

Itasca County Timber Appraisal Report

Appraised By: Bob Rother Appraisal Date: 10/10/2019	Sale Type: REGULAR AUCTION SALE Auction Date: 12/10/2019	Appraisal Number: 19-01-15 Permit Number: Expiration Date: 03/01/2023 Page: 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>
37-002-2300	2	53	24	Splithand	LOT 2
37-002-3100	2	53	24	Splithand	NE SW
37-002-3200	2	53	24	Splithand	NW SW
37-010-4100	10	53	24	Splithand	NE SE
37-010-4200	10	53	24	Splithand	NW SE
37-011-2300	11	53	24	Splithand	SW NW
37-011-3000	11	53	24	Splithand	SW 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>
Red Pine	800	Cords	\$32.00	\$25,600.00	5-8 Sticks, 7-16" DBH, Good Condition, 15% Saw	75	^
Aspen	20	Cords	\$23.00	\$460.00	4-7 Sticks, 7-15" DBH, Fair Condition	0	#
Paper Birch	10	Cords	\$8.00	\$80.00	3-5 Sticks, 7-12" DBH, Fair Condition	10	#
Balsam Fir	30	Cords	\$12.00	\$360.00	2-6 Sticks, 7-12" DBH, Fair Condition	10	*
Spruce	30	Cords	\$18.00	\$540.00	3-6 Sticks, 7-12" DBH, Good Condition, 75% W. Spruce	30	*
Jack Pine	15	Cords	\$22.00	\$330.00	4-6 Sticks, 8-12" DBH, Fair Condition	60	*
				\$27,370.00	Subtotal		
Total Cords =	905			Total MBF: 0	Total		

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

Species Scaled: Aspen, Paper Birch, Red Pine
Species SAE: Balsam Fir, Jack Pine, Spruce

Operability: Block 1 - Summer/Fall Chance: 7/1 - 3/1, Block 2 - Fall Chance: 9/1 - 2/1 **Soil Type:** Zimmerman loamy fine sand
Topography: Level to rolling **Cutting Acres:** 51.4

All permits must follow Itasca County Forest Management Guidelines and Specifications (can be found at <http://www.co.itasca.mn.us/DocumentCenter/View/567/Forest-Management-Guidelines-and-Specifications>).

Harvest Specifications

Comments
Harvest Type = Operator Select 2nd & 3rd Time Red Pine Thin

Harvest and Reserves
Block 1: Reserve Red Pine crop trees and all other species. Block 2: Reserve Red Pine & White Spruce crop trees, White Pine, Oak, Maple, Snags, Den & Cavity Trees. Reserve all Aspen & Birch which are not overtopping or competing with crop trees.

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Access

Block 2 is accessed through private property (Roerick) therefore no hauling on weekends during firearms deer season, and no hauling or operating the 1st week of firearms deer season. Block 1 has no restrictions
 Private road must be used to access Block 2 of the timber sale. Access road must be kept in good condition at all times.
 Gates must remain locked during hunting season.
 It is the permit holder's responsibility to obtain approval from landowner before gaining access to the permit area. The permit holder shall pay all access fees and road charges.
 Block 1 is 0.1 miles to County Road 72. Block 2 is 1.2 miles to County Road 72.

Landings and Access Roads

Location and construction of any new roads/landings must be pre-approved by the sale administrator.
 Timber sale administrator shall be notified at least 3 working days prior to completion of hauling and road work. This provides adequate time for permit area inspection and addressing of permit compliance requirements before hauling and road work equipment is removed.

Cutting, Felling, and Skidding

Timber must be processed at the stump.
 Do not damage reserve trees. No piling up against crop trees.
 Do not fell timber into wetlands or across sale boundaries.
 Sale boundaries painted Orange Slashes (III) - shown on map. All other boundaries are natural.
 Block 1: (11.1 acres) - Thin stand down to an average of 100-110 basal area. General thin from below: favor the removal of smaller diameter, poor quality, suppressed, and damaged red pine. Select codominant pine to achieve target basal area and spacing. Reserve all other species.
 Block 2: (40.3 acres) - Thin stand down to an average of 100-110 basal area. General thin from below: favor the removal of smaller diameter, poor quality, suppressed, and damaged red pine & white spruce. Select codominant pine to achieve target basal area and spacing. Cut all merchantable balsam, jack pine, & black spruce. Only cut aspen & birch overtopping or up against crop trees.

