

Hopewell Big Woods

Forest Protection and Habitat Assessment

Derived from a LiDAR (PAMAP data) and USDA—NAIP Aerial Object based Image Analysis

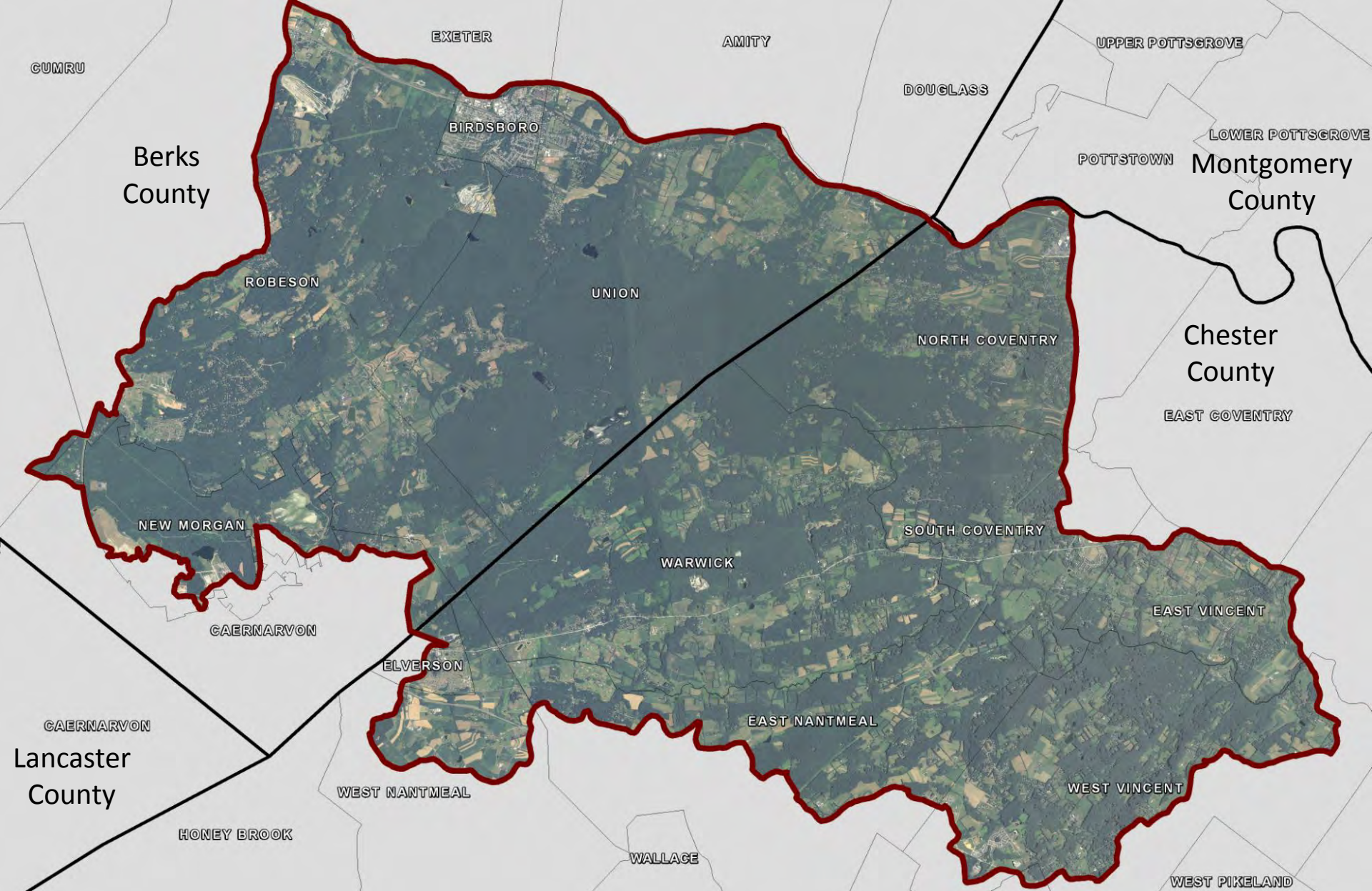
Mike McGeehin

