# STAND & STOCK TABLES

for the

# CHATEAUGAY NARROWS LOT

in

Town of Ellenburg, Clinton County, New York

Buck Brook Timber Co.

482 Stowe Mountain Rd

Hillsborough, NH 03244

Prepared September, 2019 by:



John D. Foppert & Neal F. Maker 96 Durocher Road Saranac, NY 12981

#### Veneer Trees

	stock	ing		volume/	ac			total volu	me	
				board feet		cords	tho	usand board for	eet	cords
species	$basal\ area$	trees/ac	veneer	sawtimber	pallet	pulp	veneer	sawtimber	pallet	pulp
black cherry	2.5	2.1	112	79		0.21	6.9	4.9		13
hard maple	0.8	0.6	38	47	12	0.02	2.4	2.9	0.8	1
total	3.3	2.7	150	126	12	0.22	9.3	7.8	0.8	14

#### Sawtimber Trees

	stock	cing		volume/	ac			total volu	me	
				board feet		cords	tho	usand board for	eet	cords
species	$basal\ area$	trees/ac	veneer	saw timber	pallet	pulp	veneer	sawtimber	pallet	pulp
soft maple	20.8	15.9		1498	202	2.03		92.9	12.6	126
fir	8.3	20.0		359		0.07		22.2		5
black cherry	5.8	6.1		240	71	0.52		14.9	4.4	32
hard maple	3.3	3.5		161	95	0.16		10.0	5.9	10
spruce	2.5	2.3		269		0.01		16.7		1
aspen	1.7	1.7		81		0.12		5.0		7
beech	0.8	0.8		36	25	0.05		2.2	1.5	3
hemlock	0.8	1.5		30	16	0.01		1.8	1.0	1
yellow birch	0.8	1.1		34	21	0.03		2.1	1.3	2
total	45.0	52.9	0	2708	430	3.00	0	167.9	26.7	186

#### Pallet Trees

	stock	cing		volume/	ac			total volu	me	
				board feet		cords	tho	usand board fo	eet	cords
species	$basal\ area$	trees/ac	veneer	sawtimber	pallet	pulp	veneer	sawtimber	pallet	pulp
hard maple	3.3	4.8			150	0.20			9.3	12
yellow birch	3.3	6.1			119	0.17			7.4	11
soft maple	2.5	2.4			161	0.21			10.0	13
total	9.2	13.4	0	0	430	0.58	0	0	26.7	36

#### Acceptable Pulp Trees

	stock	cing		volume/	ac			$total\ volu$	ime	
				board feet		cords	tho	usand board for	eet	cords
species	$basal\ area$	trees/ac	veneer	saw timber	pallet	$\overline{pulp}$	veneer	saw timber	pallet	pulp
soft maple	10.0	27.8				0.96				60
hard maple	7.5	34.4				0.38				24
black cherry	6.7	12.0				0.85				53
fir	3.3	24.1				0.06				4
beech	0.8	4.2				0.03				2
spruce	0.8	4.2				0.03				2
yellow birch	0.8	2.4				0.07				4
total	30.0	109.2	0	0	0	2.39	0	0	0	148

### Unacceptable Trees

	stock	cing		volume/	ac			total volu	me	
				board feet			tho	usand board fe	eet	cords
species	$basal\ area$	trees/ac	veneer	sawtimber	pallet	pulp	veneer	sawtimber	pallet	pulp
beech	10.0	26.3				1.27				79
hard maple	2.5	4.4				0.45				28
soft maple	1.7	5.0				0.21				13
black cherry	0.8	0.4				0.27				17
total	15.0	36.2	0	0	0	2.20	0	0	0	136

