

Itasca County Timber Appraisal Report

Appraised By: Tony Schram Appraisal Date: 08/14/2019	Sale Type: REGULAR AUCTION SALE Auction Date: 12/10/2019	Appraisal Number: 19-06-13 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>
41-029-1200	29	57	25	Wabana	NW NE
41-029-1300	29	57	25	Wabana	SW NE
41-029-2100	29	57	25	Wabana	LOT 1
41-029-2400	29	57	25	Wabana	SENW

<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	1,100	Cords	\$26.00	\$28,600.00	8-12 inch 6 sticks	10	^
Paper Birch	30	Cords	\$9.00	\$270.00			#
Spruce	40	Cords	\$20.00	\$800.00	100% W. Spruce	30	#
Balsam Fir	30	Cords	\$12.00	\$360.00			#
Red Pine	200	Cords	\$13.00	\$2,600.00	7-9 inch 3-4 sticks	40	^
Maple	2	Cords	\$9.00	\$18.00	8-12 inch 3-4 stick		#
				\$32,648.00	Subtotal		
Total Cords =	1,402		Total MBF: 0	\$32,648.00	Total		

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

Species Scaled: Aspen, Balsam Fir, Maple, Paper Birch, Red Pine, Spruce

Species SAE:

Operability: Dry Summer/Frozen Ground : 7/1 - 3/1	Soil Type: Nashwauk fine sandy loam, Warba-Menahga complex
Topography: Level to steep	Cutting Acres: 48.8

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
Harvest type: Aspen Clearcut W/Reserves (31.2 AC) and a 1st time Red Pine Thin(17.6 AC)

Harvest and Reserves
Aspen Stand: Harvest Aspen, Balsam Fir, Spruce, Paper Birch, and any marked hardwoods. Reserve Oak, Pine, Maple, Ash and Basswood Red Pine Thin: Thin Red Pine from 150 Basal area to 90. First cut 12 Ft access strips reserving 40 FT in between strips. Then thin from below between the strips favoring the removal of smaller diameter, poor quality and damaged stems; Reserve all other species unless overtopping crop tree. Reserve all non-hazardous snags.

Access
Access is across Itasca County Tax Forfeit Land. Water bars will need to be put in place on parts of the road within 2 weeks of the timber being removed.

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Landings and Access Roads

Location and construction of any new roads/landings must be pre-approved by the sale administrator.
 Trails and landings need to be rehabilitated to a satisfactory condition before performance bond is returned.
 Culvert(s) may be needed on access road(s).
 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.

Cutting, Felling, and Skidding

Within the Red Pine Stand Timber must be processed at the stump.
 Do not damage reserve trees.
 Do not fell timber into wetlands or across sale boundaries.
 Some steep slopes occur on this permit, which may require hand felling.
 Sale property boundaries painted With Orange circles.
 Sale cutting boundaries are painted with Orange slashes.

Site, Soil, and Water Protection

Filter strips require <5% soil disturbance within 50' of all wetlands.
 Roads and skid trails must be stablized. This may involve installing water bars, strike outs, and/or mulching and seeding.
 Reserve all non-merchantable timber within 15ft of all wetlands.

Special Conditions

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

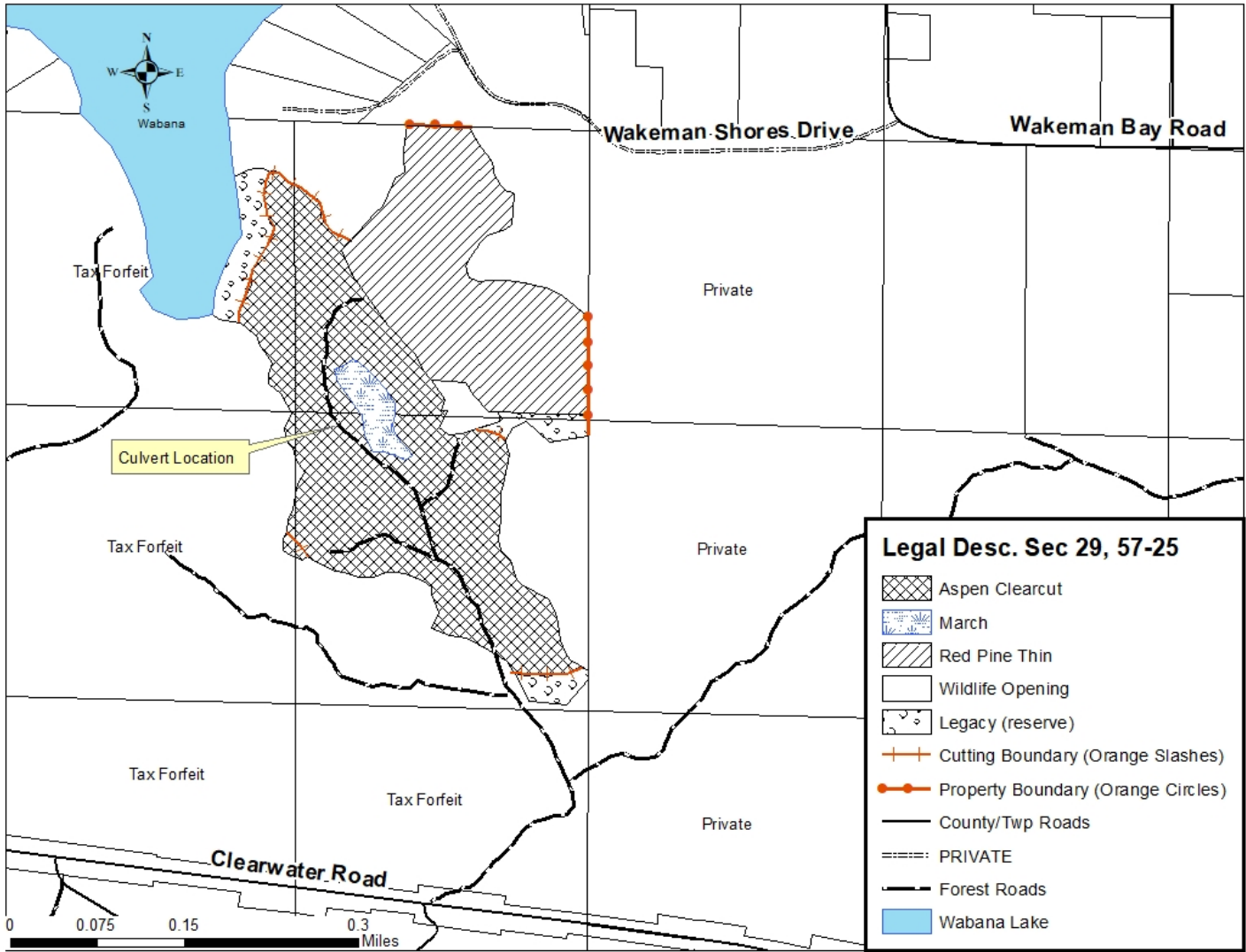
Regeneration Plan

Within the Aspen Type we will have natural regeneration of aspen, birch, maple, spruce and balsam fir.
 Within Red Pine Stand: Due to nature of managed species and type of harvest little to no tree regeneration is expected to occur after harvest.

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Site Map:



Appraisal examined and approved by _____
Forester Date

Appraisal examined and approved by _____
Land Department Date