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# Automated Forest Assessment

## Property 1

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March 2020

Ecotrust

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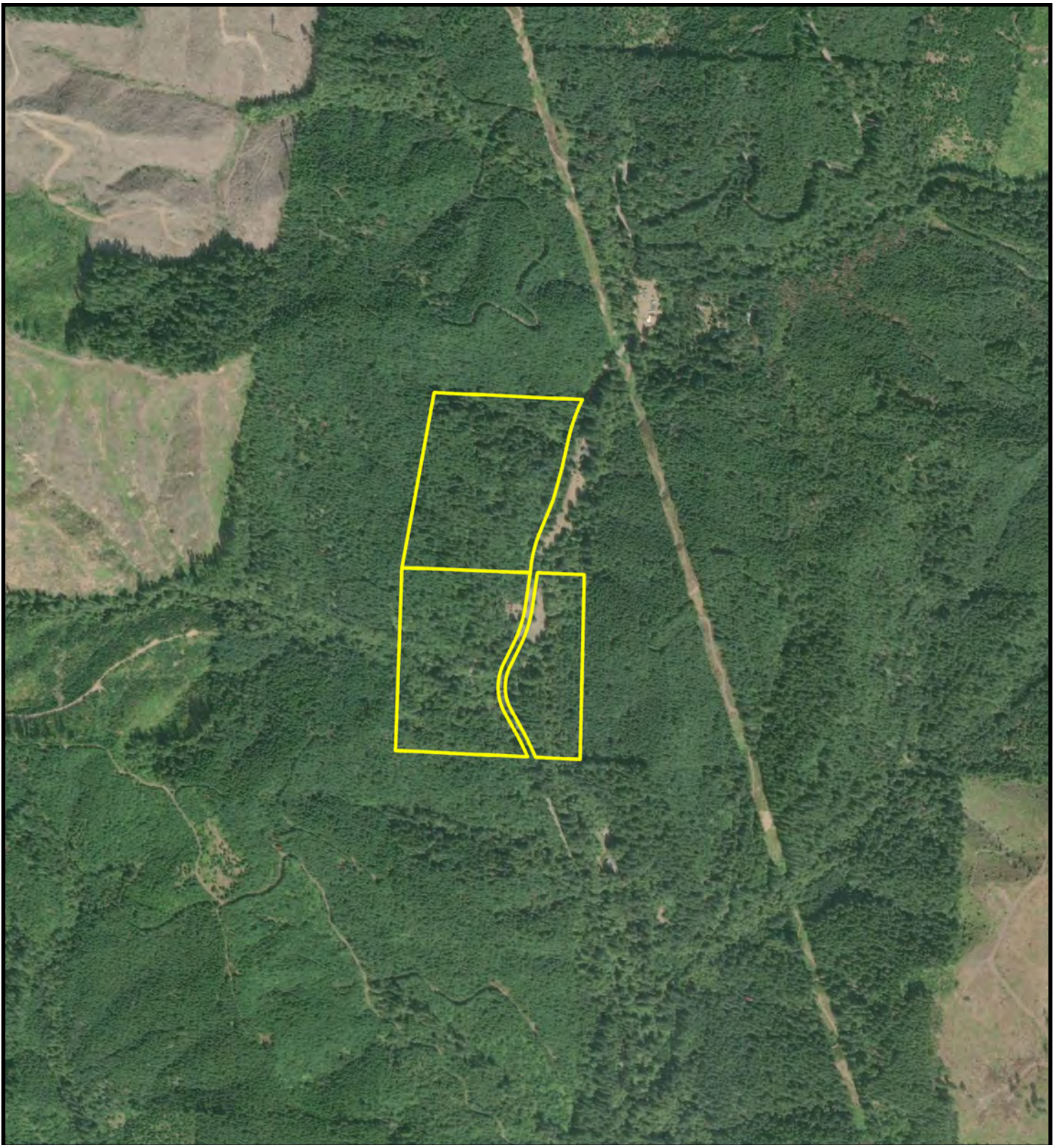
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These maps were compiled and created by Ecotrust with financial support from NRCS. We believe that knowledge of forest stocking, structure, and composition is critical to guide informed forest management and conservation. However, collecting or communicating 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.

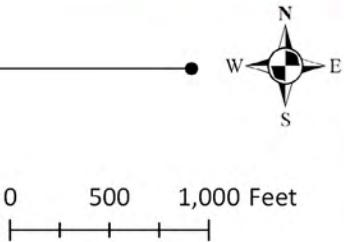
This forest characterization is still a work in progress but we hope they are useful to you as you interact with your land.