	stock	cing		volume/	ac			total volu	ime	
				board feet		cords	tho	usand board for	eet	cords
species	$basal\ area$	trees/ac	veneer	saw timber	pallet	pulp	veneer	sawtimber	pallet	pulp
soft maple	35.0	51.1		1498	364	3.40		92.9	22.5	211
hard maple	17.5	47.7	38	208	257	1.21	2.4	12.9	15.9	75
black cherry	15.8	20.7	112	320	71	1.84	6.9	19.8	4.4	114
beech	11.7	31.3		36	25	1.36		2.2	1.5	84
fir	11.7	44.2		359		0.14		22.2		8
yellow birch	5.0	9.6		34	140	0.27		2.1	8.7	17
spruce	3.3	6.6		269		0.04		16.7		3
aspen	1.7	1.7		81		0.12		5.0		7
hemlock	0.8	1.5		30	16	0.01		1.8	1.0	1
$grand\ total$	102.5	214.3	150	2835	872	8.39	9.3	175.7	54.1	520

#### Veneer Trees

	stock	ring		volume/	ac			total volu	ime	
				board feet			tho	usand board for	eet	cords
species	$basal\ area$	trees/ac	veneer	saw timber	pallet	pulp	veneer	saw timber	pallet	$\overline{pulp}$
total	0	0	0	0	0	0	0	0	0	0

#### Sawtimber Trees

	stock	cing		volume/	ac			total volu	me	
				board feet		cords	tho	usand board for	eet	cords
species	$basal\ area$	trees/ac	veneer	sawtimber	pallet	pulp	veneer	sawtimber	pallet	pulp
spruce	40	56.9		3201		0.37		25.6		3
fir	20	39.6		944		0.54		7.6		4
white pine	5	4.7		461		0.14		3.7		1
total	65	101.1	0	4606	0	1.05	0	36.9	0	8

#### Pallet Trees

	stock	zing		volume/	ac			total volu	me	
				board feet			tho	usand board for	eet	cords
species	$basal\ area$	trees/ac	veneer	saw timber	pallet	pulp	veneer	sawtimber	pallet	pulp
total	0	0	0	0	0	0	0	0	0	0

#### Acceptable Pulp Trees

	stock	cing		volume/	ac			total volu	me	
				board feet			tho	usand board for	eet	cords
species	$basal\ area$	trees/ac	veneer	saw timber	pallet	pulp	veneer	sawtimber	pallet	pulp
fir	20	253.1								
cedar	5	14.3				0.40				3
paper birch	5	57.3								
soft maple	5	25.5				0.19				1
total	35	350.2	0	0	0	0.59	0	0	0	5

### Unacceptable Trees

	stock	zing		volume/	ac			total volu	me	
				board feet			tho	usand board for	eet	cords
species	$basal\ area$	trees/ac	veneer	saw timber	pallet	pulp	veneer	sawtimber	pallet	pulp
fir	5	25.5				0.19				1
total	5	25.5	0	0	0	0.19	0	0	0	1

	stock	cing		volume/	ac			$total\ volu$	me	
				board feet		cords	tho	usand board for	eet	cords
species	$basal\ area$	trees/ac	veneer	sawtimber	pallet	pulp	veneer	sawtimber	pallet	pulp
fir	40	216.3		944		0.73		7.6		6
spruce	40	56.9		3201		0.37		25.6		3
cedar	5	14.3				0.40				3
paper birch	5	57.3								
soft maple	5	25.5				0.19				1
white pine	5	4.7		461		0.14		3.7		1
grand total	100	375.0	0	4606	0	1.82	0	36.9	0	15

Stand 3

#### Veneer Trees

	stock	cing		volume/	ac			total volu	me	
				board feet			tho	usand board for	eet	cords
species	$basal\ area$	trees/ac	veneer	sawtimber	pallet	pulp	veneer	sawtimber	pallet	pulp
hard maple	6.2	3.8	288	329	97	0.37	27.3	31.3	9.2	36
black cherry	1.9	1.4	89	81	26	0.11	8.5	7.7	2.5	10
paper birch	0.5	0.4	21	15	10	0.02	2.0	1.4	1.0	2
soft maple	0.5	0.4	21	14		0.03	2.0	1.4		3
total	9.0	6.0	419	440	133	0.53	39.8	41.8	12.6	50

