

Itasca County Timber Appraisal Report

Appraised By: Perry Leone Appraisal Date: 03/25/2019	Sale Type: REGULAR AUCTION SALE Auction Date: 12/10/2019	Appraisal Number: 19-03-02 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>		
52-005-2000	5	59	23	Unorganized	NW 1/4		
52-005-3000	5	59	23	Unorganized	SW 1/4		
52-006-4100	6	59	23	Unorganized	NE/SE		
52-006-4300	6	59	23	Unorganized	SW/SE		
52-006-4400	6	59	23	Unorganized	SE/SE		
52-008-2200	8	59	23	Unorganized	NW/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	2,480	Cords	\$22.00	\$54,560.00	4-6 sticks, 48 yrs. old.	25	^
Tamarack	1,250	Cords	\$5.00	\$6,250.00	2-4 sticks, 104 yrs. old.	0	#
Spruce	100	Cords	\$18.00	\$1,800.00	3-5 sticks, all black spruce.	0	#
Balsam Fir	10	Cords	\$11.00	\$110.00	4-6 sticks.	0	#
				\$62,720.00	Subtotal		
Total Cords =	3,840			Total MBF: 0	Total		

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

Species Scaled: Aspen, Balsam Fir, Spruce, Tamarack
Species SAE:

Operability: Frozen ground only.: 12/20 - 3/1	Soil Type: 620B Cutaway loamy sand and 549 Geenwood peat
Topography: Level	Cutting Acres: 150.0

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
ASPEN CLEARCUT(81 acres), TAMARACK SEED TREE(69 acres).

Harvest and Reserves
Reserve all pine, oak, cedar, balsam with 3 sticks or less including regeneration, and non-hazardous snags. Also reserve 2 large live snag trees/acre and two 8' long by 12" diameter logs with the bark on/acre. In the tamarack stands also reserve 1 fully crowned tamarack every 80'.

Access
Snowmobile trail regulations in Itasca County Forest Management Guideline & Specifications apply. A minimum of two inches of compacted snow must remain on the trail as a running surface. The East Scooty Lake road is an easement road and must be used to access the timber sale. Access road must be kept in good condition at all times. State land must be crossed to access timber sale. Logger must obtain permission from the land manager. 6 miles to County Road 53.

Landings and Access Roads
All landings must be set back at least 100' from the snowmobile trail. 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 reserve trees.
 Do not disturb survey markers, including witness trees.
 Sale boundaries are painted in blue or are natural.

Site, Soil, and Water Protection

Filter strips require <5% soil disturbance within 50' of all wetlands.
 On the aspen island, 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.

Special Conditions

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

Regeneration Plan

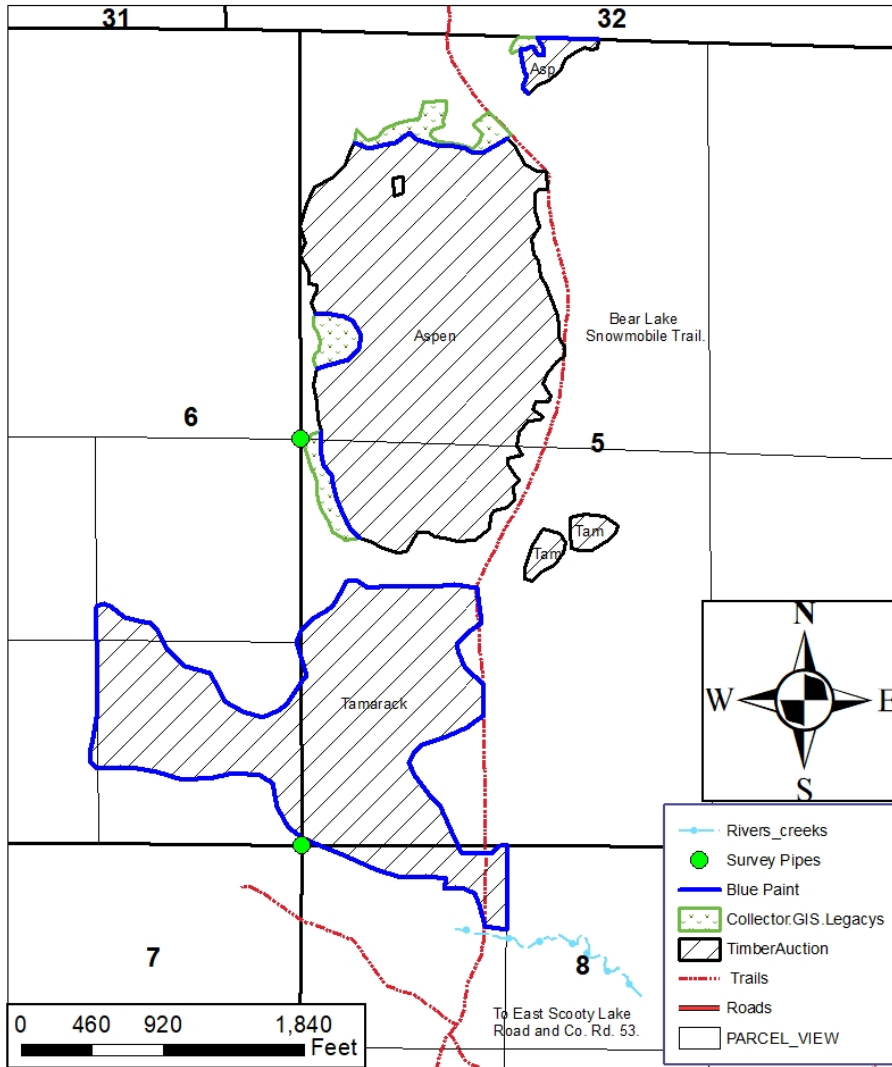
Natural regeneration to aspen and tamarack.

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Site Map:

Sec. 5,6,8, Twp. 59- Rng. 23



Appraisal examined and approved by _____ Forester _____ Date

Appraisal examined and approved by _____ Land Department _____ Date