

Itasca County Timber Appraisal Report

Appraised By: Tony Schram Appraisal Date: 03/12/2020	Sale Type: SEALED BID-REGULAR Auction Date: 06/12/2020	Appraisal Number: 20-06-07 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>		
28-014-4300	14	149	29	Moose Park	SW SE		
28-014-4400	14	149	29	Moose Park	SE SE		
28-023-1100	23	149	29	Moose Park	NE NE		
28-023-1400	23	149	29	Moose Park	SE NE		
<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>
Ash	1,000	Cords	\$13.00	\$13,000.00	4-6 stick 8-16inch 10% saw	30	^
Aspen	100	Cords	\$22.00	\$2,200.00	4-6 stick 8-16 inch		^
Balm	70	Cords	\$17.00	\$1,190.00	4-6 stick 8-16 inch		^
Balsam Fir	25	Cords	\$15.00	\$375.00	3-5 stick 6-12inch		#
Spruce	10	Cords	\$15.00	\$150.00	3-6 stick 6-16 inch 100 w. spruce		#
				\$16,915.00	Subtotal		
Total Cords =	1,205	Total MBF: 0		\$16,915.00	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: Ash , Aspen, Balm , Balsam Fir, Spruce

Species SAE:

Operability: Frozen Ground : 12-15 - 3-1	Soil Type: Suomi silt loam, Effie Loam, Cathro muck
Topography: Level	Cutting Acres: 84.7

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
Lowland Hardwoods clearcut with reserves and Ash thin

Harvest and Reserves
Lowland Hardwoods Thin: Harvest ash, aspen and balm along with spruce and balsam 3 sticks and larger. Ash Thin: Cut 20 foot strips, reserving 20 foot between strips Reserve all non-hazardous snags. Trees marked with "R" are to be reserved for wildlife. Reserves: basswood, paper birch, oak, pine, elm and cedar along with spruce and balsam 2 sticks and smaller Reserve 2-3 well formed mature ash per acre

Access
Private must be crossed to access timber sale. Logger must obtain permits/ permission from land owner/ land manager. Contact sale administrator for more information.

Landings and Access Roads
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.

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Cutting, Felling, and Skidding

Do not damage unmarked trees, regeneration, or reserve trees.
 Do not disturb survey markers, including witness trees.
 Sale property boundaries are painted with 3 orange circles.
 Sale cutting boundaries are painted with 3 orange strips.
 Ash thin boundaries are painted with blue strips.
 Stream center painted with 2 orange bands.

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.
 Restricted cutting is allowed within the RMZ. Refer to sale administrator for specific basal area or species specific requirements.
 Can cross intermittent creek / drainage in 1 location. All slash must be pulled from the creek and banks rehabilitated upon sale completion.
 Reserve all non-merchantable timber within 15ft of all wetlands.

Slash Disposal

Slash must be evenly distributed throughout permit area.
 A 10 ft. wide slash free zone must be maintained along roads and trails.

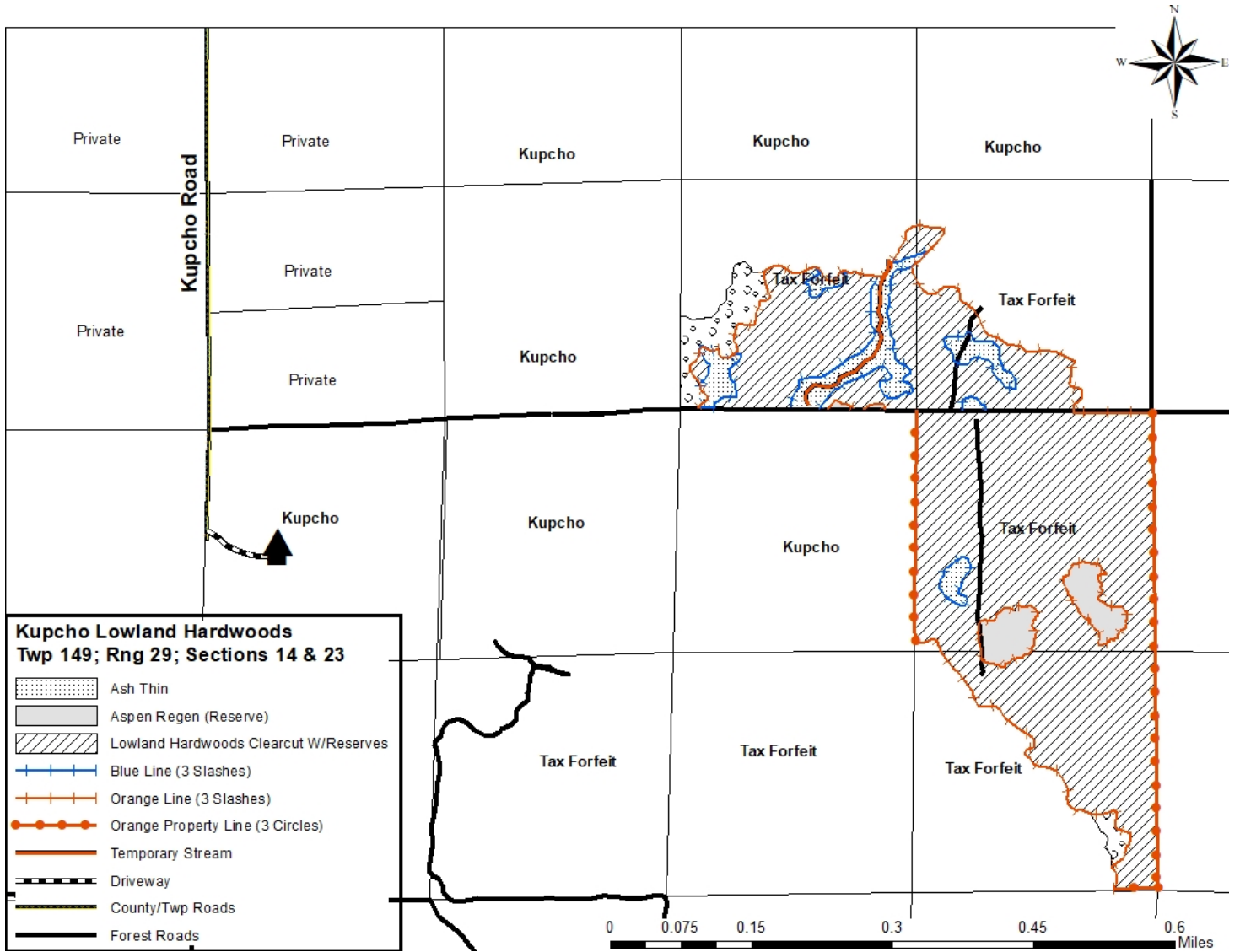
Regeneration Plan

Natural Regeneration

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Site Map:



Appraisal examined and approved by _____
Forester Date

Appraisal examined and approved by _____
Land Department Date