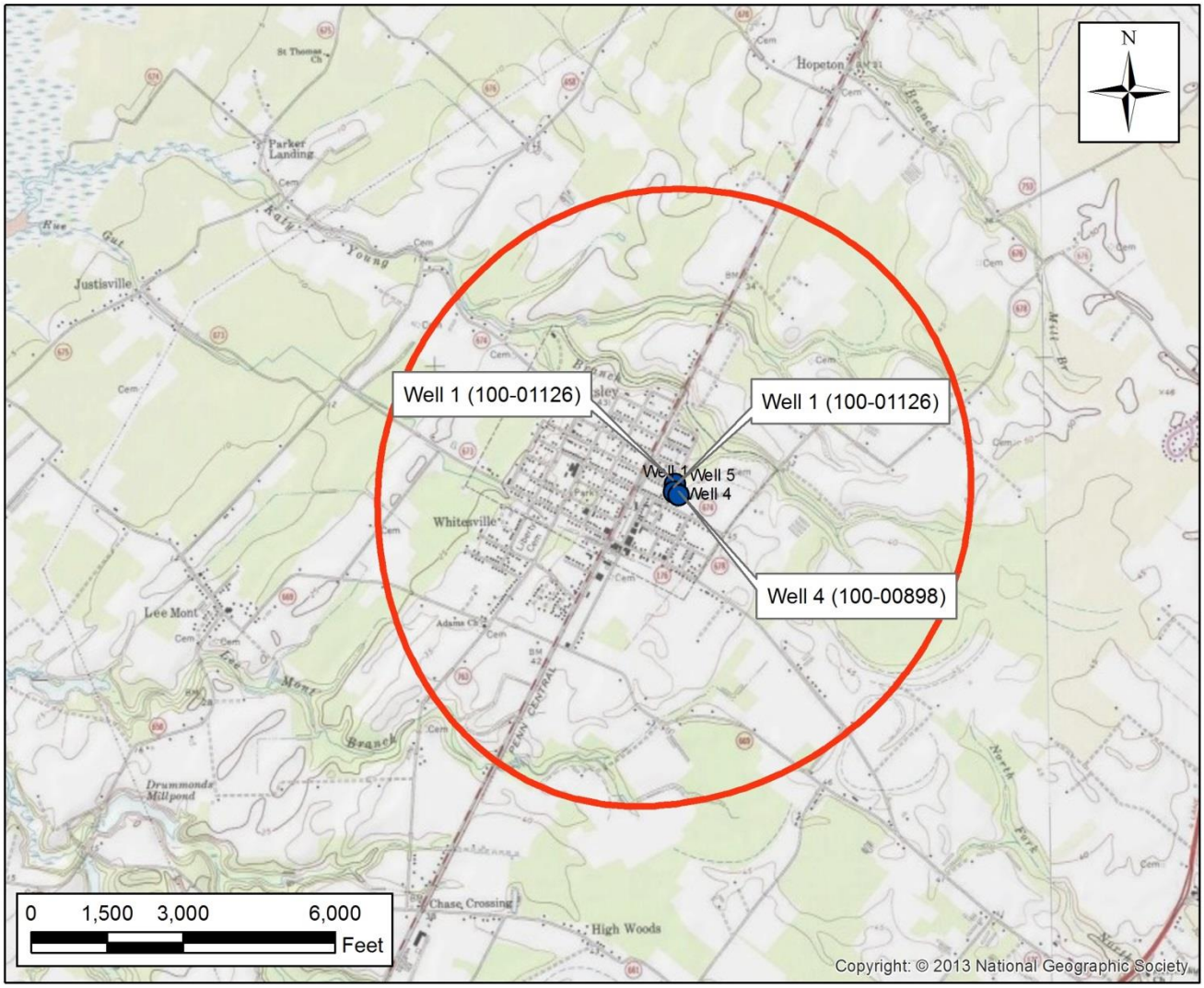
Town of Parksley
Area of Impact - Upper Yorktown-Eastover Aquifer