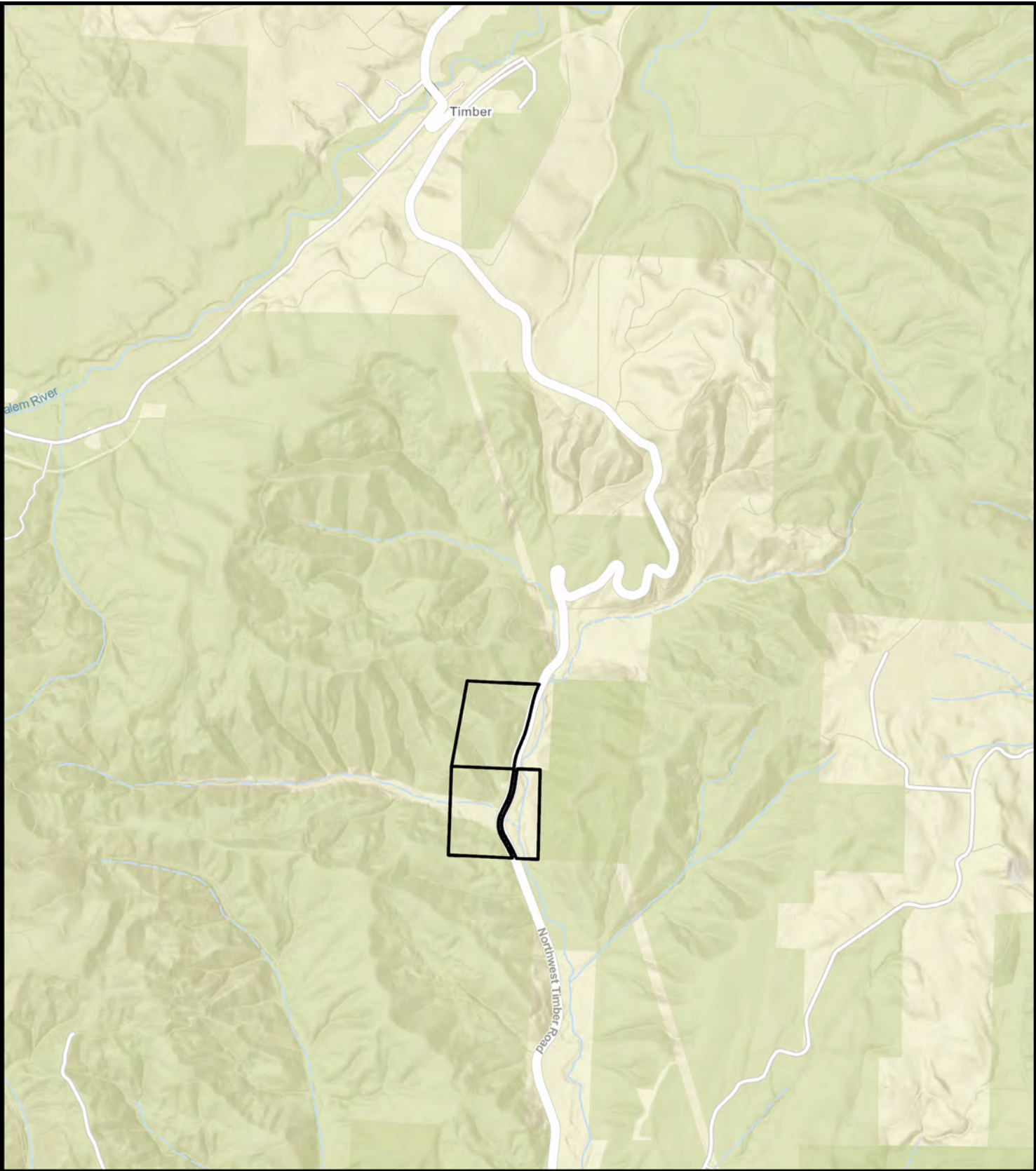
# Aerial Photo

 Landowner Taxlot

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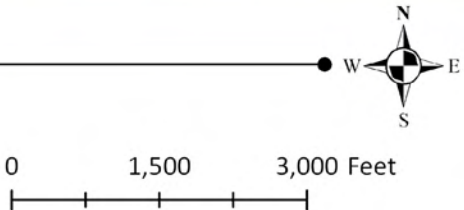




