

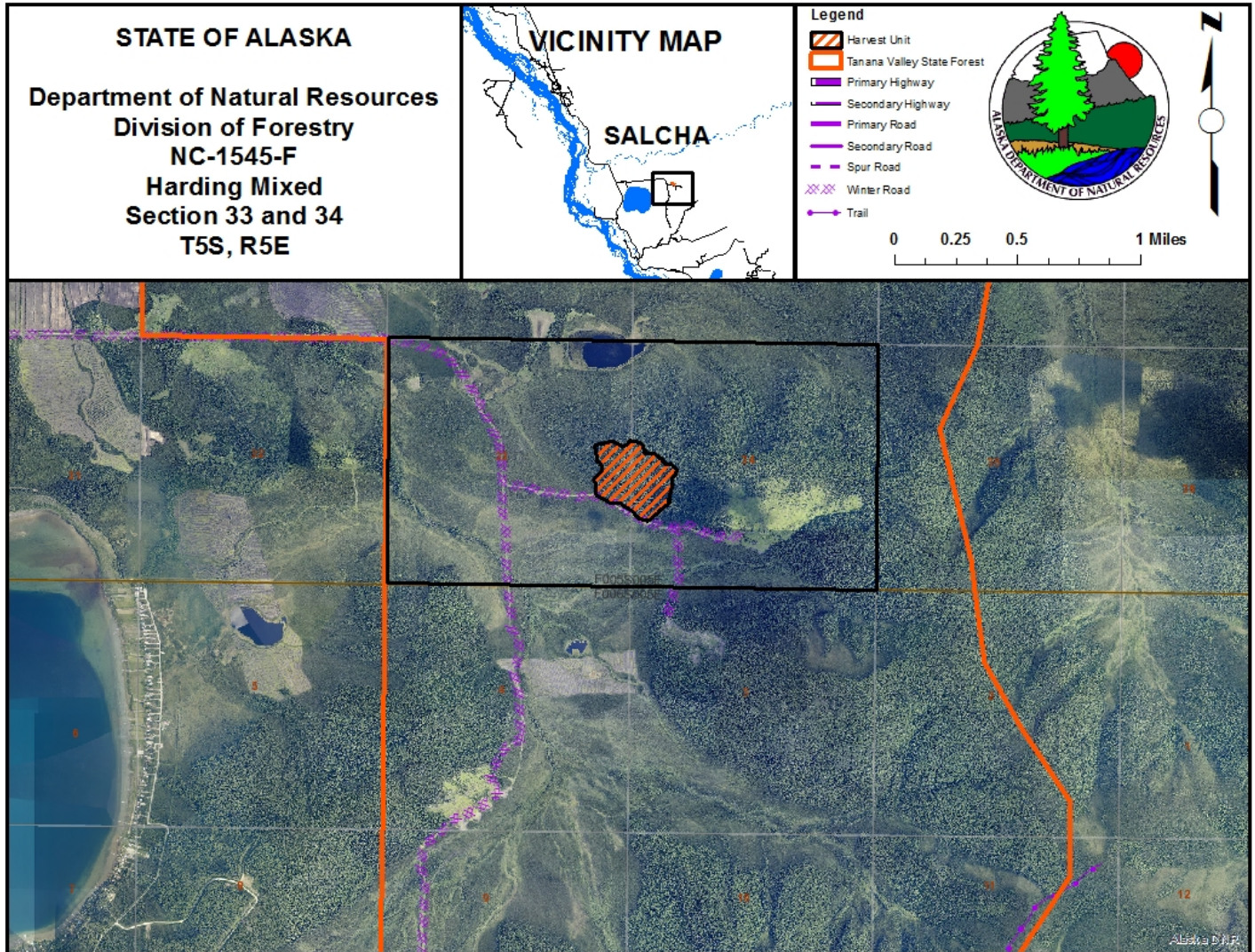
STATE OF ALASKA  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF FORESTRY

TIMBER SALE PROSPECTUS  
SPRING 2018  
**AUCTION DATE: March 7, 2018**

	PAGE
<b>NC-1545-F Harding Mixed .....</b>	<b>2</b>
<b>NC-1581-F Iowa Ridge .....</b>	<b>5</b>
<b>NC-1602-F Salcha Flood Salvage #4 .....</b>	<b>8</b>
<b>NC-1603-F Salcha Flood Salvage #5 .....</b>	<b>11</b>
<b>NC-1604-F Salcha Flood Salvage #6.....</b>	<b>13</b>
<b>NC-1606-F Salcha Flood Salvage #7 .....</b>	<b>13</b>
<b>GENERAL SALE INFORMATION.....</b>	<b>18</b>

## NC-1545-F Harding Mixed

**NC-1545-F Harding Mixed:** a 47.9-acre sale of a single unit consisting of mixed green and dead wood, with winter access; is located approximately 42 miles southeast of Fairbanks. The sale does not require new road construction; however, maintenance of the access roads will be at the PURCHASER'S expense. Maintenance may include snow plowing and some road reconditioning depending on seasonal weather events. The sale is designated on the ground within Sections 33 and 34, Township 5 South, Range 5 East, Fairbanks Meridian, Alaska.



SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Spruce Sawlogs	372 CCF	\$28.83/CCF	\$10,724.76	May 31, 2021
Spruce Fuelwood	136 CCF	\$20.00/CCF	\$2,270.00	May 31, 2021
Birch Fuelwood	272 CCF	\$21.93/CCF	\$5,964.96	May 31, 2021
<b>TOTAL=</b>			<b>\$19,409.72</b>	

**Short Log Volume in MBF = 152.52**

**NC-1545-F** can be accessed at milepost 321.5 on the Richardson Highway. At this point turn east on the all-season road, Harding Dr. until the start of the existing winter road. Continue for another 3.6 miles and turn east on the existing winter road. The sale is located approximately another 3.5 miles on north side. The unit is on a southwest facing slope east of Harding Lake. Pink timber harvest boundary flagging is used for boundary marking along with painted blue trees along the exterior unit boundaries. Bonding for the sale is **\$1,900.00**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge.

**Timber Cruise Summary Stand Table****NC-1545-F**

SPRUCE SAWLOGS AND SPRUCE/BIRCH FUELWOOD

BAF = 20

Percent Defect = 10%

**Acres:** 47.9**Birch**

DBH	Per Acre Values				Volume Per Tree		Total Values		
	Trees	Basal Area	Gross CF	Net CF	Net CF	Trees	Gross CCF	Net CCF	Percent
7	5	2	18	16		257	9	8	3
8	17	6	95	86		827	46	41	15
9	20	9	121	109		943	58	52	19
10	12	7	136	122		589	65	58	22
11	8	5	94	84		392	45	40	15
12	5	4	58	52		250	28	25	9
13	1	1	20	18		59	10	9	3
14	1	1	25	22		54	12	11	4
15	1	2	36	32		70	17	16	6
17	1	2	29	26		59	14	12	5
	73	37	630	567	8	3,501	302	272	100

STD Error: 11.7%

**Fuel Spruce**

DBH	Per Acre Values				Volume Per Tree		Total Values		
	Trees	Basal Area	Gross CF	Net CF	Net CF	Trees	Gross CCF	Net CCF	Percent
6	26	7	63	56		1,257	30	27	20
7	27	7	131	118		1,283	63	56	42
8	19	6	121	109		907	58	52	38
	72	20	314	283	4	3,447	151	136	100

