

Animal Damage Control

C.1 – SCOPE OF WORK

The contractor shall furnish all labor, equipment, supervision, transportation, operating supplies and incidentals, except as provided by the government see below; and performs all work necessary to accomplish ADC.

C.2 – DESCRIPTION AND LOCATION

All areas are located in Cass County within the boundaries of the Chippewa National Forest in north central Minnesota. The stands treated for bud capping in 2016. Please see the attached maps for specific stand locations and acres.

C. 3 - Animal Damage Control Bud Capping

Pine buds are a favorite food of deer and hair as a result they need some protection to deter browsing. This can be done through the use of bud caps. A bud cap is simply a piece of paper wrapped and stapled around the terminal leader and bud of the tree. This protects the terminal bud, yet allows the tree to grow up through the paper during the next growing season.

Bud capping should be done in the fall, after a hard frost but before snow covers the ground. Lightweight paper cut into 4" x 6" pieces works well. Fold the paper in half around the leader to form a sleeve that covers the terminal bud. Staple the paper together using at least three staples, and catching some needles to help hold the paper in place. No staples shall puncture or damage the stem or bud of the tree.

Bud caps staples and staplers to be used will be furnished by the Forest Service and delivered to a site designated at the pre-work conference. The contractor is responsible for storing and hauling government bud caps. Pre-cut paper bud caps must be kept dry and protected from damage. Boxes of pre-cut paper bud caps provided by the Government that are damaged or destroyed due to negligence on the part of the contractor will be assessed at \$300.00 per carton (approx. 24,000 paper bud caps per carton). The contractor shall return unused bud caps, and staples, and staplers to the forests representative within one week after job is completed. Failure to do so will result in a \$300.00 charge per carton of papers \$30.00 per stapler and \$100.00 per carton of staples. All crop trees that are under 4.5 feet tall and within the unit boundary will be bud capped. Crop tree species is determined by the COR with site specific instructions but typically it is all white pine, Jack pine and red pine. In some stands tamarack and balsam fir will be bud capped. Typical crop tree spacing is 6X8 or 800 trees per acre. Areas with in a stand that far exceed 800 trees per acre the contractor can bud cap the dominant crop trees on a 6x6 spacing and disregard all other crop trees in that area.

Work on bud capping items can begin on October 1st 2016 and must be completed by November 10th 2016.

