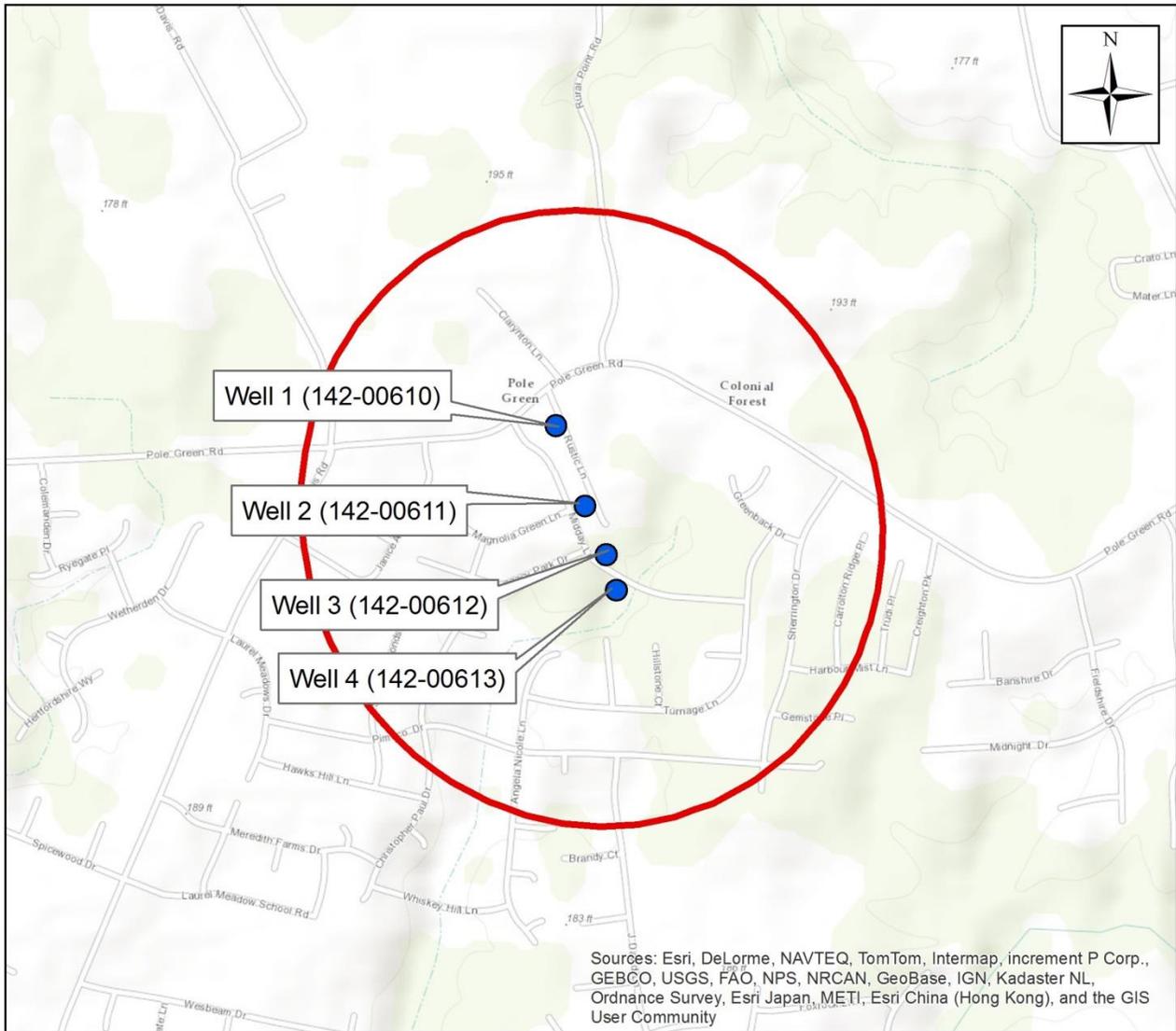


Legacy Park Subdivision Area of Impact - Columbia Aquifer



● Legacy Park Subdivision Production Wells

○ Area of Impact

Simulated drawdown at or exceeding one foot in the Columbia aquifer resulting from a 2-dimensional analytical simulation (Neuman) of 6,200,000 gallons per year (16,986 average gpd) for 8 years followed by 12 days at 1,000,000 gallons per month (32,787 average gpd). Maximum radius of one-foot drawdown (Area of Impact) occurs 2,040 feet from the pumping center.

0 500 1,000 2,000
Feet

Technical Evaluation performed by Aquaveo, LLC for the Virginia DEQ, Office of Water Supply July 24, 2015

