

Education

*M.A. Mortuary Archaeology,
University of Alberta,
Edmonton, Alberta, 2004*

*B.A. Anthropology and
Archaeology, Memorial
University of
Newfoundland, St. John's,
Newfoundland, 2001*

Certifications

*Professionally Licensed
Archaeologist, Ontario*

Professional Affiliations

*Ontario Archaeological
Society*

Golder Associates Ltd. – Ottawa**Career Summary**

Bradley Drouin is a Senior Archaeologist with over 22 years of archaeological consulting experience currently working out of Golder's Victoria BC Office. Brad has been with Golder with 16 and has worked out of the Ottawa, Edmonton, and London offices; and Melbourne, Australia Office. During this time, Mr. Drouin has acted as Permit holding and Professionally Licensed Archaeologist on over 500 assignments in Alberta and Ontario as well as Project Archaeologist in Australia. Over the last eight years, Brad has been managing the archaeology and cultural components for a number of large scale power projects throughout Ontario, where engagement and participation of Indigenous community members has been key to the success of the project. Engagement and participation w, has taken the form of direct hires of Indigenous community members, hiring of sub-contractors as well as sub-contractors, as well as participation in community requested ceremonies to mark the beginnings of projects

In addition, Bradley is Group Lead for the BC Heritage and Business Support Teams In 2019, Brad took on the role of Operations Manager for Golder's longest running Indigenous joint venture: IMG-Golder corporation located in Inuvik, Northwest Territories.

Employment History***Golder Associates Ltd. – Ottawa, Ontario and Victoria, BC
Archaeologist (2010 to Present)***

Project Manager for large and complex archaeological and cultural heritage projects throughout Ontario. Professionally licensed archaeologist in good standing carrying out Stage 1, 2, 3 and 4 archaeological assessments in Ontario. Operations Manager for IMG-Golder Corporation.

***Golder Associates – Melbourne, Australia
Archaeologist (2009 to 2010)***

Project archaeologist and Cultural Heritage Advisor carrying out Desk Top, Standard and Complex Assessments as well as Cultural Heritage Management Plans within the State of Victoria. Consulted with Registered Aboriginal Parties and Traditional Owner Groups around Melbourne with respect to project goals and outcomes.

***Golder Associates Ltd – Edmonton, Alberta then Ottawa, Ontario
Archaeologist (2006 to 2009)***

Professionally licensed archaeologist carrying out Stage 1, 2 and 3 archaeological assessments in Ontario. Permit holding archaeologist in Alberta, with experience in the Northwest Territories and Nunavut.

**Various Consultancies – Various
Archaeologist (2000 to 2006)**

Completed archaeological assessments through Ontario for a number of different consulting firms specializing in Archaeological Assessments. Primarily served as field technician.

SELECT PROJECT EXPERIENCE: POWER

**Wataynikaneyap
Pikangikum
Distribution Line
Project Stage 1 to 4
Red Lake to Pikangikum**

Task Manager for the Stage 1 and 2 archaeological assessment for the Pikangikum Distribution Line Project, as well as two Stage 3 archaeological assessments. The Stage 2 was passed with minimal revisions, while the Stage 2 and 3 for the Berens Lake Portage Site and the Kirkness Site were granted an expedited review and passed without revisions. The Stage 2 and Stage 3s involved the active participation of at minimum 3 First Nation community members during the various field programs. Additionally, a Stage 4 was completed in advance of the transmission corridor construction. This work involved incredibly tight timelines and working closely with the MHSTCI, the proponent and Indigenous Community Members to ensure adequate mitigation of the site but also to allow construction to proceed prior to freeze-up.

**Wataynikaneyap
Phase 1 Stage 1 and
Stage 2 Archaeological
Assessments, and
Cultural Heritage
Wabigoon to Pickle Lake**

Archaeology Task Manager and Licensee for the Stage 1 and Stage 2 archaeological assessments for Phase 1, and Task Manager for the Cultural Heritage Assessment. The Stage 1 was reviewed and approved by the MHSTCI without revisions. Facilitated a two-day training course for Indigenous Field Technicians for the Stage 2 field program. The Cultural Heritage Assessment report was recently reviewed by the MHSCTI without revisions.

