



**STRAUGHAN  
ENVIRONMENTAL  
SERVICES, INC.**

# **Archaeological Identification for Site 46, Algonkin Regional Park Loudon County, Virginia.**

Submitted to:

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**Archaeological Identification for Site 46  
Algonkian Regional Park  
Loudon County, Virginia.**

**Project Location and General Description**

The site is located within Algonkian Regional Park east of Fairway Drive in Sterling, Virginia. Site 46 is 10,890 square feet (0.25 acres) and is bounded by forested land to the west, north and east, and a gravel hiking trail to the south (see Figure 2). The site is owned by the Northern Virginia Regional Park Authority.

Site 46 slopes very gently down to the north. Recent growth covers what likely was part of a cultivated field. Stormwater, largely from the south, has washed the surface, removing sediment and exposing tree roots (Figure 1 through 3).

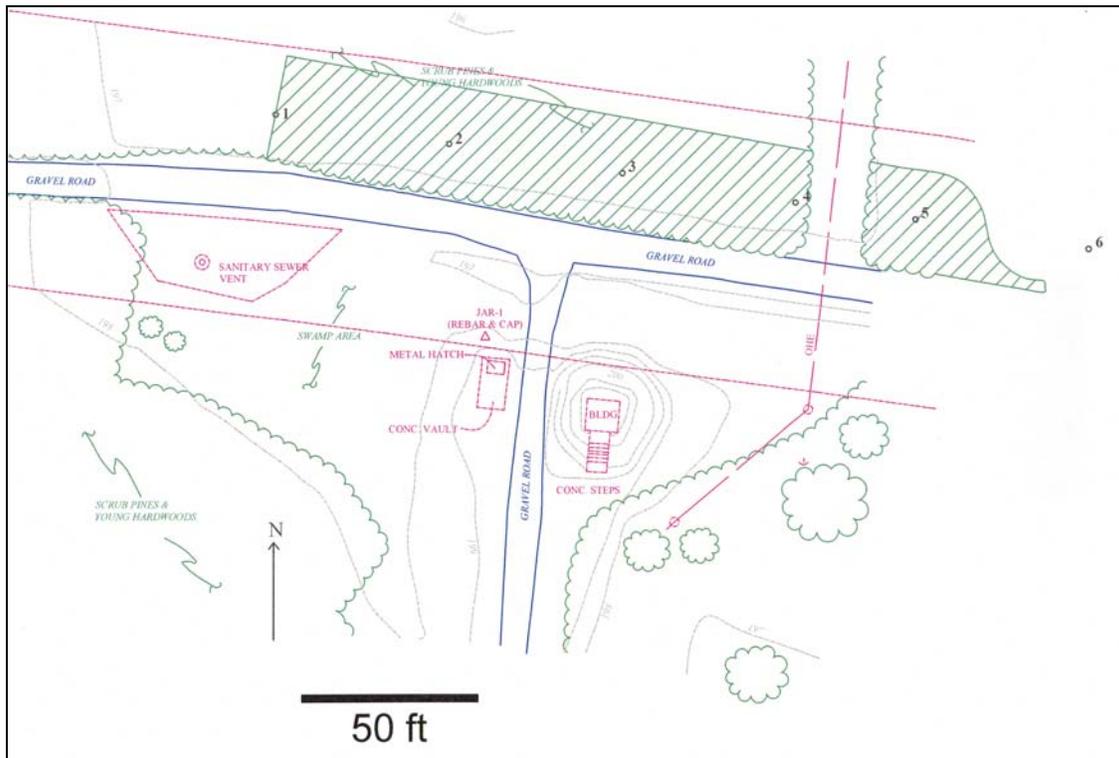


Figure 1. Site 46 map and shovel tests 1 through 6.



Figure 2. Site 46, looking southwest.



Figure 3. Site 46, washed surface and exposed tree roots.

At Site 46, six shovel test pits were dug (Figure 4, Table 1). Stratum 1 ranged from 0.3 ft to 1.0 ft in thickness. The soils in Stratum 1 were 10YR4/3 silty loam and silty clay; 10YR5/4 and 7.5YR4/6 silty clay loam; and 5YR4/3 clay loam. Stratum 2 ranged from 1.0 ft to 1.4 ft below grade. The soils were: 10YR5/3 silty clay loam; 7.5YR4/4 silty clay; and 5YR7/1 and 10YR5/4 clay. Stratum 3 appeared in STPs 2 and 3 only and went from 1.3 ft to 1.4 ft below grade. The soil was 10YR5/6 clay and 7.5YR7/3 silty clay. In all six of the STPs the soil of Stratum 2 and 3 were redox, suggesting poor drainage. No cultural material was found.

Table 1. Shovel test and soils inventory.

Site	STP	Stratum	Depth	Soil Color	Soil Texture
46	1	1	1	10YR4/3	Silty loam
46	1	2	1.4	10YR5/4	Silty loam redox
46	2	1	0.7	10YR5/4	Silty clay loam
46	2	2	1.05	10YR5/3	Silty clay loam
46	2	3	1.3	10YR5/6	Clay redox
46	3	1	0.3	7.5YR4/6	Silty clay loam
46	3	2	1	7.5YR4/4	Silty clay redox
46	3	3	1.4	7.5YR7/3	Silty clay redox
46	4	1	1	5YR4/3	Clay loam
46	4	2	1.4	5YR7/1	Clay redox
46	5	1	1	5YR4/3	Clay loam
46	5	2	1.4	5YR7/1	Clay redox
46	6	1	0.5	10YR4/3	Silty clay
46	6	2	1.15	10YR5/4	Clay redox

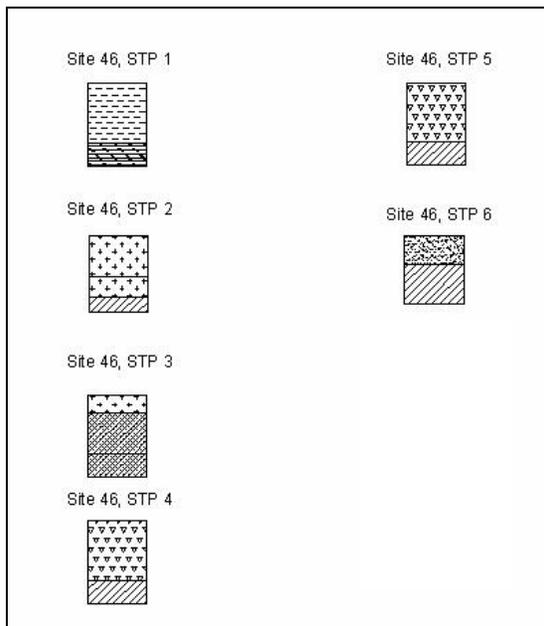


Figure 4. Shovel test soil profiles for Site 46

### Conclusion

Proposed construction at Site 46 will have no adverse effect on historically significant cultural resources. Based on the lack of historical cultural resources at this site a more comprehensive Phase I archaeological investigation was not necessary.