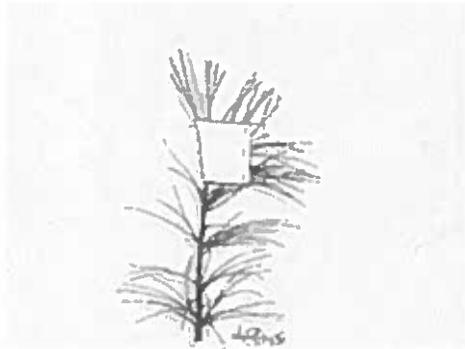
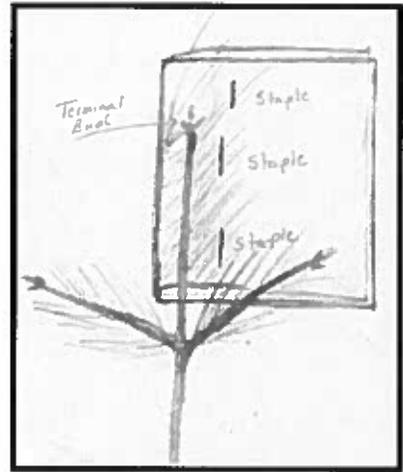
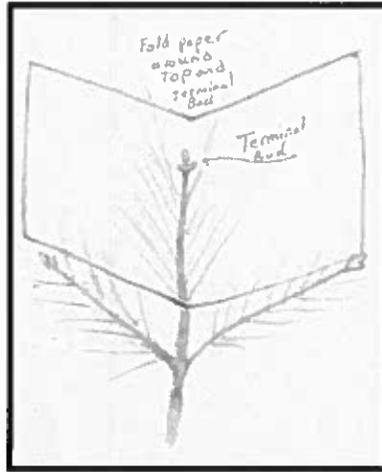
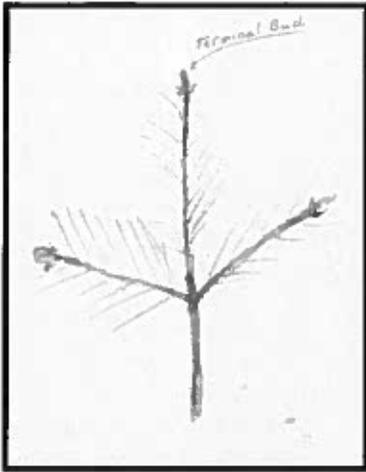
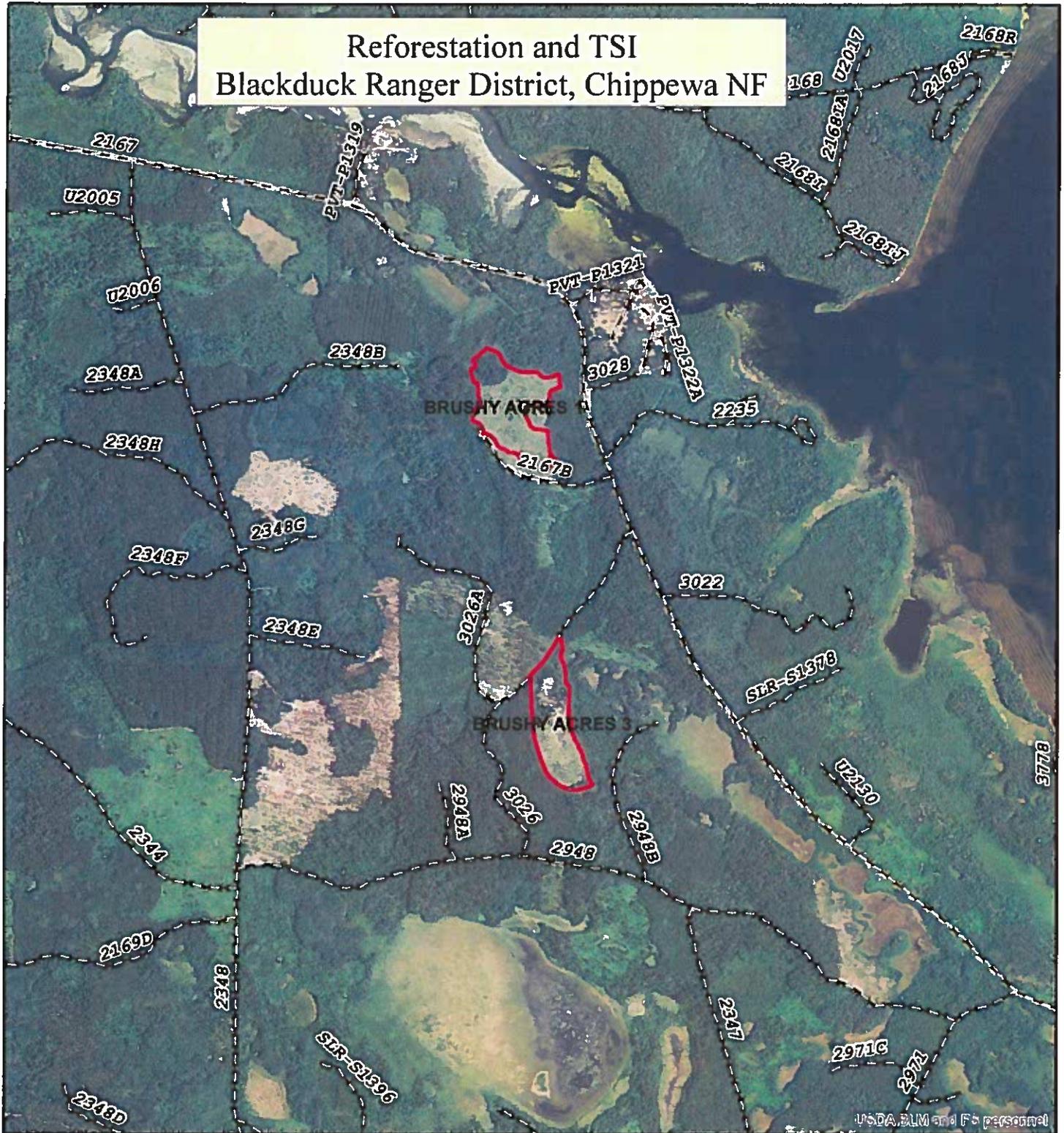