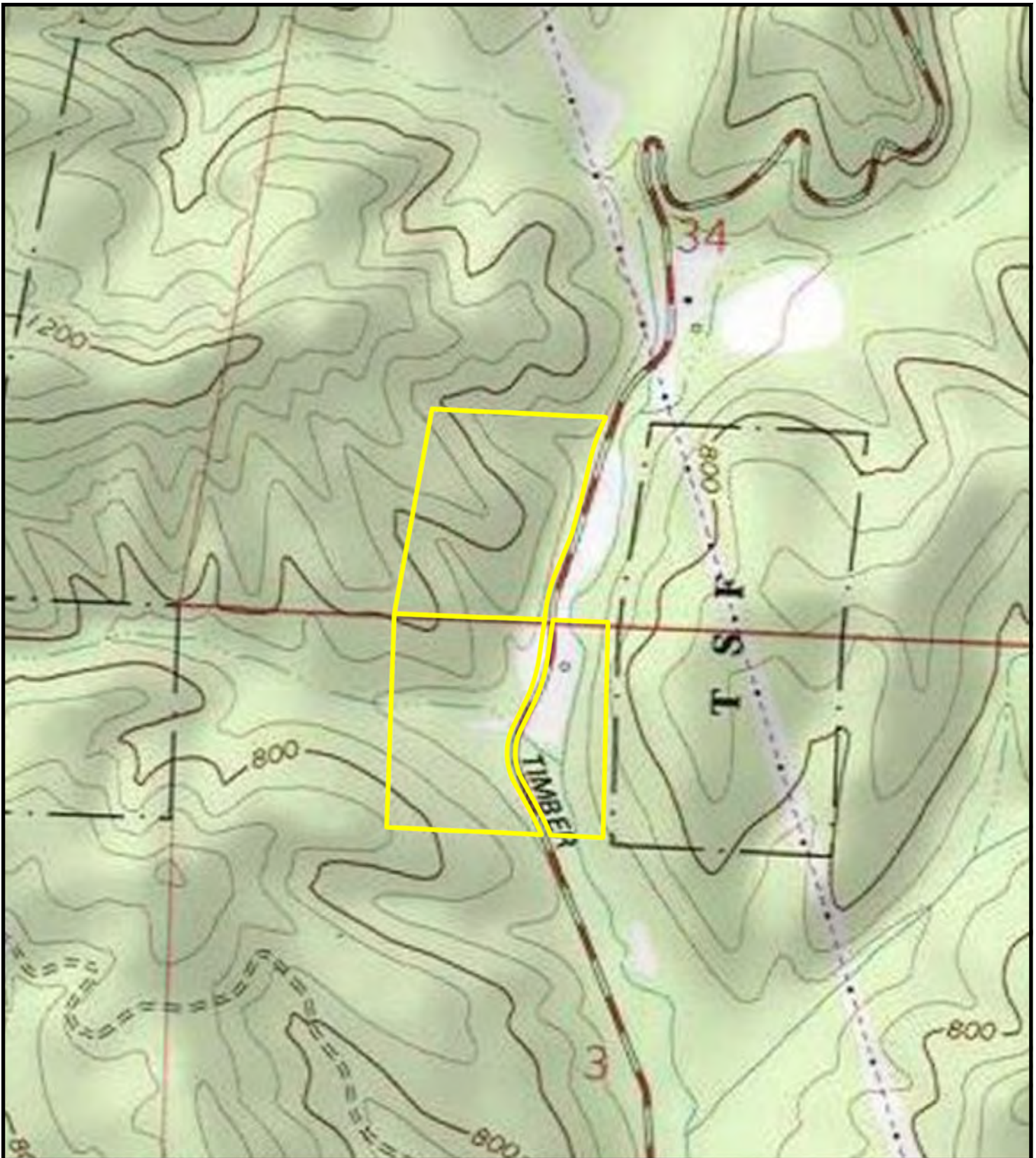
# Directions to Property

 Landowner Taxlot

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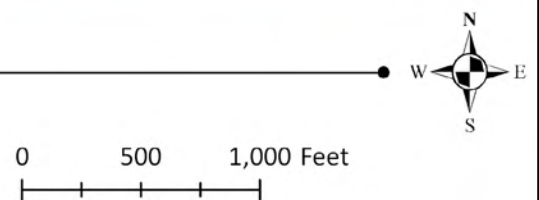