GIS Analyst

Natural Lands Trust

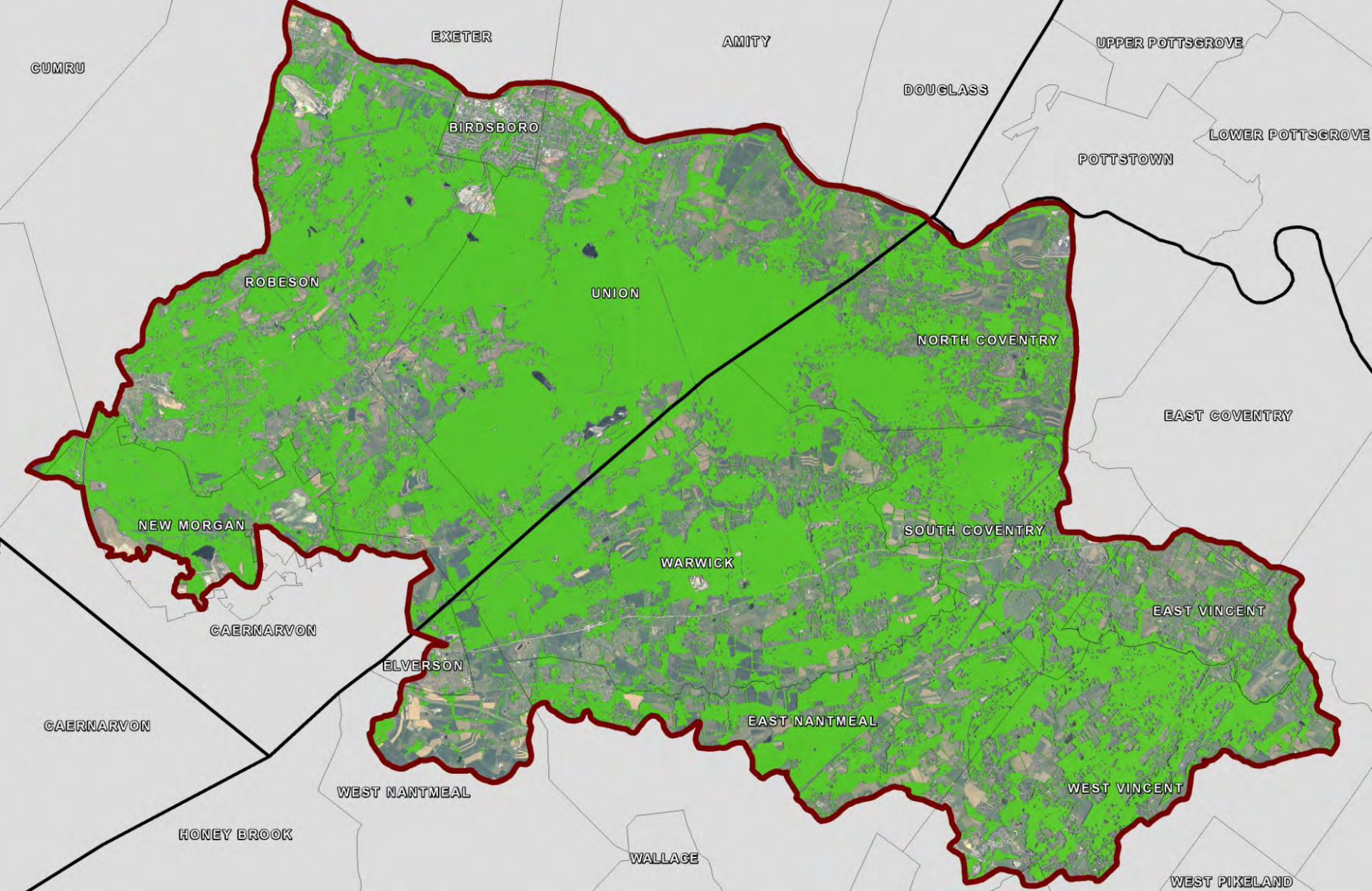
mmcgeehin@natlands.org





Hopewell Big Woods 2010 Aerial Photography

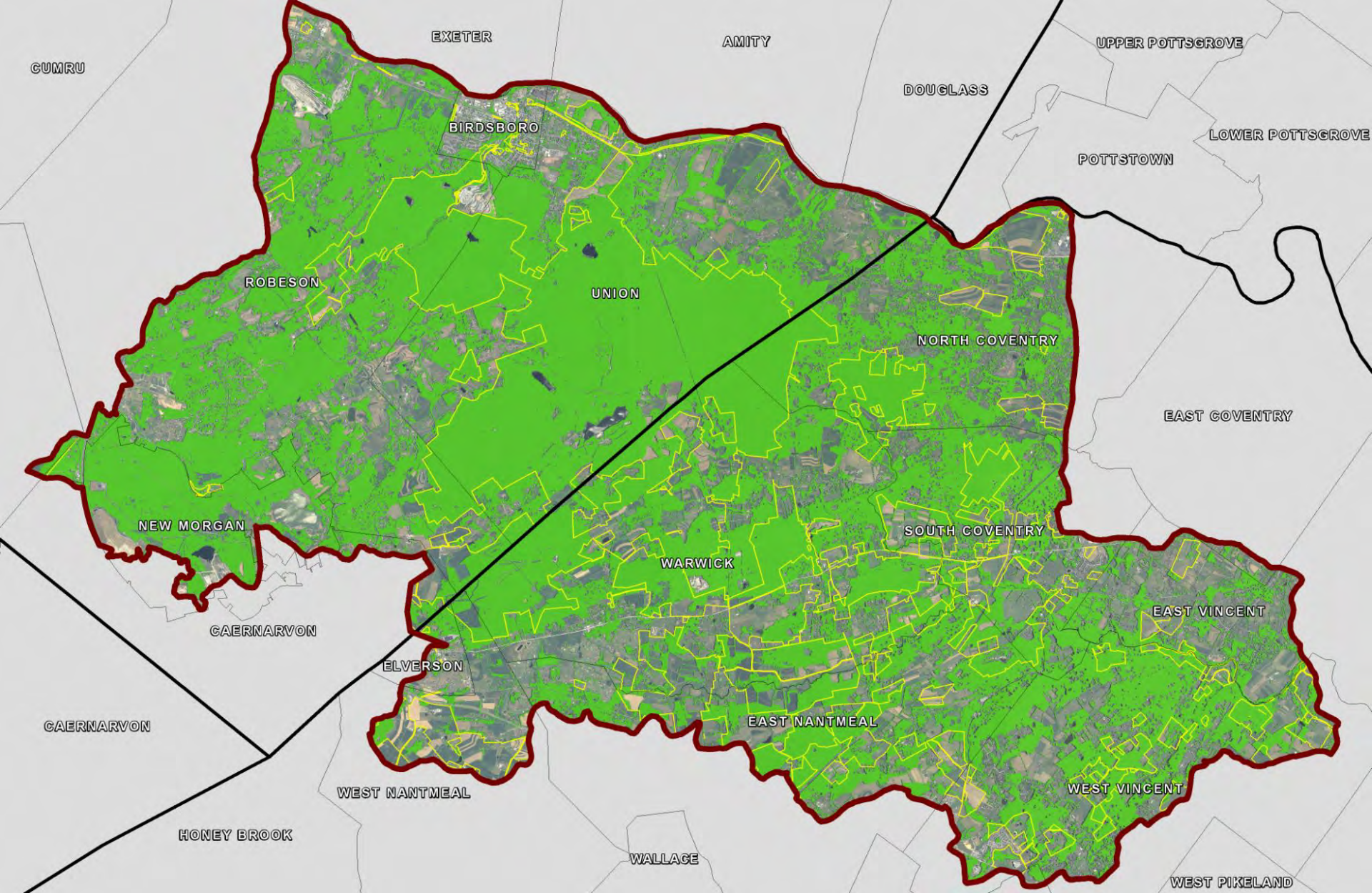
