

## Itasca County Timber Appraisal Report

<b>Appraised By:</b> Perry Leone  <b>Appraisal Date:</b> 04/24/2019	<b>Sale Type:</b> REGULAR AUCTION SALE  <b>Auction Date:</b> 06/07/2019	<b>Appraisal Number:</b> 19-03-11 <b>Permit Number:</b> <b>Expiration Date:</b> 03/01/2022 <b>Page:</b> 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>
59-003-2100	3	59	25	Unorganized	LOT 3
60-027-3000	27	60	25	Unorganized	SW 1/4
60-028-4000	28	60	25	Unorganized	SE 1/4
60-033-1100	33	60	25	Unorganized	NE NE
60-033-4100	33	60	25	Unorganized	NE SE LESS W 200' OF N 500'
60-034-2000	34	60	25	Unorganized	NW 1/4
60-034-3100	34	60	25	Unorganized	NE SW
60-034-3200	34	60	25	Unorganized	NW SW
60-034-3400	34	60	25	Unorganized	SE SW

<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	1,575	Cords	\$19.00	\$29,925.00	Age varies from 30-95 yrs. old. 2-7 sticks. 5% sawlogs.	50	^
Jack Pine	171	Cords	\$11.00	\$1,881.00	2-4 sticks.	15	^
Aspen	60	Cords	\$17.00	\$1,020.00	2-5 sticks.	0	#
Balsam Fir	50	Cords	\$10.00	\$500.00	2-5 sticks.	0	#
Paper Birch	20	Cords	\$6.00	\$120.00	2-4 sticks.	0	#
Spruce	14	Cords	\$13.00	\$182.00	2-5 sticks. White spruce.	35	#

\$33,628.00    **Subtotal**

**Total Cords =**    1,890                      **Total MBF: 0**    \$33,628.00    **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, Paper Birch , Red Pine, Spruce

**Species SAE:**

**Operability:**    spring, summer and fall chance.: 5/15 - 3/1                      **Soil Type:**            Menahga & Graycalm sands  
**Topography:**    Level to rolling    **Cutting Acres:**        116.0

**Harvest Specifications**

Comments
1st time red pine thin(71 acres), 2nd time red thin(43 acres), and 2 arces aspen/conifer clearcut. 57% of the red pine volume is 1st time thinning. 43% is 2nd time thinning.

Harvest and Reserves
Reserve all oak, white pine, and non-hazardous snags.

Access
ATV trail regulations in Itasca County Forest Management Guideline & Specifications apply. There are 4 trails that access private land that may be used to access the timber sale. These trails must be kept in good condition at all times. 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.

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### Cutting, Felling, and Skidding

Timber must be processed at the stump.

Do not damage reserved crop trees.

In the 1st time thinning areas cut 12 ft. access strips reserving 40 ft. in between strips for thinning. Thin stand down to an average of 90 basal area. Favor the removal of smaller diameter, poor quality, and trees overtopping the red pine. In the 2nd time thinning areas follow the cut strips and thin stand down to a 110 basal area by removing the smaller, poor quality trees as well as other tree species. There is also about 2 acres of aspen/ conifer clearcutting.

Do not disturb survey markers, including witness trees.

Sale boundaries are painted in orange or are natural boundaries.

### Site, Soil, and Water Protection

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

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

### Slash Disposal

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

Slash height must not exceed 3 ft. within view of road.

### Special Conditions

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

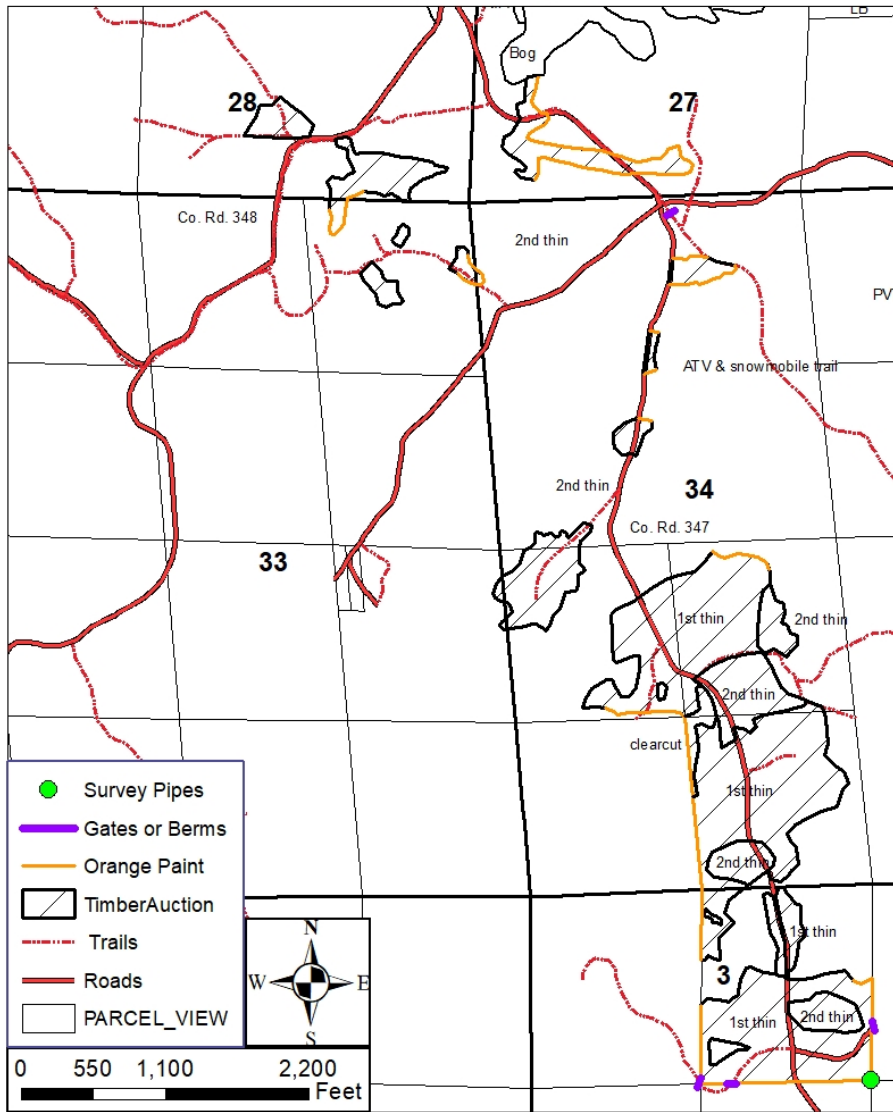
Logging season may be restricted to August through February during high bark beetle risk. All cut pine must be hauled within 3 weeks during May through September.

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		<b>Page:</b> 3 of 3

**Site Map:**

Sec.27,28,33,34, Twp. 60- Rng. 25  
Sec.3, Twp. 59- Rng. 25



Appraisal examined and approved by \_\_\_\_\_ Forester \_\_\_\_\_ Date \_\_\_\_\_