Town of Parksley Wells

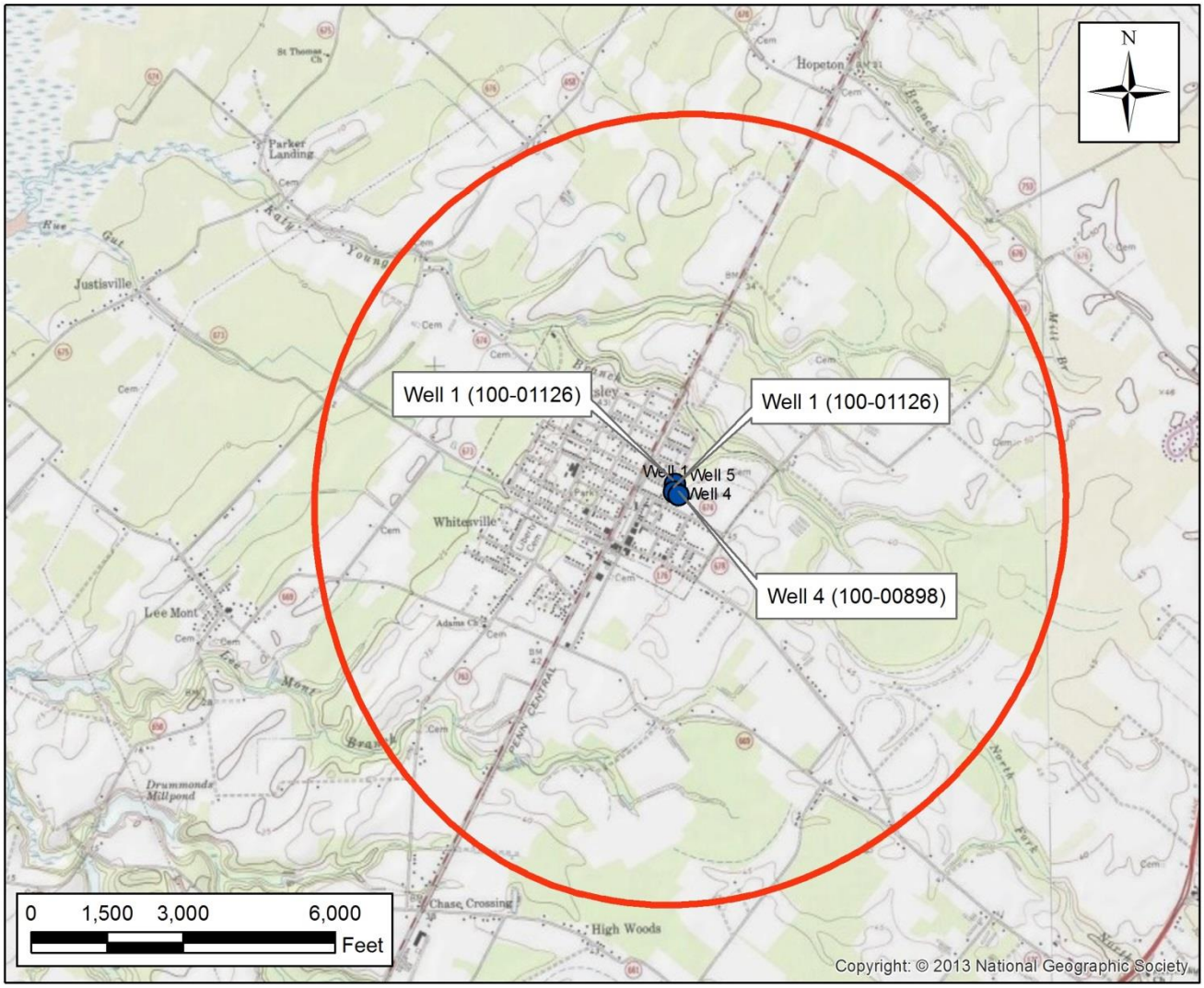
Upper Yorktown-Eastover Area of Impact

Simulated drawdown at or exceeding one foot in the Upper Yorktown-Eastover aquifer resulting from a 29,220,000 gallon per year (80,055 gpd), steady-state, multi-aquifer withdrawal. Maximum radius of one drawdown (Area of Impact) occurs 1.2 miles from the pumping center. The Virginia Eastern Shore Model developed by the USGS was used to simulate drawdown.