Data Source: USDA--NAIP



Hopewell Big Woods is 60% forested.
Tree Canopy = 43, 746 Acres

Data Source:
PA Geological Survey PAMAP

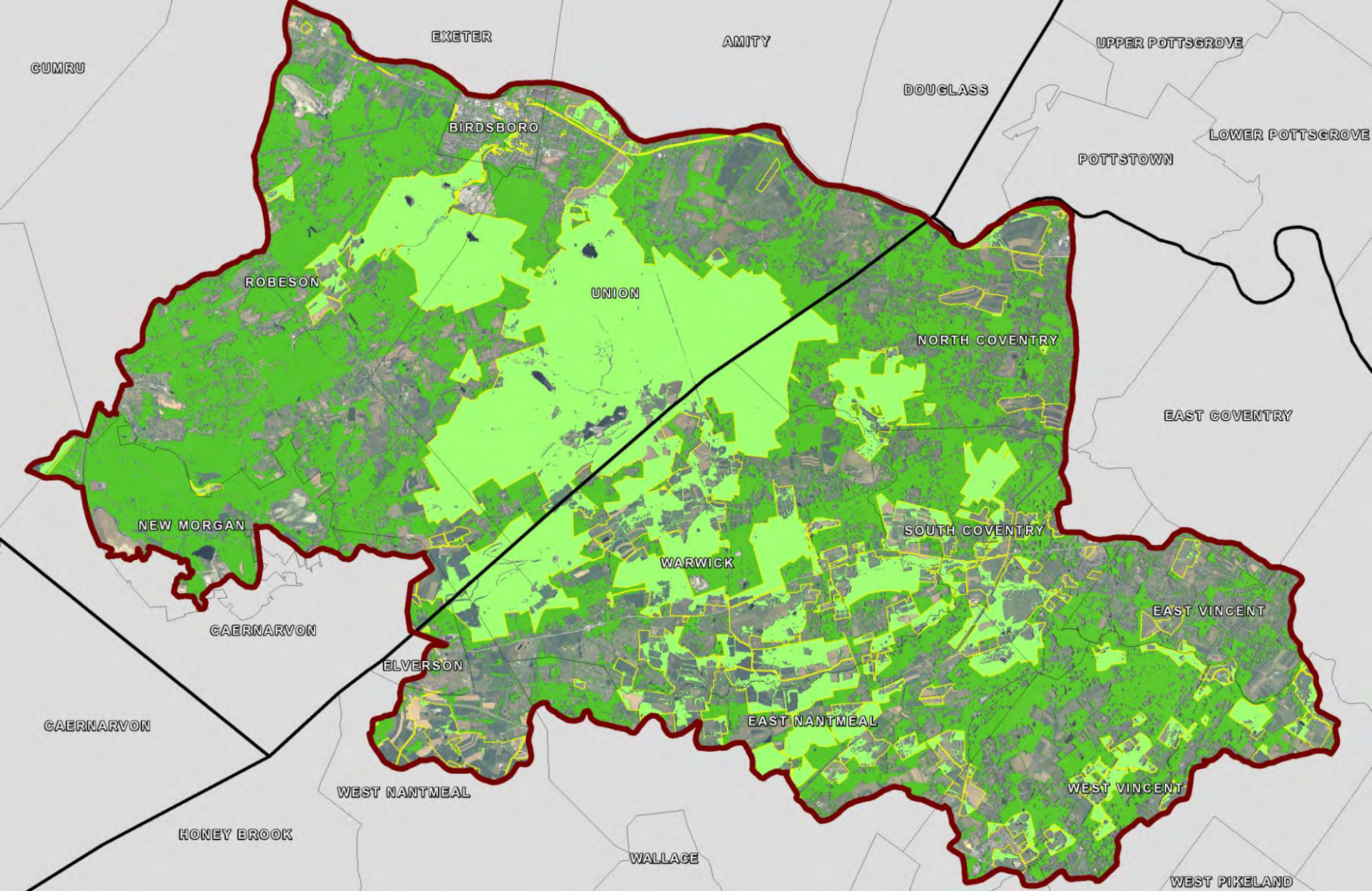




Hopewell Big Woods