**Wataynikaneyap Phase
2 Project Stage 1 to 3
and Cultural Heritage
North of Pickle Lake and
north of Pikangikum,
Ontario**

Task Manager and Licensed archaeologist for the Stage 1 to 3 archaeological assessment for the Phase 2 Wataynikaneyap Power Project. Stage 1 and 2 assessment reports were completed and reviewed by the MHSCTI and entered into the public registry. Completed large scale Stage 3 assessment at the Berens site, as well as three small Stage 3 assessments at various locations along the alignment. All work involved close collaboration and involvement from the local Indigenous Communities. This work involved incredibly tight timelines and working closely with the MHSTCI, the proponent and Indigenous Community Members to ensure adequate mitigation of the site but also to allow construction to proceed prior to freeze-up.

**Stage 1 Archaeological
Assessment, Bell
Alliant,
Northern Ontario**

Archaeology Lead for the completion of four Stage 1 archaeological assessments as part of an Environmental Assessment for a northern Ontario broad band project. The work involved the completion of the four Stage 1 assessments to MHSCTI *Standards and Guidelines for Consultant Archaeologists*. All four reports have been approved by MHSTCI and entered into the public registry.

<p>Stage 1 and 2 Archaeological Assessment, CLIFFS Mine Site, Northern Ontario</p>	<p>Archaeology Discipline Lead for the completion of Stage 1 and 2 archaeological assessment as part of the CLIFFS Mine Site EA project. The project involved a detailed Stage 1 assessment as well as a Stage 2 of the development footprint. MTCS has reviewed and approved both Stage 1 and 2 reports and have been entered into the public registry.</p>
<p>Stage 1 and 2 Archaeological Assessment, CLIFFS FPF, Sudbury, Ontario</p>	<p>Project Archaeologist and Licensee for the completion of Stage 1 and 2 archaeological assessment as part of the CLIFFS Ferrochrome Production Facility EA project. The project involved a detailed Stage 1 assessment as well as a Stage 2 of the development footprint. MTCS has reviewed and approved both Stage 1 and 2 reports and have been entered into the public registry.</p>
<p>Stage 1 Archaeological Assessment, CLIFFS Aggregate Pit Locations, Northern Ontario</p>	<p>Licensed Archaeologist for the completion of 81 Stage 1 assessments as part of the CLIFFS aggregate pit EA project. The project involved a detailed Stage 1 assessment for over 81 potential pit locations throughout Northern Ontario. MTCS has reviewed and approved all Stage 1 reports for this projects with the reports having been entered into the public registry.</p>
<p>Stage 1 and 2, Highway 639 Culvert Replacement Elliot Lake, Ontario</p>	<p>Project Manager for a combined Stage 1 and 2 archaeological assessment for a proposed culvert replacement on along Highway 639, north of Elliot Lake. Project involved completion of Stage 2 field component on compressed schedule.</p>
<p>Stage 4 Archaeological Assessment, Enbridge Westover Line 10 Replacement Project Ancaster, Ontario</p>	<p>Archaeology Lead and Licensed Archaeologist for the Tract 73 of the Line 10 replacement project Stage 4 mitigation through hand excavation and mechanical topsoil removal. Work involved daily interactions and engagement with Indigenous Community representatives and on-site Monitors. Assisted in the coordination of fieldwork with staff of over 30 individuals over a three-year period. Once complete, this Contact Period Indigenous Site will be one of the largest Stage 4 hand excavations in Ontario's history.</p>
<p>Stage 4 Archaeological Assessment, Grand Renewable Energy Park Haldimand County, Ontario</p>	<p>Project Manager and Licensed Archaeologist for a 150MW 67 Turbine Wind Farm Project in Southwestern, Ontario. The Project involved the Stage 4 excavation of 44 Pre-Contact Indigenous archaeological sites and was completed between August 2012 and the Summer of 2015. The project required the coordination of over 120 office and field staff from nine separate Golder Offices across Ontario as well as coordination of Indigenous Field Monitors from three Nations. It represents one of the single largest Archaeology project completed by Golder to date.</p>
<p>Stage 1, 2, 3 and 4 Archaeological Assessment, Nation Rise Wind Farm Finch Township, Ontario, Canada</p>	<p>Project Manager and Licensed Archaeologist for a 100MW approximately 30 Turbine Wind Farm Project in Eastern Ontario. The Project involved management and execution of a Stage 1 and 2 Archaeological Assessment, Cultural Heritage Assessment, attendance at open houses and consultation with Indigenous communities. This project has also involved the completion of seven Stage 3 archaeological assessments and four Stage 4 mitigations through excavation and mechanical topsoil removal. From the onset of the project, three separate Indigenous Nations provided input and field technicians.</p>