Technical evaluation performed by Aquaveo, LLC for the Virginia DEQ, Office of Water Supply
November 5, 2014

DEQ
VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY

Town of Parksley
Area of Impact - Middle Yorktown-Eastover Aquifer



Town of Parksley Wells

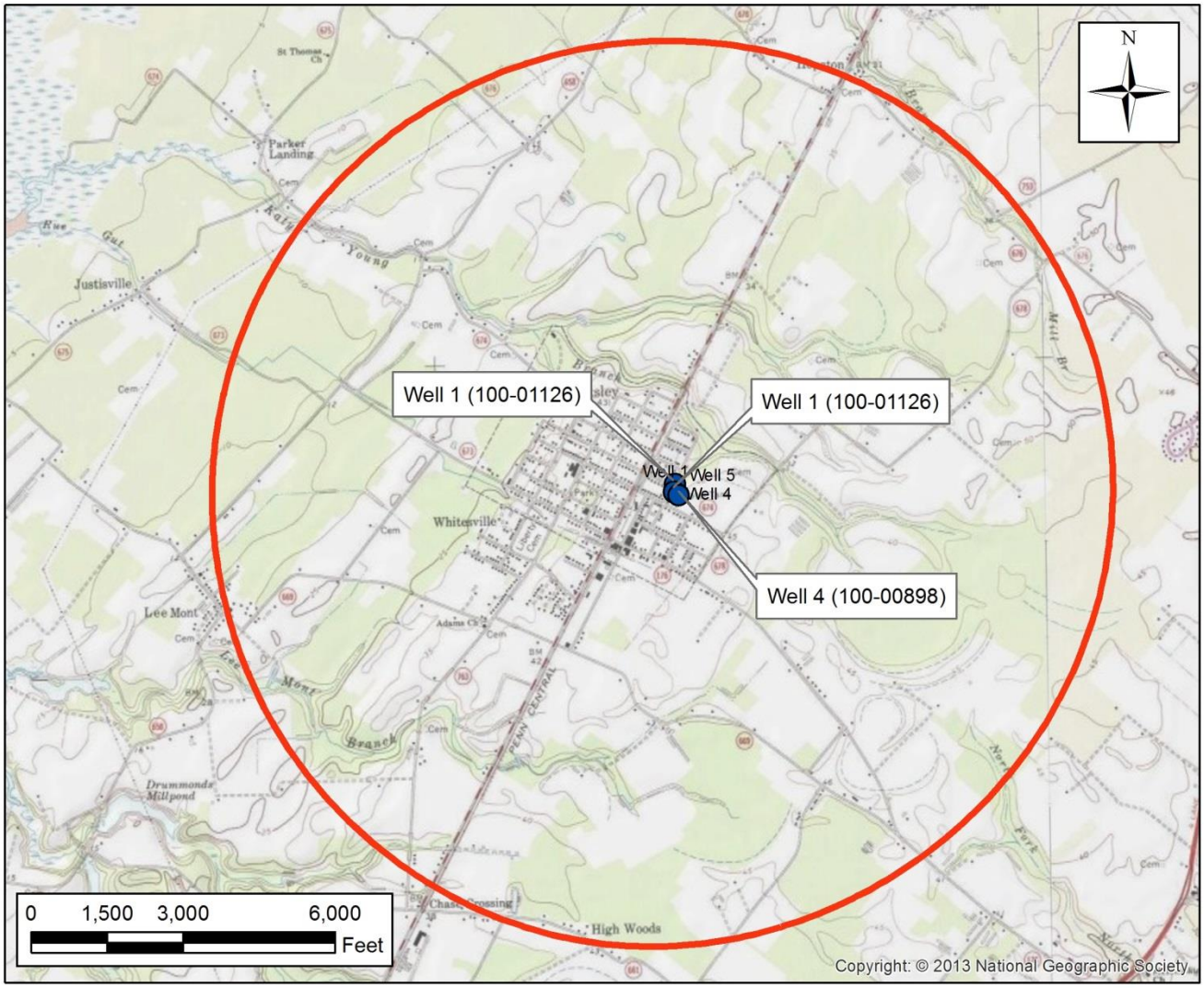
Middle Yorktown-Eastover Area of Impact

Simulated drawdown at or exceeding one foot in the Middle Yorktown-Eastover aquifer resulting from a 29,220,000 gallon per year (80,055 gpd), steady-state, multi-aquifer withdrawal. Maximum radius of one drawdown (Area of Impact) occurs 1.5 miles from the pumping center. The Virginia Eastern Shore Model developed by the USGS was used to simulate drawdown.

