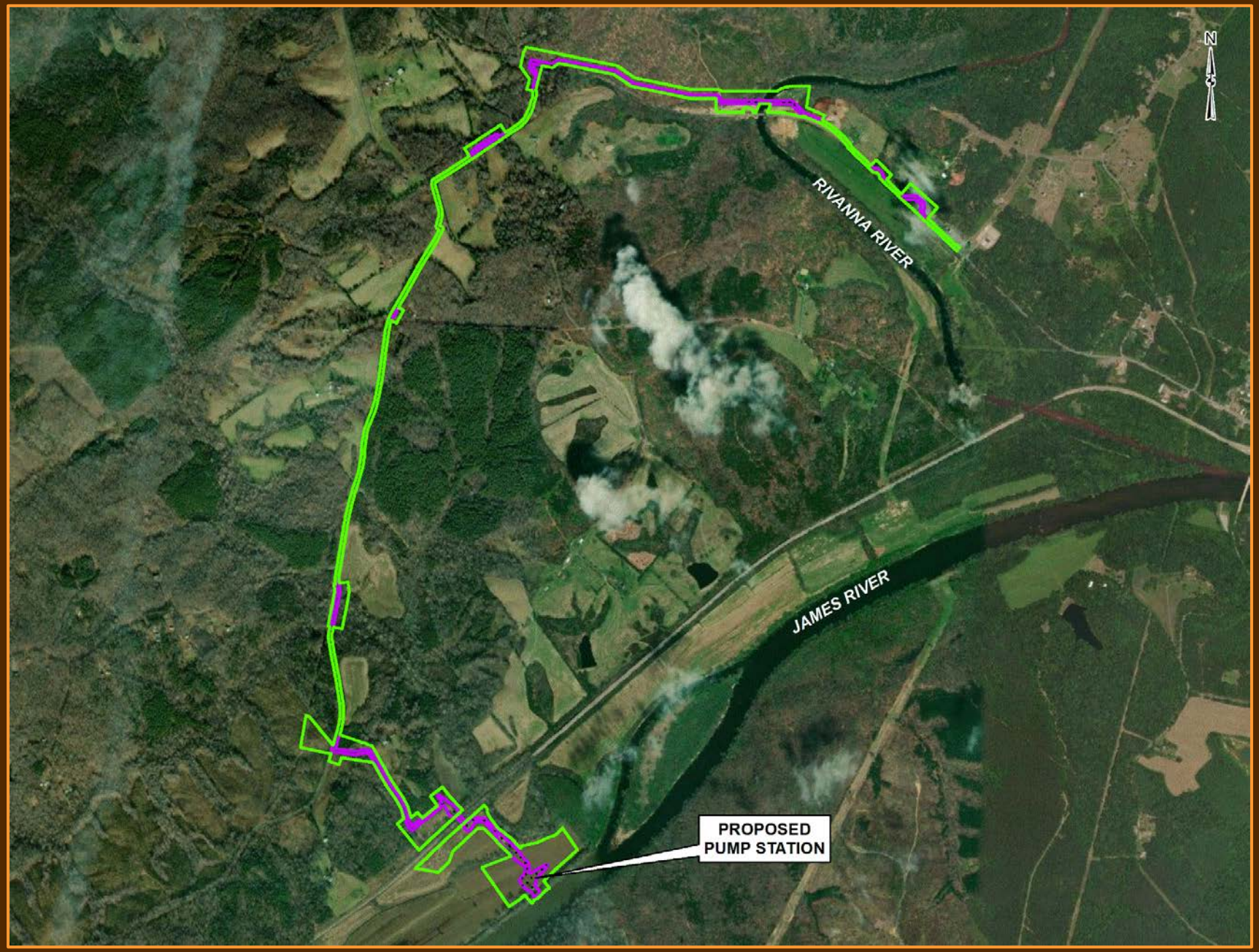
JAMES RIVER WATER SUPPLY PROJECT

ALTERNATIVE 1C

SUMMARY OF CULTURAL RESOURCES SURVEY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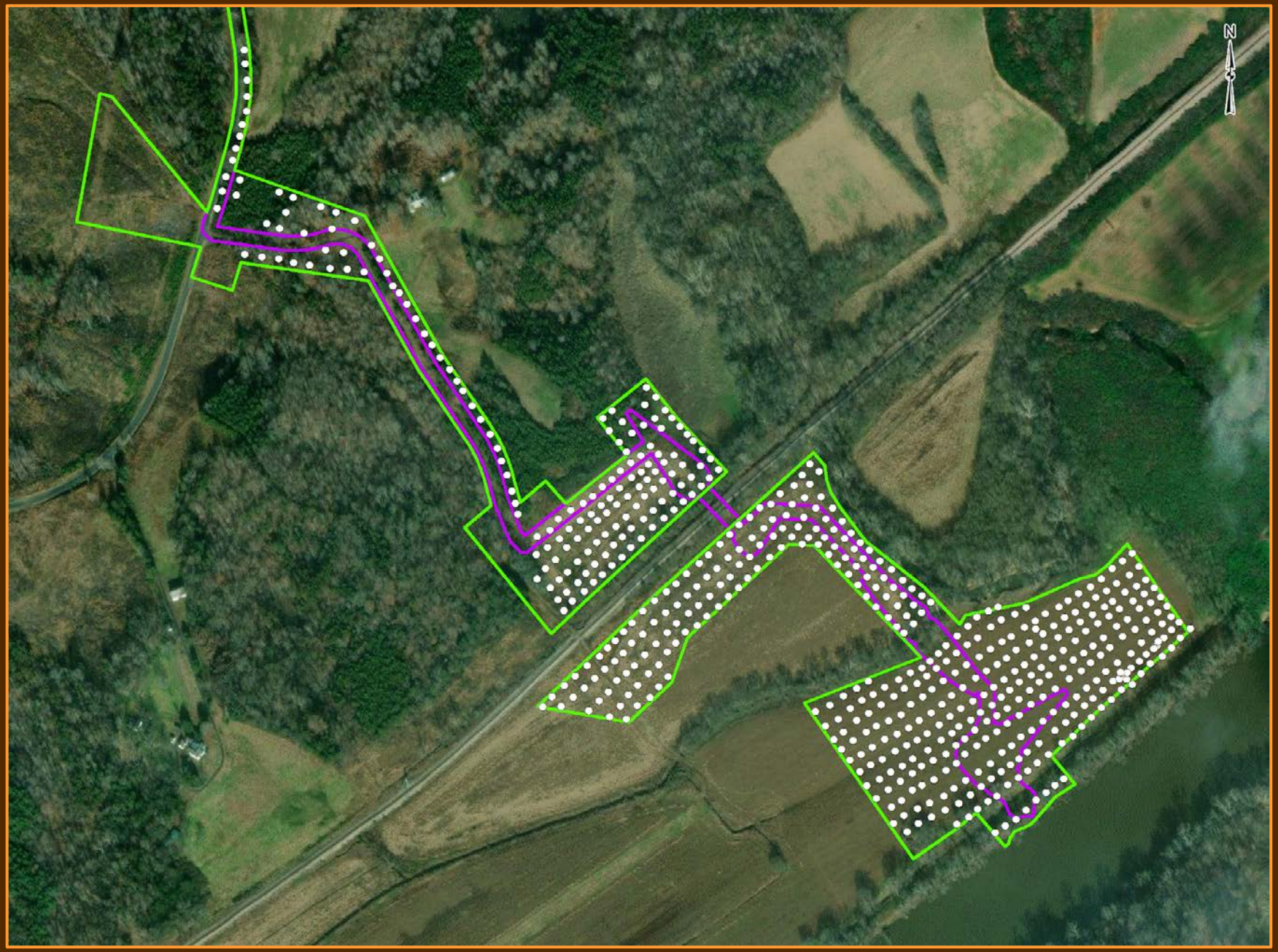
RIVANNA RIVER
JAMES RIVER
PROPOSED
PUMP STATION

ARCHEOLOGICAL SURVEY

- Formal System of Sampling Established by State Guidelines to Interpret Archaeological Resources
- Background Research and Developed Sampling Plan
  - ✓ Consulted with Monacan Nation Representatives
  - ✓ Consulted with VA Department of Historic Resources (VDHR)
- Conducted Shovel Testing and Deep Core Sampling
- Summary Report of Results and Developed Trenching Plan
  - ✓ Investigates Deposits Deeper than Shovel Testing
  - ✓ Consulted with Monacan and VDHR
- Conducted Mechanical Trenching
  - ✓ Supervised and Documented by Geoarchaeologist
  - ✓ Invited Monacan and VDHR to Observe Fieldwork
- Produced Phase I Report
  - ✓ Discusses Artifact and Soil Analyses; Interprets Results
  - ✓ Presents Recommendations for Further Study (where needed)