- Stage 1, 2 and 3 Archaeological Assessments, Eastern Fields Wind Farm Project**
Eastern Ontario
Eastern Ontario, Canada
- Project Manager and Licensed Archaeologist for a 30MW approximately 9 Turbine Wind Farm Project in Eastern Ontario. The Project involved management and execution of a Stage 1 and 2 Archaeological Assessment, and consultation with Indigenous communities. This project has also involved the completion of two Stage 3 archaeological assessments. All reports and have been reviewed and approved by the MHSCTI
- Stage 1-2 Archaeological Assessment, North Kent Wind Farm**
Chatham-Kent, Ontario
- Project Manager for a 100 MW Turbine Wind Farm Project north of Chatham, Ontario. The project involved the successful completion of a Stage 1 and 2 archaeological assessment and Cultural Heritage Impact Assessment. Through discussions with the client all culturally significant archaeological sites will be avoided.
- Stage 1-2 Archaeological Assessment, Belle River Wind Farm**
Belle River, Ontario
- Project Manager for a 100 MW Turbine Wind Farm Project in Belle River, Ontario. The project involved the successful completion of a Stage 1 and 2 archaeological assessment and Cultural Heritage Impact Assessment. Through discussions with the client all culturally significant archaeological sites will be avoided.
- Stage 4 Archaeological Assessment, Solar Farm**
Haldimand County,
Ontario
- Project Manager and Licensed Archaeologist for a solar farm Project in South Western Ontario. The Project involved the Stage 4 excavation of six Pre-Contact Aboriginal sites and was completed between November 2012 and August 2013. The project involved close engagement with three interested First Nations groups and ongoing collaboration with the Ministry of Tourism Culture and Sport.
- Stage 1 – 3 Archaeological Assessment**
Haldimand County,
Ontario
- Project Manager and Licensed Archaeologist for a Stage 1 - 3 Point of Interconnect for a combined Wind and Solar farm in Haldimand County Ontario. The project involved the completion of field work and associated reporting under a condensed timeline due to construction schedules and required permitting. The project met the schedule timeline and was successfully cleared by the MTCS.
- Stage 4 Archaeological Assessment, Solar farm**
Frontenac County,
Ontario
- Project Manager and Licensed Archaeologist for a solar farm project situated in Frontenac County, Ontario. The Project involved the Stage 4 excavation of 3 historic Euro-Canadian archaeological sites over a period of two months. The project required the timely production of the preliminary archaeological assessment reports in order to meet construction and permitting timelines. The project was completed successfully.
- Stage 3 Archaeological Assessment, GREP Wind and Solar farm**
Haldimand, County,
Ontario
- Project Manager for a Stage 3 archaeological assessment project in advance of a wind and solar farm project in Haldimand County Ontario. The project involved the excavation and analysis of 54 Stage 3 archaeological sites on the wind lands and 28 archaeological sites on the solar lands. The results of the work and regulatory consultation completed for the Stage 3 assessments was a re-writing of Ministry of Tourism, Culture and Sports guidelines as they specifically relate to wind and solar farm projects.