#### Sawtimber Trees

	stock	cing		volume/	ac			$total\ volu$	ime	
				board feet		cords	tho	usand board for	eet	cords
species	$basal\ area$	trees/ac	veneer	saw timber	pallet	pulp	veneer	saw timber	pallet	pulp
hard maple	12.9	11.6		807	349	0.60		76.7	33.2	57
fir	10.5	19.3		637		0.10		60.5		9
soft maple	9.0	7.3		588	170	0.80		55.9	16.2	76
spruce	1.4	2.4		90		0.02		8.5		2
beech	0.5	0.5		20		0.05		1.9		5
black cherry	0.5	0.5		20		0.05		1.9		5
paper birch	0.5	0.6		19		0.04		1.8		4
total	35.2	42.1	0	2181	520	1.66	0	207.2	49.4	158

#### Pallet Trees

	stock	cing		volume/	ac			total volu	me	
				board feet		cords	tho	usand board for	eet	cords
species	$basal\ area$	trees/ac	veneer	sawtimber	pallet	pulp	veneer	sawtimber	pallet	pulp
hard maple	4.3	6.7			181	0.26			17.2	25
soft maple	1.0	0.9			36	0.10			3.4	9
yellow birch	1.0	1.7			34	0.05			3.2	5
beech	0.5	0.5			20	0.05			1.9	5
elm	0.5	0.5			20	0.05			1.9	5
paper birch	0.5	0.6			31	0.02			3.0	2
total	7.6	11.0	0	0	322	0.53	0	0	30.6	<i>50</i>

# Acceptable Pulp Trees

	stock	cing		volume/	ac			total volu	me	
				board feet		cords	tho	usand board for	eet	cords
species	$basal\ area$	trees/ac	veneer	saw timber	pallet	pulp	veneer	sawtimber	pallet	pulp
yellow birch	11.0	78.7				0.43				41
soft maple	7.6	50.1				0.19				18
fir	5.7	44.7				0.09				8
hard maple	3.8	17.7				0.23				22
ash	2.9	15.8				0.15				14
black cherry	1.4	2.7				0.17				16
beech	1.0	4.2				0.04				4
$_{ m elm}$	0.5	2.4				0.02				2
paper birch	0.5	2.4				0.02				2
spruce	0.5	5.5								
total	34.8	224.2	0	0	0	1.34	0	0	0	127

#### Unacceptable Trees

	stock	ing		volume/	ac			total volu	me	
				board feet		cords	tho	usand board for	eet	cords
species	$basal\ area$	trees/ac	veneer	saw timber	pallet	pulp	veneer	saw timber	pallet	$\overline{pulp}$
beech	3.8	24.9				0.25				24
hard maple	2.4	8.1				0.14				13
soft maple	1.0	1.5				0.14				13
yellow birch	1.0	1.4				0.17				16
black cherry	0.5	5.5								
total	8.6	41.3	0	0	0	0.70	0	0	0	67

	stock	cing		volume/	ac			total volu	me	
				board feet		cords	tho	usand board for	eet	cords
species	$basal\ area$	trees/ac	veneer	saw timber	pallet	pulp	veneer	saw timber	pallet	$\overline{pulp}$
hard maple	29.5	47.9	288	1136	627	1.61	27.3	107.9	59.5	153
soft maple	19.0	60.2	21	602	206	1.25	2.0	57.2	19.6	119
fir	15.7	54.3		637		0.19		60.5		18
yellow birch	12.4	60.1			34	0.65			3.2	62
beech	5.2	20.4		20	20	0.40		1.9	1.9	38
black cherry	4.3	10.0	89	101	26	0.33	8.5	9.6	2.5	31
ash	2.9	15.8				0.15				14
paper birch	1.9	4.0	21	34	41	0.10	2.0	3.3	3.9	9
spruce	1.9	7.8		90		0.02		8.5		2
elm	1.0	2.9			20	0.07			1.9	7
grand total	93.8	283.5	419	2621	974	4.76	39.8	249.0	92.6	452