OVER 1,200 SHOVEL TESTS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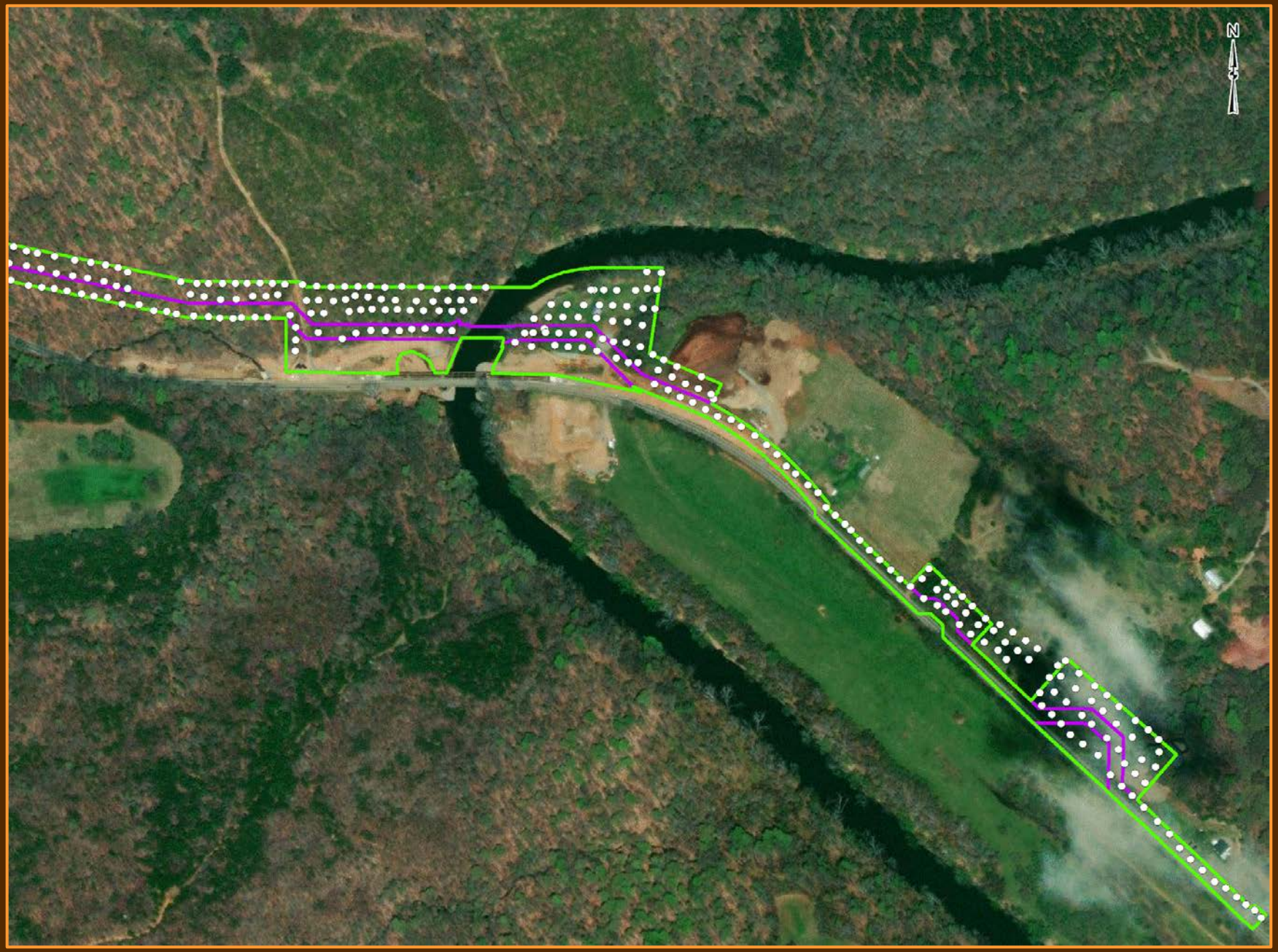
