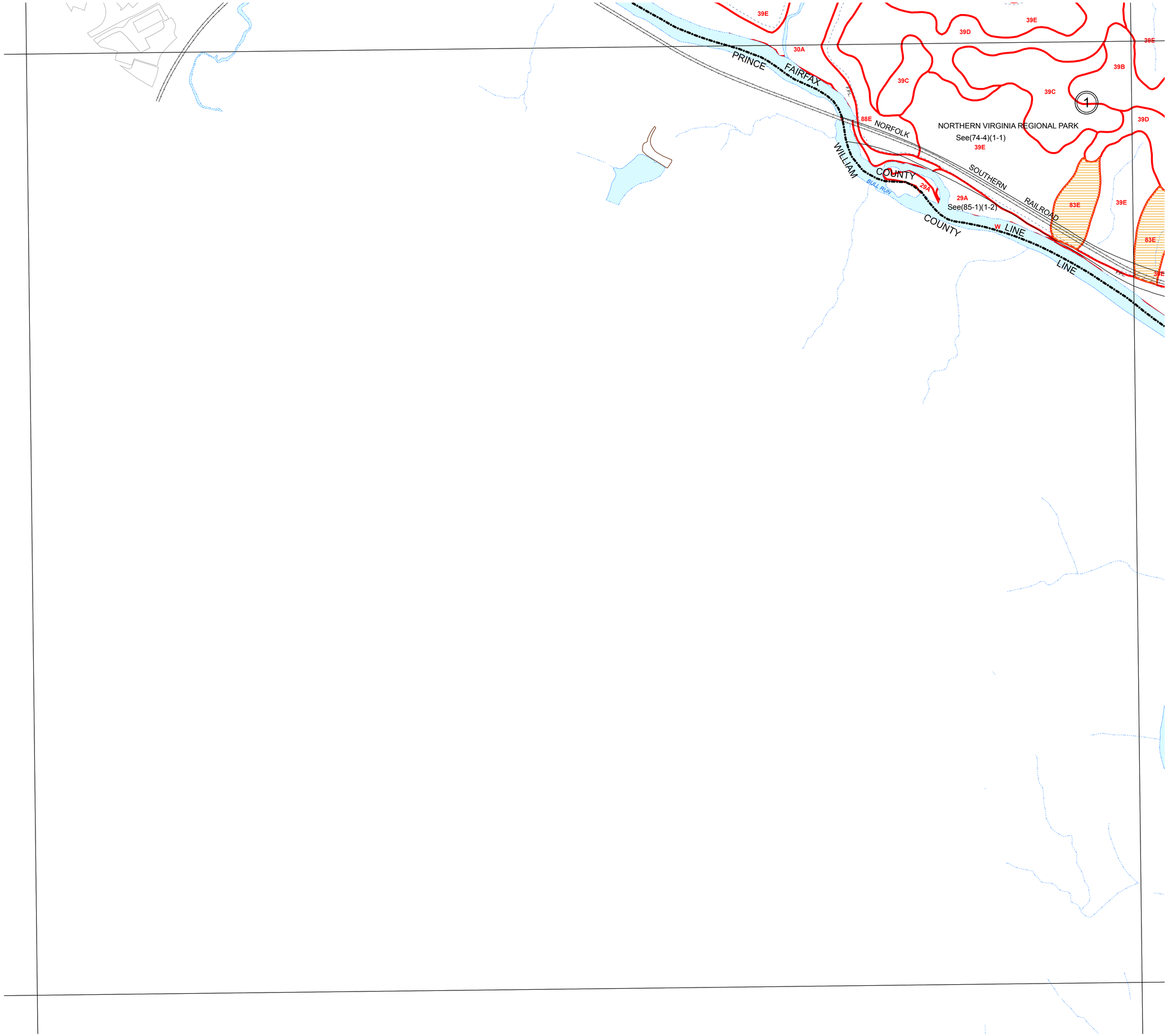

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N

100 50 0 100 200 300 400 Feet

Map file is 50" X 75" based on USGS 1:24,000 scale 7 1/2 minute Quad. Virginia Coordinate System values are of 1983 North Zone in U.S. feet based on NAD 83/93 High Precision GPS Network adjustment.

National Geodetic Vertical Datum 1929

GENERAL NOTES

Soil Lines

Soil survey maps are for general planning purposes. Soil lines are not definitive. Soils gradually phase into one another. Characteristics of neighboring soil types will be found within a soil's borders.

Marumsco Soils

Marumsco soils are variable but may contain bands of shrinking-swelling "marine clay." Foundation distress and slope failure are possible if precautions are not taken during design and construction.

Previously Mapped Marine Clay

Areas mapped as marine clay in previous soil surveys.See precautions for Marumsco Soils.

Non-Marine Clay High Shrink-Swell Soils

Soils containing other shrinking-swelling clays that can lead to foundation distress if precautions are not taken during design and construction

Potential Asbestos Containing Soils

Soils mapped over bedrock that may contain natural asbestos. Safety precautions must be taken during construction. Asbestos identification in map grid 49-3 may be incomplete: asbestos bedrock may be present in parcels bordering areas of mapped asbestos soil. For asbestos soils in Fairfax City, please contact the City of Fairfax. Orange soils, which overlie a majority of this geology, also contain shrinking-swelling clays which can cause foundation distress.

Landfill **Quarry**

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Loudoun County

Montgomery County

Prince William County

Prince Georges County

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SOILS MAP

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