

Itasca County Timber Appraisal Report

Appraised By: Tony Schram Appraisal Date: 09/17/2019	Sale Type: INTERMEDIATE AUCTION Auction Date: 12/10/2019	Appraisal Number: 19-06-16 Permit Number: Expiration Date: 03/01/2022 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>
16-017-2100	17	150	27	Grattan	NE NW
16-017-2400	17	150	27	Grattan	SE NW

<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>
Aspen	325	Cords	\$26.00	\$8,450.00	4-6 stick, 8-12 inch	10	^
Paper Birch	50	Cords	\$9.00	\$450.00	2-4 stick 8-10 inch		#
Balsam Fir	30	Cords	\$13.00	\$390.00	3-4 stick 6-8 inch		#
White Pine	200	Cords	\$22.00	\$4,400.00	5-6 stick 10-20 inch 35% saw	15	^
Maple	25	Cords	\$9.00	\$225.00	2-3 stick 6-10 inch		#
Spruce	30	Cords	\$20.00	\$600.00	4-5 stick 8-10 inch 100% W. Spruce	20	#
Red Pine	130	Cords	\$34.00	\$4,420.00	5-6 stick 10-14 inch 50% saw	15	^

				\$18,935.00	Subtotal
Total Cords =	790	Total MBF: 0	\$18,935.00	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, Balsam Fir, Maple , Paper Birch , Red Pine, Spruce , White Pine

Species SAE:

Operability:	Dry Summer or Frozen Ground : 6-1 - 3-1	Soil Type:	240B Warba Very Fine Sandy Loam, 458E Menahga Loamy Sand
Topography:	Level/rolling; some steep	Cutting Acres:	29.1

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: Aspen Clearcut W/Reserves (19.2 AC) and Final Harvest Pine (10 Ac)

Harvest and Reserves
Reserve all non-hazardous snags. Trees marked with "R" are to be reserved for wildlife. RESERVE: red oak and marked pine

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

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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.

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

Do not damage reserve trees.

Sale property boundaries painted with orange circles.

Sale cutting boundaries painted with orange or blue slashes.

Site, Soil, and Water Protection

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

Roads and skid trails must be stabilized. This may involve installing water bars, strike outs, and/or mulching and seeding.

Reserve all non-merchantable timber within 15ft of all wetlands.

Slash Disposal

Within the aspen block slash must be evenly distributed throughout permit area.

Within pine stand slash is to be piled at administrator approved locations. 20% of tops and limbs must be scattered throughout the permit area per Site Level Forest Management Guideline. The 20% is in addition to incidental breakage.

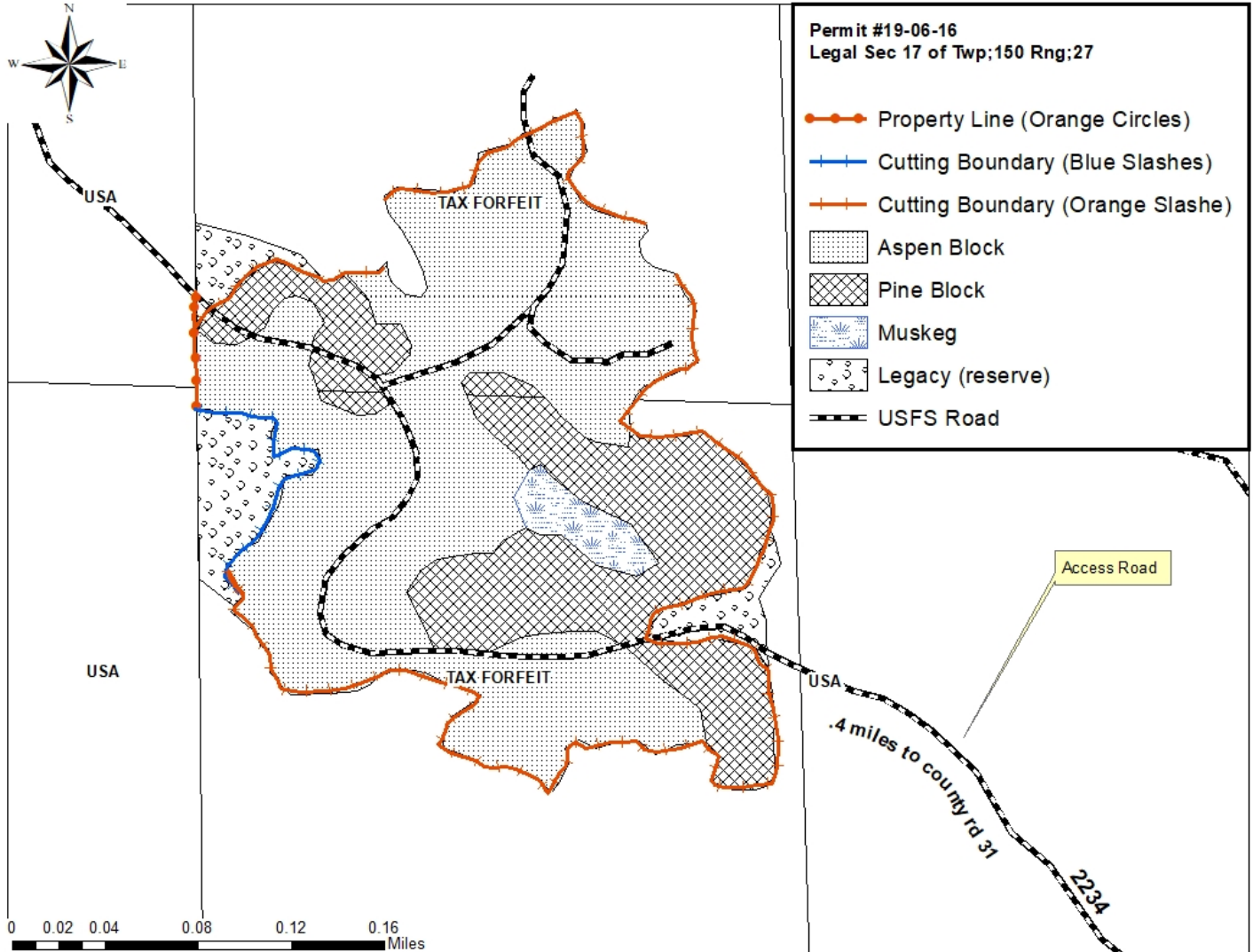
Regeneration Plan

Both blocks will be converted to a planted red pine stand.

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Site Map:



Appraisal examined and approved by _____
Forester Date

Appraisal examined and approved by _____
Land Department Date