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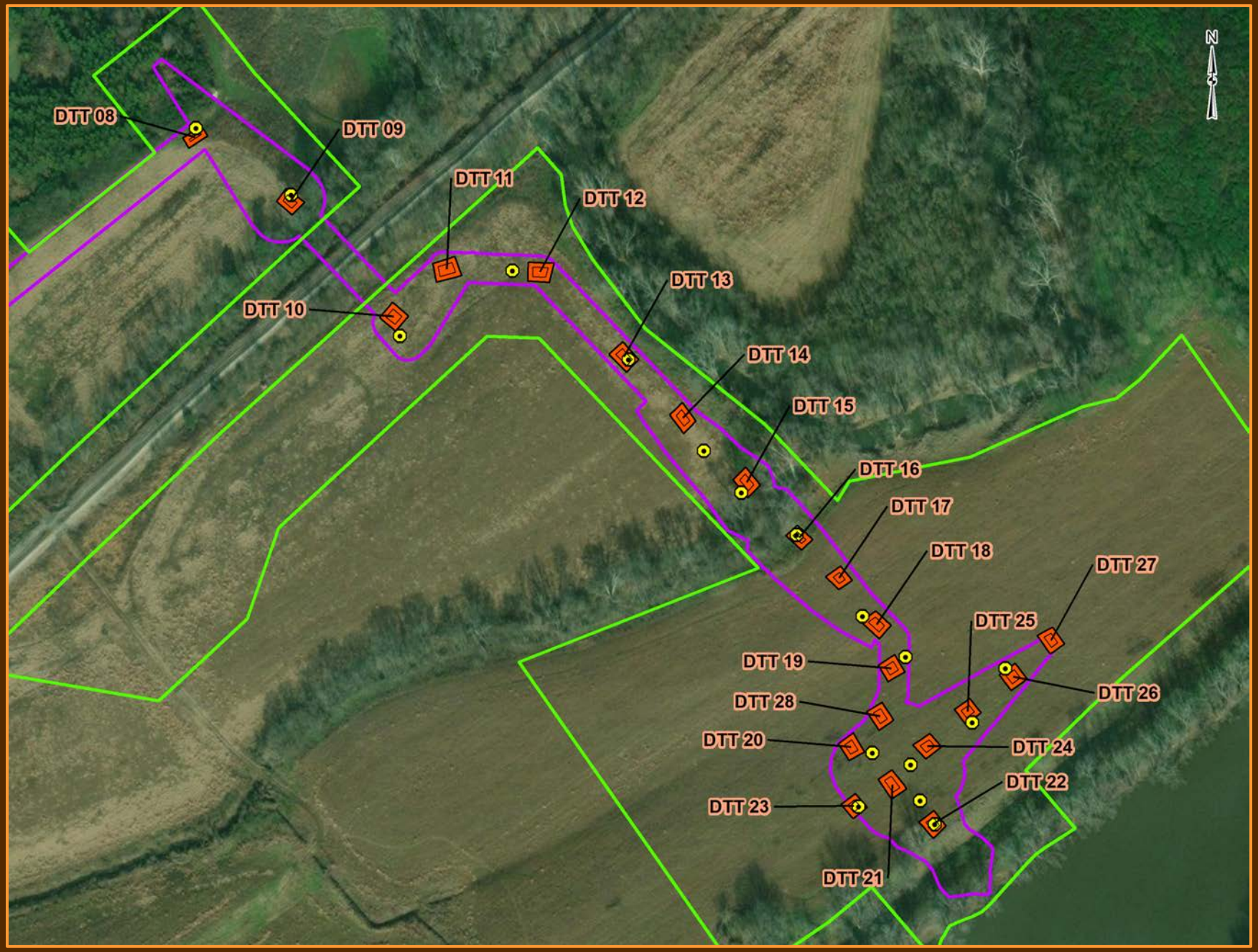
24 DEEP SOIL CORES
(6 to 26 feet deep)

