

Dan Albrecht

From: Chad McGann <chad@watershedca.com>
Sent: Tuesday, September 19, 2023 9:11 AM
To: Dan Albrecht
Cc: Andres Torizzo
Subject: Falls Road Trail Gully ARA Consultant
Attachments: image001.png; CrownConsulting_Georgia Falls Road ARA coverletter.pdf; CrownConsulting_Georgia Falls Road ARA sow.pdf

Hi Dan,

Hope you are well. The timeline for ARA proposals has closed, and we only ended up getting one consultant: Charles Knight with Crown Consulting Archaeology, out of Winooski. I have attached his materials to this email: he is requesting \$2001 for the ARA. We were hoping to secure an additional \$750 for administrative oversight of the consultant. Let us know your thoughts.

Best,
Chad

Chad McGann

GIS Technician



Watershed Consulting
Stormwater Management | Water Quality | Green Infrastructure

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PO Box 358
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September 7, 2023

Chad McGann
Watershed Consulting
208 Flynn Avenue, Suite 2H
Burlington, VT 05401

RE: Archaeological Resources Assessment for the proposed Georgia Falls Road Trail Gully Restoration Project, Georgia, Chittenden County, Vermont

Dear Chad,

Attached, please find a scope-of-work and budget for an Archaeological Resources Assessment (ARA) for the proposed Georgia Falls Road Trail Gully Restoration Project, Georgia, Chittenden County, Vermont.

I will be able to conduct this work after receiving authorization from Watershed Consulting. An email stating the authorization to proceed for the named project will suffice to begin the ARA study. Invoicing for the outstanding balance of the ARA will be sent out immediately after the ARA report has been sent to Watershed Consulting.

Thank you for your interest in working with us on this project. Please feel free to contact me if you have any questions.

Sincerely,



Charles Knight, Ph.D.
Principal Investigator

(802) 734-6709
crownconsultingvt@gmail.com

Scope of Work
Archaeological Resources Assessment for the proposed Georgia Falls Road Trail
Gully Restoration Project, Georgia, Chittenden County, Vermont

Submitted to:

Chad McGann
Watershed Consulting
208 Flynn Avenue, Suite 2H
Burlington, VT 05401

Submitted by:

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50 Main Street
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Scope of Work

Archaeological Resources Assessment for the proposed Georgia Falls Road Trail Gully Restoration Project, Georgia, Chittenden County, Vermont

Goal and Scope of Service

The goal of this Archaeological Resources Assessment (ARA) is to identify whether the Area of Potential effect (APE) of the proposed project is archaeological sensitive; identify the presence/absence of archaeological sites; research the historic and pre-Contact era contexts of the project area; determine the degree of past disturbances, if any; identify archaeological concerns as part of the planning process; produce pertinent maps; and determine whether additional archaeological study is required for the project to proceed.

This study will be performed to satisfy permitting requirements under Section 248a permitting process for the proposed Falls Road Trail Gully Restoration Project in Georgia, Chittenden County, Vermont (Figure 1). The Chittenden County Regional Planning Commission (CCRPC) and the Town of Georgia, with assistance from Watershed Consulting, propose to conduct a stormwater restoration project on the Falls Road Trail Gully, in Georgia, Vermont (Figure 2). Falls Road Trail was previously a town-maintained road and has been converted into a trail. There are no existing culverts or other stormwater infrastructure within the APE and the trail has become sunken below the surrounding ground level in many areas. Due to this, unmanaged stormwater runoff from a section of Falls Rd Trail has been flowing in a concentrated manner, forming a gully on the northern side of Falls Rd Trail prior to discharging into the Mill River. As a result, the proposed project will mitigate the stormwater runoff and gully restoration. An ARA is requested as part of the Section 106 permitting process.

Historic era maps of the project area will be used to assess potential historic archaeological resources in the area, at a general level. The files of the state archaeological site inventory and the Vermont historic sites and structures inventory at the VDHP, will be reviewed to determine if any archaeological sites are already recorded within the project's Area of Potential Effects (APE). The State and National Registers of Historic Places will be reviewed to determine whether or not any properties within, or adjacent to the project area have been listed. Information on the Town's history will be used if it provides insight into the archaeological sensitivity of the project's APE. Project maps provided by Watershed Consulting, and other appropriate maps will be used to record the approximate locations of historic sites and/or archaeologically sensitive areas that can be identified from these sources.

The state archaeological site files, archaeological reports and other documentation will be used to identify the locations of previously identified historic sites and pre-Contact Native American sites that lie in close proximity to the project area. A field inspection of the project's APE, as defined, will be undertaken to identify those areas that have a high sensitivity for containing as yet unrecorded historic and prehistoric sites. The criteria contained in the VDHP's "Environmental Predictive Model

for Locating Archaeological Sites" will be used to establish general sensitivity for prehistoric sites. Project maps will be used to identify known sites and potential prehistoric site areas that might be affected by the proposed project.

Results from both the state records search and review, and field inspection will be presented in the ARA report. All sensitive areas will be mapped with a Global Positioning System (GPS) and mapped into shapefiles layers to be used in a Geographic Information System (GIS) format. The ARA and any additional, required documentation will be submitted to the VDHP by Crown Consulting Archaeology as part of the project review process, unless otherwise instructed by Watershed Consulting. If the report concludes that the study area is not archaeologically sensitive, it may provide sufficient back up documentation for completion of permit applications. If archaeologically sensitive areas are identified, recommendations for further study will be made to determine the significance of deposits in the project area.

Staffing

Dr. Charles Knight, Principal Investigator for Crown Consulting Archaeology, will be the primary consultant to Watershed Consulting. He will be responsible for assessing the general prehistoric and historic archaeological potential of the project area, undertake the review of historic maps and site files, and will conduct the field inspection. He will prepare the ARA report.

