Automated Forest Assessment

Property 3

March 2020

Ecotrust

# Contents

These maps were compiled and created by Ecotrust with financial support from NRCS. We believe that knowledge of forest stocking, structure, and composition is critical to guide informed forest management and conservation. However, collecting or communicating this type of data using traditional field-based methods remains a bottleneck for many landowners.

Our objective with this project was to make high-quality information more accessible to enable landowners to more easily identify viable pathways to good stewardship, profitable land management, and improved environmental quality.

This map packet provides key forest type attributes from the Oregon Forest Management Planning Template, and contains maps with publicly available data as well as maps displaying forest characteristics derived using an automated approach incorporating high-resolution imagery and lidar data.
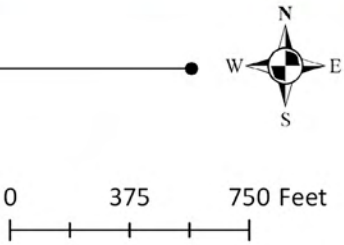
This forest characterization is still a work in progress but we hope they are useful to you as you interact with your land.
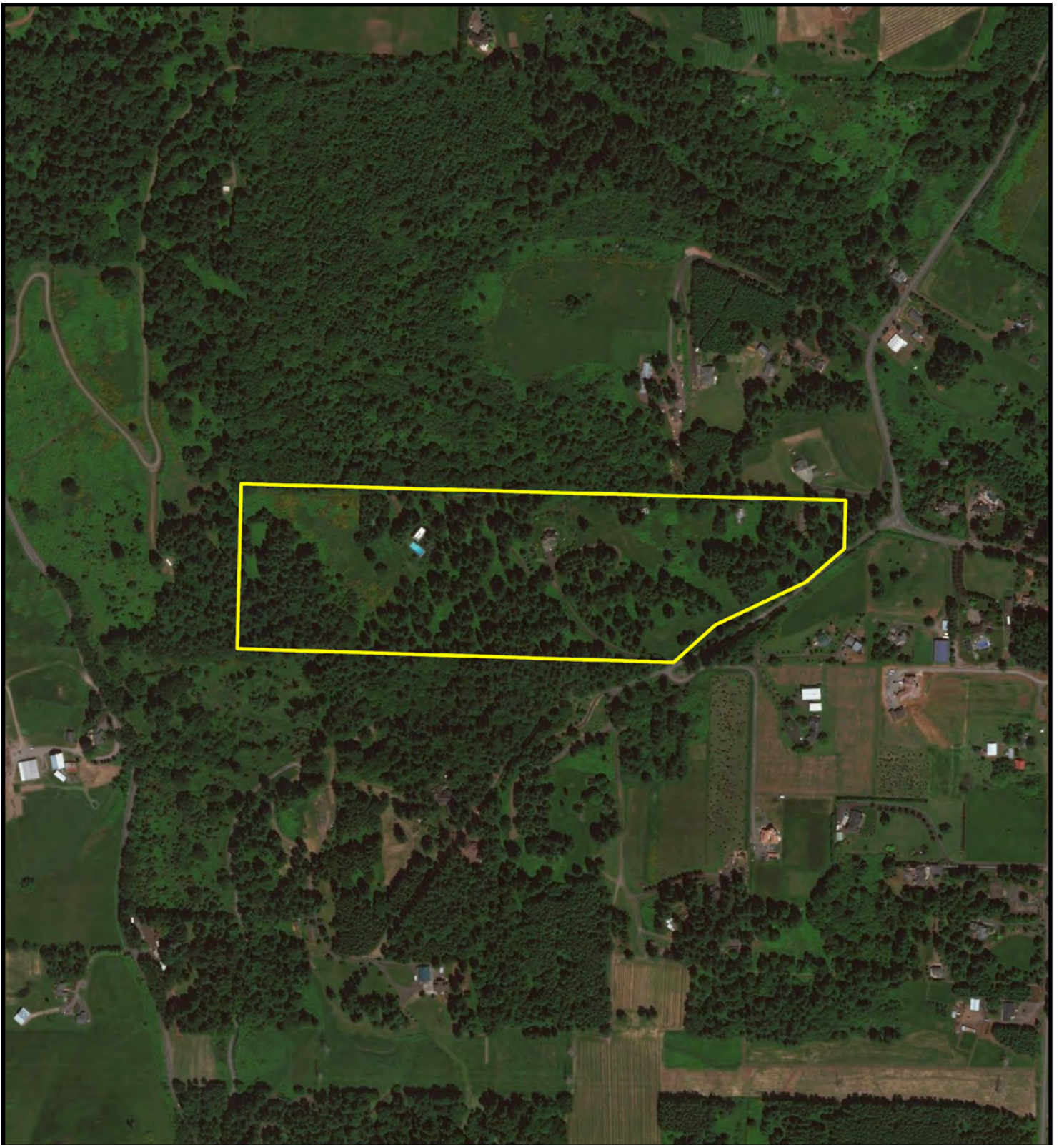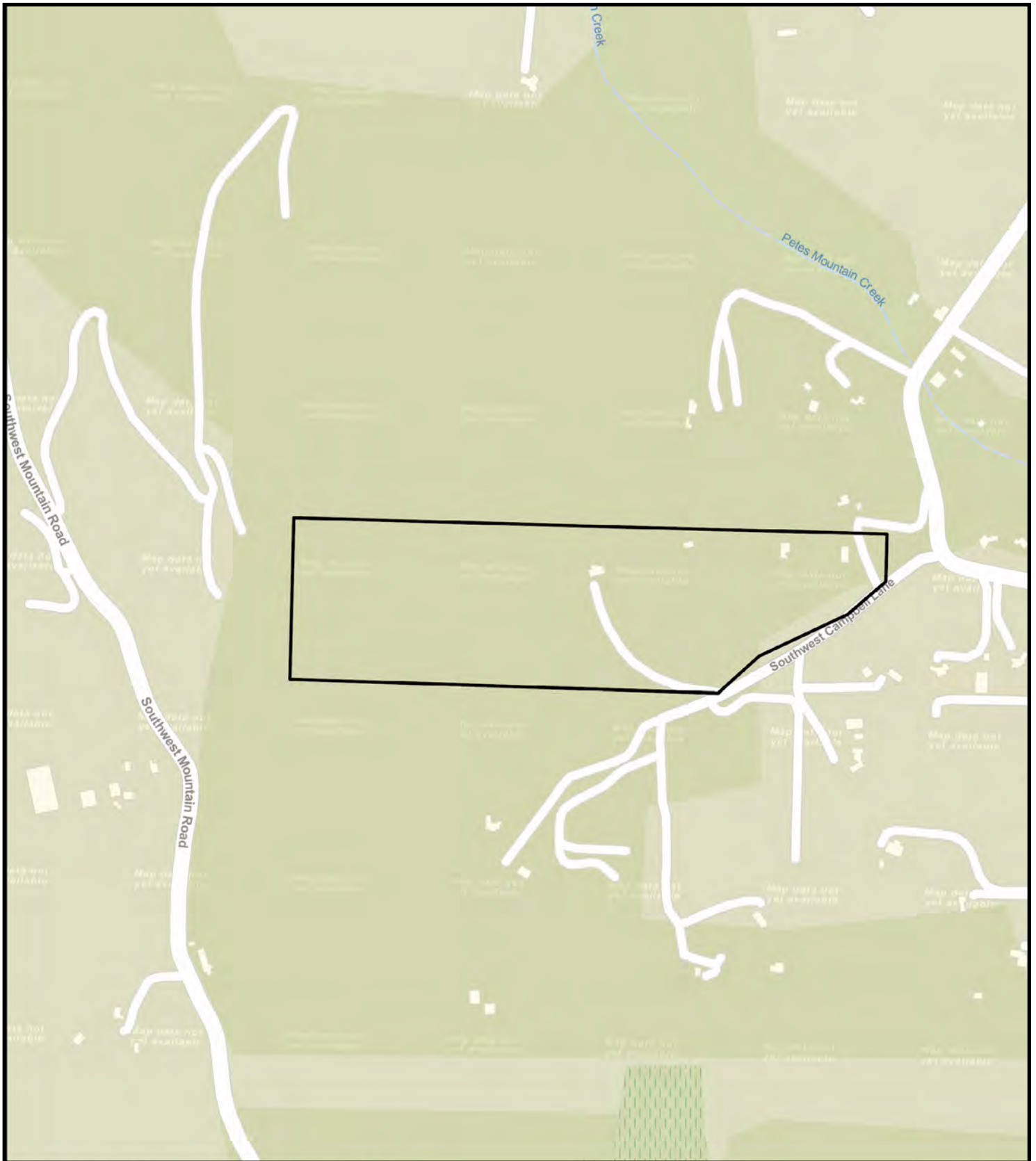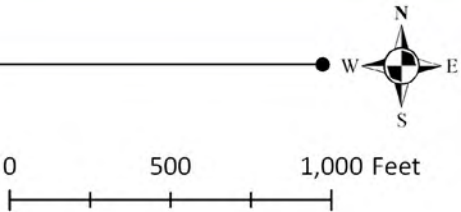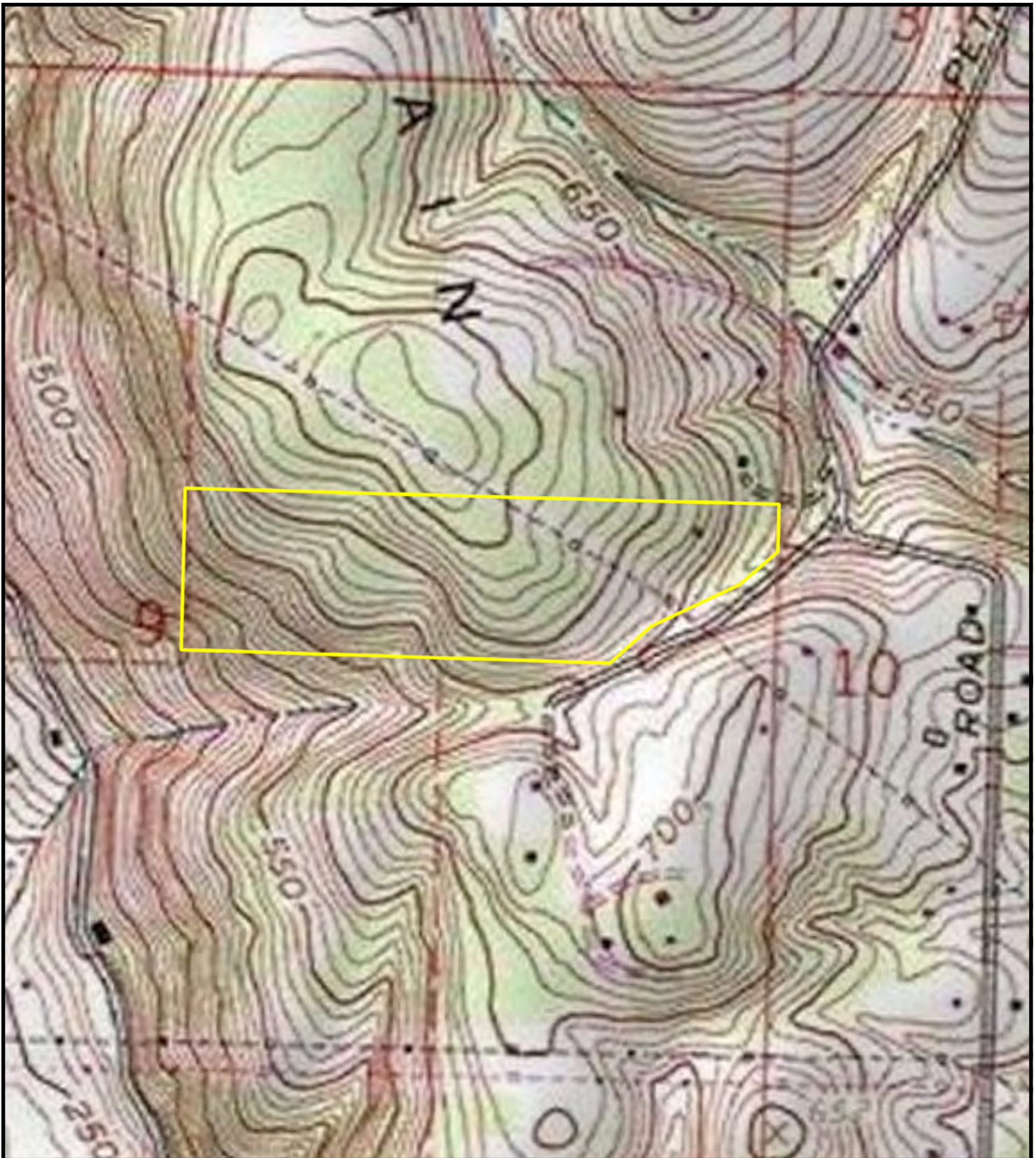
Aerial Photo

