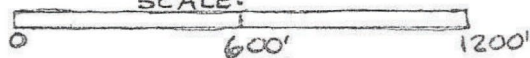


LEGEND

- PROPERTY BOUNDARY
- - - EXISTING ROAD (—Paved)
- ~ ~ ~ CREEK
- SPRING

SCALE:



KINWOOD TREE FARM

TIMBER CRUISE

May 18, 2022

LOCATION:

Property is 141.9 acres located in S32, T21S, R3W, W.M, Surveyed, Lane County, Oregon. The access addresses are 75080 & 75084 London Rd. Cottage Grove, OR. Interior roads are in place and rocked for easy access. Murray Creek crosses the property at the North end.

TIMBER:

Merchantable timber consists of 130 acres of a 30 year old stand recently thinned in 2018 consisting of primarily Douglas-fir with small amounts of White fir. Seven acres of residual older timber is also present concentrated mostly in the Southeast corner of the property. This timber is primarily Douglas-fir with smaller amounts of White fir and Western redcedar. Approximately 4.9 acres consists of road openings, stream riparian and swampy areas.

CRUISE:

The 30 year old stand was cruised separately from the older stand. One/20th acre fixed acre plots were used to sample species, defect, and grade. The minimum dbh used was 9" to a 16' length and a 6" top. Mason Bruce & Girard Volume Tables for 32' foot logs were used to calculate volumes using a form class of 72 for Douglas-fir, White fir and 68 Western redcedar. Hidden defect and breakage was estimated in the field.

VOLUME: (30 YEAR OLD TIMBER)

	<u>GROSS</u>	NET
Douglas-fir	1,126	1,092
White fir	12	12
Total	1,138 mbf	1,104 mbf
Mbf/ac	8.8 mbf	8.4 mbf

GRADE:	<u>3MILL</u>	<u>4MILL</u>
Douglas-fir	95%	5%
White fir	95%	5%

STAND STATISTICS:

--Total defect is 3% and includes visible, hidden and scale defect.

--Ave. merchantable tree is 11.24" dbh and 32' high to a 7" top.

--Ave. net volume per acre is 8.50 mbf.

--Ave. merchantable trees per acre 128.

VOLUME: (7 ACRE OLDER STAND)

	<u>GROSS</u>	<u>NET</u>
Douglas-fir	146	128
White fir	42	37
Western redcedar	<u>8</u>	-2
Total	196 mbf	172 mbf

GRADE:	<u>2MILL</u>	<u>3MILL</u>	<u>4MILL</u>
Douglas-fir	60%	37%	3%
White fir	60%	37%	3%
Western redcedar		100%	

--Gross volume per acre is 28 mbf.

--Net Volume per acre is 25 mbf.

--Total defect is estimated to be 12%.

--Ave. Douglas-fir is 18" dbh and 2.5 logs high to an 8" top.

--Ave White fir is 21" dbh and 2.5 logs high to an 8" top.

--The ave. Western redcedar is 2 logs high to a 9" top.