(stock photo; not current project)

(stock photo; not current project)

26 TRENCHES
(4 to 12 feet deep)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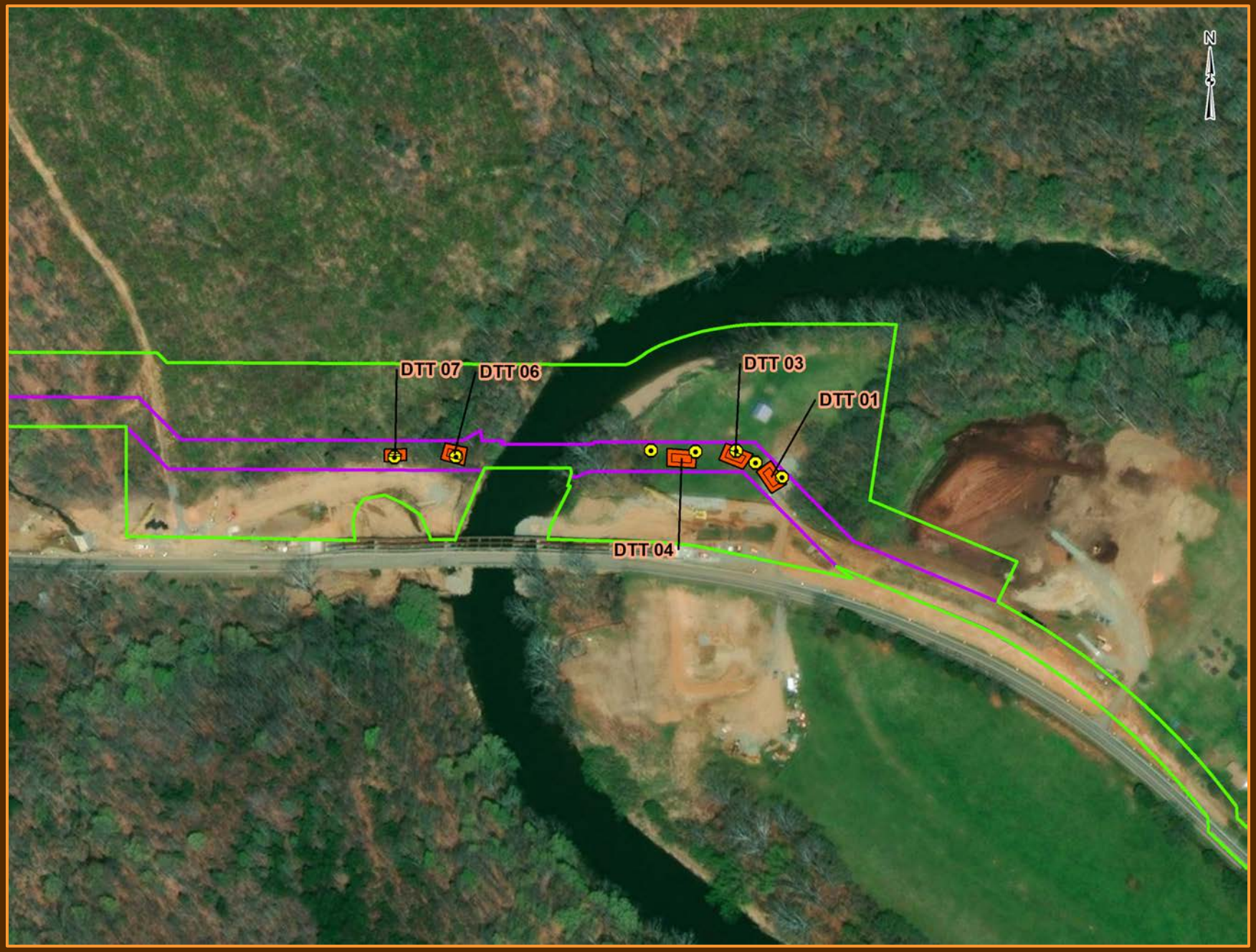
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ARCHITECTURE SURVEY

- Following Guidelines Established by VDHR
- Background Research
  - ✓ Historical Development of the Area
  - ✓ Previously Recorded Resources in State and Federal Records
- Conducted Survey Within a Defined Buffer
  - ✓ Considered Possible Impacts, both Physical and Visual
- Results Included in Combined Phase I Report
  - ✓ Describes Previously Recorded and Newly Recorded Resources
  - ✓ Presents Recommendations Whether Each Resource is Eligible for Listing in the National Register of Historic Places (NRHP)
  - ✓ Discusses Possible Impacts and Effects to Resources Eligible for the NRHP

NEXT STEPS

- Phase I Technical Report Review
  - Recommendations for Additional Study (Phase II Archaeology) in Select Areas
  - Recommendations Regarding Possible Visual Impacts to Historic Architectural Resources
  - Provide Copies to VDHR and Monacan

If JRWA Board Authorizes Permit Application for Alternative 1C

- Begin Formal Section 106 Consultation with US Army Corps of Engineers, VDHR, Monacan, and Others
- Develop Detailed Phase II Archaeology Testing Plan
- Conduct Phase II Excavations
  - Sample Larger Areas of Sites (hand and mechanical excavation)
  - Explore for Cultural Features
  - Evaluate Site Significance
  - Do Any Sites Require Further Study or Can Construction Proceed?