#### Veneer Trees

	stock	eing		volume/	ac			total volu	me	
				board feet c			tho	usand board for	eet	cords
species	$basal\ area$	trees/ac	veneer	sawtimber	pallet	pulp	veneer	sawtimber	pallet	pulp
yellow birch	2.5	2	112	80		0.2	2.1	1.5		4
total	2.5	2	112	80	0	0.2	2.1	1.5	0	4

#### Sawtimber Trees

	stock	cing		volume/	ac			total volu	me	
				board feet		cords	tho	usand board for	eet	cords
species	$basal\ area$	trees/ac	veneer	saw timber	pallet	pulp	veneer	sawtimber	pallet	$\overline{pulp}$
fir	37.5	84.5		1974		0.70		37.5		13
hard maple	7.5	6.9		387	286	0.36		7.3	5.4	7
soft maple	7.5	6.9		380	229	0.49		7.2	4.3	9
black cherry	2.5	2.0		192		0.20		3.6		4
spruce	2.5	1.8		321				6.1		
total	57.5	102.2	0	3254	514	1.75	0	61.8	9.8	33

#### Pallet Trees

	stock	eing		volume/	ac			total volu	me	
				board feet		cords	tho	usand board for	eet	cords
species	$basal\ area$	trees/ac	veneer	saw timber	pallet	pulp	veneer	sawtimber	pallet	pulp
hard maple	7.5	8.6			506	0.46			9.6	9
soft maple	5.0	5.1			289	0.43			5.5	8
total	12.5	13.6	0	0	795	0.89	0	0	15.1	17

#### Acceptable Pulp Trees

	stock	ing		volume/	ac			total volu	me	
				board feet		cords	tho	usand board for	eet	cords
species	$basal\ area$	trees/ac	veneer	sawtimber	pallet	pulp	veneer	sawtimber	pallet	pulp
soft maple	10.0	98.0				0.33				6
yellow birch	7.5	54.1				0.20				4
fir	5.0	47.0								
beech	2.5	28.6								
paper birch	2.5	9.4				0.12				2
total	27.5	237.1	0	0	0	0.66	0	0	0	12

### Unacceptable Trees

	stock	cing		volume/	ac			total volu	me	
				board feet			tho	usand board for	eet	cords
species	$basal\ area$	trees/ac	veneer	saw timber	pallet	pulp	veneer	sawtimber	pallet	$\overline{pulp}$
black cherry	2.5	2.7				0.48				9
soft maple	2.5	5.7				0.24				5
total	5.0	8.4	0	0	0	0.72	0	0	0	14

	stock	ing		volume/	ac			$total\ volu$	ime	
				board feet		cords	tho	usand board for	eet	cords
species	$basal\ area$	trees/ac	veneer	sawtimber	pallet	pulp	veneer	sawtimber	pallet	pulp
fir	42.5	131.5		1974		0.70		37.5		13
soft maple	22.5	64.7		380	517	1.49		7.2	9.8	28
hard maple	15.0	15.5		387	792	0.82		7.3	15.0	16
yellow birch	10.0	56.2	112	80		0.40	2.1	1.5		8
black cherry	5.0	4.7		192		0.68		3.6		13
beech	2.5	28.6								
paper birch	2.5	9.4				0.12				2
spruce	2.5	1.8		321				6.1		
grand total	102.5	312.4	112	3333	1309	4.23	2.1	63.3	24.9	80

#### Veneer Trees

	stock	zing		volume/	ac			total volu	me	
				board feet		cords	tho	usand board fe	eet	cords
species	$basal\ area$	trees/ac	veneer	sawtimber	pallet	pulp	veneer	sawtimber	pallet	pulp
total	0	0	0	0	0	0	0	0	0	0

