

**Stage 1, 2 and 3 Archaeological Assessments
Phase II Environmental Site Assessment
55 Baker Street and
152 & 160 Wyndham Street North
City of Guelph
Historic Town of Guelph
Geographic Township of Guelph
Wellington County, Ontario**

Prepared for
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Licensed under
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MHSTCI Licence #P007
PIF #P007-1026-2019 (Stage 1–2)
and #P007-1033-2019 (Stage 3)
ARA File #2019-0105

04/02/2020

Supplementary Documentation

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1.0 SUPPLEMENTARY DOCUMENTATION

1.1 Detailed Site Location Information

In keeping with Section 7.6.1 of the 2011 *Standards and Guidelines for Consultant Archaeologists*, detailed site location information was not included within the project report. The location of the Baker Street site (AjHb-71) is presented in SD Map 1, and a detailed view of the assessment results appears in SD Map 2. The GPS co-ordinates for the datum points and previously identified site extent appear in SD Table 1. These data should be excluded from the Ontario Public Register of Archaeological Reports.

SD Table 1: GPS Coordinates

Point Location	UTM Zone	Easting (m)	Northing (m)
D1	17	560,502	4,821,786
D2 (Backsight)	17	560,533	4,821,769
Centre	17	560,471	4,821,832
North	17	560,415	4,821,950
East	17	560,559	4,821,745
South	17	560,465	4,821,725
West	17	560,442	4,821,829