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- Stage 1 and 2 Archaeological Assessment, TCPL Eastern Mainline Project**, Various Location, Ontario
Provided technical oversight for a large Stage 1 and Stage 2 archaeological assessment. Completed daily quality control and quality assurance reviews of field data and ensured compliance fieldwork and reporting was being completed to MTCS *Standards and Guidelines*.
- Stage 1 and 2 Archaeological Assessment and Cultural Heritage Mega Bridges 2**, Various Locations, Ontario
Project Manager and Field Archaeologist for Stage 1 and 2 and Cultural Heritage Evaluation Reports and Documentation reports. Archaeological component involved completion of Stage 1 and 2 assessments for 5 bridge and culvert replacements. Cultural Heritage Evaluation Reports for 7 Bridges and one Documentation report which included 3D scan of entire bridge.
- Stage 1 Archaeological Assessment, Highway 174-17 Project**, Ottawa, Ontario
Project Archaeologist and Licensee for a large Stage 1 archaeological assessment for the Highway 174-17 Environmental Assessment. Work involved detailed site visits and discussions with various landowners and stakeholder groups. The report has been reviewed by the MTCS and entered into the public registry.
- Stage 3 Archaeological Assessment, Ste. Anne's School** Mattawa, Ontario
Project Manager and Field Supervisor for the investigation of an early to late Nineteenth Century Roman Catholic Cemetery in Mattawa, ON. The project involved consultation with First Nations, Metis, Roman Catholic and various Government agencies. Field component involved investigation of a large area with back-hoe to located intact grave shafts. When shafts were identified, sections of were excavated in order to confirm the presence of human skeletal remains. Once confirmed, the exposed human skeletal elements were documented and photographed re-buried for their long term protection. Project deliverables included an MTCS compliant Stage 3 Archaeological Assessment report as well as documentation to the City of Ottawa Coroner
- Stage 1 and 2 Archaeological Assessment, Hurdman Bridge Rehabilitation**, Ottawa, Ontario
Project Manager and Field Supervisor for a combined Stage 1 and 2 archaeological assessment for the rehabilitation and extension of Hurdman Bridge, Ottawa. Project involved completion of Stage 2 field component on compressed schedule with MTCS clearance obtained on time.
- The Guard House (Building R14), Royal Military College 2011** Kingston, Ontario
Conducted a Stage 3 archaeological assessment for for areas to be impacted by drainage upgrades in the vicinity of the Guard House. The investigation included the hand excavation of 1 x 1 m units in order to determine the extent of historic deposits. The area was recorded through drawings and photography.
- Royal Military College (RMC) of Canada** Kingston, Ontario
Stage 3 Archaeological Assessment of the Barriefield Hill Site at the Royal Military College. The investigation included the hand excavation of 1 x 1 m units to determine the nature of the underlying deposits and the cultural heritage value of any identified archaeological resources.

**Royal Military College
(RMC) of Canada**
Kingston, Ontario

Project Manager and Licensed Archaeologist for A Stage 1 and Stage 2 archaeological assessment of the proposed location of a 70 car parking lot located southeast of Hewett House, west of Verité Avenue, and of the proposed location of streetlights along four road corridors of the college campus

**East Tunnels
Replacement,
Parliamentary Precinct,
Stage 4 Archaeological
Assessment**
Ottawa, Ontario

Mechanical excavations of 20th century fill deposits and hand excavation of early 19th century historic deposits correlating to the early settlement of Ottawa, Ontario.

**Archaeological
Monitoring
Parliament Hill**
Ottawa, Ontario

Licensee and Project Archaeologists for the Victoria Lookout rehabilitation project. The project involved archaeological monitoring during demolition of the retaining wall for the lookout.

**Archaeological
Monitoring
Parliament Hill**
Ottawa, Ontario

Licensee and Project Manager for the Perimeter wall rehabilitation project on Parliament Hill. Monitored the excavation of trenches along the eastern perimeter between piers 1 and 27.

**Archaeological
Monitoring
Parliament Hill**
Ottawa, Ontario

Licensee and Project Manager for two projects for the West Block Courtyard rehabilitation project. Both projects involved monitoring heavy equipment during the removal of material from the West Block Courtyard.

**Old Supreme Court of
Canada, Parliamentary
Precinct**
Ottawa, Ontario

Licensee and Project Manager during re-paving of the RCMP check point location to the west of the West Block. The project involved archaeological monitoring during removal of deposits in the location of the old Supreme Court.

**Archaeological
Monitoring
Parliament Hill**
Ottawa, Ontario

Archaeologist during a Stage 3 investigation in advance of construction and maintenance on the tunnel system between the Confederation and Justice Building. The work involved monitoring of heavy equipment and focused excavations.

Education

PhD Anthropology, McGill University, Montreal, QC, 2015

MA Anthropology, McGill University, Montreal, QC, 2009

BSc Archaeology and Geography, with Great Distinction, University of Lethbridge, Lethbridge, AB, 2007

Certifications

First Aid
2020

Golder Associates Ltd. – Ottawa**Consultant Archaeologist**

Randy Hahn completed his PhD in anthropology at McGill University and has over 7 years of experience as a consultant archaeologist. He has participated in archaeological field investigations throughout Canada as well as internationally in Peru and Israel. Randy's Ontario archaeological experience has primarily been on Indigenous and historical Euro-Canadian sites in northwestern and eastern Ontario where he has experience conducting Stage 1 to 4 archaeological assessments in the role of licensed archaeologist, field supervisor and report writer.