#### Sawtimber Trees

	stock	eing		volume/	ac			total volu	me	
				board feet			tho	usand board for	eet	cords
species	$basal\ area$	trees/ac	veneer	saw timber	pallet	pulp	veneer	sawtimber	pallet	pulp
fir	40	64.9		1925		1.78		5.8		5
scots pine	40	27.2		4384	439	1.85		13.2	1.3	6
total	80	92.2	0	6309	439	3.63	0	18.9	1.3	11

#### Pallet Trees

	stock	ing		volume/	ac			total volu	me	
				board feet		cords	tho	usand board fe	eet	cords
species	$basal\ area$	trees/ac	veneer	saw timber	pallet	pulp	veneer	sawtimber	pallet	pulp
black cherry	10	8.9			445	1.57			1.3	5
soft maple	5	5.4			210	0.54			0.6	2
total	15	14.3	0	0	655	2.10	0	0	2.0	6

#### Acceptable Pulp Trees

	stock	ing		volume/	ac			total volu	me	
				board feet		cords	tho	usand board for	eet	cords
species	$basal\ area$	trees/ac	veneer	saw timber	pallet	pulp	veneer	sawtimber	pallet	pulp
soft maple	15	130.6								
fir	10	50.9				0.37				1
black cherry	5	36.7								
total	30	218.2	0	0	0	0.37	0	0	0	1

#### Unacceptable Trees

	stock	cing		volume/	ac			total volu	me	
				board feet			tho	usand board fo	eet	cords
species	$basal\ area$	trees/ac	veneer	sawtimber	pallet	pulp	veneer	saw timber	pallet	pulp
scots pine	5	5.4				0.96				3
total	5	5.4	0	0	0	0.96	0	0	0	3

Totals

	stock	ing		volume/	ac			total volu	me	
				board feet		cords	tho	usand board for	eet	cords
species	$basal\ area$	trees/ac	veneer	saw timber	pallet	pulp	veneer	saw timber	pallet	pulp
fir	50	115.9		1925		2.15		5.8		6
scots pine	45	32.7		4384	439	2.81		13.2	1.3	8
soft maple	20	136.1			210	0.54			0.6	2
black cherry	15	45.6			445	1.57			1.3	5
grand total	130	330.2	0	6309	1094	7.07	0	18.9	3.3	21

# Property-Wide

### Veneer Trees

	stock	cing		volume/	ac			total volu	me	
				board feet		cords	tho	usand board for	eet	cords
species	$basal\ area$	trees/ac	veneer	saw timber	pallet	pulp	veneer	sawtimber	pallet	pulp
hard maple	3.4	2.1	159	183	53	0.20	29.6	34.1	9.9	37
black cherry	1.7	1.3	78	65	13	0.11	14.7	12.1	2.5	21
paper birch	0.2	0.2	11	8	5	0.01	2.0	1.5	1.0	2
soft maple	0.2	0.2	11	7		0.02	2.0	1.4		3
yellow birch	0.2	0.2	11	8		0.02	2.0	1.5		4
total	5.9	4.1	269	270	72	0.36	50.4	50.5	13.4	67

#### Sawtimber Trees

	stock	ing		volume/	ac			$total\ volu$	me	
				board feet		cords	tho	usand board fe	eet	cords
species	$basal\ area$	trees/ac	veneer	sawtimber	pallet	pulp	veneer	sawtimber	pallet	pulp
fir	14.4	29.1		764		0.25		142.8		47
soft maple	11.5	9.1		777	169	1.05		145.3	31.6	196
hard maple	8.3	7.6		498	235	0.39		93.2	43.9	73
spruce	3.7	4.8		312		0.03		58.4		6
black cherry	2.2	2.3		99	21	0.20		18.6	3.9	37
scots pine	2.0	1.3		214	21	0.09		40.0	4.0	17
aspen	0.5	0.5		24		0.03		4.4		6
beech	0.5	0.5		21	7	0.04		3.9	1.4	8
hemlock	0.2	0.4		9	5	0.00		1.6	0.9	1
paper birch	0.2	0.3		10		0.02		1.8		4
white pine	0.2	0.2		22		0.01		4.2		1
yellow birch	0.2	0.3		10	6	0.01		1.8	1.1	2
total	43.9	56.5	0	2759	464	2.13	0	516.0	86.7	398