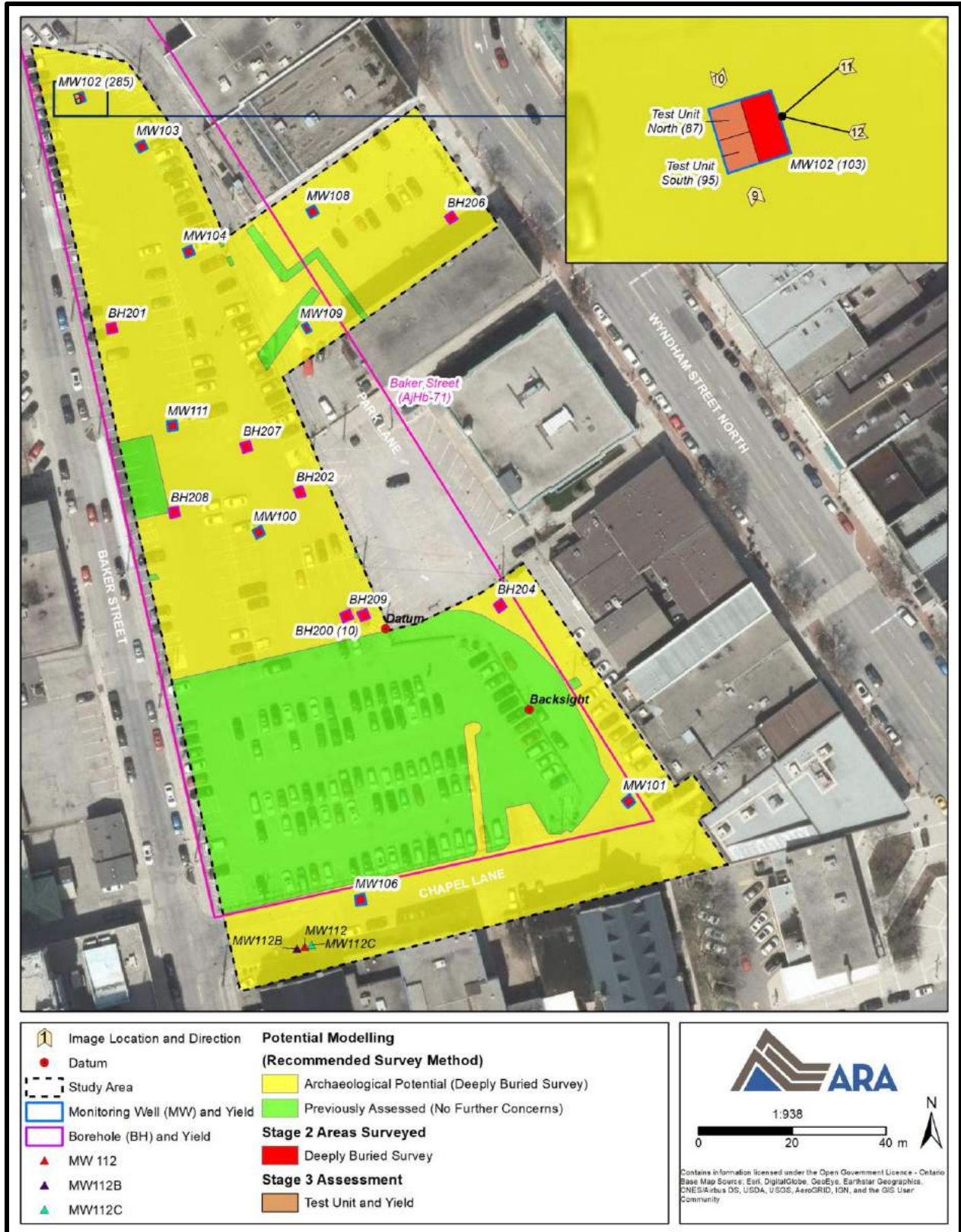
1.2 Technical Advice

An archaeological workplan was created with partnership of the City of Guelph and approved by the Ministry of Heritage, Sport, Tourism and Culture Industries (MHSTCI) for the subject project. A subsequent request for advice was sent regarding necessary daylighting activities. The associated correspondence is presented in SD Appendix A–SD Appendix B.

2.0 SD MAPS



SD Map 1: Features of Potential with Site Information
(Produced under licence using ArcGIS® software by Esri, © Esri)



SD Map 2: Field Methods
(Produced under licence using ArcGIS® software by Esri, © Esri)

SD APPENDICES

SD Appendix A: MHSTCI Correspondence (02/07/2019–04/07/2019)

Lena Zepf

From: mmccready@arch-research.com
Sent: July 4, 2019 5:04 PM
To: 'Roe, Sarah (MTCS)'
Cc: 'Archaeology (MTCS)'; 'Paul Racher'; cjgohm@arch-research.com; 'Prowse, Shari (MTCS)'
Subject: RE: Baker Street Investigations Workplan

Hi Sarah!

Thanks for the response, I will certainly keep your suggestions in mind. Switching to fine mesh if we start seeing any indications of human material is certainly something we have considered as well.

Just to update you as well, we got a call from the City on Tuesday afternoon that Guelph Hydro wanted to get onsite to prep for some pole replacement work this week. We were able to get in touch with Hydro and they agreed to use the workplan we had developed with the City (excavating and assessing large enough areas wherever they need to do ground disturbance prior to any construction). I have been onsite yesterday and today, and we have completed 3 locations so far with no indication of any archaeological materials or human remains.

I will make sure to keep yourself and Shari apprised of any developments with this project as it moves ahead.

(also, Congratulations!)

Cheers,
Mike

Mike McCready, M.Sc.
Project Manager
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From: Roe, Sarah (MTCS) <Sarah.Roe@ontario.ca>
Sent: Thursday, July 4, 2019 4:42 PM
To: mmccready@arch-research.com
Cc: Archaeology (MTCS) <archaeology@ontario.ca>; 'Paul Racher' <pracher@arch-research.com>; cjgohm@arch-research.com; Prowse, Shari (MTCS) <Shari.Prowse@ontario.ca>
Subject: RE: Baker Street Investigations Workplan

Hi Mike,

Thank you for sending along the work plan.

Your plan is sound – a few things come to mind:

- keeping open to the possibility of using 3mm mesh if there is potential for small skeletal fragments (recognizing this may not be necessary nor feasible based on the nature of the fill)
- moving from screening a portion of the fill layer to routinely screening all the fill if skeletal fragments are found in the fill of any of the first boreholes

You will know more when you are on site and start the work – my suggestions might not be necessary. I am being cautious imagining there may be remains that have been previously impacted/disturbed and out of their original context.

As well my sense on speaking with City of Guelph initially was that they were not anticipating or expecting to come across any human remains (this was before they had retained your services) but it sounds like they are better informed now and prepared for the project.