## Terrain Map

 Landowner Taxlot



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## Hydrology

- Landowner Taxlot
- Fish-Bearing Stream
- Non Fish-Bearing Stream

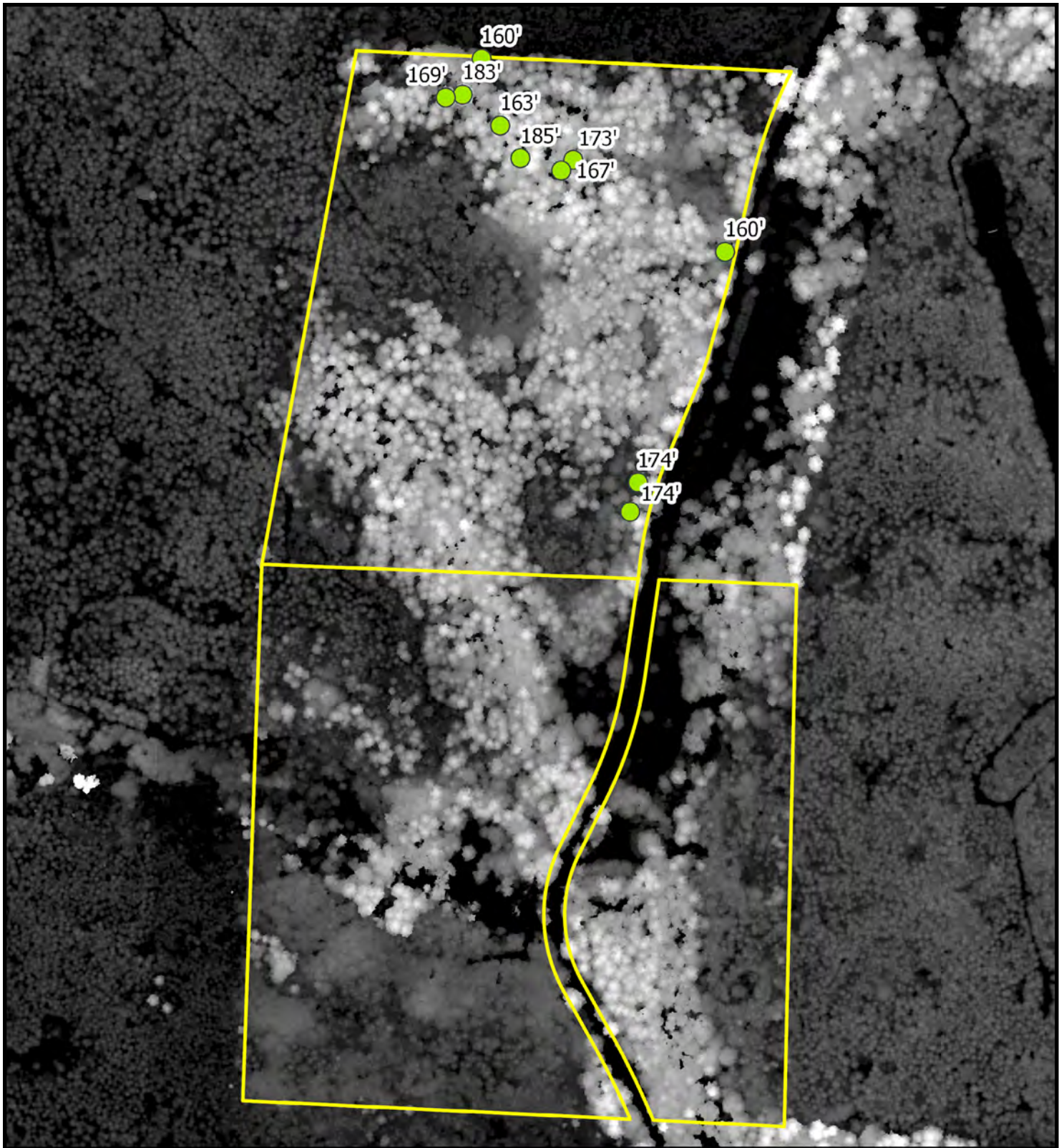


0 285 570 Feet


A horizontal scale bar with three segments. The first segment is labeled '0', the second '285', and the third '570 Feet'. There are tick marks at the boundaries of these segments.