Time Estimates

The ARA requires background research and a field visit to produce sufficient information to gauge the general archaeological sensitivity of the project area. A budget estimate to cover associated staffing, travel and other expenses is attached. It is anticipated that the ARA will be completed after Watershed Consulting authorizes the work. If the proposed project plans change in any way that requires a different configuration or size of the project's APE, then additional field visits and write-up time may be required. Any additional time resulting from changes to the proposed project may require a supplemental budget. The ARA can be accomplished in the fall of 2023.

Charles Knight, Ph.D.
Principal Investigator

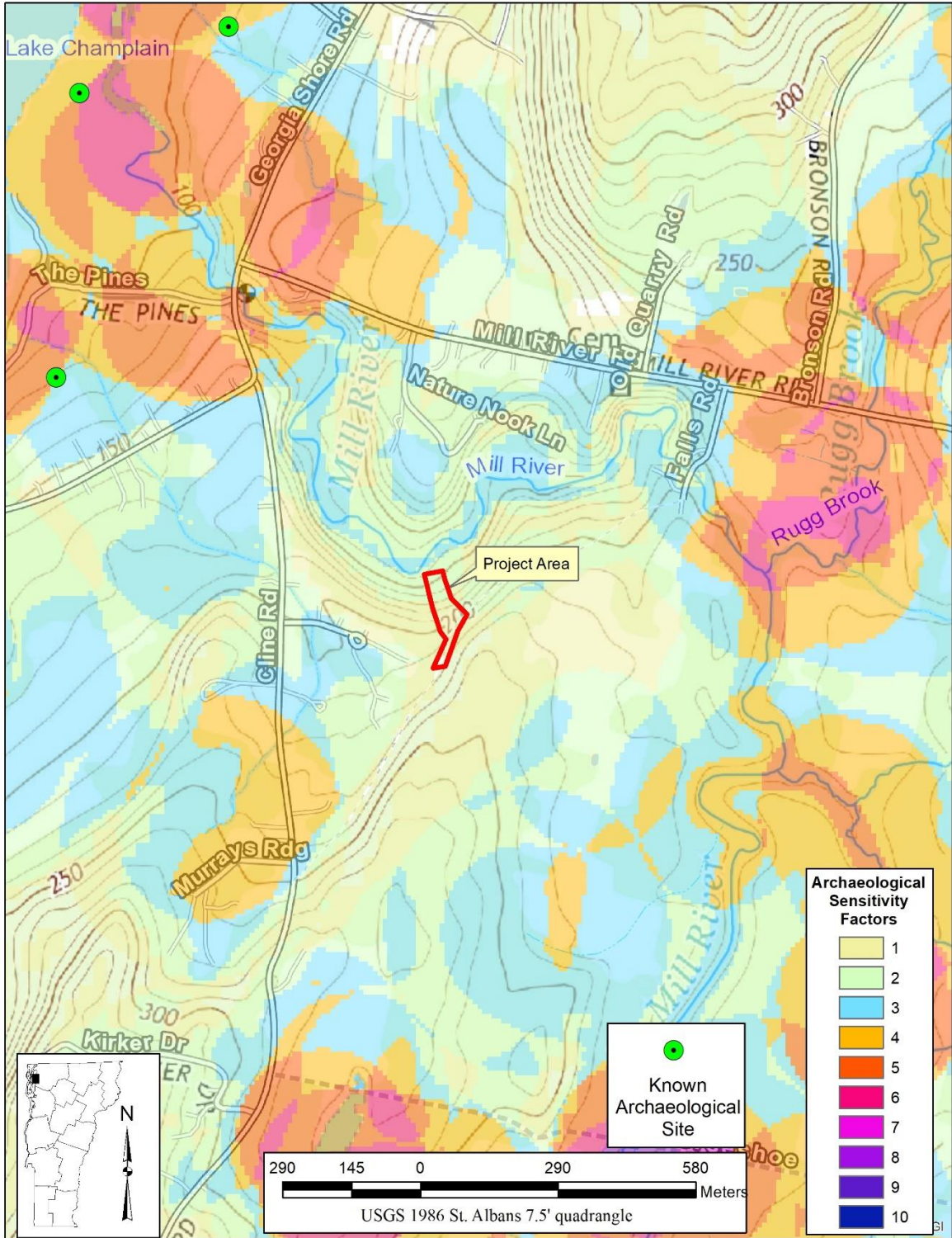


Figure 1. Map showing the location of the proposed Georgia Falls Road Trail Gully Restoration Project, in relation to known archaeological sites and archaeological sensitivity factors, Georgia, Chittenden County, Vermont.



Figure 2. Detailed map showing the limits of the proposed Georgia Falls Road Trail Gully Restoration Project, Georgia, Chittenden County, Vermont.

**ARA for the Georgia Falls Road Trail Gully Restoration Project,
Georgia, Chittenden County, VT**
Budget Worksheet

	<u>Number</u>	<u>Hours</u>	<u>Rate/Hour</u>	<u>Cost</u>
<i>Project Administration</i>				
Principal Investigator	1	1	130.00	130.00
<i>Background Research</i>				
Principal Investigator	1	1	130.00	130.00
<i>Field Work</i>				
Principal Investigator	1	6	130.00	780.00
<i>Drafting, Report Writing, Production</i>				
Principal Investigator	1	7	130.00	910.00
Subtotal				1,950.00
Non-Salaried Expenses				
Mileage (0.655/mile)			<u>miles</u> 40.00	26.00
Report production and distribution				25.00
Total				2,001.00
Project Total				2,001.00