☐ Landowner Taxlot

March 2020

N
W · E
S

0   375   750 Feet

3

Directions to Property

☐ Landowner Taxlot

N
W   E
S

| 0 | 500 | 1,000 Feet |

Terrain Map

Landowner Taxlot
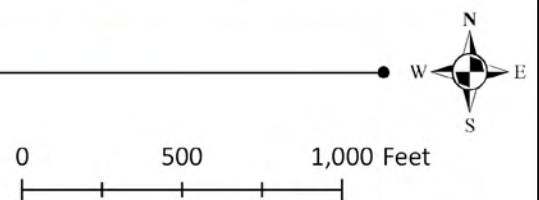
March 2020
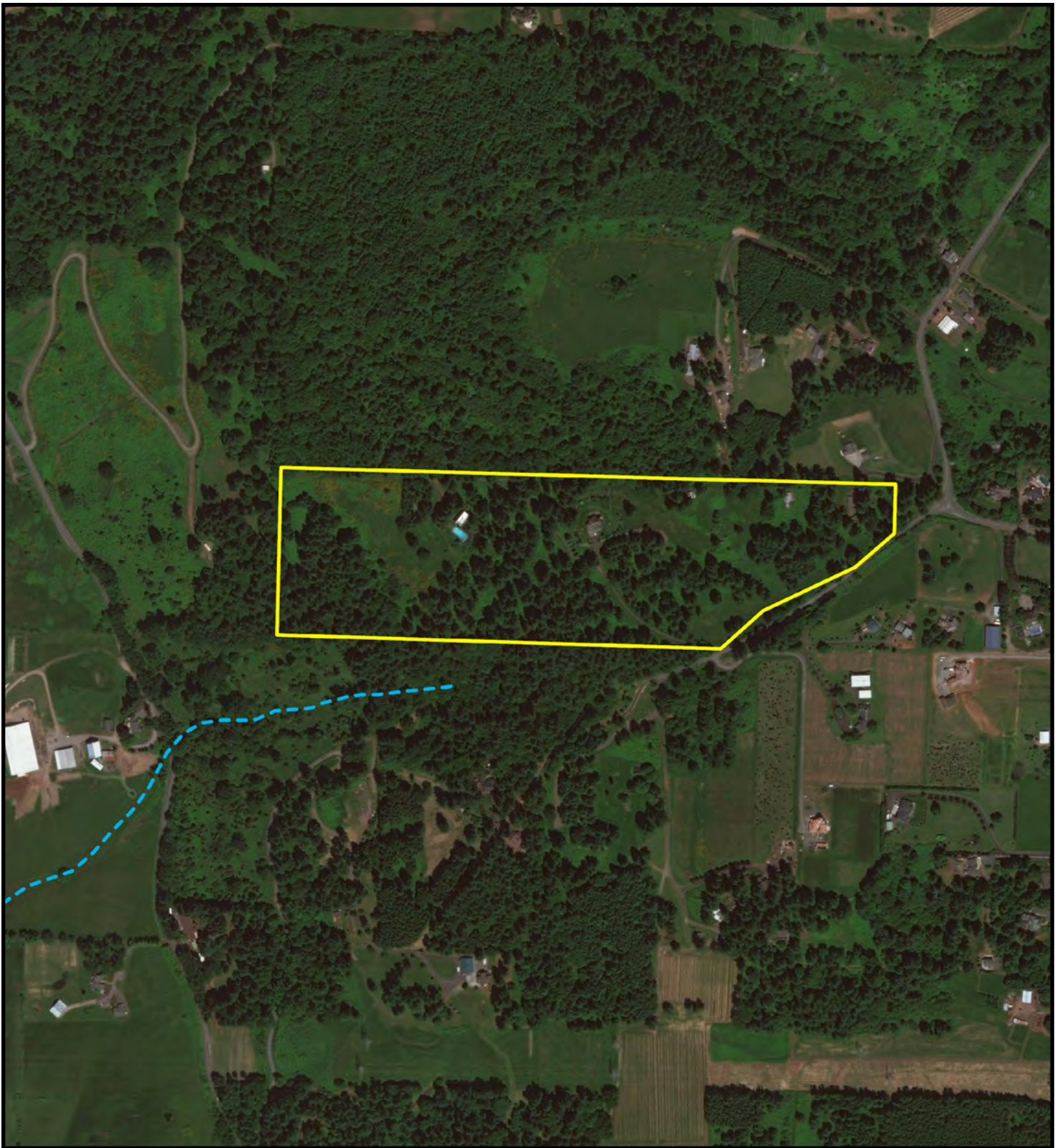
0   500   1,000 Feet

