

Itasca County Timber Appraisal Report

Appraised By: Perry Leone Appraisal Date: 10/19/2020	Sale Type: REGULAR AUCTION SALE Auction Date: 12/07/2020	Appraisal Number: 20-03-14 Permit Number: Expiration Date: 03/01/2024 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>
52-023-3100	23	59	23	Unorganized	NE SW
52-024-1300	24	59	23	Unorganized	SW NE
52-023-1000	23	59	23	Unorganized	NE 1/4
52-023-4000	23	59	23	Unorganized	SE 1/4
52-023-3300	23	59	23	Unorganized	SW SW
52-024-3200	24	59	23	Unorganized	NW SW
52-024-2400	24	59	23	Unorganized	SE NW
52-013-4400	13	59	23	Unorganized	SE SE LESS THAT PT SHOWN AS PARCEL 29 ON

<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	2,862	Cords	\$26.00	\$74,412.00	5-7 sticks, 49-73 yrs. old.	20	^
Spruce	1,213	Cords	\$19.00	\$23,047.00	3-7 sticks, 3% white spruce. 64-122 yrs. old.	10	^
Balsam Fir	248	Cords	\$8.00	\$1,984.00	3-6 sticks, 75 yrs. old.	10	#
Jack Pine	234	Cords	\$34.00	\$7,956.00	5-7 sticks. 88 yrs. old.	60	#
Ash	97	Cords	\$13.00	\$1,261.00	4-6 sticks, 114 yrs. old.	30	#
Tamarack	62	Cords	\$6.00	\$372.00	4-7 sticks.	0	#
Paper Birch	36	Cords	\$11.00	\$396.00	3-6 sticks.	10	#
Maple	33	Cords	\$9.00	\$297.00	3-5 sticks.	0	#

\$109,725.00 **Subtotal**

Total Cords = 4,785 **Total MBF: 0** \$109,725.00 **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: Ash , Aspen, Balsam Fir, Jack Pine, Maple , Paper Birch , Spruce , Tamarack

Species SAE:

Operability:	45% dry summer & 55% frozen ground.: 7/1 - 3/1	Soil Type:	Keewatin silt loam, Menahga & Graycalm soils, Meehan loamy sand, Greenwood peat, and Nashwauk fine
Topography:	Level to rolling	Cutting Acres:	144.0

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
Harvest Type: Clear-cut w/reserves of ASPEN/BLACK SPRUCE/JACK PINE, & 3 ACRES ASH THIN.

Harvest and Reserves
Reserve all red pine, white pine, oak, cedar, and non-hazardous snags. In the aspen types also reserve the unmerhantable birch and balsam. Reserve 50 basal area in the ash type. In the ash stands cut all aspen and balm and thin ash down to a 50 basal area.

Itasca County Timber Appraisal Report

Appraised By: Perry Leone Appraisal Date: 10/19/2020	Sale Type: REGULAR AUCTION SALE Auction Date: 12/07/2020	Appraisal Number: 20-03-14 Permit Number: Expiration Date: 03/01/2024 Page: 2 of 3
---	---	---

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.
 State land must be crossed to access timber sale. Logger must obtain permission from the land manager.
 0 -1 mile to Co. Rd. 53.

Landings and Access Roads

Reserve all non-merchantable timber within 15ft of Co Rd 53.
 Landings must be kept back at least 100' from Co. Rd. 53.

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 boundaries.

Site, Soil, and Water Protection

Filter strips require <5% soil disturbance within 50' of all wetlands.
 Roads and skid trails must be stabilized. This may involve installing water bars, strike outs, and/or mulching and seeding.

Slash Disposal

Slash must be evenly distributed throughout permit 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 road.

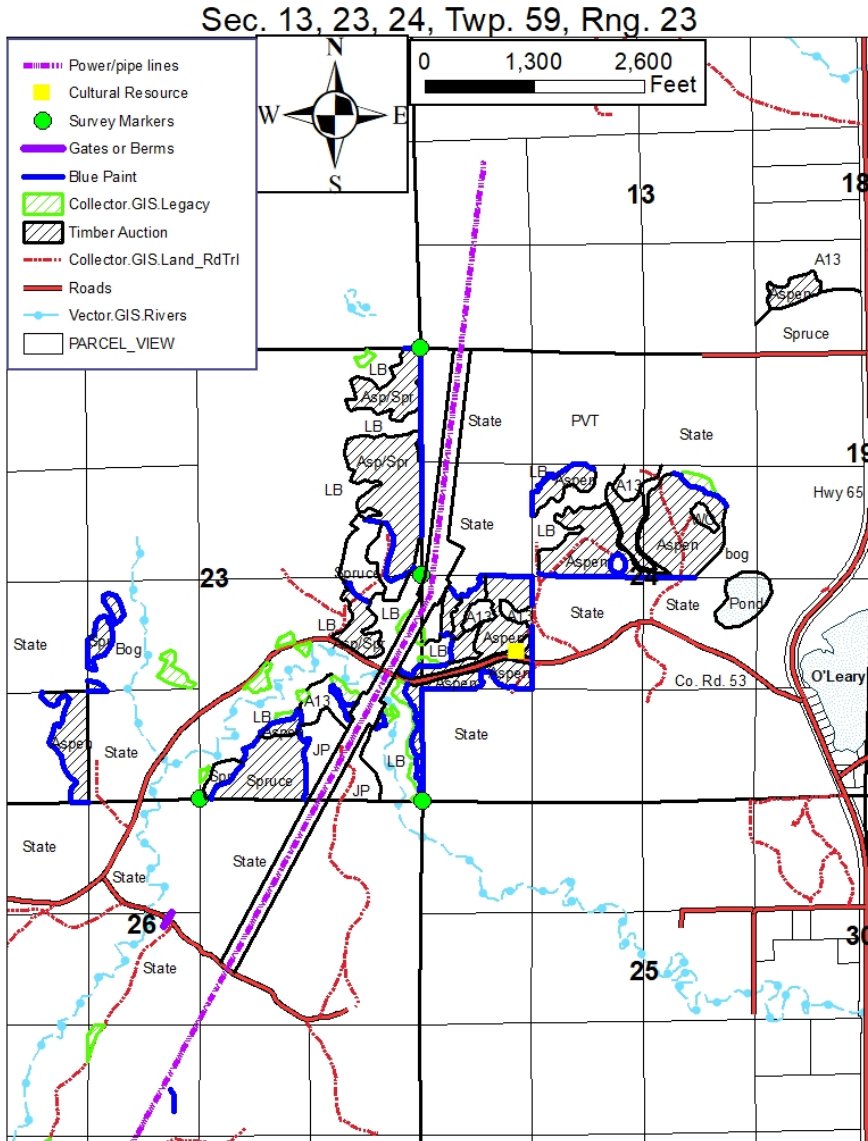
Regeneration Plan

Natural regeneration in the aspen stands and the black spruce/jack pine stands will be seeded to black spruce and jack pine.

Itasca County Timber Appraisal Report

Appraised By: Perry Leone	Sale Type: REGULAR AUCTION SALE	Appraisal Number: 20-03-14
Appraisal Date: 10/19/2020	Auction Date: 12/07/2020	Permit Number:
		Expiration Date: 03/01/2024
		Page: 3 of 3

Site Map:



Appraisal examined and approved by _____
Forester Date

Appraisal examined and approved by _____
Land Department Date