Keep me updated and let me know if anything comes up.

I am copying Shari Prowse on this email as she will take over the cemetery & human remains file when I start maternity leave some time in September.

FYI I telework Wednesdays and Fridays, so I don't have access to my landline on those two days. However I am readily available by email.

All the best,
Sarah

Sarah Roe

Archaeology Review Officer and Marine Licensing Program
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sarah.roe@ontario.ca

From: mmccready@arch-research.com <mmccready@arch-research.com>

Sent: July 2, 2019 4:37 PM

To: Roe, Sarah (MTCS) <Sarah.Roe@ontario.ca>

Cc: Archaeology (MTCS) <archaeology@ontario.ca>; 'Paul Racher' <pracher@arch-research.com>; cjgothm@arch-research.com

Subject: Baker Street Investigations Workplan

Hi Sarah,

Just to follow up on the call for the kick-off meeting last week, I thought it would be best to send you a copy of our workplan for this project. As the goal currently is to work in advance of specific targeted locations for environmental boreholes, we have provided the following steps to the City as our proposed course of action.

In order to confirm that there are no internments within the areas of the Public Burying Ground considered for borehole analysis, the scope of work for the project will include a multi-step strategy. The multi-step approach will adhere to the following sequence: 1) cutting approximately a 2 m x 2 m area of asphalt overtop the proposed borehole location, 2) visually inspecting the horizon between asphalt and fill for archaeological materials and/or human remains, 3) using a mechanical excavator with an articulated wrist and a straight-bladed bucket to remove the top fill layer until natural soils are discerned, 4) screening a portion of the fill layer through mesh with an aperture of no greater than 6 mm and examining the soils for archaeological materials and/or human remains, 5) documenting the stratigraphy and depth of

the surficial fill layers (estimated to be between 50-70 cm in depth) and 6) visually inspecting the horizon between fill and natural soils for archaeological materials, human remains or grave shafts.

If archaeological materials are discovered during construction monitoring, the excavated fill from the 2 m x 2 m areas will be screened, all artifacts will be retained and subject to detailed laboratory analyses. Following analysis, a recommendation will be made as to the level of CHVI of the site.

If human remains are encountered during these investigations, work must stop and the City Police, Jacobs, the Registrar (MGCS) and the MTCS must be contacted. Once the appropriate notifications have been made, it is assumed that ARA will be required to screen all removed fill from the associated area and retain all collected remains for osteological analysis. ARA will coordinate with the City and Jacobs to reinter the human remains with those from the 2006, 2010 and 2016 remains in accordance with the previously established protocols between the City and the Woodlawn Memorial Park Cemetery. It is assumed that this will involve multiple coordination meetings, packaging and transport of the remains in approved containers, and formal transfer of the remains to the Woodlawn Memorial Park Cemetery.

At this point, it is the City's preference that if remains (archaeological or human) are encountered at one location that the initial assessment can proceed at the remaining locations to determine how many are affected by the presence of archaeological material and/or human remains. This would allow for better project planning going forward to avoid areas that may contain either partial or complete graves and/or archaeological sites. Any borehole locations that are determined to contain archaeological material or human remains would be prohibited from further work until the appropriate mitigation steps have been taken. In regards to the human remains, as you may have picked up from the meeting, we have already begun consultation with the Police so that they are aware of the project and will be reaching out to Dr. Kathy Gruspier as well before work starts on assessing the borehole locations.

If you can review this strategy and let me know if you have any questions or comments that would be greatly appreciated.

Thanks,
Mike

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SD Appendix B: MHSTCI Correspondence (04/12/2019–13/12/2019)

Lena Zepf

From: Prowse, Shari (MHSTCI) <Shari.Prowse@ontario.ca>
Sent: December 13, 2019 12:35 PM
To: 'Mike McCready'
Cc: Archaeology (MHSTCI); paul.racher@arch-research.com; cjgohm@arch-research.com; Marr, Jessica (MHSTCI)
Subject: Monitoring work adjacent to Baker Street Burial Ground FW: Request for Technical Advice: Baker Street, Guelph (P007-1026-2019, P007-1033-2019)
Attachments: RE: Baker Street Investigations Workplan (20.1 KB); RTA Dec 04 2019.pdf; Chapel MW.pdf; Baker Street FIP 1881.pdf; MW106_Profile.pdf

