

Itasca County Timber Appraisal Report

Appraised By: Tony Schram Appraisal Date: 09/15/2021	Sale Type: REGULAR AUCTION SALE Auction Date: 12/14/2021	Appraisal Number: 21-06-17 Permit Number: Expiration Date: 03/01/2024 Page: 1 of 3
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Legal Description

RE Code	Sec.	Twp.	Rge.	City/Twp	Subd
28-002-0000	2	149	29	Moose Park	NE1/4
28-001-2200	1	149	29	Moose Park	NW NW
28-001-2300	1	149	29	Moose Park	SW NW
28-001-2400	1	149	29	Moose Park	SE NW

Block 1 Species	Volume	Units	Unit Price	Value	Comments	Bolt %	Bid
Spruce	490	Cords	\$10.00	\$4,900.00	6-12" DBH, 2-4 sticks, 1% black spruce, good quality	30	^
Ash	287	Cords	\$11.00	\$3,157.00	7-15" DBH, 3-6 sticks, 10% saw, good quality	25	^
Aspen	139	Cords	\$17.00	\$2,363.00	7-20" DBH, 3-7 sticks, good quality	25	^
Balm	100	Cords	\$17.00	\$1,700.00	6-10" DBH, 2-5 sticks, good quality	0	^
Basswood	4	Cords	\$8.00	\$32.00	6-20" DBH, 2-6 sticks, 15% saw, fair quality	40	#
Paper Birch	2	Cords	\$8.00	\$16.00	5-8" DBH, 2-4 sticks, good quality	0	#
Tamarack	1	Cords	\$5.00	\$5.00	5-8" DBH, 2-4 sticks, good quality	30	*

\$12,173.00 **Subtotal**

Total Cords = 1,023 **Total MBF: 0** \$12,173.00 **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, Balm , Basswood , Paper Birch , Spruce

Species SAE: Tamarack

Operability: Frozen Ground: 12/1 - 3/1 **Soil Type:** Effie Loam
Topography: Level **Cutting Acres:** 84.1

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 types: white spruce thin (62 acres); northern hardwood and black ash thin (20 acres); marked northern hardwood thin (1 acre); aspen/balm of Gilead clearcut with reserves (1 acre).

Harvest and Reserves
White spruce plantation, thin to a 90 BA. Cut 12 ft. clearcut strips every 40 ft. Thin to a 90 BA between strips. Between the strips, first remove all aspen, paper birch, tamarack, ash, and balm of Gilead overtopping any spruce. Next remove the smallest spruce, poorly formed, and/or unhealthy spruce. Ash and northern hardwood stands, thin to a 60 BA. Cut aspen first, balm of Gilead second and ash third. Cut the largest, poorly formed, and/or least healthy ash. Reserve all other species. Reserve all trees painted with an orange "R" and non-hazardous snags. Aspen/balm patches, cut all stems. In the marked thin patch, cut all trees with a blue ring.

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Access

Private / Easement road must be used to access the timber sale. Access road must be kept in good condition, as determined by administering forester, at all times.

2.3 miles from Baker Road to the southwestern edge of the white spruce plantation. Another option is accessing the sale from County Road 13 through private property using an ATV trail. The southwestern edge of the plantation is 1.9 miles from County Road 13.

Private land must be crossed to access timber sale. Logger must obtain permits/ permission from land owner/ land manager.

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, determined by administering forester, before performance bond is returned.

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

Do not fell timber across the property boundary.

The property boundary line are painted with 3 orange circles or an orange dash. Harvest boundary lines are painted with 3 orange dashes or an orange dash. Trees with 4 blue dashes mark a change in prescription. Natural boundaries exist on the rest of the sale.

Do not disturb survey marker or bearing trees in the SW corner of the white spruce plantation and the NE corner of the ash and northern hardwood thin. The markers and bearing trees are painted orange.

Do not place a landing on or cut any clearcut strip along the intermittent stream in the northern part of the white spruce plantation.

Within the plantation, timber must be processed at the stump.

