

## Itasca County Timber Appraisal Report

**Appraised By:**  
Perry Leone  
**Appraisal Date:**  
10/12/2018

**Sale Type:**  
REGULAR AUCTION SALE  
**Auction Date:**  
12/11/2018

**Appraisal Number:** 18-03-16  
**Permit Number:**  
**Expiration Date:** 03/01/2021  
**Page:** 1 of 3

Legal Description

<u>RE Code</u>	<u>Sec.</u>	<u>Twp.</u>	<u>Rge.</u>	<u>City/Twp</u>	<u>Subd</u>
52-026-3100	26	59	23	Unorganized	NE SW
52-026-3300	26	59	23	Unorganized	SW SW
52-026-3400	26	59	23	Unorganized	SE SW
52-034-1400	34	59	23	Unorganized	SE NE
52-035-2000	35	59	23	Unorganized	NW 1/4
52-035-3100	35	59	23	Unorganized	NE SW
52-035-3200	35	59	23	Unorganized	NW 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>
Aspen	1,204	Cords	\$26.00	\$31,304.00	6-7 sticks, 68-91 yrs. old.	15	^
Jack Pine	1,114	Cords	\$29.00	\$32,306.00	5-7 sticks, 76-95 yrs. old.	70	^
Spruce	754	Cords	\$19.00	\$14,326.00	3-7 sticks, 1% white, 77-111 yrs. old.	20	^
Tamarack	171	Cords	\$6.00	\$1,026.00	3-7 sticks, 111 yrs. old.	25	#
Red Pine	137	Cords	\$44.00	\$6,028.00	7 stick, 30% sawlogs, 58-80 yrs. old.	55	#
Balsam Fir	27	Cords	\$13.00	\$351.00	3-6 sticks.	10	#
				\$85,341.00	<b>Subtotal</b>		
<b>Total Cords =</b>	3,407		<b>Total MBF: 0</b>	\$85,341.00	<b>Total</b>		

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, Red Pine, Spruce, Tamarack

**Species SAE:**

**Operability:** 55% dry summer chance, 45% during frozen ground.: 7/1 - 3/1  
**Soil Type:** 202 Meehan Loamy Sand

**Topography:** Level  
**Cutting Acres:** 110.0

Harvest Specifications

<u>Comments</u>
Clear-cut harvest 107 acres; Red Pine Thin 3 acres 55% of permit is dry summer chance. Cutting blocks will be made available for summer & winter.

Harvest and Reserves

Reserve all white pine, red pine <11", maple, and non-hazardous snags.

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.  
Gates must remain locked during hunting season.  
State land must be crossed to access this timber sale. Logger must obtain permission from the land manager.  
.5-2.4 miles to Co. Rd. 53.

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### Landings and Access Roads

Reserve all non-merchantable timber within 15 ft. of the snowmobile trail.

### Cutting, Felling, and Skidding

Do not damage reserve trees.

There is 3 acres of red pine to thin. Thin stand down to an average of 110 basal area. Favor the removal of smaller diameter, poor quality, and damaged trees.

Sale boundaries are painted in orange or blue. There are also natural boundaries.

### Site, Soil, and Water Protection

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

### Slash Disposal

Slash must be evenly distributed throughout the aspen, tamarack, and spruce types.

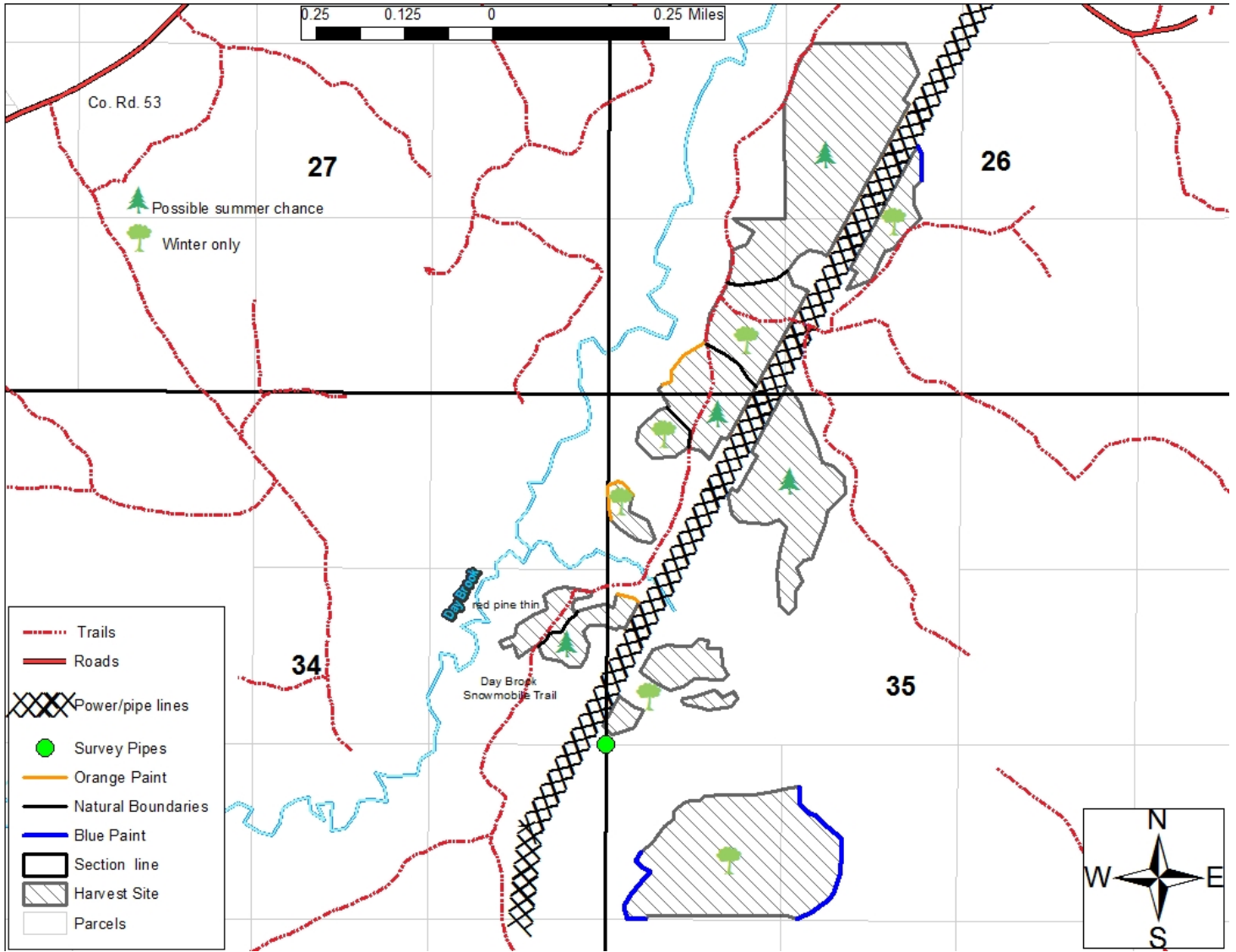
Slash is to be piled on the jack pine types. 20% of tops and limbs must be scattered throughout the permit area per Site Level Forest Management Guideline. The 20% is in addition to incidental breakage.

A 10 ft. wide slash free zone must be maintained along the snowmobile trail.

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**Site Map:**



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