STD Error: 12.2%

**White Spruce**

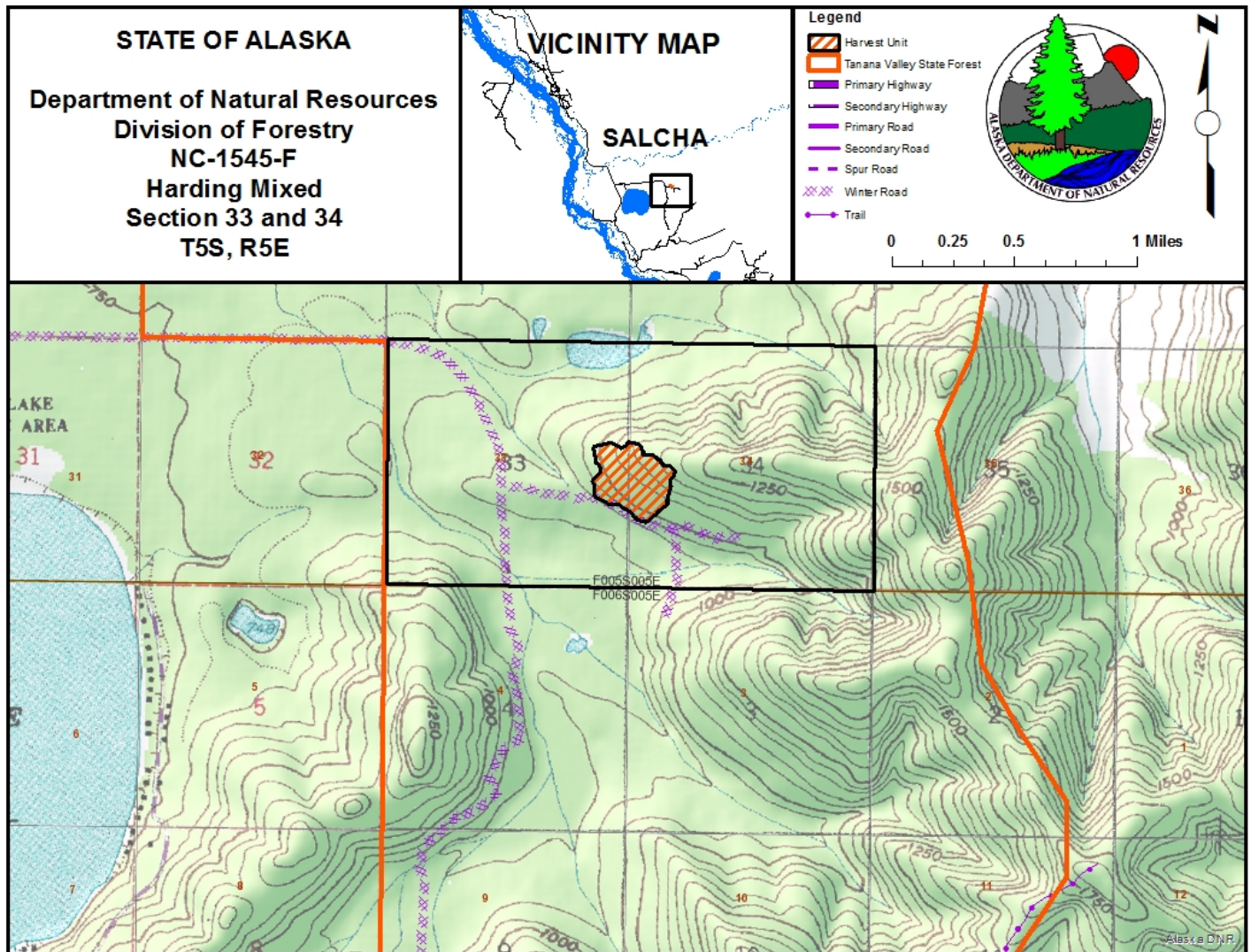
DBH	Per Acre Values				Volume Per Tree		Total Values		
	Trees	Basal Area	Gross CF	Net CF	Net CF	Trees	Gross CCF	Net CCF	Percent
9	15	7	105	95		715	50	45	12
10	6	3	55	50		277	27	24	6
11	11	7	146	131		525	70	63	17
12	8	7	138	125		398	66	60	16
13	3	3	73	66		157	35	31	8
14	3	3	78	71		133	38	34	9
15	3	4	101	91		143	49	44	12
16	2	3	90	81		98	43	39	10
17	1	2	76	69		61	37	33	9
	52	39	864	777	15	2,506	414	372	100

STD Error: 12.1%

Tuesday, February 20, 2018

Page 1 of 1

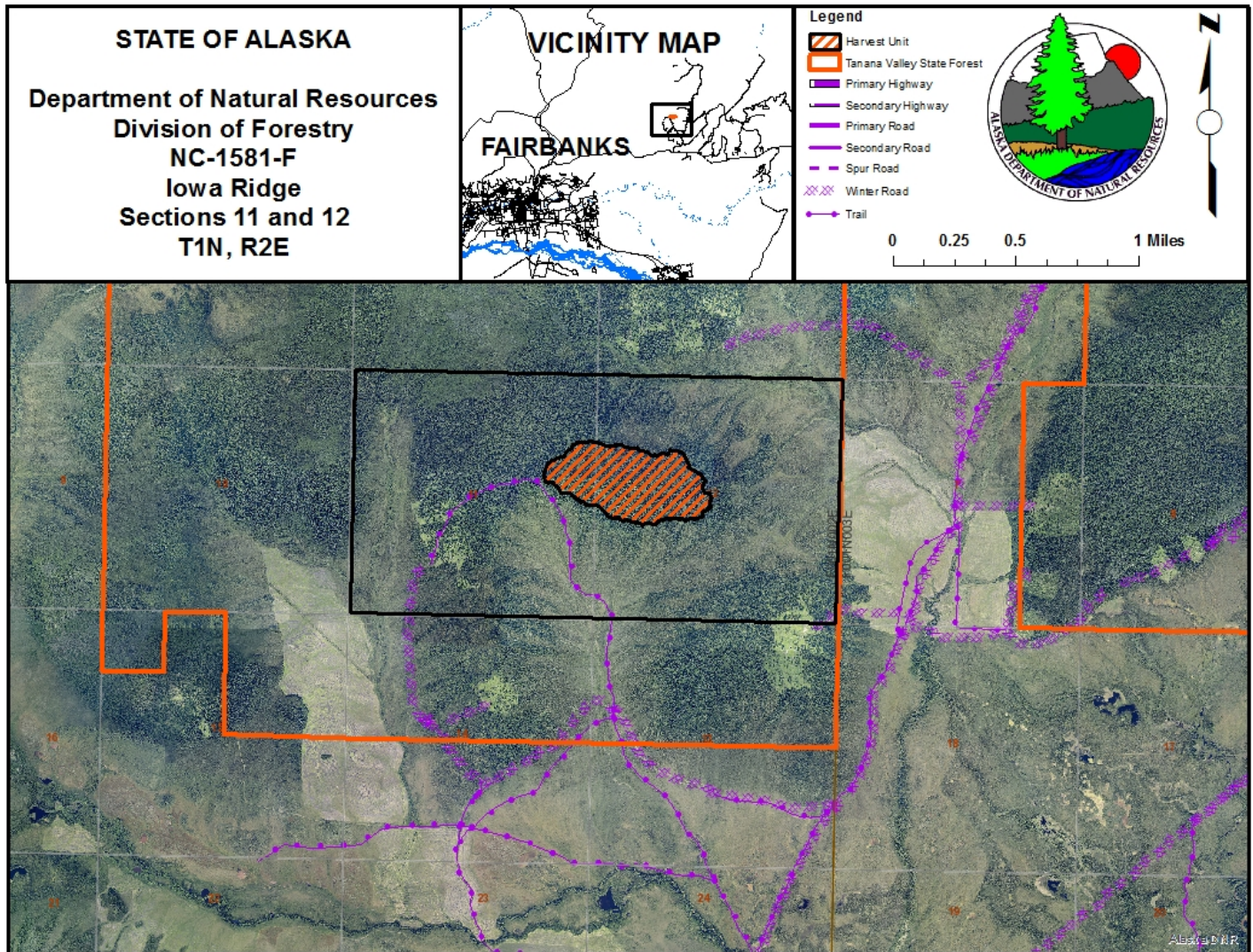






## NC-1581-F Iowa Ridge

**NC-1581-F, Iowa Ridge:** a 100.6-acre sale of a single unit consisting of white spruce sawlogs, with winter access; is located approximately 13 miles northeast of Fairbanks. The sale is accessed from Fairbanks by driving east on the Chena Hot Springs Road to milepost 11 and then turning north for an additional 0.5 miles on Adventure Road. At this point turn east onto the winter road and continue for approximately 2.8 miles. Turn west and continue for less than 0.1 mile through two harvested units. From this point roughly 0.5 mile of new winter road construction would be required to access the sale boundary. The proposed sale area is located within the Section 11 and 12 of Township 1 North, Range 2 East, Fairbanks Meridian.



SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Spruce Sawlogs	1314 CCF	\$27.95/CCF	\$36,253.26	May 31, 2021

**Short Log Volume in MBF = 538.74**

**NC-1581-F** The site is located on a southwestern aspect. The stand is mostly spruce with some small pockets of birch. This sale is adjacent to previous harvests from the 1990s. Spur roads from these harvests may be re-opened and utilized to access the harvest unit. In general, the timber is good quality well stocked spruce sawtimber, but there is some blowdown in the stand. The PURCHASER will remove all spruce 9 inches and greater. Bonding for the sale is **\$3,600.00**, or 10% of the final bid price whichever is greater for the performance bond and **\$500.00** for the project bond, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge.

---

**Timber Cruise Summary Stand Table****NC-1581****Acres**

100.6

SPRUCE SAWLOG

BAF=20 Percent defect=10%

**White Spruce**

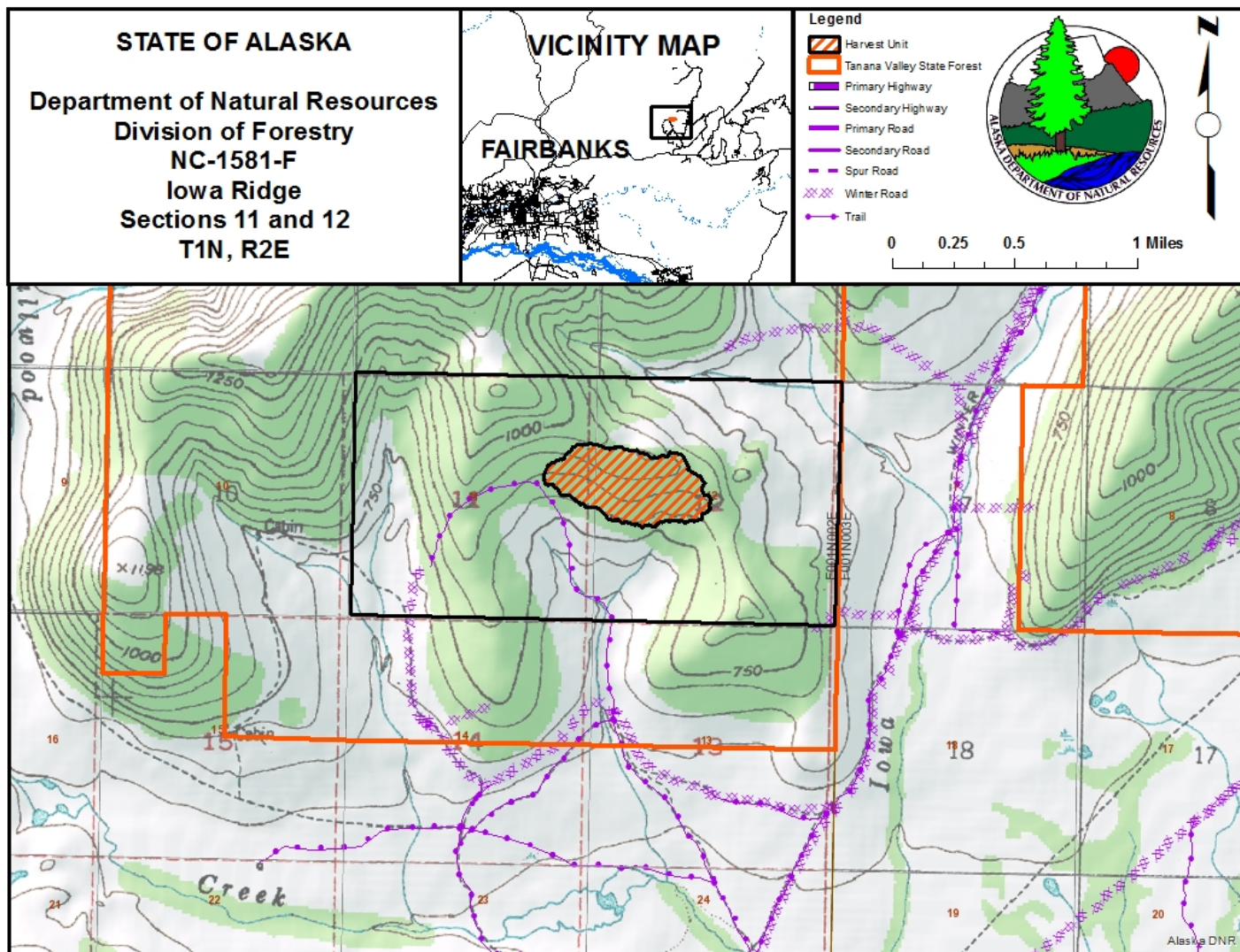
DBH	Per Acre Values				Volume Per	Total Values			
	Trees	Basal Area	Gross CF	Net CF	Tree	Trees	Gross CCF	Net CCF	Percent
10	9	5	89	80		855	90	81	6
11	3	2	28	26		292	29	26	2
12	2	1	27	25		151	27	25	2
13	4	4	92	83		430	92	83	6
14	3	3	65	58		306	65	59	4
15	4	5	112	101		432	113	101	8
16	1	2	51	46		131	51	46	4
17	5	7	209	188		464	210	189	14
18	3	5	159	143		299	160	144	11
19	0	1	36	33		49	37	33	3
20	3	6	180	162		271	181	163	12
21	1	3	81	73		102	82	74	6
22	0	1	37	33		31	37	34	3
23	2	6	188	169		204	189	170	13
24	0	1	37	33		23	37	33	3
26	0	2	59	53		42	59	53	4
	41	54	1,451	1,306	32	4,082	1,460	1,314	100