Hydrology

Landowner Taxlot

Fish-Bearing Stream

Non Fish-Bearing Stream

N W E S

0   500   1,000 Feet
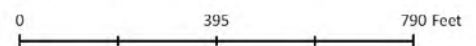
Source: Oregon Department of Forestry
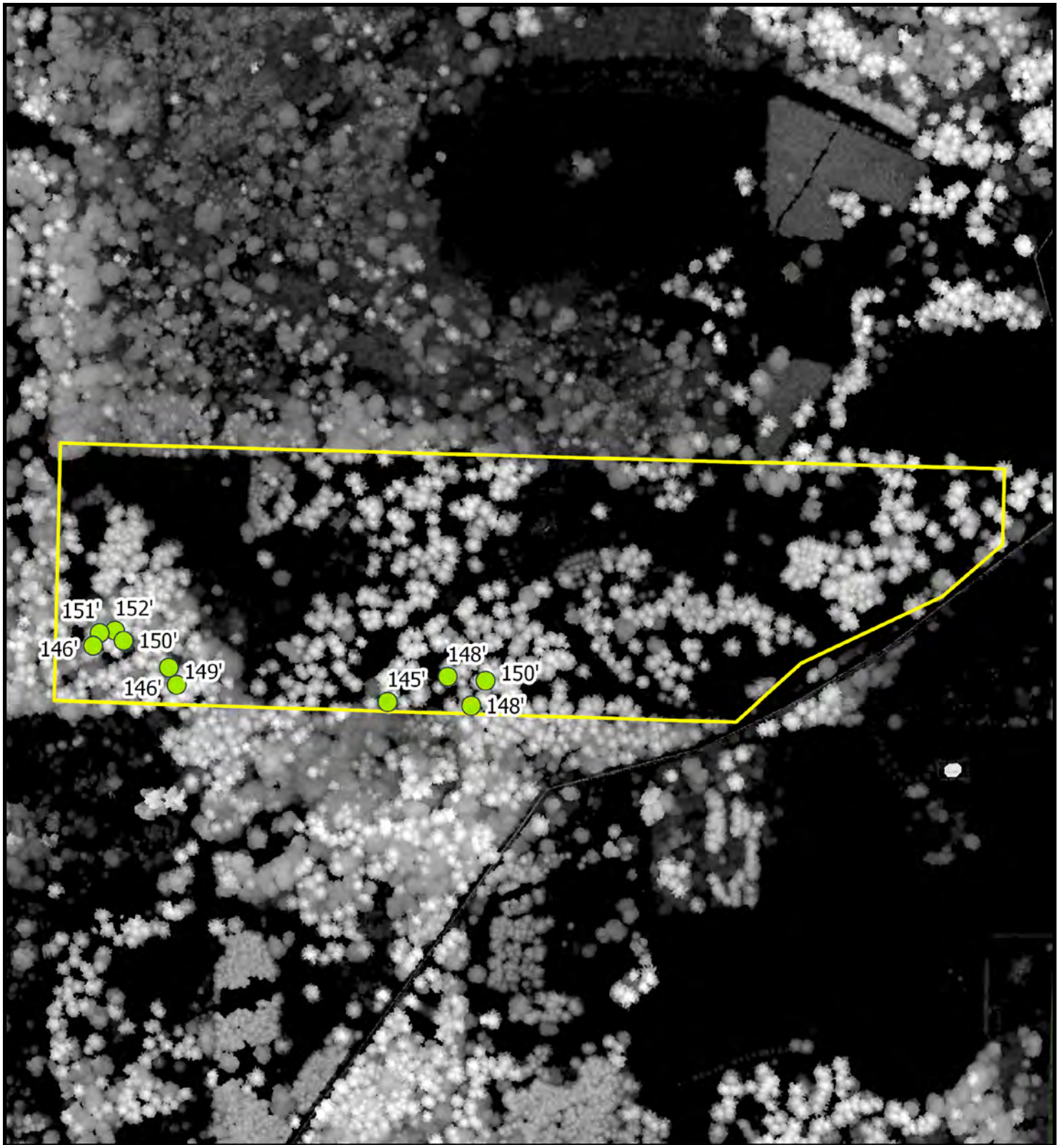
Canopy Height Model

Landowner Taxlot

10 Tallest Trees

Canopy Height (ft)