Source: Oregon Department of Forestry





## Canopy Height Model

 Landowner Taxlot

 10 Tallest Trees

Canopy Height (ft)



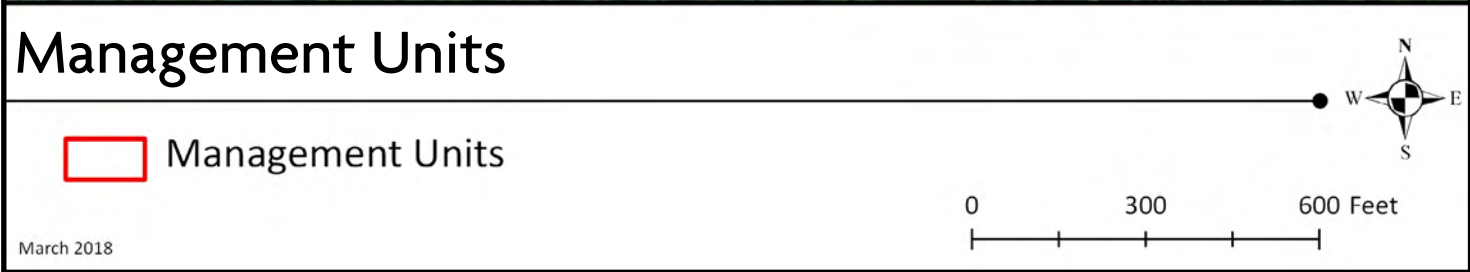
0 191

0 335 670 Feet

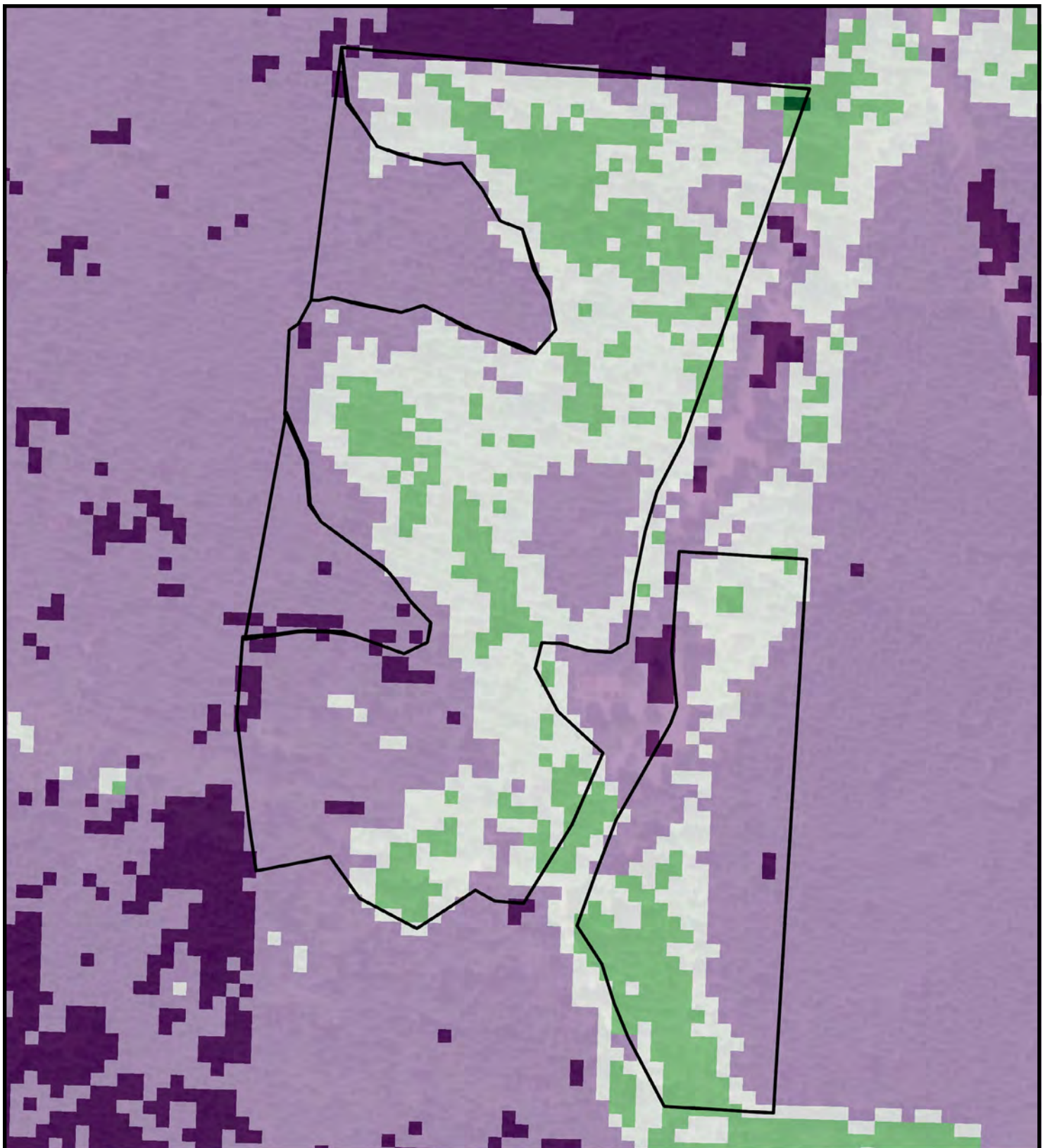


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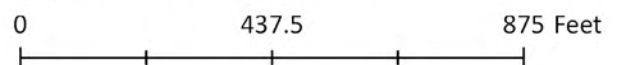




