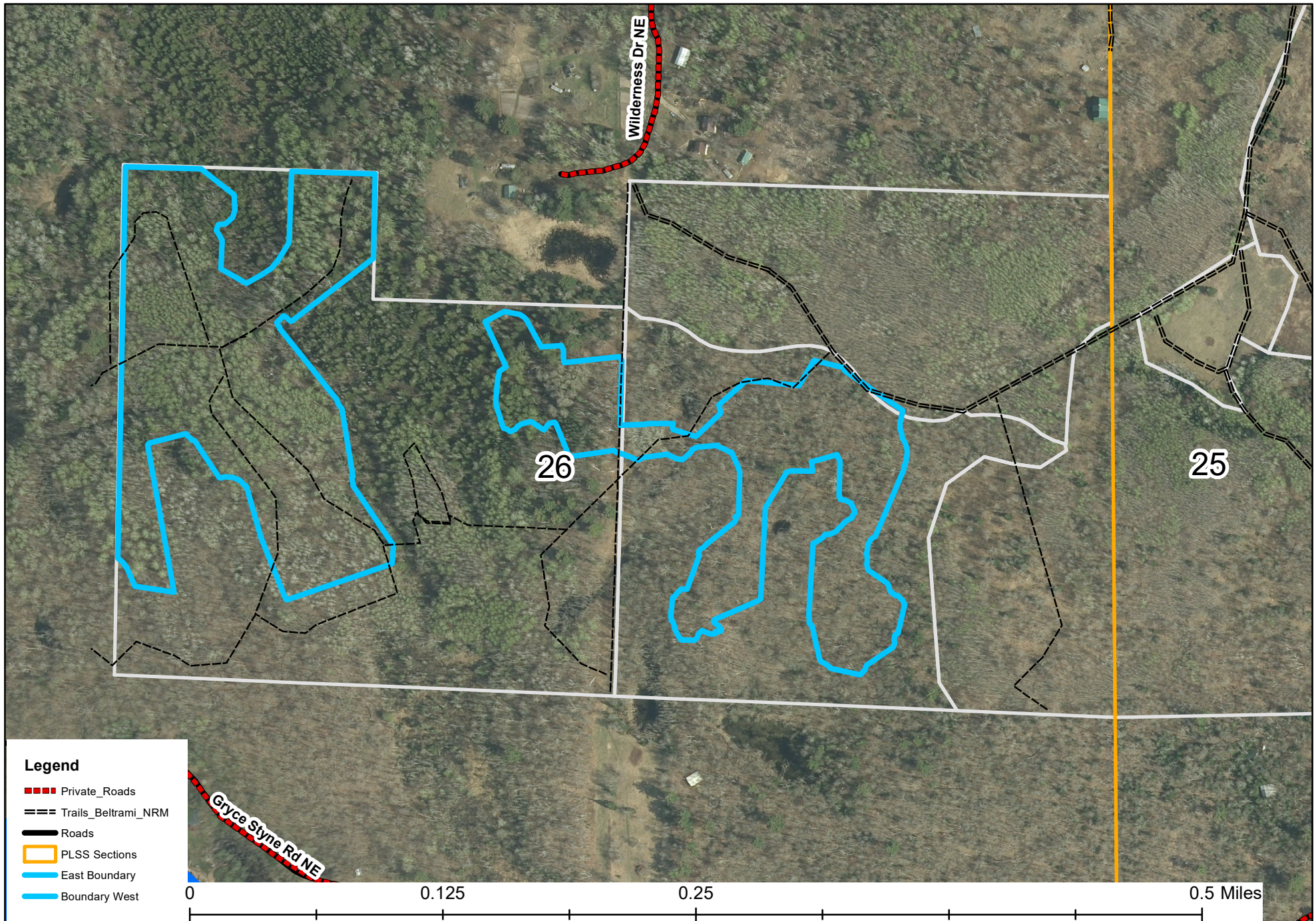
Appraisal examined and approved by _____

Land Department

_____ Date

Wilderness Road Timber Sale

Section 26 T148 R33 Turtle Lake Twp



STAND HARVEST PRESCRIPTIONS

Timber Sale Name:	Wilderness Road						
Description:							
RE Code	Sec.	Twp.	Rge.	School	City/Twp	Subd	
	26	148	33	31	Turtle Lake	N 1/2 SE 1/4	
Block:	1						
Stand Details							
Section	Township	Range	Timber Type	Acres	Stand Age	NPC	Harv Meth Desc
26	148	33	12	20	51	MHn35	Clear Cut w/Reserves
*NPC	MHn35 - Northern Mesic Hardwood Forest						
No Basal Data							
Current Site Conditions	Current CTYPE is Aspen, with SI 77. Current CTYPE is Northern Hardwoods, with SI 55. Overall BA for the harvest area is 115 sq.ft./ac. Both stands are mature.						
Timber Objectives	Clear Cut with Reserves – Even-aged regeneration with some reserves for stand structure, habitat or natural seeding of some species.						
Regeneration	All cut species should regenerate naturally. Aspen regeneration will be primary, with some seeding from reserve species and some stump sprouting to add diversity. NH regeneration from seed and stump sprouting						
Riparian	Filter Strips from adjacent wetlands must be protected from scarification						
Wetlands	type 7 - wooded swamp (hardwood & conifer)						
Soil Types	Andrusia Loamy Sand Balm Lake Fine Sandy Loam Rosy Sandy Loam Tawas Muck Lengby Sandy Loam						
Wildlife	All dead and den trees and snags will be reserved unless they pose a safety hazard. Project has specific design to favor early successional species. Project spacing of habitat elements is beneficial to wildlife. Project timing is beneficial to wildlife Reserve clumps - Reserve clumps are maintained at the edge of the stand for habitat connectivity & to to help them be wind firm The reserved species will serve as a mast production for wildlife. Scattered Slash Piles (20x20x10) may be created for wildlife.						
Visual Sensitivity	There are no visual concerns for this harvest area						
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 w/Reserves

retain marked or designated trees or clumps (Clear Cut)