Protected Lands = 28,570 Acres

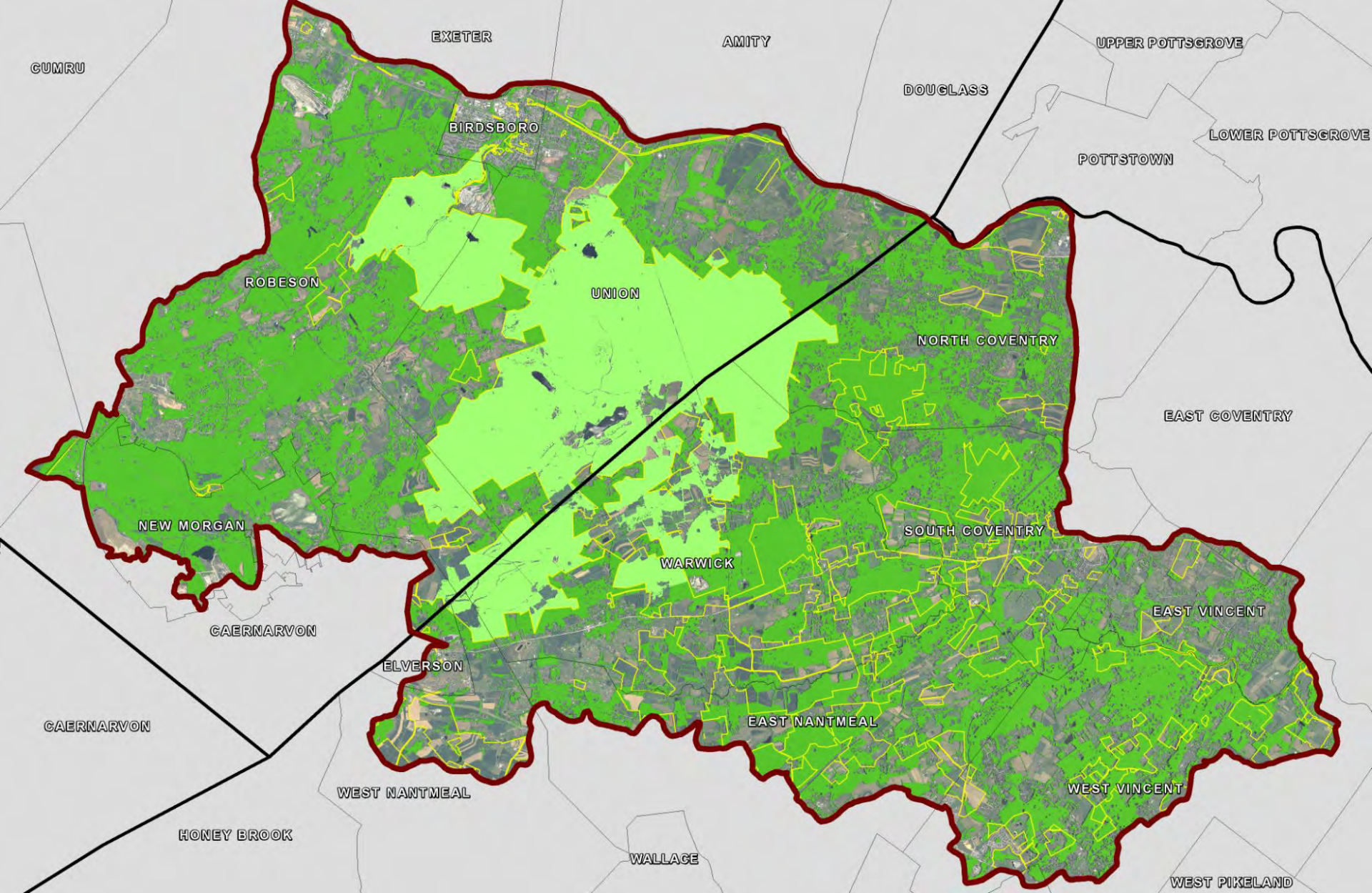
Data Source:
PA Geological Survey PAMAP



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17,000 Acres of Forest are Protected

