

Itasca County Timber Appraisal Report

Appraised By: Perry Leone Appraisal Date: 03/27/2019	Sale Type: REGULAR AUCTION SALE Auction Date: 06/07/2019	Appraisal Number: 19-03-06 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>
55-021-3100	21	59	24	Unorganized	NE SW
55-021-3400	21	59	24	Unorganized	SE SW
55-022-3300	22	59	24	Unorganized	SW SW
55-021-4000	21	59	24	Unorganized	SE 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>
Aspen	1,318	Cords	\$27.00	\$35,586.00	4-7 sticks. 45-92 yrs. old.	20	^
Red Pine	567	Cords	\$43.00	\$24,381.00	5-9sticks. 60% sawlogs. 107 yrs. old.	30	^
Jack Pine	407	Cords	\$32.00	\$13,024.00	6-8 sticks. 20% sawlogs. 74-78 yrs. old.	55	^
Paper Birch	92	Cords	\$13.00	\$1,196.00	4-6 sticks.	25	#
Balsam Fir	35	Cords	\$15.00	\$525.00	3-6 sticks.	10	#
Maple	32	Cords	\$9.00	\$288.00	3-5 sticks.	0	#
Spruce	15	Cords	\$25.00	\$375.00	5-8 sticks. All white spruce.	70	#

\$75,375.00 **Subtotal**

Total Cords = 2,466 **Total MBF: 0** \$75,375.00 **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, Jack Pine, Maple , Paper Birch , Red Pine, Spruce

Species SAE:

Operability: Dry summer.: 6/1 - 3/1	Soil Type: Cutaway loamy sand & Menahga/Graycalm
Topography: Level to rolling	Cutting Acres: 67.0

Harvest Specifications

Comments
Clearcut 45 acres of aspen, 17 acres of jack pine, and 5 acres of red pine.

Harvest and Reserves
Reserve all white pine, oak, and non-hazardous snags. In aspen stands west of Co. Rd. 7 reserve all red pine, non-merchantable conifers, and 2 large birch or aspen/acre. Also reserve all trees inside of the pink flagging around the dump buildings.

Access
Easement roads must be used to access the timber sale. Access road must be kept in good condition at all times. Gate into the dump must be locked at all times, except on days when 3 or more loads are hauled. All logging activities around the dump and hauling through the dump must be done when the dump is closed. Summer dump hours are 8:30 am - 4:30 pm on Monday and Thursday through Saturday. ATV trail regulations in Itasca County Forest Management Guideline & Specifications apply.

Landings and Access Roads
Within 15' of Co. Rd. 7 reserve all maple, red pine <10", and non-merchantable timber. Berms must be installed after sale is completed. Landings must be kept back at least 100' from Co. Rd. 7.

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Cutting, Felling, and Skidding

Do not damage reserve trees.

Sale boundaries are painted in blue or are natural boundaries.

Site, Soil, and Water Protection

Filter strips require <5% soil disturbance within 50'-70' of all wetlands depending on slope.

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

Slash Disposal

In the southeast part of the sale 70% of the slash(all of the red pine tops) must be pile at designated areas determined by the forester. 30% of the slash must be scattered across the site including 2-12" by at least 6' logs with bark on. The remainder of the sale the slash must be evenly distributed throughout the sale area.

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

Slash height must not exceed 3 ft. within view of Co. Rd. 7.

Regeneration Plan

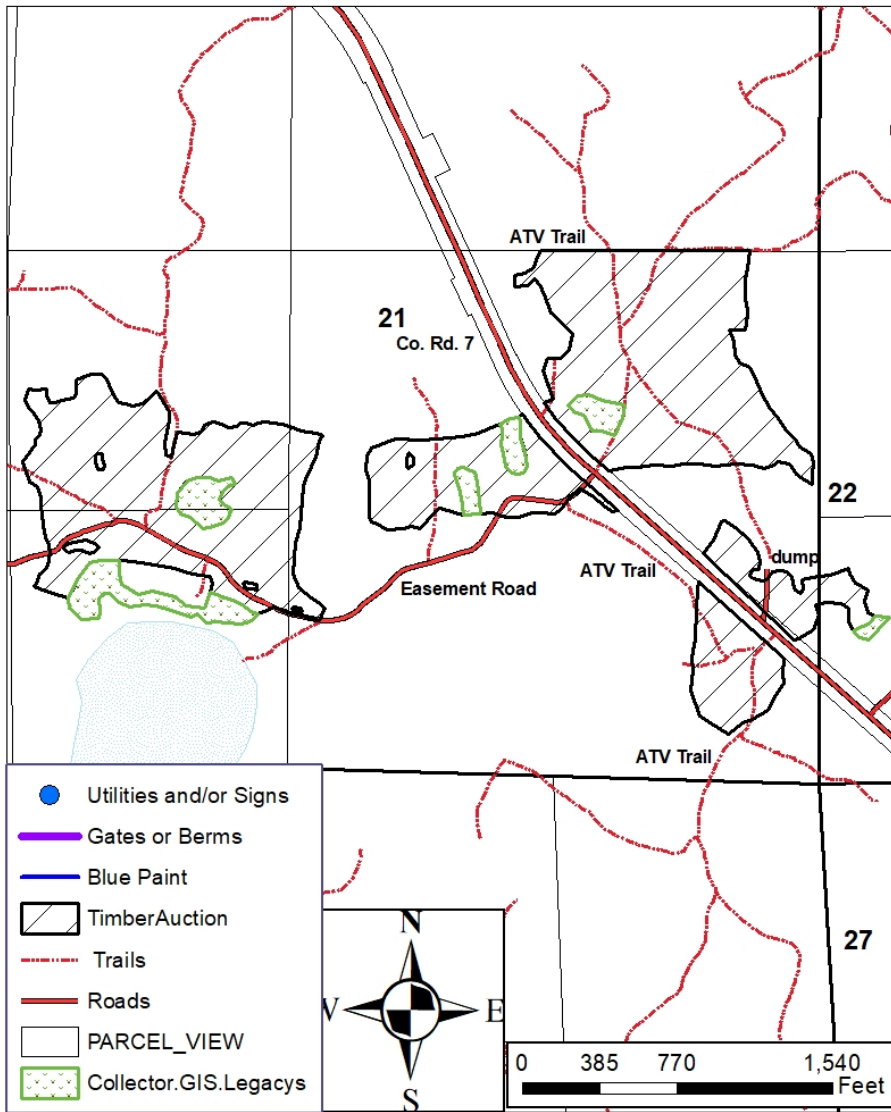
Aspen types west of Co. Rd. 7 will be naturally regenerated to aspen. The northeast part of the timber sale will be planted to jack pine and the southeast area will be planted to red pine.

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		Page: 3 of 3

Site Map:

Sec.21,22, Twp. 59- Rng. 24



Appraisal examined and approved by _____ Forester _____ Date _____