STD Error: 6.0%

Tuesday, February 20, 2018

Page 1 of 1

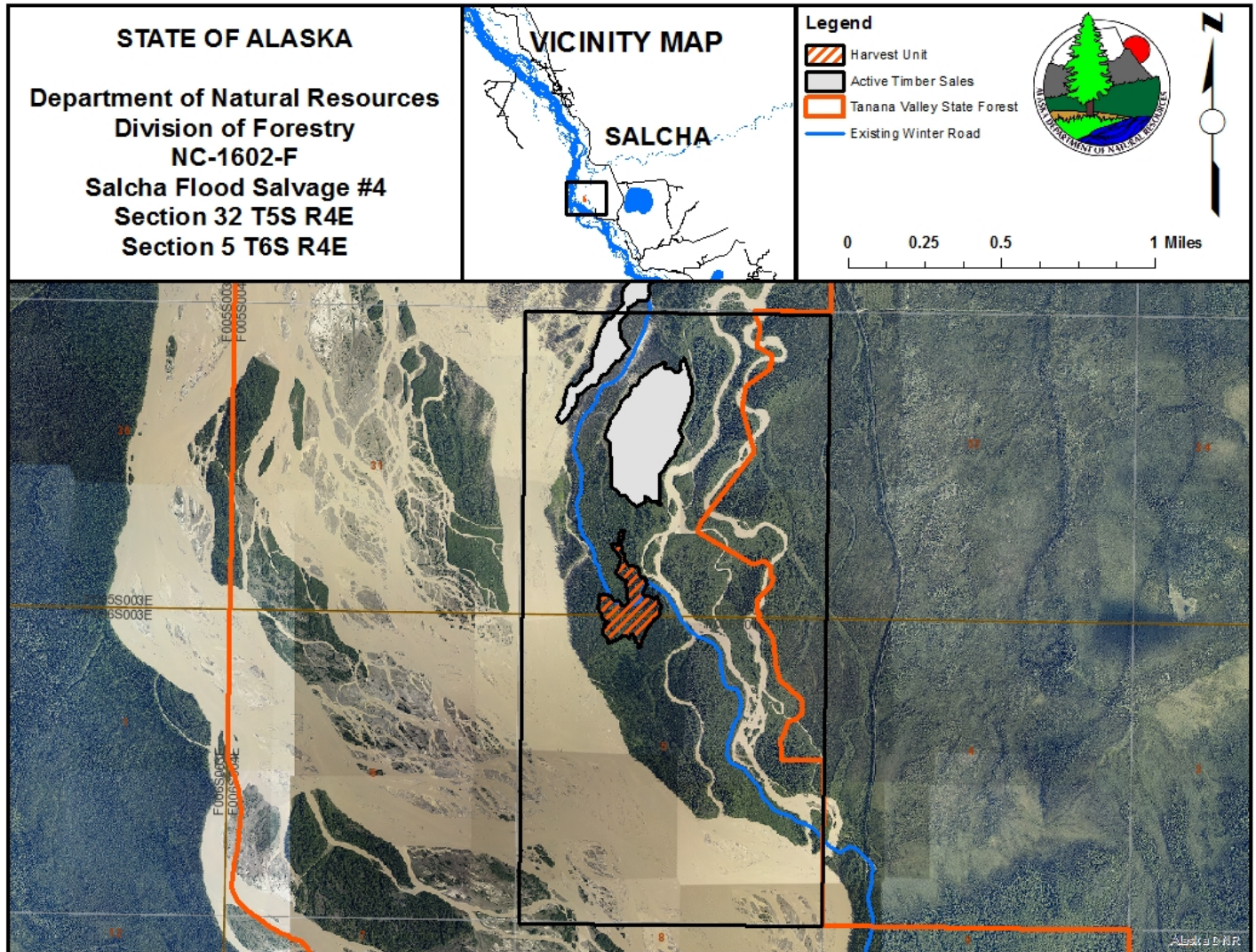






## NC-1602-F Salcha Flood Salvage #4

**NC-1602-F, Salcha Flood Salvage #4:** a 19-acre sale of one unit consisting of mixed green and dead timber, with winter access, is located approximately 37 miles southwest of Fairbanks within the Fairbanks North Star Borough and within the boundaries of the Tanana Valley State Forest. The sale does not require new road construction; however, maintenance of the access roads will be at the PURCHASER'S expense. Maintenance will include snow plowing, grading and some road reconditioning depending on seasonal weather events. The proposed sale area is located within Sections 32 of Township 5 South, Range 4 East, and Section 5 Township 6 South, Range 4 East, Fairbanks Meridian.



SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Spruce Sawlog	347 CCF	\$28.833/CCF	\$10,004.01	May 31, 2021
Spruce Fuelwood	72 CCF	\$20.00/CCF	<u>\$1,440.00</u>	May 31, 2021
<b>TOTAL=</b>			<b>\$11,444.01</b>	

**MBF Short Log Volume = 142.27**

**NC-1602-F** The sale is accessed from Fairbanks by driving southeast on the Richardson Highway to milepost 319. Turn right (west) on the old Valdez Trail. This road traverses a residential area and turns to the north. Travel along this road until it ends at the Tanana River. This is where the existing winter road starts to gain access to the sale. No new road would need to be constructed to access the sale. Bonding for the sale is **\$1,200.00**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge.

# Timber Cruise Summary Stand Table

NC-1602

Acres 19

SPRUCE SAWLOG  
BAF=20  
Percent Defect=10

**Saw Dead** STD Error=41.5%

## White Spruce

DBH	Per Acre Values				Volume Per Tree	Total Values			
	Trees	Basal Area	Gross CF	Net CF	Net CF	Trees	Gross CCF	Net CCF	Percent
9	3	1	30	27		55	6	5	1
10	4	2	48	44		78	9	8	2
11	2	1	27	24		35	5	5	1
13	4	3	79	71		68	15	13	3
14	1	1	30	27		21	6	5	1
15	1	1	32	29		22	6	6	1
16	2	2	68	61		33	13	12	3
18	1	1	35	31		17	7	6	1
19	1	1	35	32		17	7	6	1
20	1	2	41	36		20	8	7	2
	19	17	424	381	20	367	81	72	17

**Saw Live** STD Error=8.4%

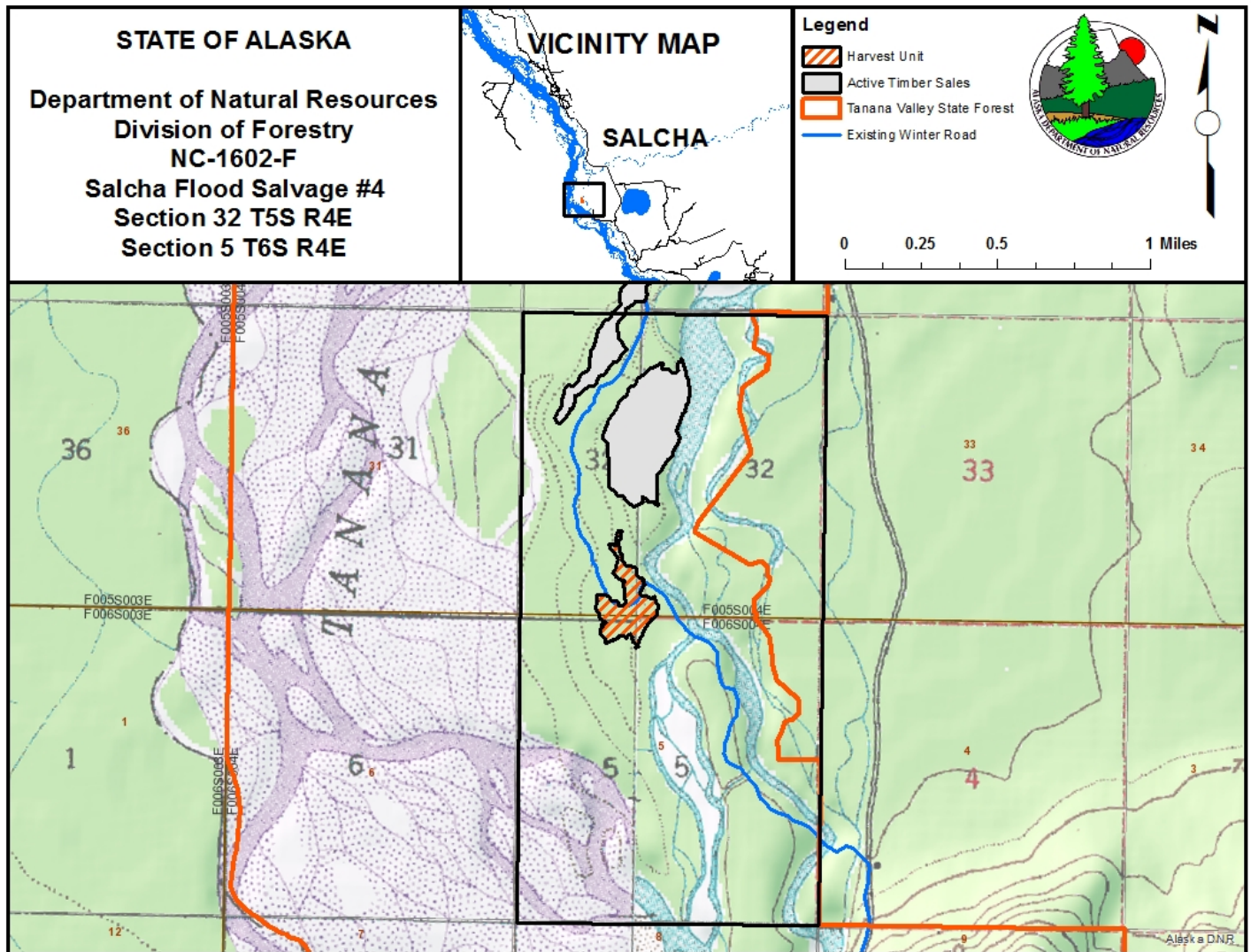
## White Spruce

DBH	Per Acre Values				Volume Per Tree	Total Values			
	Trees	Basal Area	Gross CF	Net CF	Net CF	Trees	Gross CCF	Net CCF	Percent
9	5	2	46	42		95	9	8	2
10	10	5	107	96		185	20	18	4
11	11	7	155	140		213	30	27	6
12	18	14	309	278		334	59	53	13
13	9	8	207	187		175	39	35	8
14	14	15	388	349		262	74	66	16
15	5	6	172	154		99	33	29	7
16	4	5	152	136		73	29	26	6
17	4	6	156	141		72	30	27	6
18	3	5	162	146		58	31	28	7
19	2	4	132	119		42	25	23	5
20	1	2	42	38		20	8	7	2
	86	81	2,029	1,826	21	1,629	385	347	83