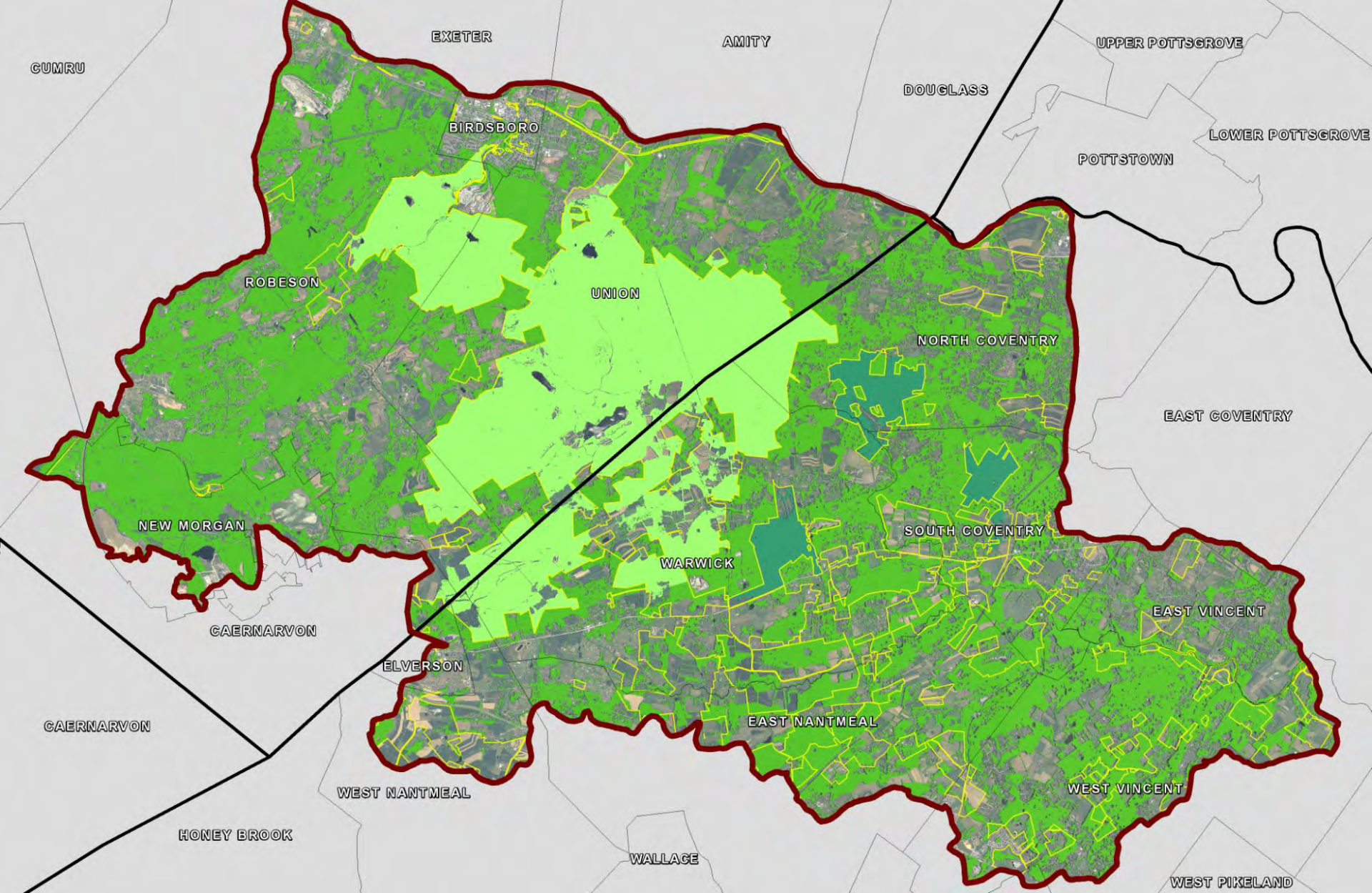
Data Source:
PA Geological
Survey PAMAP



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11,630 Acres of Contiguous Forest are Protected