Hi Mike,

Sorry about the delay in getting back to you. We support the propose approach as follows:

With both the safety concern, and the very small likelihood of interments being present in this area, combined with the high level of disturbance that would have occurred during the utility installation, ARA feels that there would be little utility in conducting excavations here prior to the environmental work. Instead, ARA would like to propose monitoring of the hydrovac daylighting and drilling of the well to ensure that if anything does happen to be identified during this work it is dealt with properly.

If you have any questions or concerns please do not hesitate to get back to me.

Please ensure the police and coroner are contacted regarding any discovery of human remains.

As a standard part of all advice provided to licensees, please note that this advice has been provided by this ministry under the assumption that the information submitted by the licensed archaeologist is complete and accurate. The advice provided applies only to the project in question and is not to be used as a precedent for future projects. Further measures may need to be taken in the event that additional artifacts or archaeological sites are identified or if the information provided by the licensed archaeologist is otherwise found to be inaccurate, incomplete, misleading, or fraudulent.'

Please include a PDF copy of this advice as supplementary documentation to your project report package.

Shari Prowse, MA
Archaeology Review Officer
Tel/Mobile: (519) 671-7742



Please note that I telework every Wednesday and Friday.

From: Archaeology (MHSTCI) <archaeology@ontario.ca>
Sent: December 5, 2019 10:24 AM

To: Prowse, Shari (MHSTCI) <Shari.Prowse@ontario.ca>
Subject: FW: Request for Technical Advice: Baker Street, Guelph (P007-1026-2019, P007-1033-2019)

From: mmccready@arch-research.com <mmccready@arch-research.com>
Sent: December 4, 2019 4:15 PM
To: Archaeology (MHSTCI) <archaeology@ontario.ca>
Cc: 'Paul Racher, ARA' <pracher@arch-research.com>; 'cjgohm' <cjgohm@arch-research.com>
Subject: Request for Technical Advice: Baker Street, Guelph (P007-1026-2019, P007-1033-2019)

CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.

Dear MHSTCI,

Under P007-1026-2019 and P007-1033-2019 ARA has been working with Jacobs and the City of Guelph on targeted archaeological assessments in advance of environmental assessments at the Baker Street parking lot in Guelph, located at the intersection of Baker Street and Chapel Lane. As was discussed in the attached email chain, the assessments have consisted of monitored mechanical soil removal of 2x2m areas for each environmental assessment location and to date we have not encountered any evidence of human remains or intact interments present.

Jacobs is proposing to conduct an additional monitoring well location, located at the intersection of Baker Street and Chapel Lane (See attached map) in order to provide additional results for the EA process. While preparing for this location, several major utilities were identified in the work area including gas mains and the water main. Attached is a PDF showing the identified utilities in relation to the work area and the proposed locations of the monitoring well and a daylighting location to ensure that the drilling rig is not impacting any utilities. The daylight would most likely be excavated using a hydrovac as the safest alternative in this situation. Using mechanical excavation in such close proximity to major underground infrastructure poses a significant safety concern, especially given the size of the area that would be required to access a sufficient depth with the excavator. In addition, based on the results of the excavation for MW106 (location shown on the attached map, image attached of the profile of this area) underneath the road is a series of layers of disturbance from the road construction above natural, sterile subsoil. Finally, Chapel Lane itself is contemporaneous to the use of Baker Street as a cemetery. Attached is an 1881 FIP showing both the former (at that time) cemetery area and Chapel Lane.

With both the safety concern, and the very small likelihood of interments being present in this area, combined with the high level of disturbance that would have occurred during the utility installation, ARA feels that there would be little utility in conducting excavations here prior to the environmental work. Instead, ARA would like to propose monitoring of the hydrovac daylighting and drilling of the well to ensure that if anything does happen to be identified during this work it is dealt with properly. Would the MHSTCI support this alternative approach?

Please let us know if you have any concerns or would like any additional information.

Cheers,
Mike

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