Image 2: Correct bud cap placement

North 2016		
	Number	Acres
Jack Smith	10	70
Jack Smith	11	21
Jack Smith	12	62
Jack Smith	13	22
Brushy Acres	01	33
Brushy Acres	03	18
Camp	06	28
Smurler	02	18
Smurler	03	14
Smurler	09	11
	Total	297
South 2016		
Middle	02	4
Schley	02	11
Schley	03	7
Schley	04	6
Schley	05	7
Schley	06	4
Schley	14	19
Lake	08	3
Lake	10	37
McDonald	05	19
McDonald	20	12
	Total	129

Reforestation and TSI Blackduck Ranger District, Chippewa NF



USDA, BLM and FS personnel

Legend

- 2016_Broken_Blade_ADC_BD
- Trails
- Roads

Unit Information:

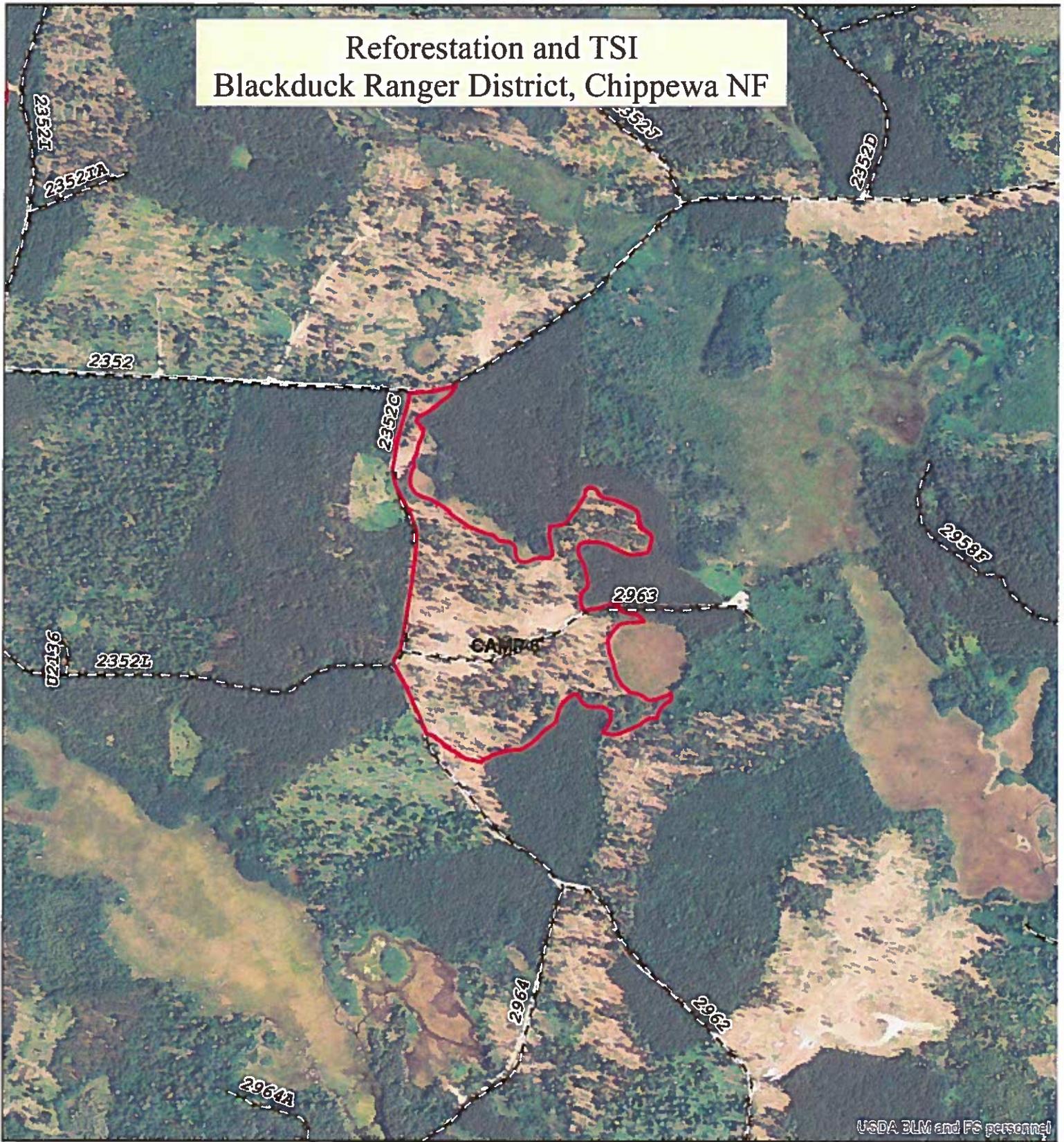
Animal Damage Control - Broken Blade 2016