0   191

0   395   790 Feet
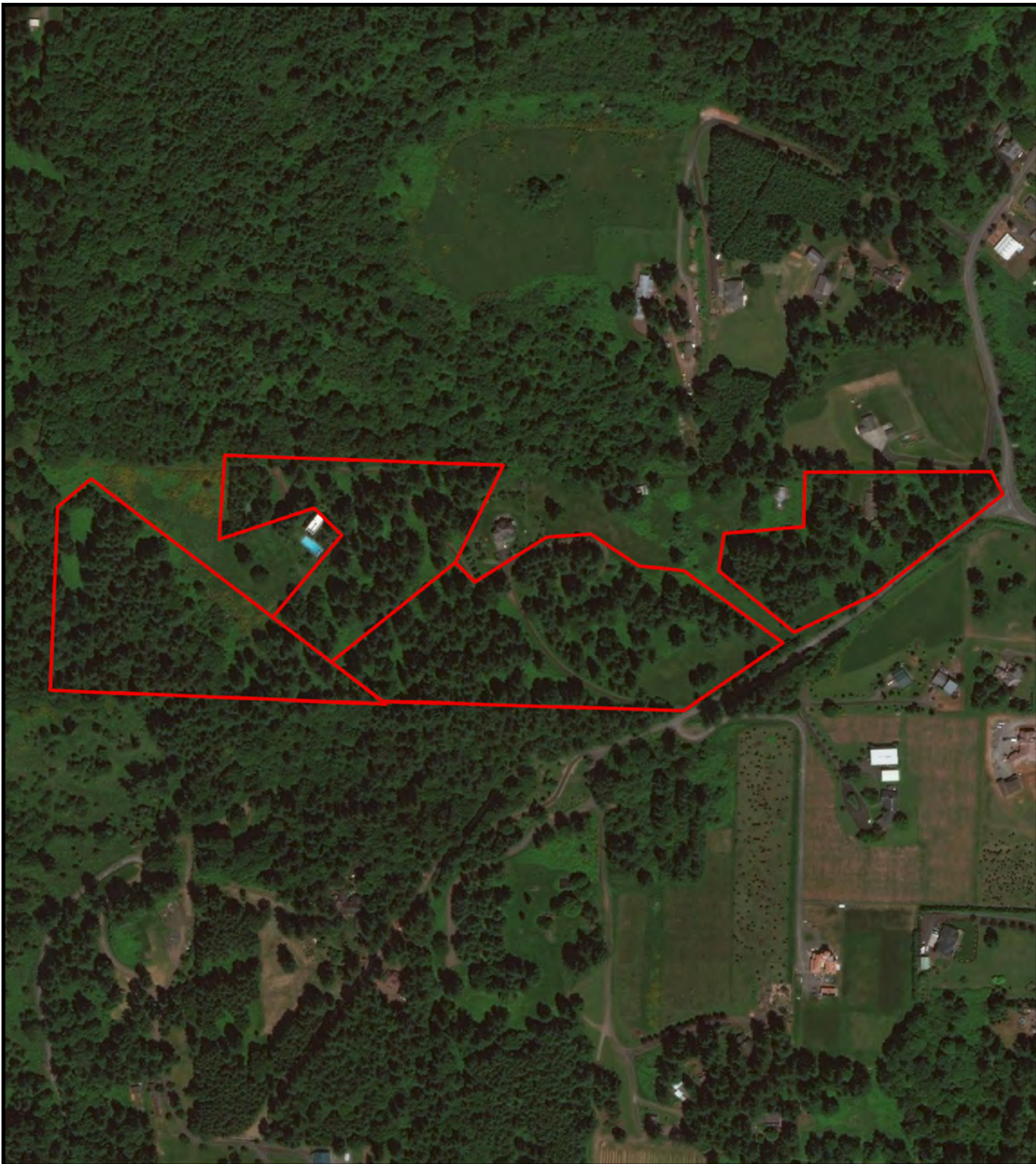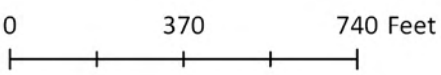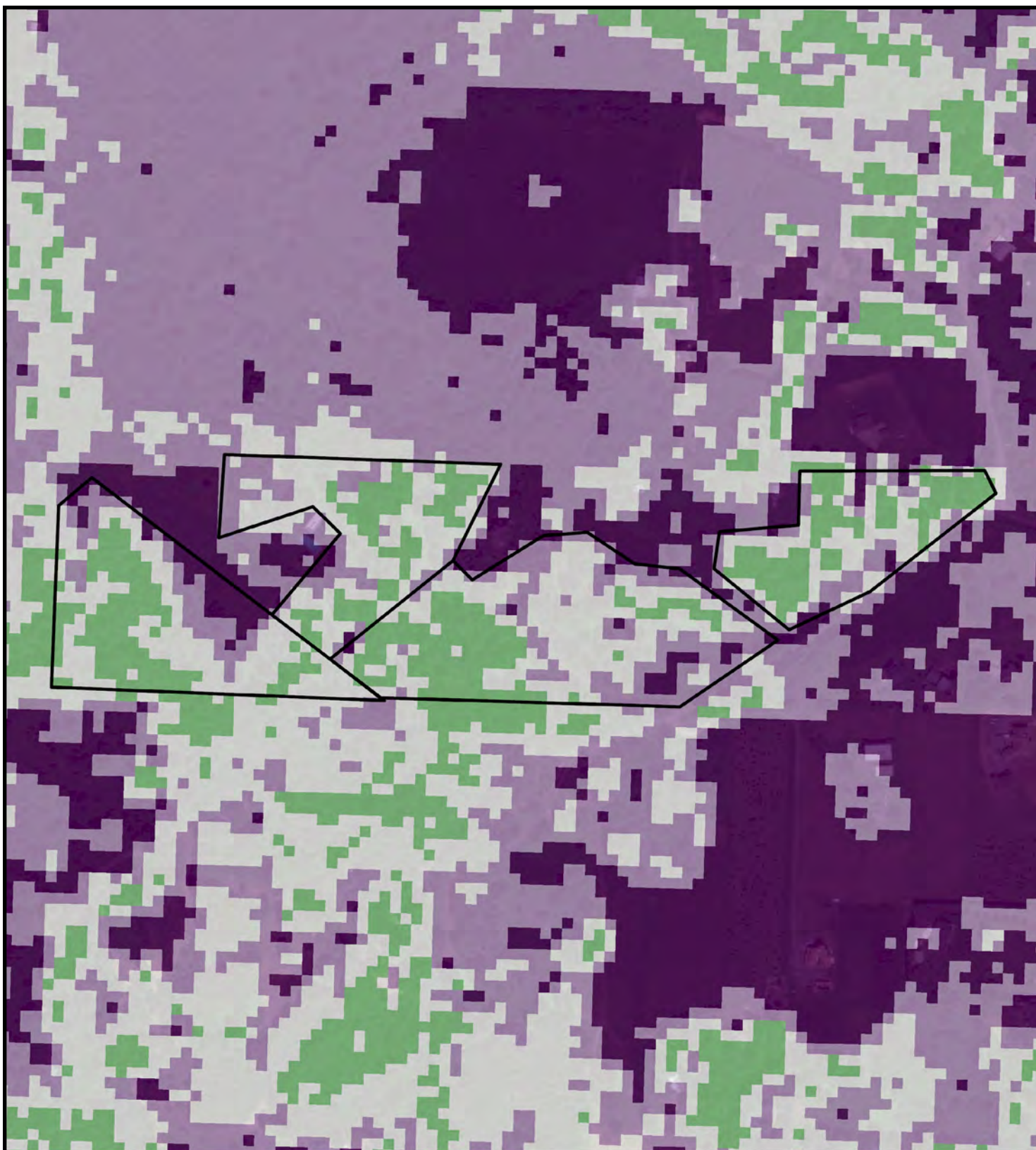
March 2020