Technical evaluation performed by Aquaveo, LLC for the Virginia DEQ, Office of Water Supply
November 5, 2014

DEQ
VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY

Town of Parksley
Area of Impact - Lower Yorktown-Eastover Aquifer



Town of Parksley Wells

Lower Yorktown-Eastover Area of Impact

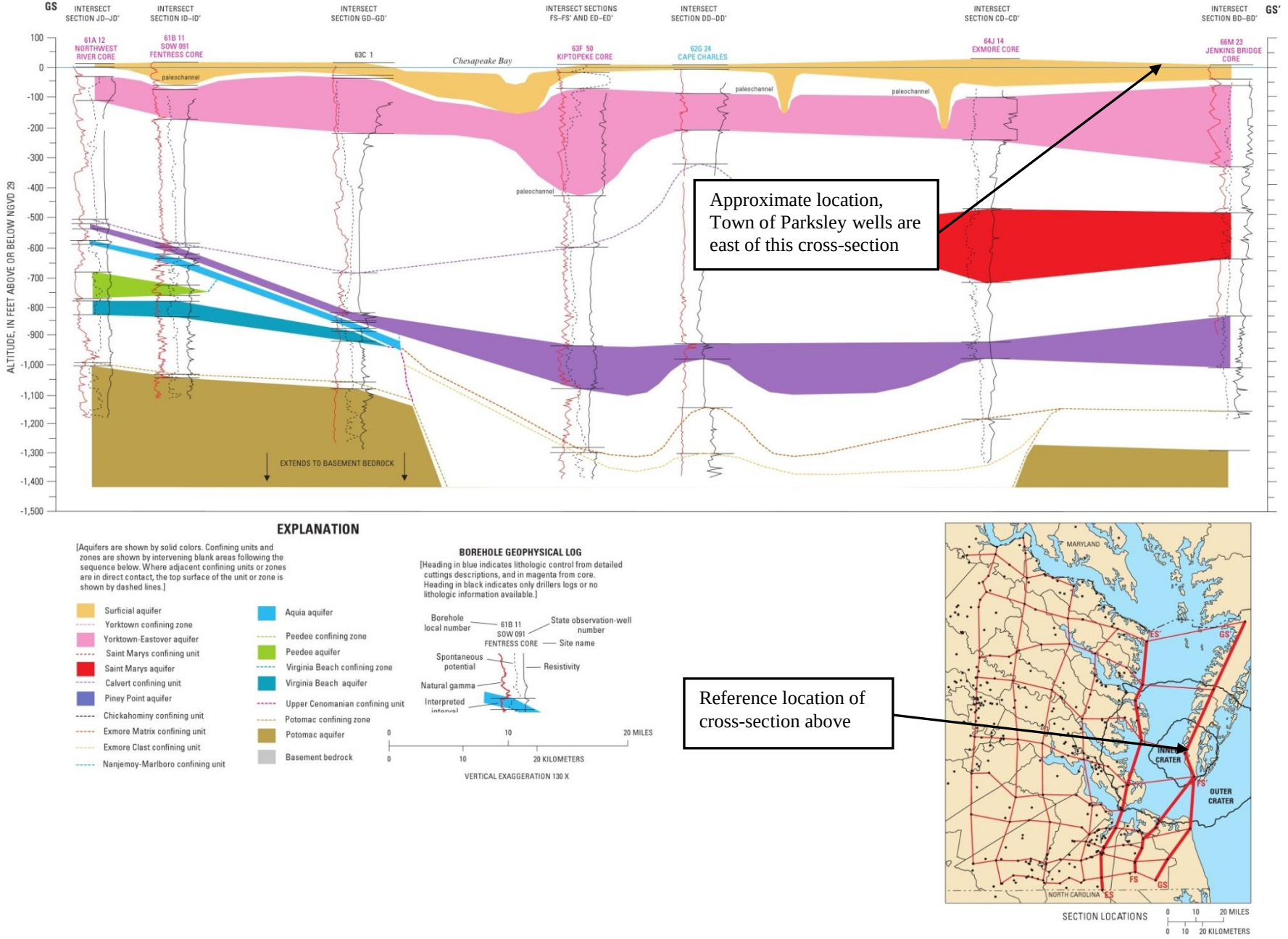
Simulated drawdown at or exceeding one foot in the Lower Yorktown-Eastover aquifer resulting from a 29,220,000 gallon per year (80,055 gpd), steady-state, multi-aquifer withdrawal. Maximum radius of one drawdown (Area of Impact) occurs 1.7 miles from the pumping center. The Virginia Eastern Shore Model developed by the USGS was used to simulate drawdown.

Technical evaluation performed by Aquaveo, LLC for the Virginia DEQ, Office of Water Supply
November 5, 2014

DEQ
VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY

SOUTH

NORTH



Coastal Plain (2006) Cross-Sections GS-GS' from USGS Professional Paper 1731.