Brushy Acres



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Blackduck Ranger District Reforestation
15N UTM NAD83

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 Blackduck Ranger District, Chippewa NF



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Unit Information:

Animal Damage Control - Broken Blade 2016

Camp



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 15N UTM NAD83

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Legend

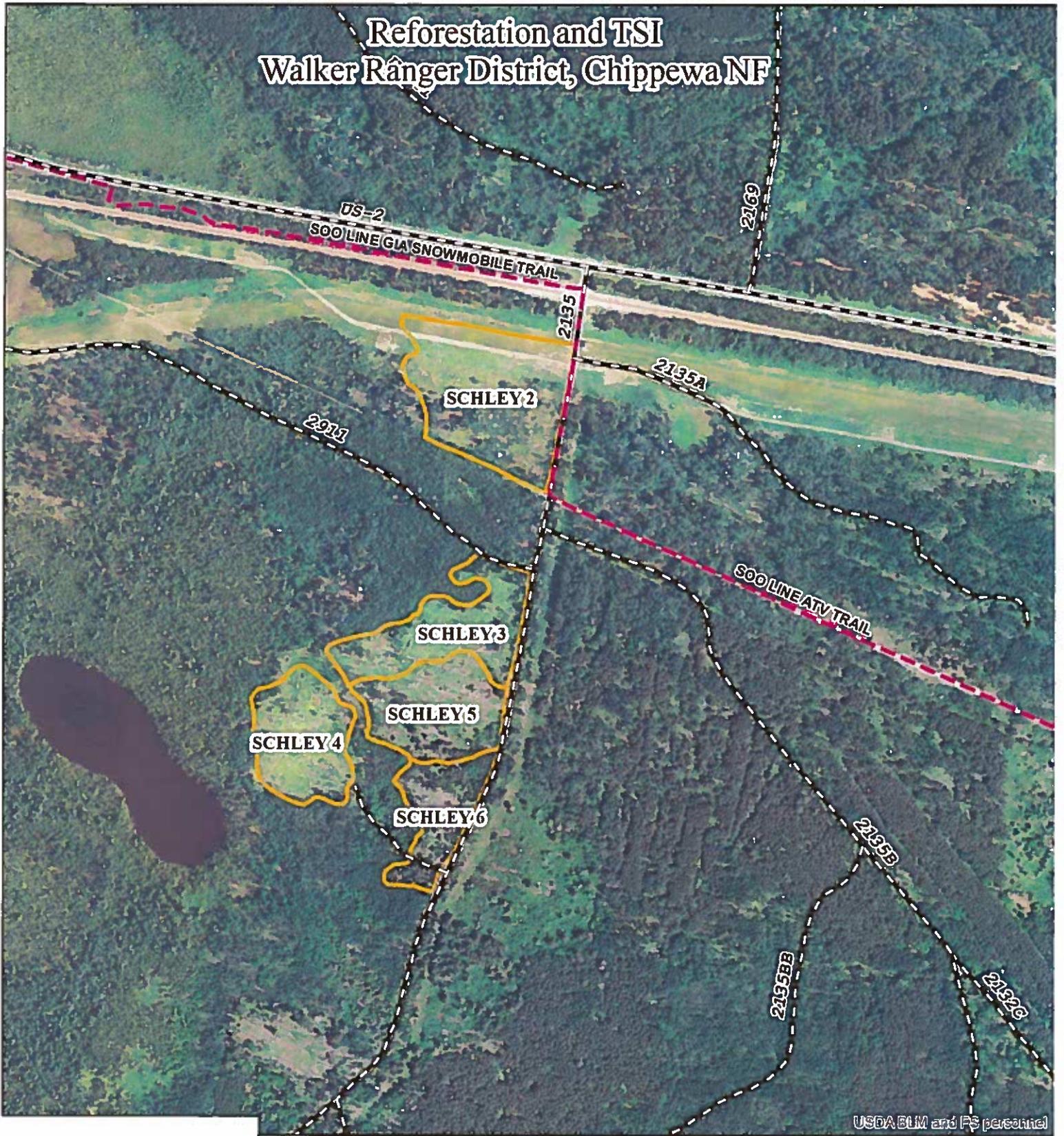
-  Trails
-  Roads
-  ADC Unit Boundary

Unit Information:



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Reforestation and TSI Walker Ranger District, Chippewa NF



USDA BLM and FS personnel

Legend

-  Trails
-  Roads
-  ADC Unit boundary

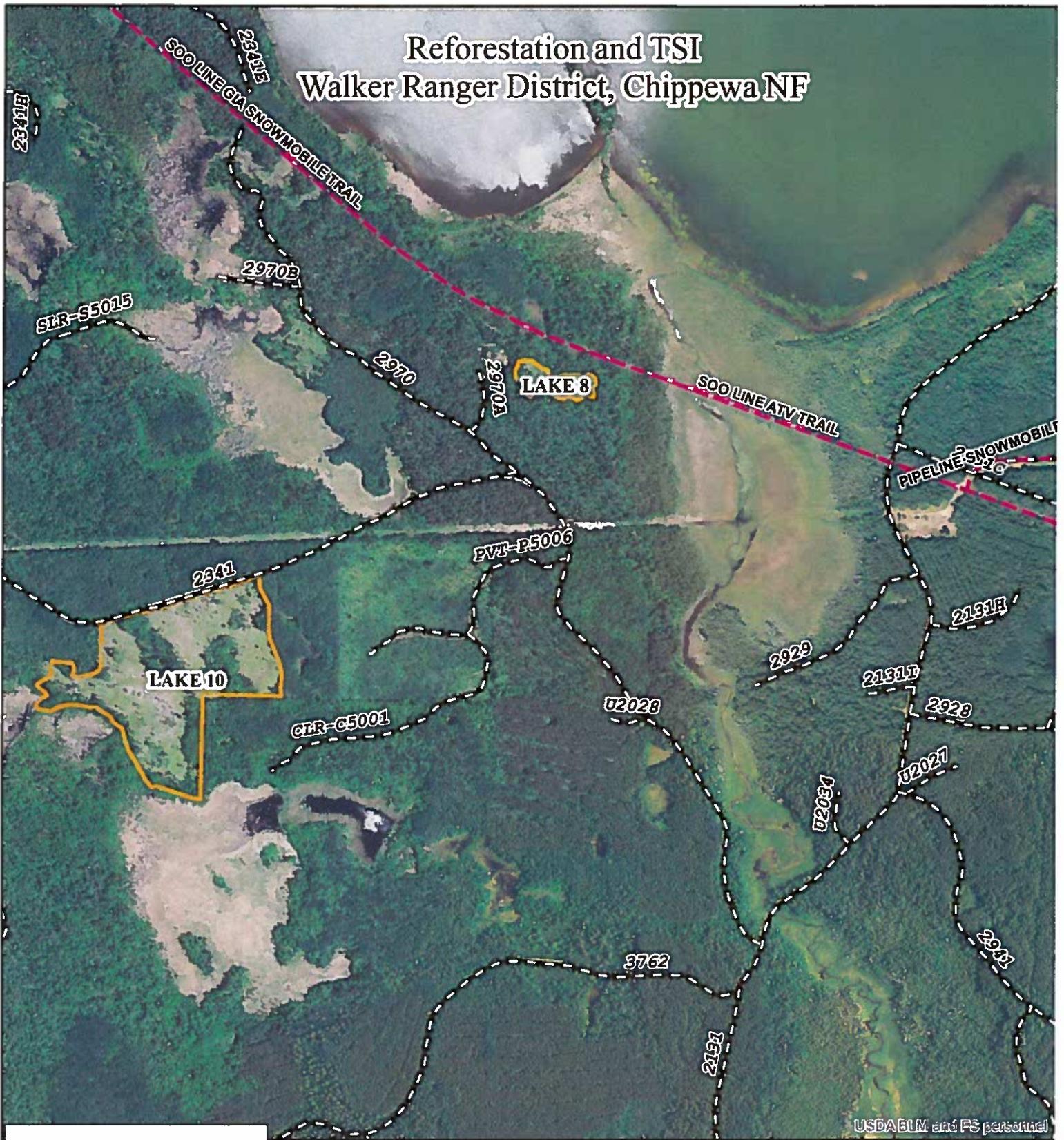
Unit Information:

