

# Itasca County Timber Appraisal Report

<b>Appraised By:</b> Tony Schram <b>Appraisal Date:</b> 03/05/2019	<b>Sale Type:</b> INTERMEDIATE AUCTION <b>Auction Date:</b> 06/07/2019	<b>Appraisal Number:</b> 19-06-06 <b>Permit Number:</b> <b>Expiration Date:</b> 03/01/2022 <b>Page:</b> 1 of 3
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## Legal Description

<u>RE Code</u>	<u>Sec.</u>	<u>Twp.</u>	<u>Rge.</u>	<u>City/Twp</u>	<u>Subd</u>		
41-033-2000	33	57	25	Wabana	NW 1/4		
<u>Block 1 Species</u>	<u>Volume</u>	<u>Units</u>	<u>Unit Price</u>	<u>Value</u>	<u>Comments</u>	<u>Bolt %</u>	<u>Bid</u>
Spruce	200	Cords	\$11.00	\$2,200.00	2-4 stick 6-10 inch 100% White Spruce	5	^
Aspen	400	Cords	\$19.00	\$7,600.00	4-6 stick 8-12 inch	10	^
Ash	5	Cords	\$8.00	\$40.00		0	#
Paper Birch	20	Cords	\$8.00	\$160.00			#
				\$10,000.00	<b>Subtotal</b>		
<b>Total Cords =</b>	625			<b>Total MBF: 0</b>	<b>Total</b>		

Bid Symbols: ^ = Bid Species; # = Non-Bid Species; + = Sold Area Estimate; \* = Sold Area Estimate & Non-Bid Species  
All species woodsrun unless listed otherwise.

**Species Scaled:** Ash , Aspen, Paper Birch , Spruce

**Species SAE:**

<b>Operability:</b> Dry Summer operable : 7/15 - 3/1	<b>Soil Type:</b> Nashwauk fine sandy loam
<b>Topography:</b> Level to rolling	<b>Cutting Acres:</b> 44.0

## Harvest Specifications

Comments
Harvest Type: 1st. Time White Spruce Thin and Aspen Clearcut Spruce thin: Cut 12 ft. access strips reserving 40 ft. in between strips for thinning. Thin stand down to an average of 90 basal area. Favor the removal of smaller diameter, poor quality, and damaged trees. Aspen Clearcut: Harvest all Aspen, Ash and Paper Birch. Reserve all Oak, Maple, Pine and Elm.

Harvest and Reserves
Aspen Clearcut: Reserve all Oak, Maple, Pine and Elm. Spruce Thin: Reserve Elm, Pine, Oak and aspen that is not overtopping spruce.

Access
Private land must be crossed to access timber sale. Logger must obtain permits/ permission from land owner/ land manager.

Landings and Access Roads
Trails and landings need to be rehabilitated to a satisfactory condition before performance bond is returned. Roads and landings must be approved by sale administrator. Berm(s) must be installed after sale is completed.

Cutting, Felling, and Skidding
Within Spruce thin timber must be processed at the stump. Do not damage unmarked trees, regeneration, or reserve trees. Sale boundaries painted with orange slashes. Sale Property boundaries painted with orange circles.

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### Site, Soil, and Water Protection

Filter strips require <5% soil disturbance within 50' of all wetlands.

### Slash Disposal

A 10 ft. wide slash free zone must be maintained along roads and trails.

### Special Conditions

Utilize all trees with at least 2 sticks up to a 3" top.

### Regeneration Plan

Natural Regeneration within the aspen stands

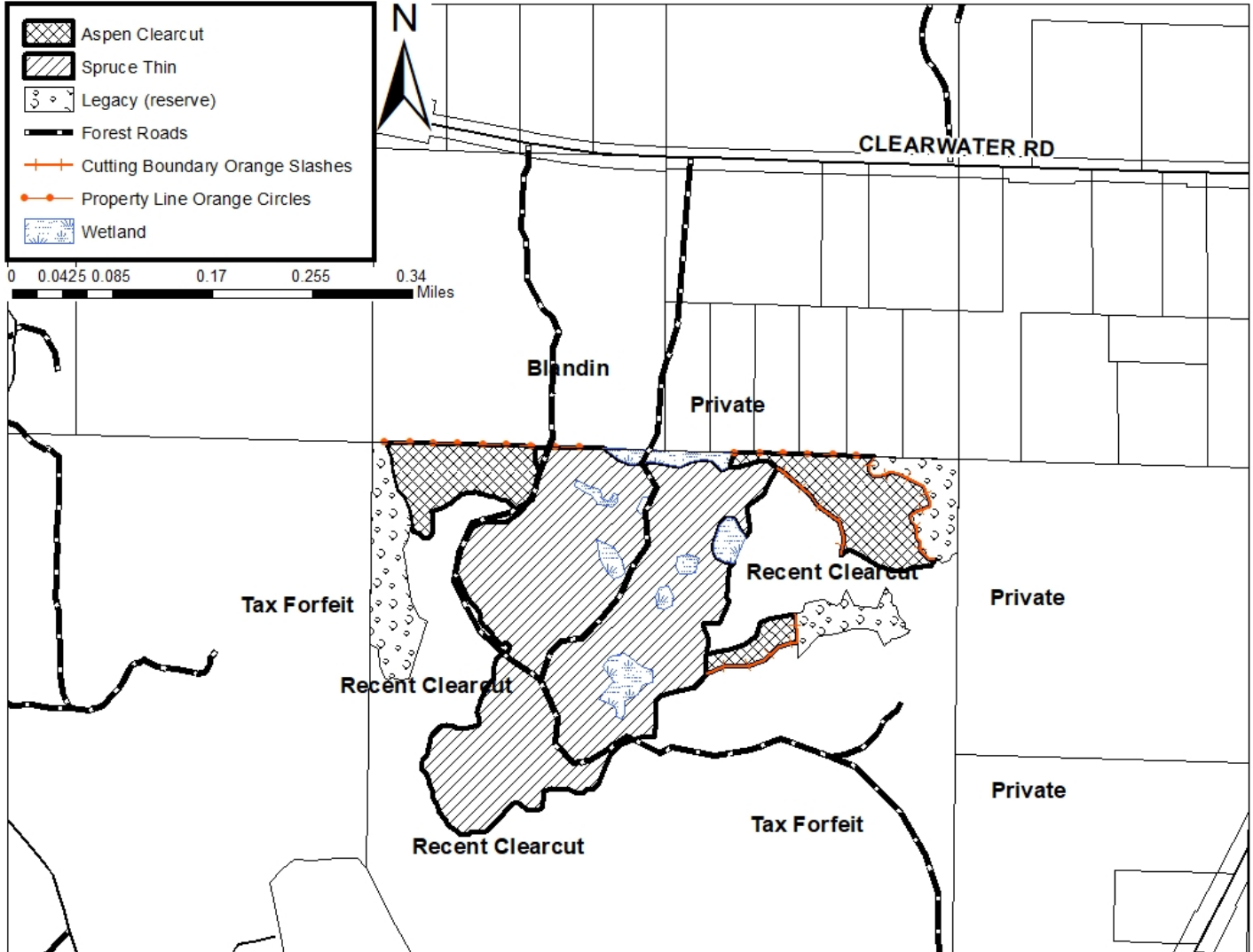
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**Site Map:**



Appraisal examined and approved by \_\_\_\_\_ Forester \_\_\_\_\_ Date \_\_\_\_\_