Management Units

Management Units

March 2018

0   370   740 Feet

Predicted QMD

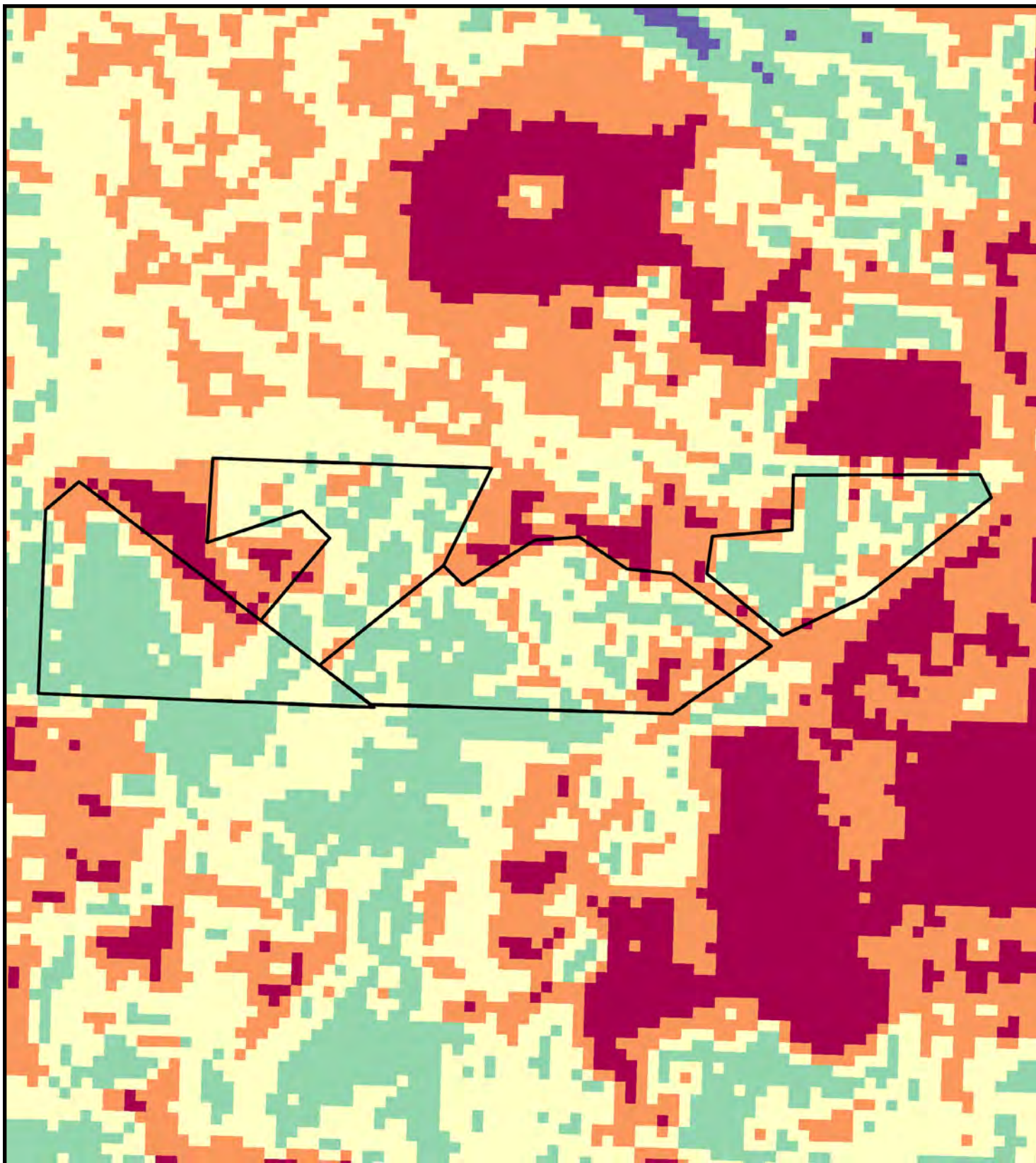Legend:
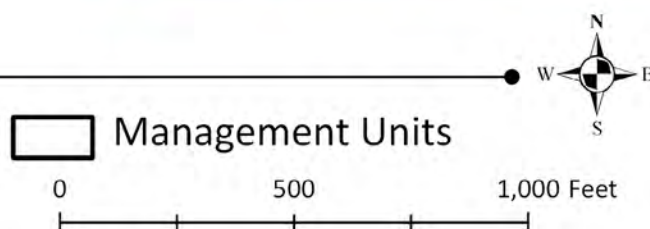- ≤ 5"