Wednesday, February 21, 2018

Page 1 of 1

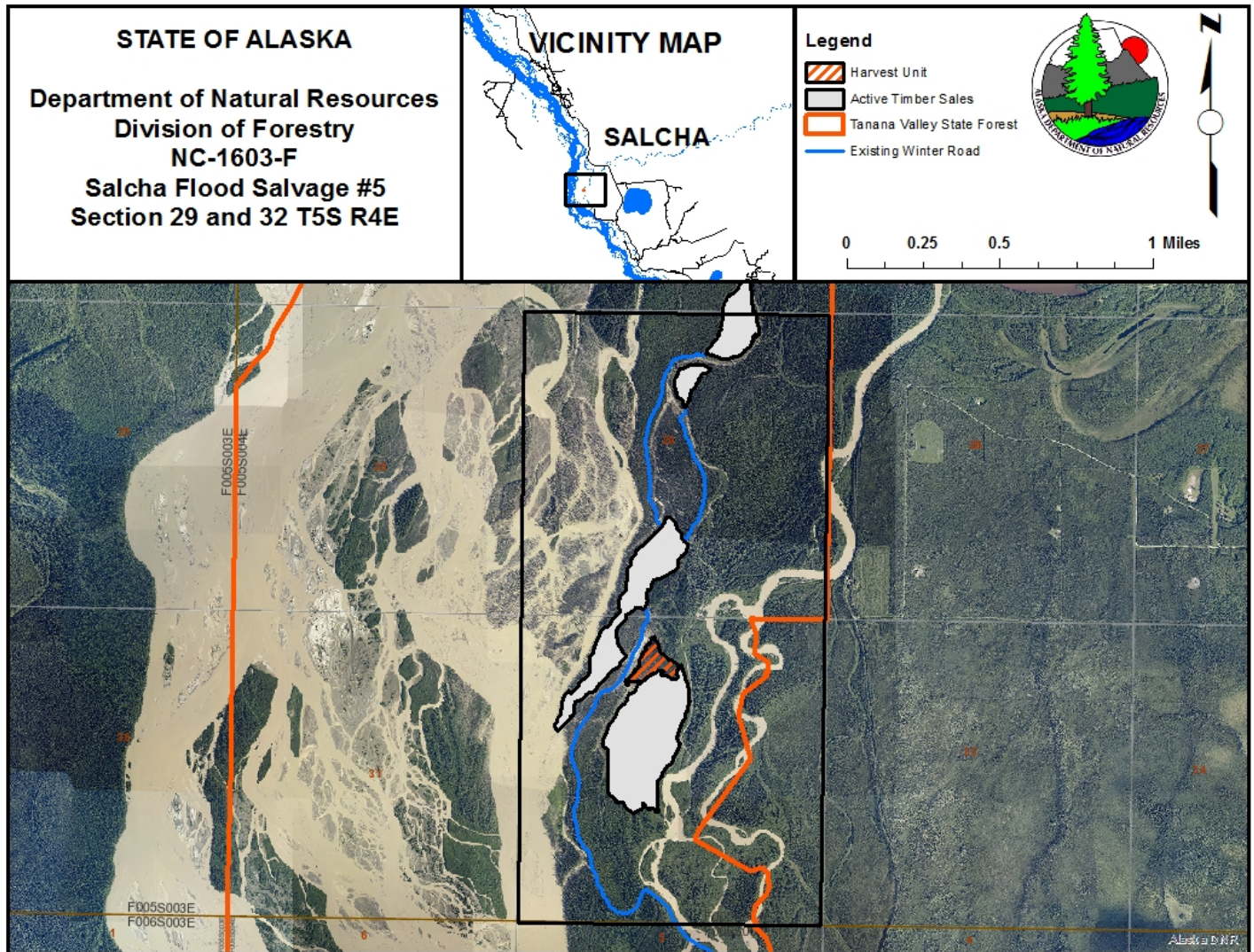






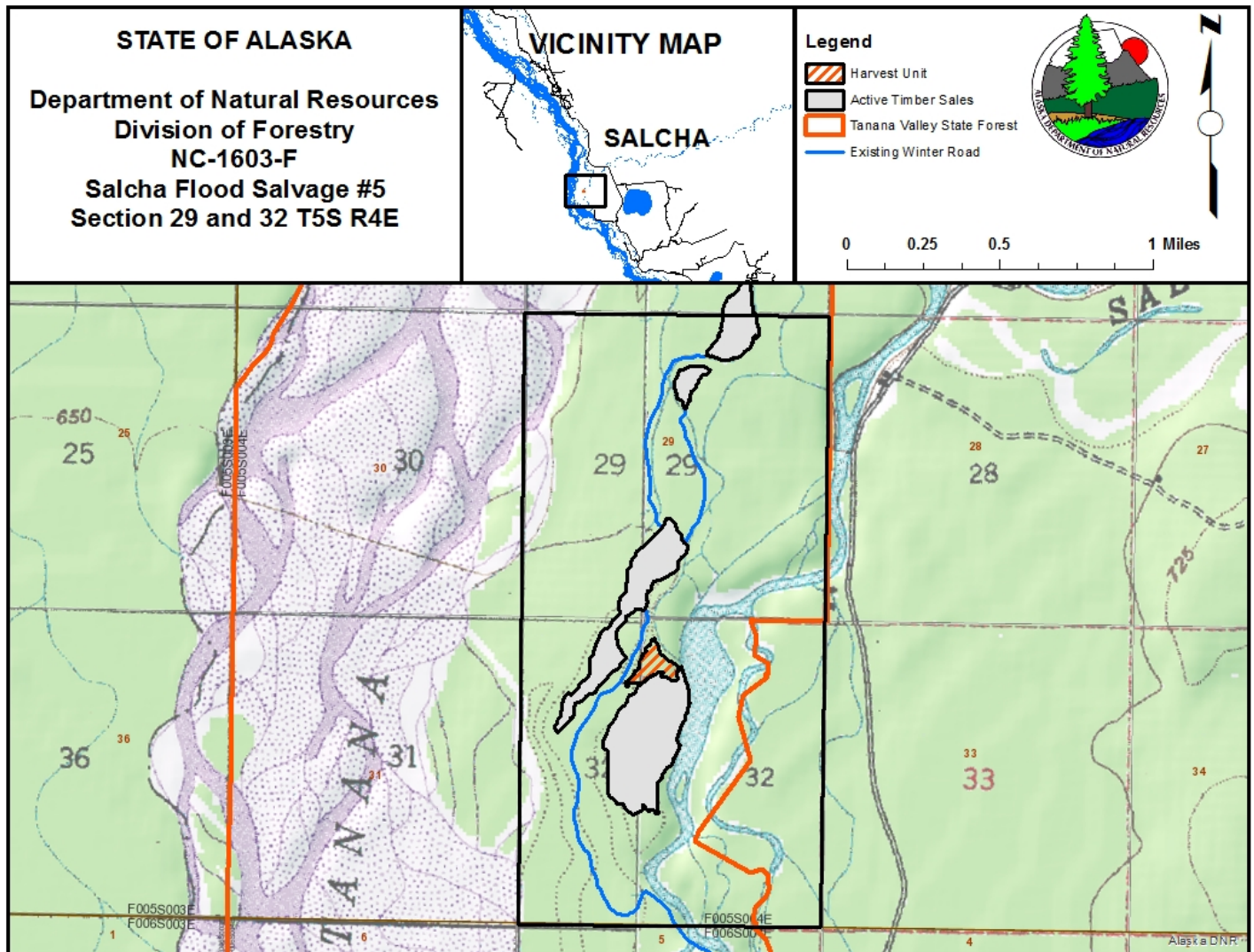
## NC-1603-F Salcha Flood Salvage #5

**NC-1603-F, Salcha Flood Salvage #5:** a 7.25 acre of one unit, consisting of standing dead timber, with winter access is located approximately 37 miles southwest of Fairbanks within the Fairbanks North Star Borough and within the boundaries of the Tanana Valley State Forest. The sale does not require new road construction; however, maintenance of the access roads will be at the PURCHASER'S expense. Maintenance will include snow plowing, grading and some road reconditioning depending on seasonal weather events. The proposed sale area is located within Sections 29 and 32 of Township 5 South, Range 4 East, Fairbanks Meridian.



SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Spruce Fuelwood	109 CCF	\$20.00/CCF	\$2,180.00	May 31, 2021

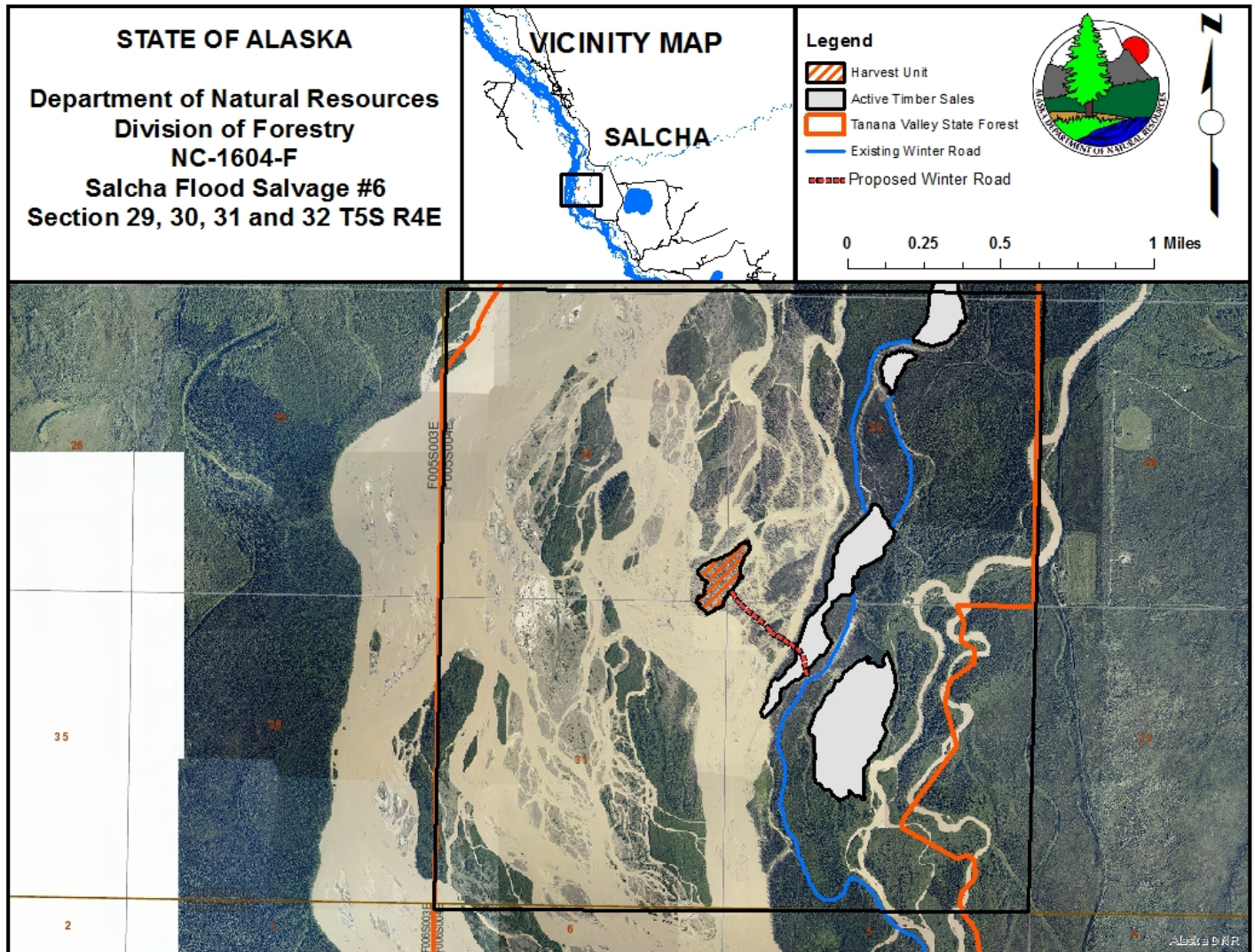
**NC-1603-F** The sale is accessed from Fairbanks by driving southeast on the Richardson Highway to milepost 319. Turn right (west) on the old Valdez Trail. This road traverses a residential area and turns to the north. Travel along this road until it ends at the Tanana River. This is where the existing winter road starts to gain access to the sale. No new road would need to be constructed to access the sale. Bonding for the sale is **\$500.00**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge.





## NC-1604-F Salcha Flood Salvage #6

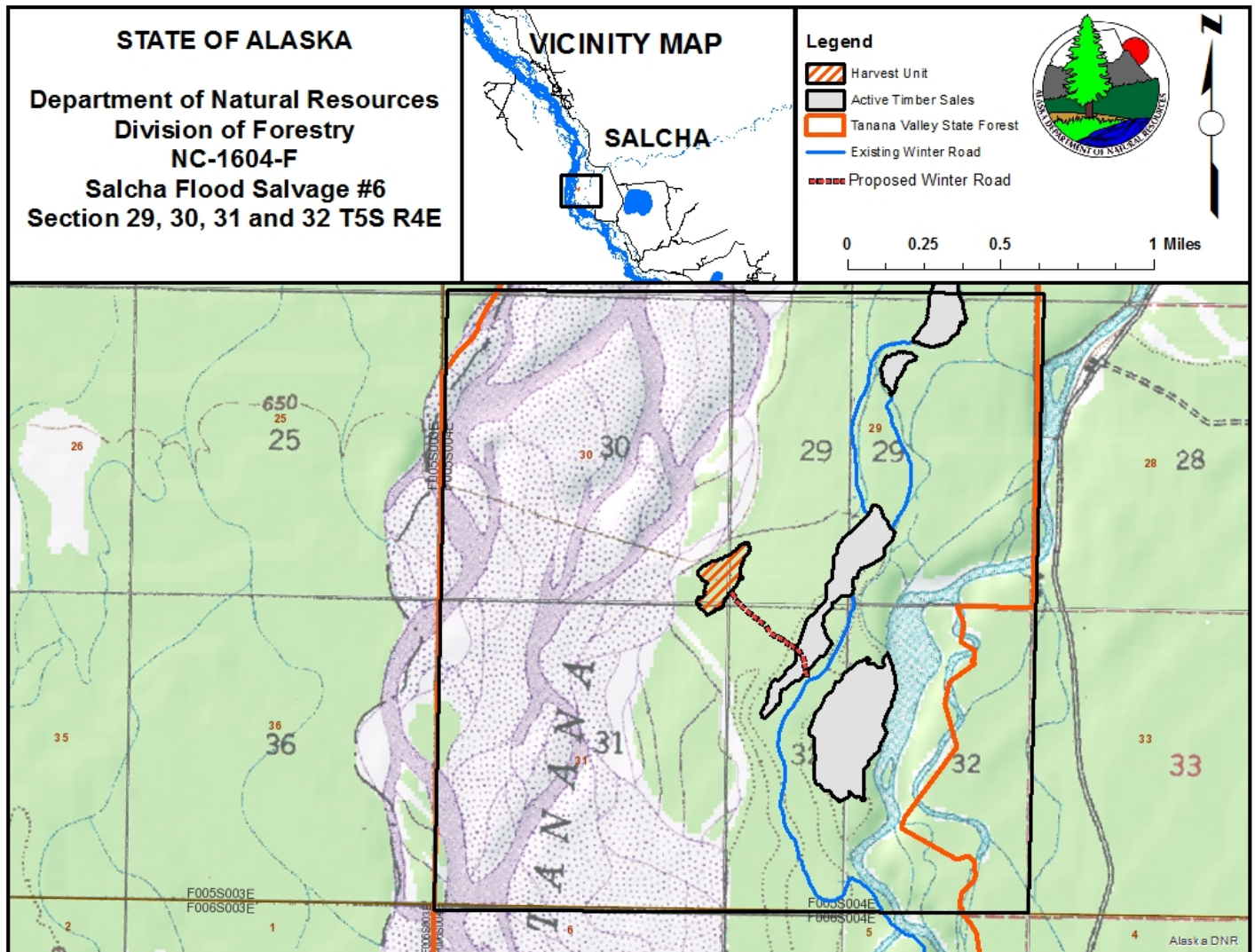
**NC-1604-F, Salcha Flood Salvage #6:** a 12.7-acre sale of one unit, consisting of standing dead timber, with winter access is located approximately 37 miles southwest of Fairbanks within the Fairbanks North Star Borough and within the boundaries of the Tanana Valley State Forest. The sale does require less than a mile of new winter spur road construction including maintenance of the access roads will be at the PURCHASER'S expense. DOF will work with the purchaser to design the road layout taking into consideration the variability in ice conditions. Maintenance along the main access road will include snow plowing, grading and some road reconditioning depending on seasonal weather events. The proposed sale area is located within Sections 29, 30, 31, and 32 of Township 5 South, Range 4 East, Fairbanks Meridian.



SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Mixed Fuelwood	64 CCF	\$20.00/CCF	\$1,270	May 31, 2021

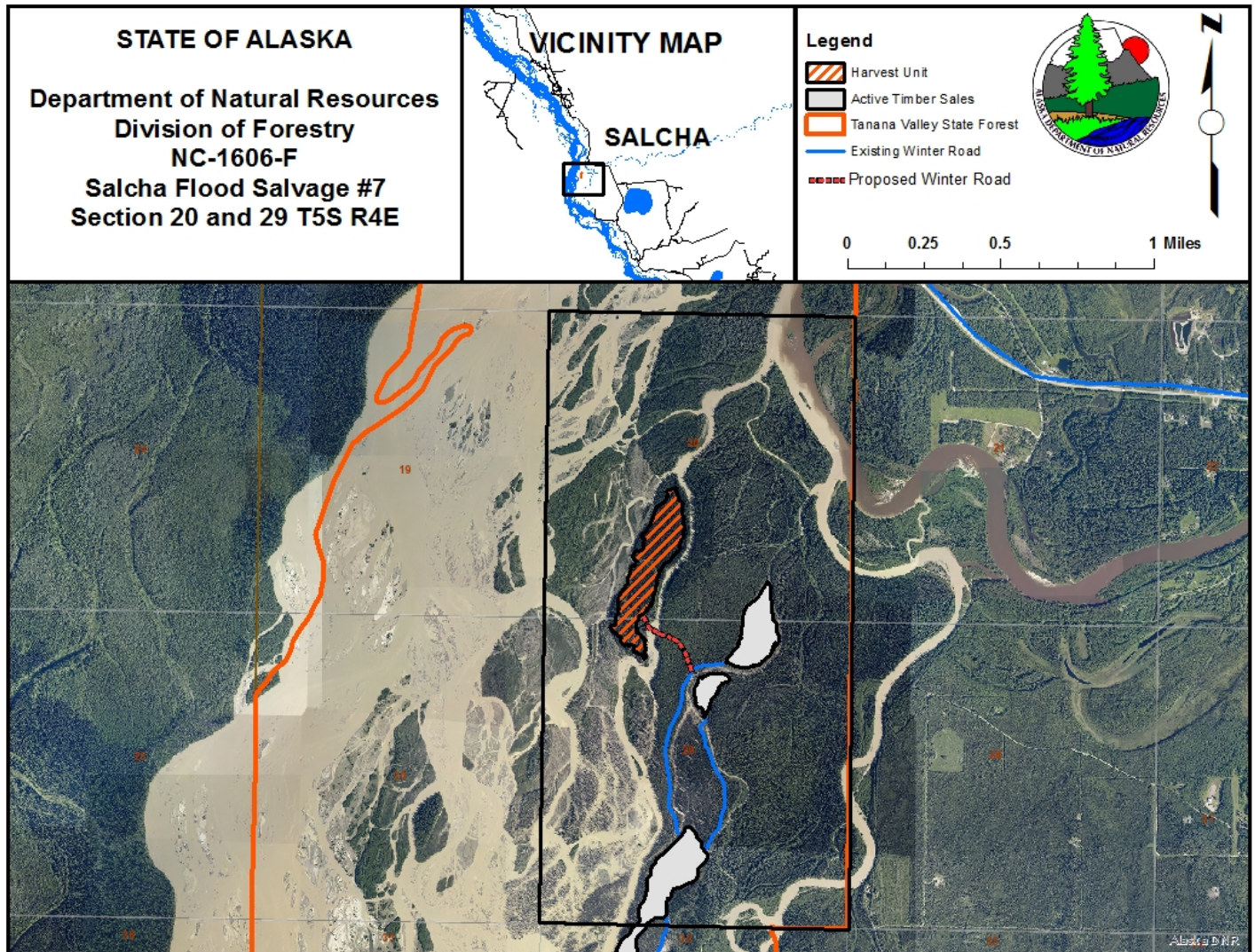
**NC-1604-F:** The sale is accessed from Fairbanks by driving southeast on the Richardson Highway to milepost 319. Turn right (west) on the old Valdez Trail. This road traverses a residential area and turns to the north. Travel along this road until it ends at the Tanana River. This is where the existing winter road starts to gain access to the sale. Continue another approximately 2.25 miles to reach where the new road would need to be constructed at the purchaser's expense to access the sale. Bonding for the sale is **\$250.00**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge.





## NC-1606-F Salcha Flood Salvage #7

**NC-1606-F, Salcha Flood Salvage #7:** a 31.5-acre sale of one unit, consisting of mostly green timber, with winter access is located approximately 36 miles southwest of Fairbanks within the Fairbanks North Star Borough and within the boundaries of the Tanana Valley State Forest. The sale does require less than a mile of new winter spur road construction and maintenance of the access roads will be at the PURCHASER'S expense. DOF will work with the purchaser to design the road layout taking into consideration the variability in ice conditions. Maintenance along the main access road will include snow plowing, grading and some road reconditioning depending on seasonal weather events. The proposed sale area is located within Sections 20 and 29 of Township 5 South, Range 4 East, Fairbanks Meridian



SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Spruce Sawlogs	721 CCF	\$27.44/CCF	\$19,786.43	May 31, 2021
Spruce Fuelwood	299 CCF	\$20.00/CCF	\$5,980.00	May 31, 2021
<b>TOTAL=</b>			<b>\$25,766.24</b>	

**MBF Short log Volume = 295.61**

**NC-1606-F:** The sale is accessed from Fairbanks by driving southeast on the Richardson Highway to milepost 319. Turn right (west) on the old Valdez Trail. This road traverses a residential area and turns to the north. Travel along this road until it ends at the Tanana River. This is where the existing winter road starts to gain access to the sale. Continue another approximately 3 miles to reach where the new road would need to be constructed to access the sale. One ice crossing would need to be constructed in addition to the crossings along the main winter road. Bonding for the sale is **\$2500.00**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge.



## Timber Cruise Summary Stand Table

NC-1606

Acres 31.5

SPRUCE SAWLOG/FUELWOOD  
BAF=20  
Percent Defect =10%

### Pole Live

#### Fuel Spruce

DBH	Per Acre Values				Volume Per Tree	Total Values			
	Trees	Basal Area	Gross CF	Net CF	Net CF	Trees	Gross CCF	Net CCF	Percent
6	24	6	104	94		767	33	30	10
7	63	17	389	350		1,983	123	110	37
8	65	22	561	505		2,033	177	159	53
	152	46	1,054	949	6	4,783	332	299	100

Saw Dead STD Error=45.8%

#### White Spruce

DBH	Per Acre Values				Volume Per Tree	Total Values			
	Trees	Basal Area	Gross CF	Net CF	Net CF	Trees	Gross CCF	Net CCF	Percent
10	4	2	55	50		126	17	16	2
13	1	1	25	22		28	8	7	1
14	1	1	24	22		30	8	7	1
15	1	1	24	21		28	7	7	1
	7	5	128	115	17	212	40	36	5