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Legend

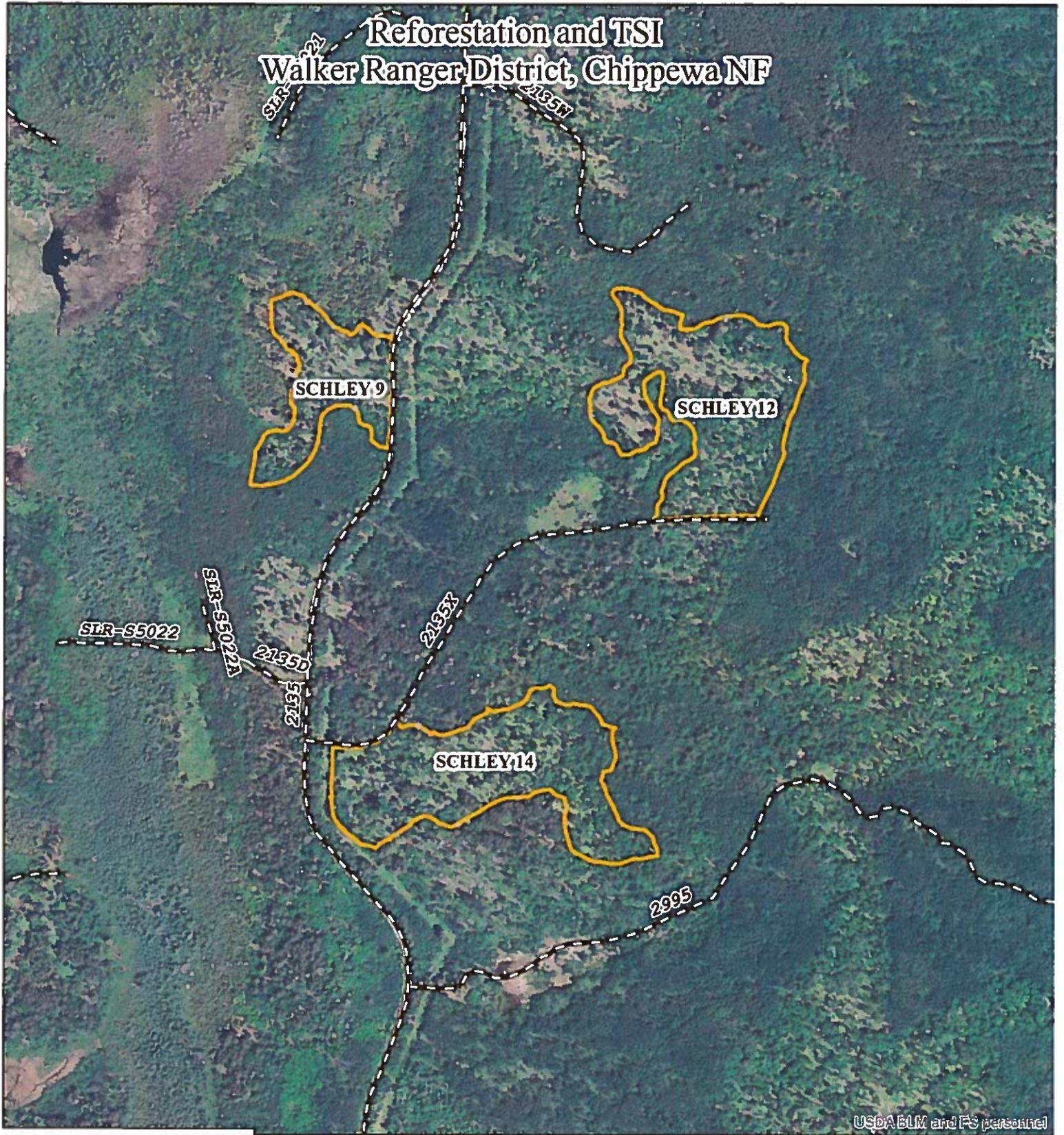
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Unit Information:



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