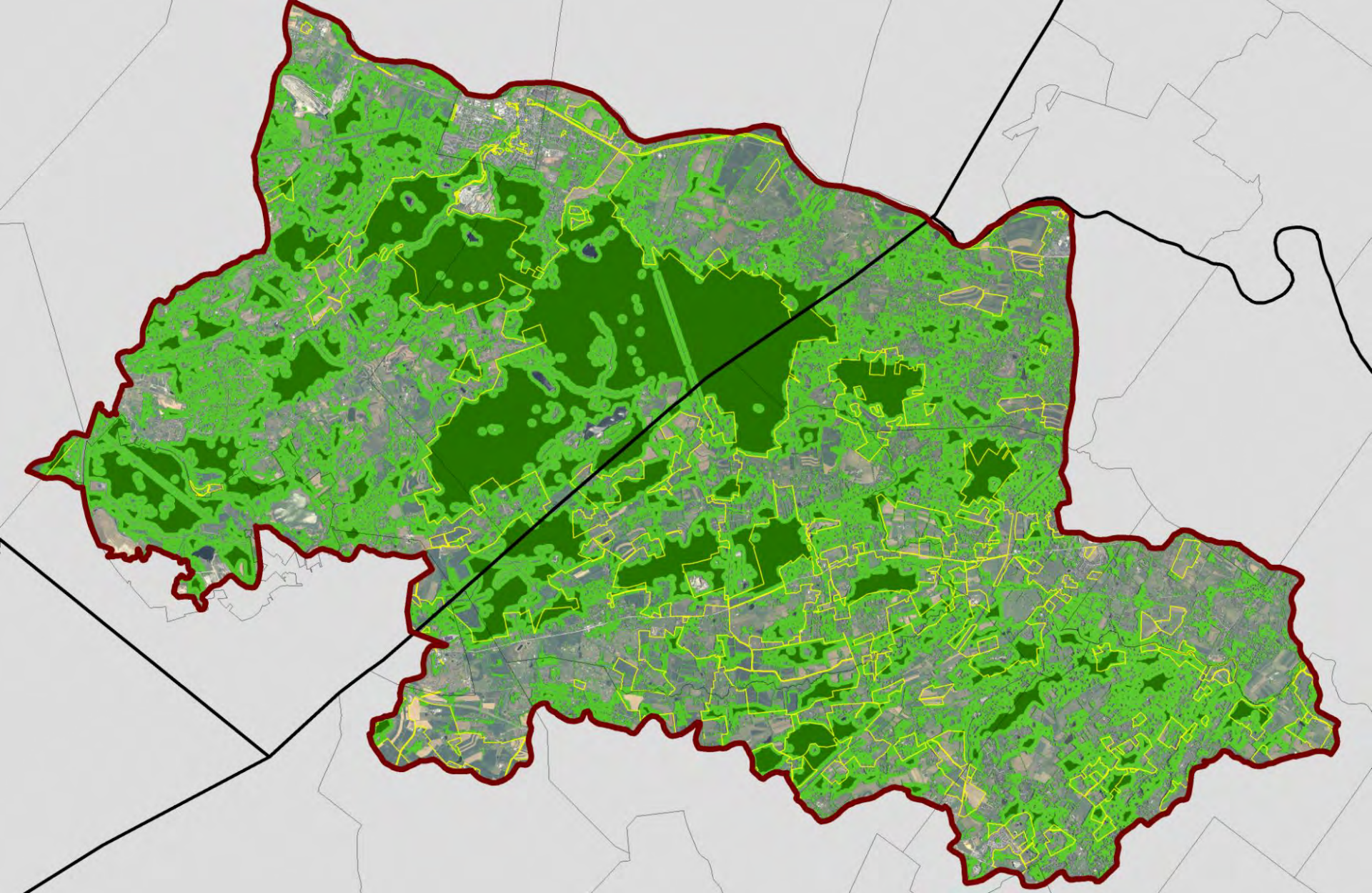
Data Source:
PA Geological
Survey PAMAP



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1,300 Acres of Contiguous Forest Connected by Privately-held Forest are Protected