## Predicted QMD

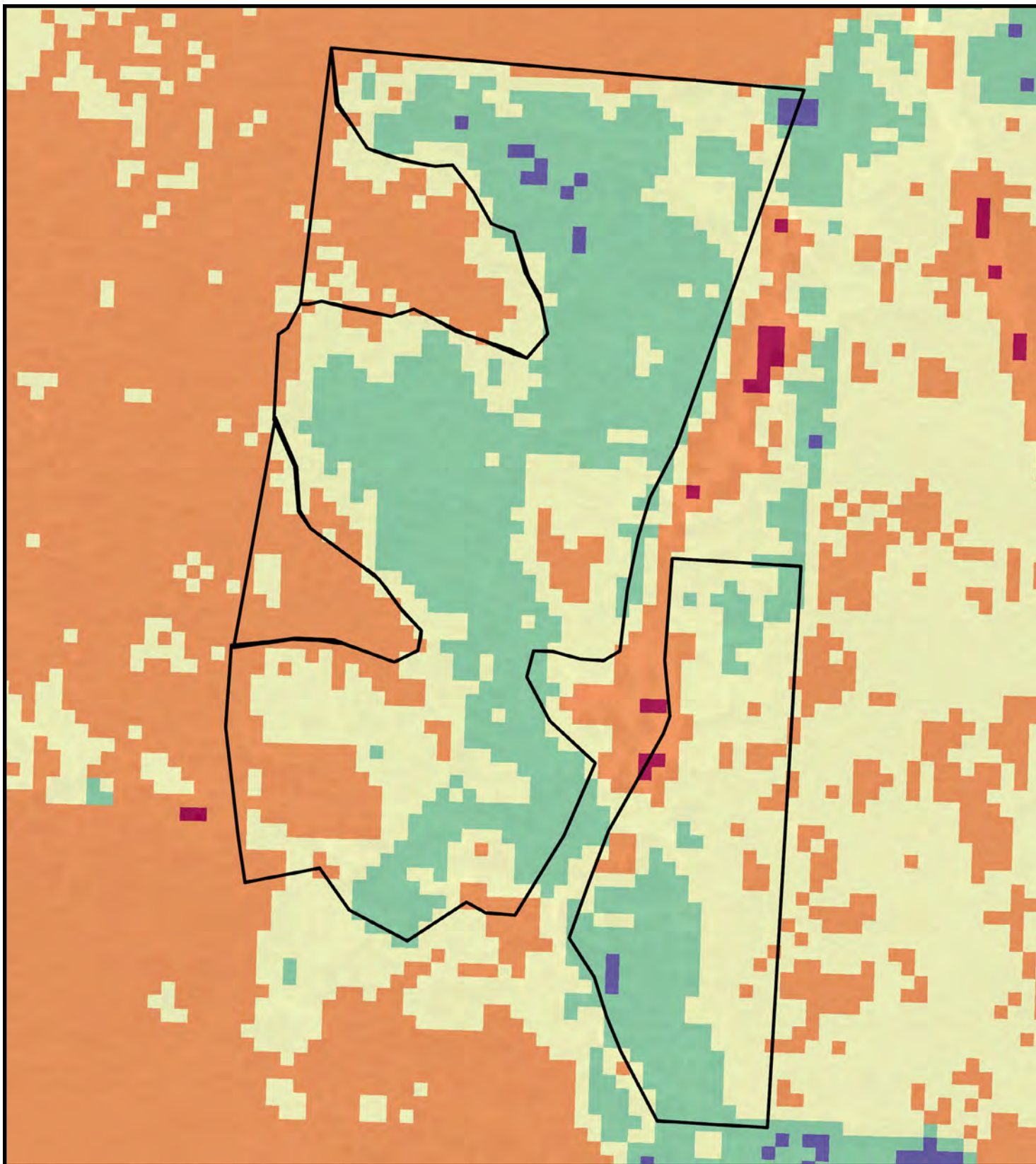


 Management Units

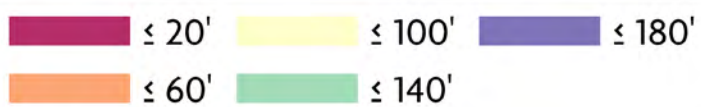


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## Predicted Total Height



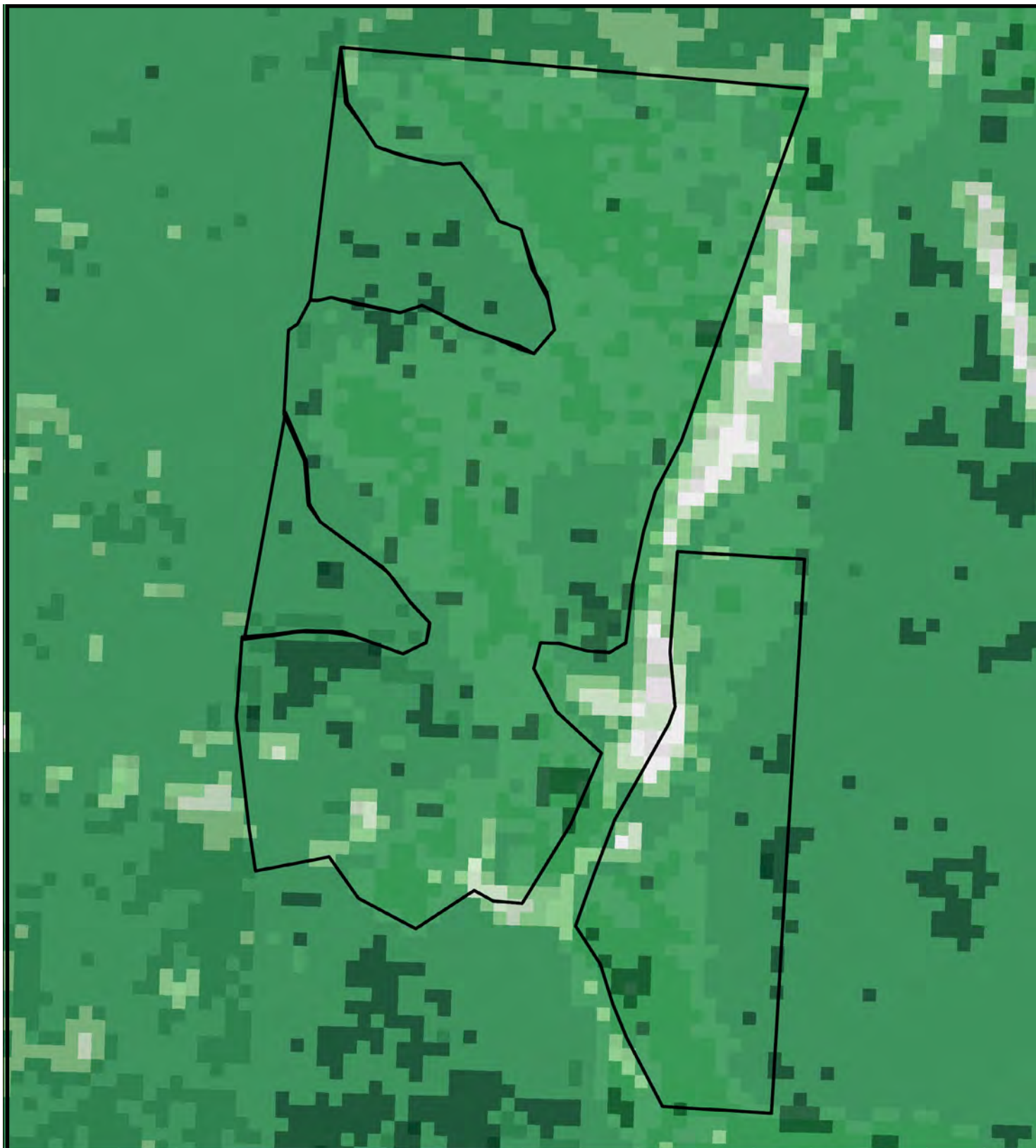
Management Units

0 437.5 875 Feet