Saw Live STD Error=8.1%

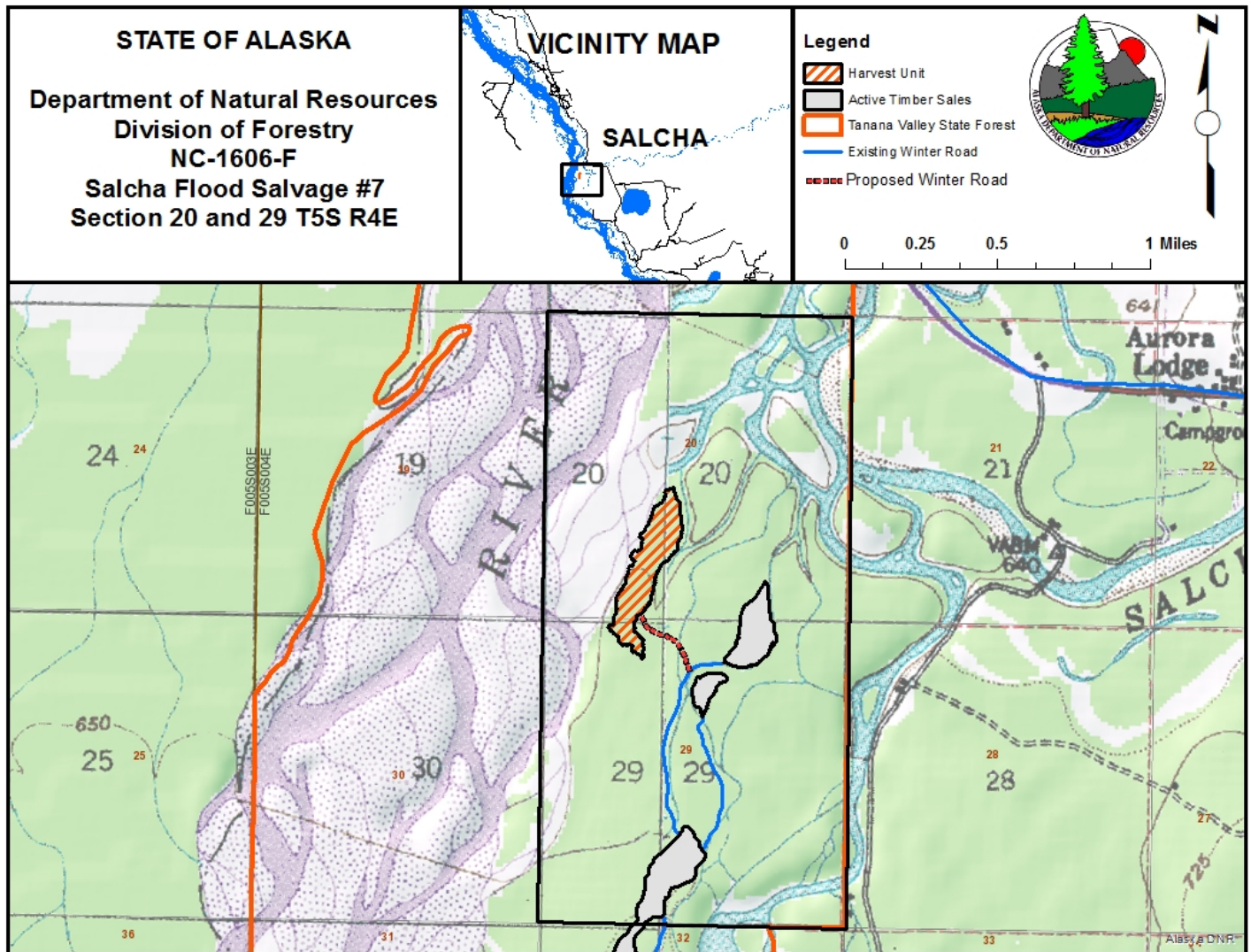
#### White Spruce

DBH	Per Acre Values				Volume Per Tree	Total Values			
	Trees	Basal Area	Gross CF	Net CF	Net CF	Trees	Gross CCF	Net CCF	Percent
9	28	12	261	235		871	82	74	10
10	35	19	467	421		1,114	147	133	18
11	23	15	388	349		720	122	110	15
12	12	9	256	230		379	81	73	10
13	17	16	457	411		537	144	130	18
14	5	5	156	140		149	49	44	6
15	4	4	130	117		112	41	37	5
16	4	5	163	147		125	51	46	6
17	2	3	89	80		71	28	25	3
19	2	2	48	43		72	15	14	2
	132	91	2,416	2,175	17	4,150	761	685	95

Wednesday, February 21, 2018

Page 1 of 1





## GENERAL SALE INFORMATION

### METHOD OF CRUISING:

Sawlog sales were cruised or estimated by Division of Forestry personnel, by either a variable radius plot method with a 10 BAF or a 20 BAF, or using the percent method. Hardwood fuelwood volumes were calculated to a 4-inch top utilizing U.S. Forest Service Research Note NOR-6, published May 6, 1964 by R.A. Gregory and P.M. Haack. White spruce sawlog volumes were calculated to a 6-inch top using volume tables created by Malone, T., et al. (2013). Western Journal of Applied Forestry 28(2): 71-77. Some fuelwood salvage sale volumes were estimated by DOF personnel during reconnaissance and layout of the harvest units.

Cruise summaries are available upon request. The State of Alaska neither expressly nor implicitly warrants its estimate of quantity or quality, or marketability of the timber sold. Prospective bidders should make their own estimates of timber volume and quality. The State of Alaska neither expressly nor implicitly warrants its improvements estimates. Estimates are used only to establish minimum bid. Each PURCHASER is required to estimate his own costs and bid accordingly.

Defect was estimated based on visible indicators, and experienced averages in the area.

### PRIMARY MANUFACTURE:

Primary manufacture of the timber in Alaska is NOT required.

### METHOD OF PAYMENT:

These are "lump-sum" sales. The PURCHASER shall pay the full contract price for the sales, or any payment unit of the sales, before any timber may be cut or removed from the sales. Stumpage payments are non-refundable.

### AUTHORITY:

The cutting and removal of timber shall be carried out under the authority of the Alaska Statutes, Title 38, Public Lands, Chapter 05, Alaska Land Act, Article 4, entitled "Disposal of Timber and Materials," and Title 11, Alaska Administrative Code, Chapter 71, Articles 1-5 inclusive, referred to as the "Timber and Material Sales" Regulations.

### SALE PROCEDURES-BID DEPOSIT REQUIREMENTS:

All timber sales will be sold by oral outcry auction. Bids will only be accepted for one sale at a time, starting with the lowest NC number. The auction will be on March 7<sup>th</sup>, 2018 at the DNR 3700 Airport Way, Fairbanks, Alaska 99709, and will start promptly at 10:00 am.

To qualify for bidding all bidders must submit:

(1) a deposit of cash, certified check, money order, cashiers check or any combination of these in favor of the Department of Natural Resources, equal to ten percent (10%) of the total appraised price. This deposit will constitute an opening bid at the appraised price. The PURCHASER may apply the bid deposit to the timber sale bond. If the high bidder fails to execute the contract within the allotted 30 days, the bid deposit will revert to the State of Alaska. There will be a short break between each timber sale to accept bid deposits for the next upcoming sale. **BID DEPOSITS WILL NOT BE ACCEPTED FOR MORE THAN ONE SALE AT A TIME.**

(2) Each bidder must submit to the selling agent a copy of a current, valid Alaska Business License in the name of the bidder, or-

(3) If bidding as an agent for an individual, a partnership, corporation, or other legally established firm, the agent must present a power-of-attorney or other notarized authorization creating such agency to the selling agent. An agent may represent only one principal during each auction and may not also participate in his own behalf.

(4) The apparent successful bidder may be required to furnish a sworn financial statement showing ability to fulfill the terms of the contract.

(5) All of the successful bidder's deposits will be credited to the total amount due to the State of Alaska for stumpage or bonds.

The deposits furnished by the unsuccessful bidders shall be returned to the unsuccessful bidders. The deposits furnished by the high bidder whose bid was declared acceptable shall be retained as liquidated damages if the high bidder does not execute the contracts and furnish satisfactory bonds within thirty (30) days of receipt of the contract for execution.

If no bid is received at the auction, the sales may, at the discretion of the State of Alaska, be available over the counter.

### RESERVATIONS:

The State of Alaska reserves the right to waive technical defects in this prospectus and reject any and all high bids. The State of Alaska reserves the right to award the timber for the amount of the next high bid to the next high bidder if the director considers the highest bidder unqualified to fulfill the requirements of the contract or if the contract is not executed by the highest bidder. The State of Alaska also reserves the right to waive any informality in the bids received whenever the waiver is in the best interest of the State of Alaska.



**GENERAL:**

Further information, including copies of this prospectus, bid forms, sample contracts, copies of sale appraisal, etc. may be obtained from the Fairbanks Area Office, Division of Forestry, 3700 Airport Way, Fairbanks, Alaska 99709-4613, or contact Kevin Meany at 907-451-2602.