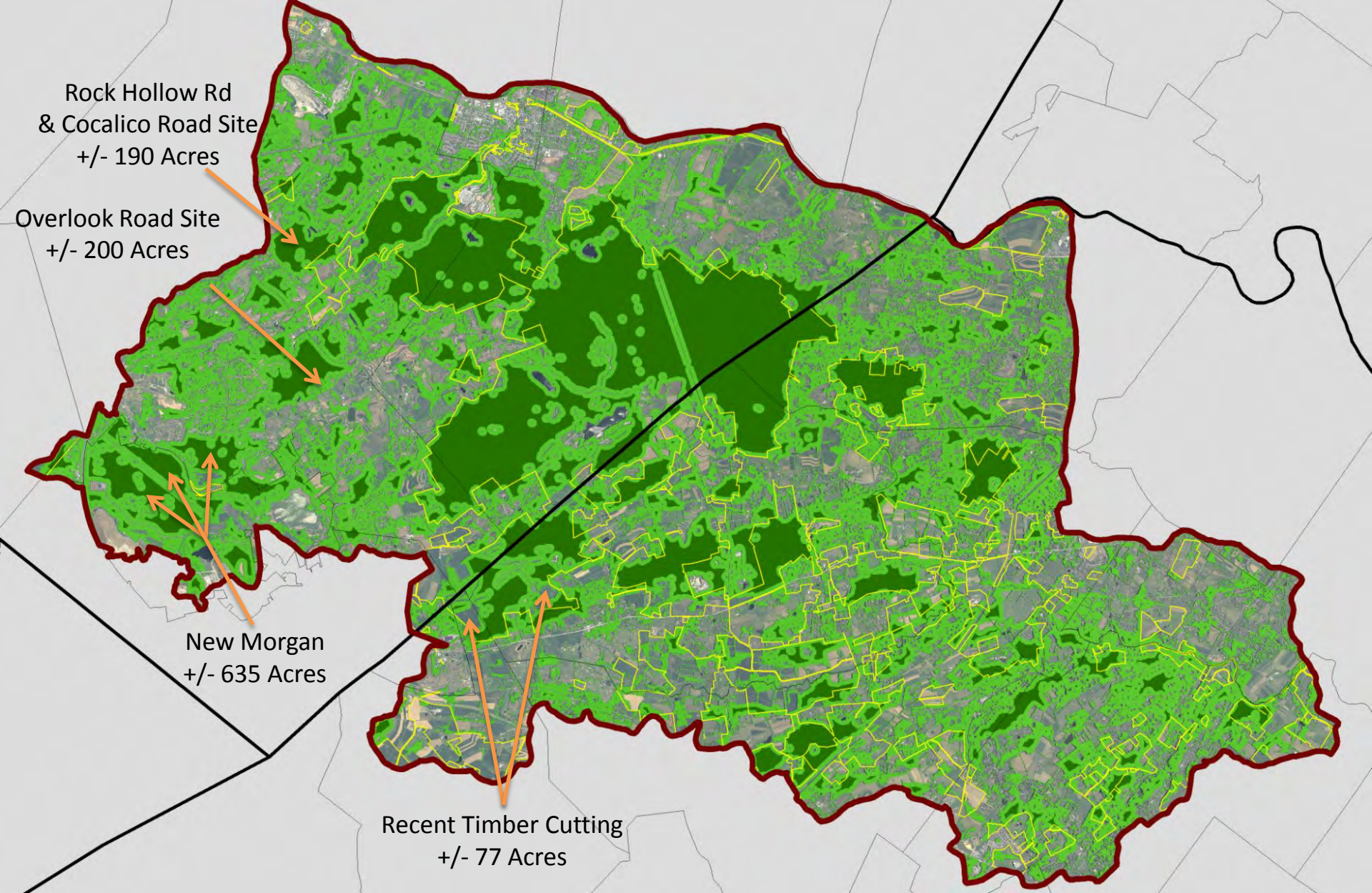
Data Source:
PA Geological Survey PAMAP



Hopewell Big Woods

13,340 Acres of Interior Forest (71% Protected)

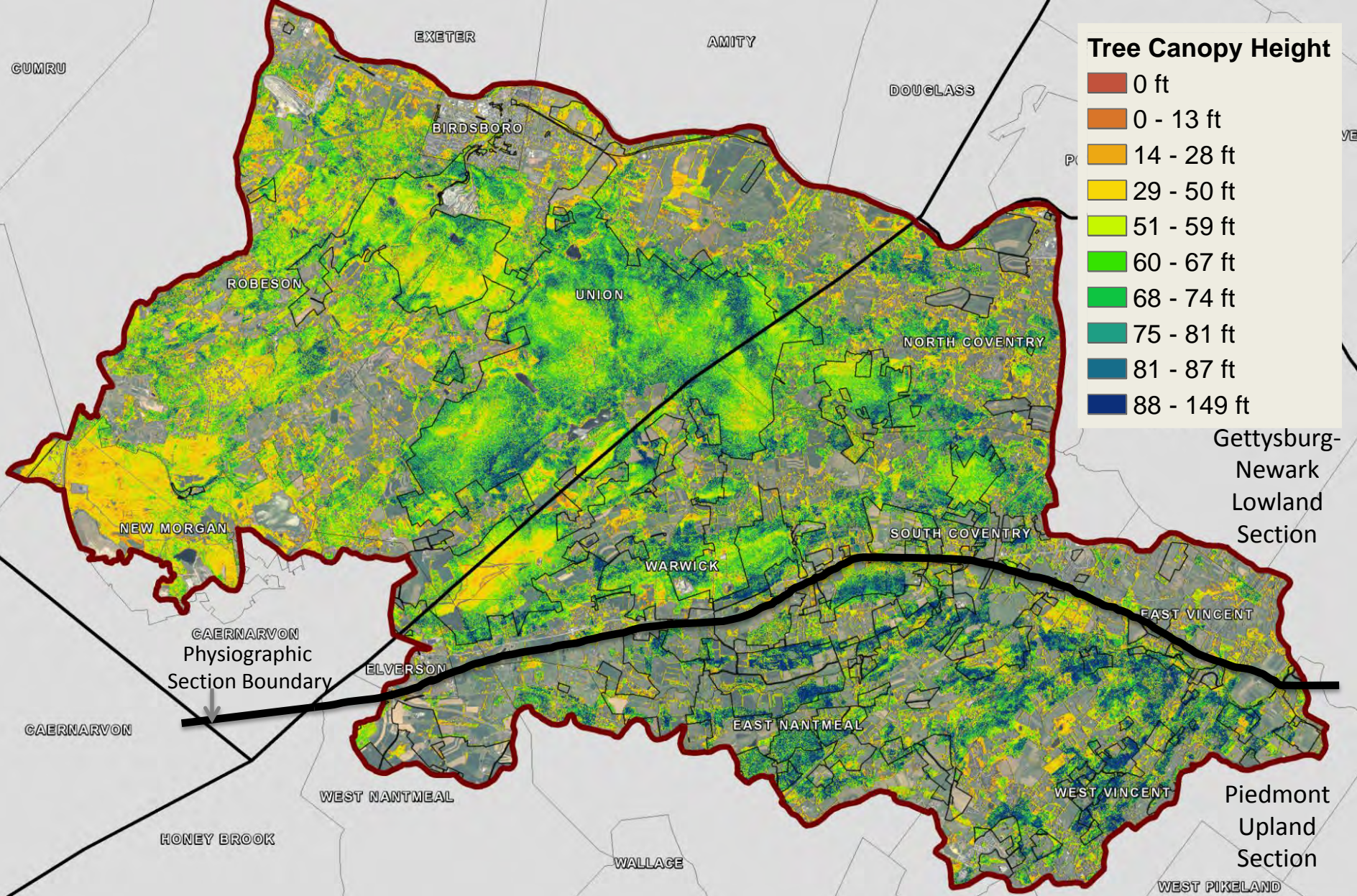
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PA Geological Survey PAMAP