Site, Soil, and Water Protection

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

Slash Disposal

Slash must be evenly distributed throughout permit area.

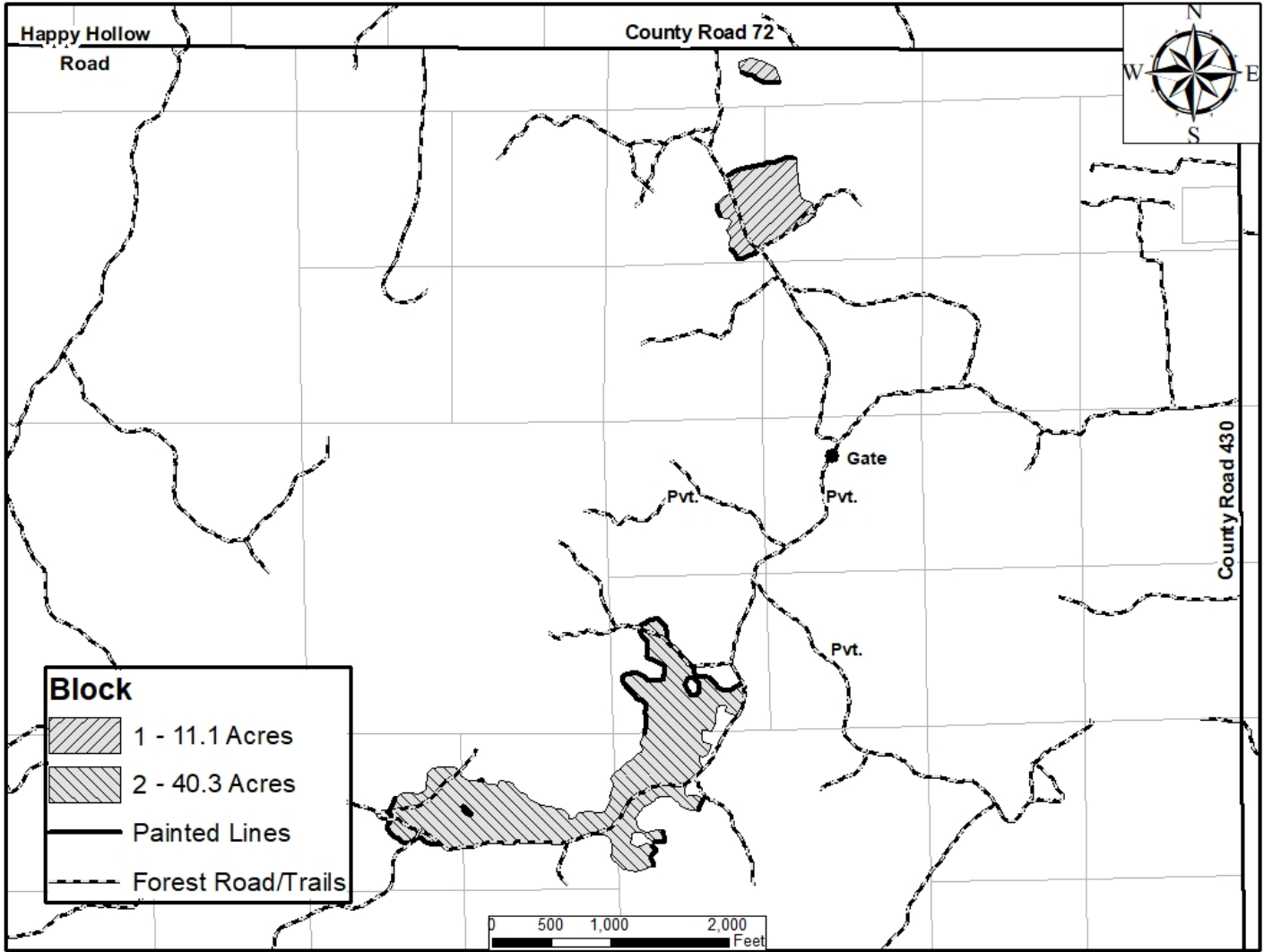
Special Conditions

Logging season may be restricted to August through February during high bark beetle risk. All cut pine must be hauled within 3 weeks during June through August.
 Block 2 - No harvesting operations or hauling February 1 through August 31. No hauling on weekends during firearms deer season, and no hauling or operating the 1st week of firearms deer season.

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Site Map:



Appraisal examined and approved by _____
Forester
Date

Appraisal examined and approved by _____
Land Department
Date