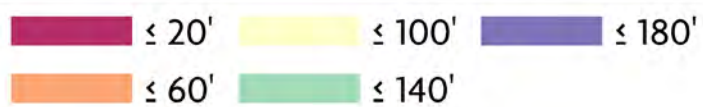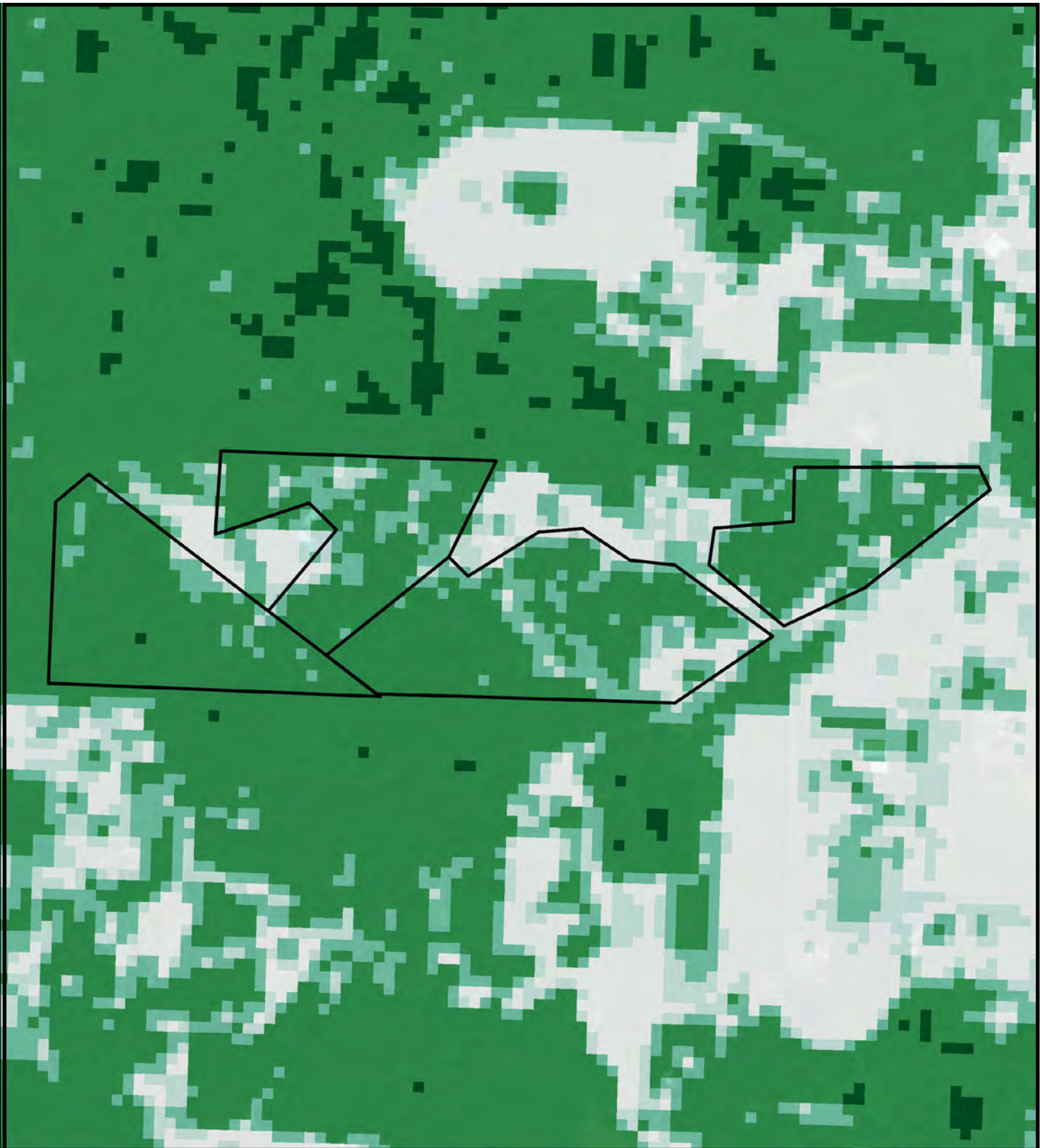- ≤ 10"
- ≤ 15"
- ≤ 20"
- ≤ 25"
- Management Units
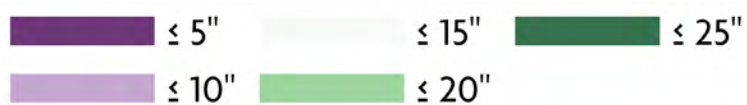
0   500   1,000 Feet