#### Pallet Trees

	stock	ing		volume/	ac			$total\ volu$	me	
				board feet		cords	tho	usand board for	eet	cords
species	$basal\ area$	trees/ac	veneer	saw timber	pallet	pulp	veneer	sawtimber	pallet	pulp
hard maple	3.9	5.7			186	0.24			34.8	44
soft maple	2.0	1.9			104	0.18			19.4	33
yellow birch	1.5	2.7			52	0.08			9.8	14
black cherry	0.5	0.4			22	0.08			4.1	14
beech	0.2	0.3			10	0.03			1.9	5
$_{ m elm}$	0.2	0.3			10	0.03			1.9	5
paper birch	0.2	0.3			16	0.01			3.0	2
total	8.5	11.6	0	0	400	0.63	0	0	74.8	118

# Acceptable Pulp Trees

	stock	ing		volume/	ac			total volu	me	
				board feet		cords	tho	usand board for	eet	cords
species	$basal\ area$	trees/ac	veneer	saw timber	pallet	pulp	veneer	sawtimber	pallet	pulp
soft maple	8.8	50.9				0.42				79
yellow birch	6.6	46.3				0.26				49
fir	5.9	49.4				0.08				15
hard maple	4.1	19.1				0.23				43
black cherry	2.9	6.7				0.34				63
ash	1.5	8.1				0.08				14
beech	1.0	6.2				0.03				6
paper birch	0.7	4.9				0.02				4
spruce	0.5	4.0				0.01				2
cedar	0.2	0.7				0.02				4
elm	0.2	1.2				0.01				2
total	32.4	197.7	0	0	0	1.50	0	0	0	280

### Unacceptable Trees

	stock	ing		volume/	ac			$total\ volu$	me	
				board feet		cords	tho	usand board for	eet	cords
species	$basal\ area$	trees/ac	veneer	saw timber	pallet	pulp	veneer	sawtimber	pallet	pulp
beech	4.9	20.5				0.50				94
hard maple	2.0	5.4				0.20				38
soft maple	1.2	2.8				0.16				29
black cherry	0.7	3.2				0.13				23
yellow birch	0.5	0.7				0.09				16
fir	0.2	1.2				0.01				2
scots pine	0.2	0.3				0.05				9
total	9.8	34.1	0	0	0	1.13	0	0	0	211

	stock	cing		volume/	ac			$total\ volu$	ime	
				board feet		cords	tho	usand board for	eet	cords
species	$basal\ area$	trees/ac	veneer	saw timber	pallet	pulp	veneer	saw timber	pallet	$\overline{pulp}$
soft maple	23.4	60.0	11	784	273	1.82	2.0	146.6	51.0	340
hard maple	21.7	40.0	159	681	474	1.26	29.6	127.3	88.6	235
fir	20.0	69.8		764		0.34		142.8		64
yellow birch	8.8	39.1	11	18	58	0.45	2.0	3.3	10.9	85
black cherry	8.0	13.9	78	164	56	0.85	14.7	30.7	10.4	159
beech	6.3	22.4		21	18	0.60		3.9	3.3	112
spruce	4.1	8.9		312		0.04		58.4		7
scots pine	2.2	1.6		214	21	0.14		40.0	4.0	26
ash	1.5	8.1				0.08				14
paper birch	1.5	5.8	11	18	21	0.06	2.0	3.3	3.9	11
aspen	0.5	0.5		24		0.03		4.4		6
elm	0.5	1.5			10	0.04			1.9	7
cedar	0.2	0.7				0.02				4
hemlock	0.2	0.4		9	5	0.00		1.6	0.9	1
white pine	0.2	0.2		22		0.01		4.2		1
$grand\ total$	99.3	272.8	269	3030	935	5.74	50.4	566.6	174.9	1073