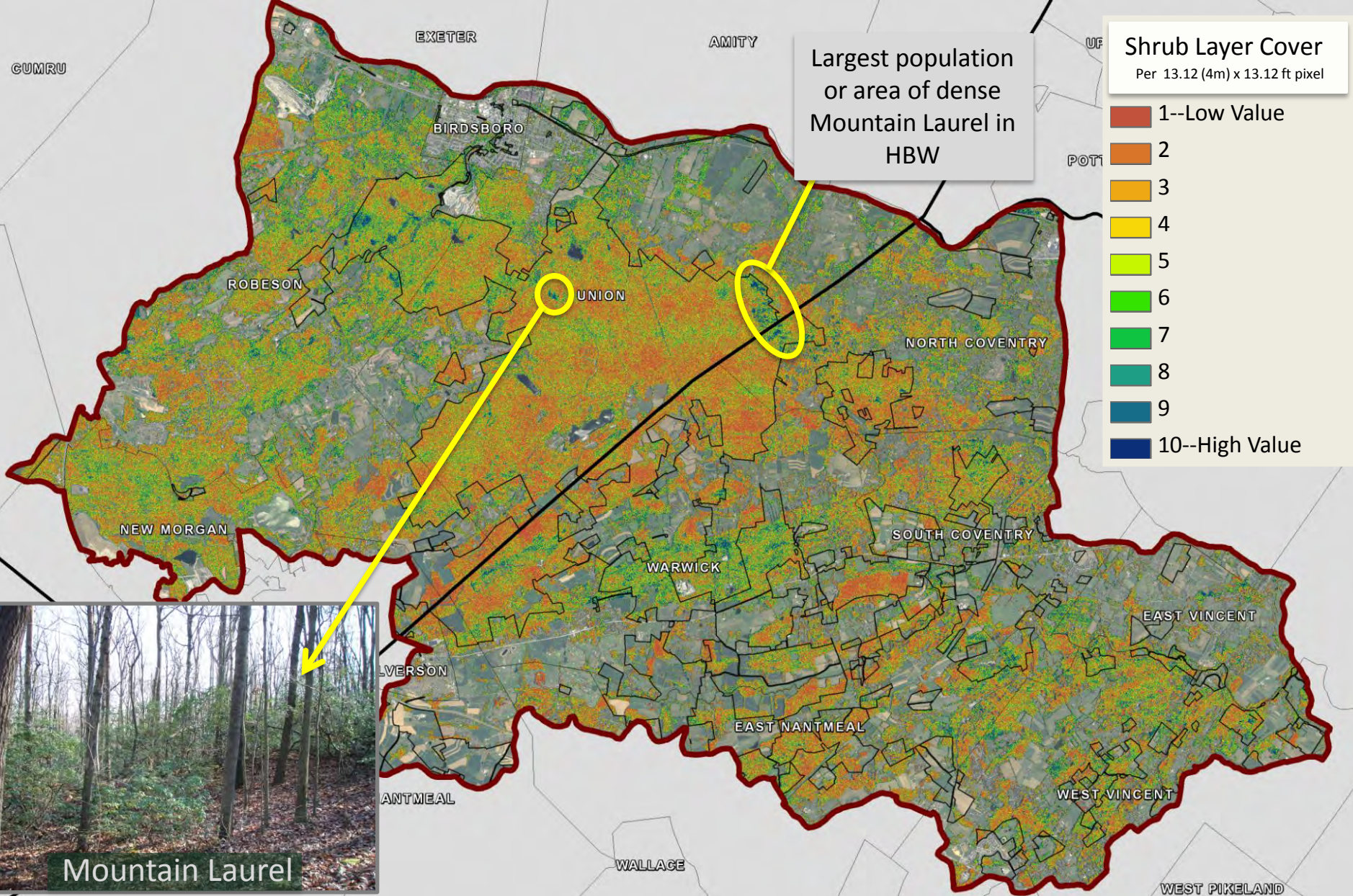


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Potential Increases to Protected Interior Forest

Data Source:
PA Geological Survey PAMAP





Hopewell Big Woods Forest Understory

Data Source:
PA Geological Survey PAMAP