Site, Soil, and Water Protection

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

Slash Disposal

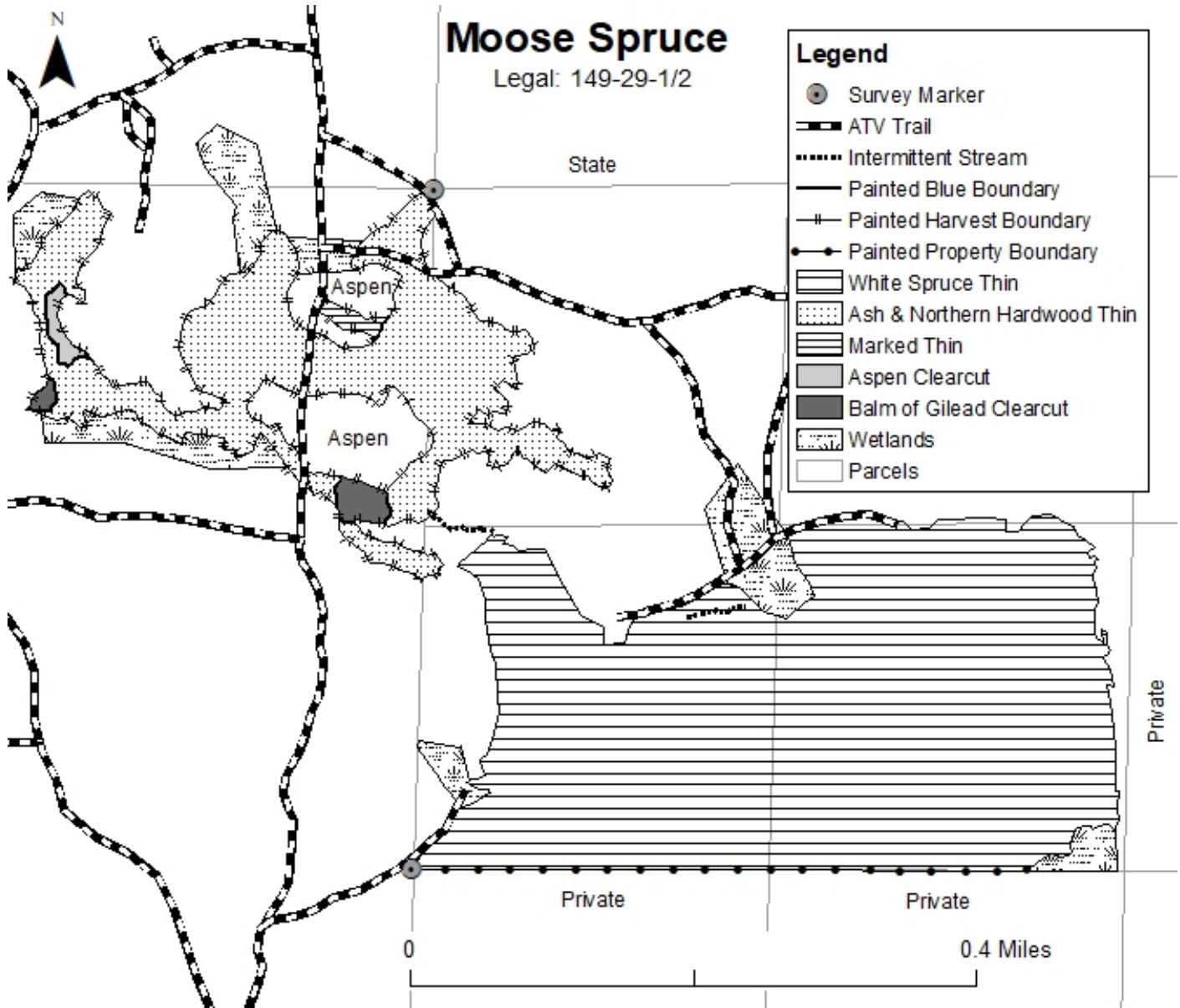
Slash must be evenly distributed throughout permit area.

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

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Site Map:



Appraisal examined and approved by _____
Forester Date

Appraisal examined and approved by _____
Land Department Date