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## Predicted Canopy Cover



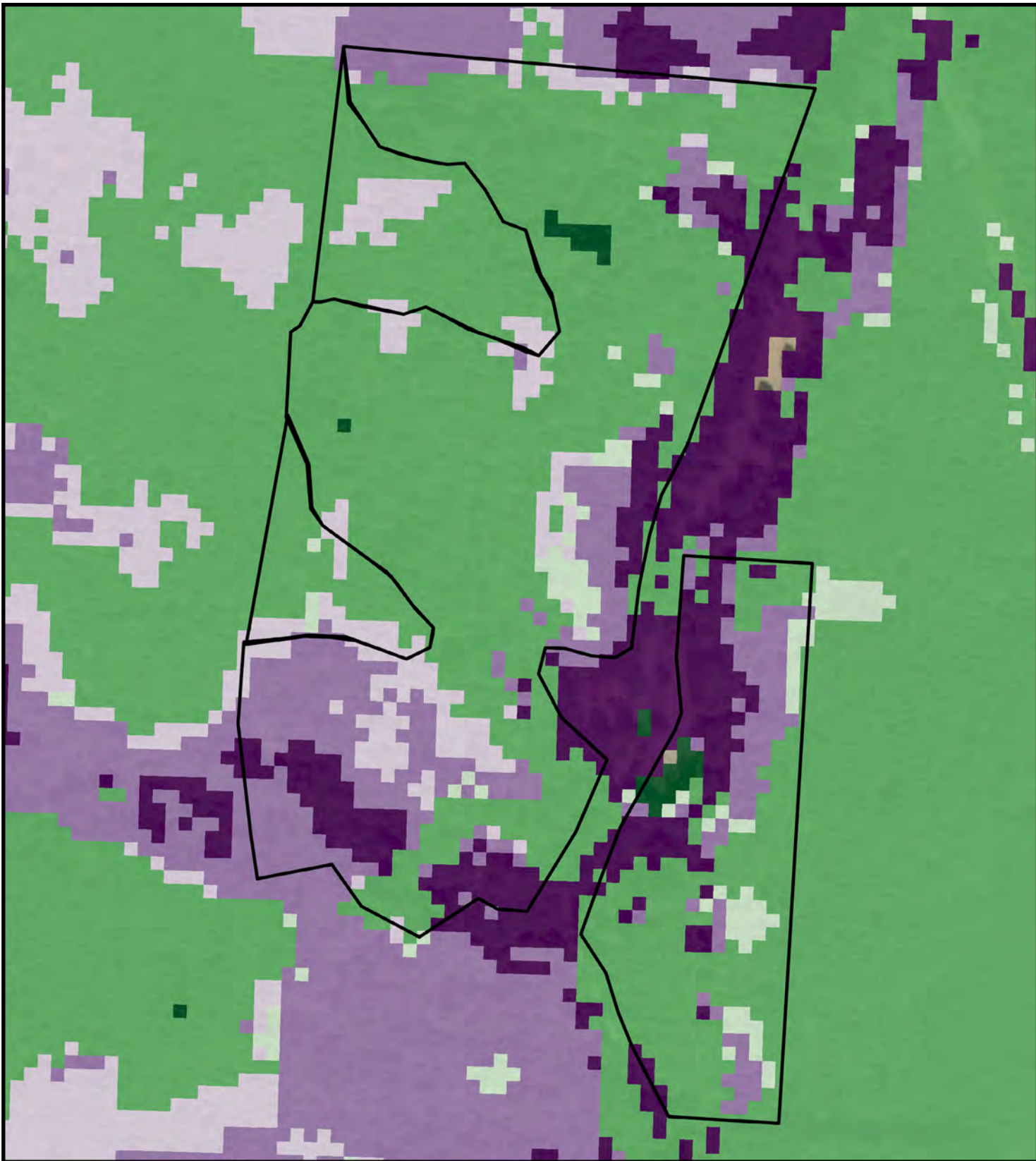
 Management Units

0 350 700 Feet



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## Predicted Forest Type

- |                                     |                                     |
|-------------------------------------|-------------------------------------|
| ■ Hardwood Dominant, No Conifer     | ■ Conifer > Hardwood, both Abundant |
| ■ Hardwood Dominant, Minor Conifer  | ■ Conifer Dominant, Minor Hardwood  |
| ■ Hardwood > Conifer, both Abundant | ■ Conifer Dominant, No Hardwood     |

□ Management Units

0 350 700 Feet