March 2018

## Predicted Total Height
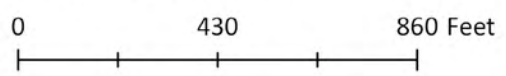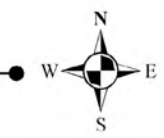
- ≤ 20'
- ≤ 60'
- ≤ 100'
- ≤ 140'
- ≤ 180'

Management Units

0   500   1,000 Feet

March 2018

Predicted Canopy Cover

≤ 20% ≤ 60% ≤ 100% ☐ Management Units

≤ 40% ≤ 80%

March 2018

0   430   860 Feet
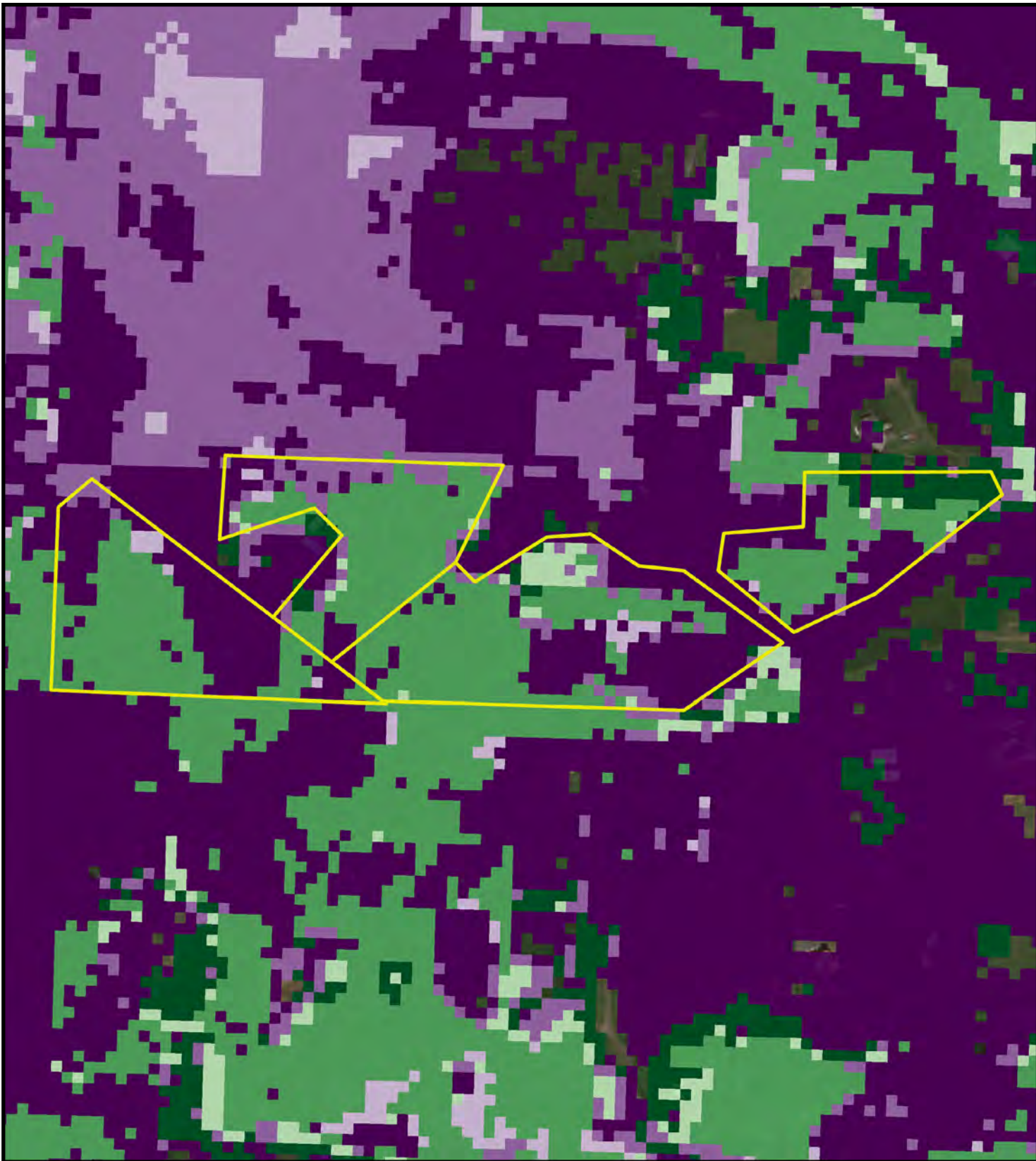
Predicted Forest Type

Legend:
- Hardwood Dominant, No Conifer
- Hardwood Dominant, Minor Conifer
- Hardwood > Conifer, both Abundant
- Mixed (Hardwood = Conifer)
- Conifer > Hardwood, both Abundant
- Conifer Dominant, Mindor Hardwod
- Conifer Dominant, No Hardwood
- Management Units

0   430   860 Feet