Employment History**WSP Golder – Ottawa**

Archaeologist (2017 to Present)

Licensed professional archaeologist, field supervisor and report writer.

Golder Associates Ltd. – Ottawa

Archaeological Field Technician (2015 to 2017)

Field archaeologist contributing to Stage 1 to 4 archaeological assessments. Contributed to report writing for Stage 1 to 4 archaeology reports.

McGill University – Montreal

Sessional Lecturer (2014 to 2014)

Lecturer for an introductory archaeological course on the archaeology of early cities for the Department of Anthropology. Made significant contributions to the design of the course and was the sole lecturer for the course of 160 students.

McGill University – Montreal

Teaching Assistant (2007 to 2014)

Teaching assistant for many courses taught by McGill University's Anthropology department including Andean Archaeology, Human Evolution, Introduction to Anthropology, Symbolic Anthropology, Archaeology of Early Cities, Medical Anthropology, Evolutionary Anthropology, and the Anthropology of Latin America.

Bison Historical Services – Calgary

Archaeological Field Technician (Summer 2006)

Archaeological field technician for archaeological consulting firm located in Calgary, Alberta. Participated in archaeological fieldwork throughout the province including in Fort McMurray and Crowsnest Pass.

PROJECT EXPERIENCE – ARCHAEOLOGY**Alamos Island Gold Mine Revised Power Line Alignment**
Ontario

Licensed archaeological, field supervisor, and report writer for a Stage 1-2 archaeological assessment conducted in 2022. The archaeological assessment was in support of a proposed power line for the Island Gold Mine in the Algoma District of northeastern Ontario.

Ministry of Transportation of Ontario - Highway 17 Structure Replacement and Highway Rehabilitation
Ontario

Report writer and licensee for a Stage 1 archaeological assessment conducted for the rehabilitation of a 26 km section of Highway 17, replacement of two bridges and culverts, and expansion of Katherine Cove parking area (2022). The study area was located north of Sault Ste. Marie.

Highway 401 Expansion and Highway 16 Norris Whitney Bridge Replacement, Belleville
Ontario

Field supervisor and report writer for two Stage 2 archaeological assessments conducted for the expansion of Highway 401 and a bridge replacement in Belleville, Ontario. Fieldwork and reporting was conducted in 2022.

Legacy New Home Housing Development Petawawa
Ontario

Field supervisor and report writer for a Stage 1-2 archaeological assessment conducted for a proposed housing development in Petawawa, Renfrew County. The fieldwork took place in autumn 2021.

Cavanagh Haley Station Pit
Ontario

Field supervisor and report writer for a Stage 1-2 archaeological assessment conducted in 2021 for a proposed aggregate pit near the community of Haley Station in Renfrew County.

39 Winners Circle Retirement Community Housing Development
Ontario

Licensee and report writer for Stage 1 archaeological assessment conducted in support of a proposed retirement community housing development located in Arnprior in 2021. Report writer for Stage 2 archaeological assessment conducted in 2022.

Enbridge Gas Inc. Almonte Natural Gas Pipeline
Ontario

Licensee, field supervisor and report writer for Stage 1 to 4 archaeological assessments conducted in support of a natural gas pipeline between 2020 and 2022. The Stage 3 and 4 archaeological assessments involved the excavation of two Indigenous campsites.

North Dundas Drinking Water Supply System Expansion
Ontario

Field supervisor and report writer for Stage 1 archaeological assessment for a drinking water system expansion involving a 24 km corridor between Morrisburg and Winchester, Ontario (2021).

Royal Military College and Canadian Forces Base, Kingston
Ontario

Conducted multiple archaeological impact assessments and construction monitoring for construction projects between 2020 and 2022.

Woods Quarry, Brockville Ontario	Field supervisor for Stage 2 test pit survey conducted over the summer of 2021 in support of an Aggregate Resources Act license.
New Hospital Campus - Ottawa Ontario	Licensee, field supervisor and report writer for Stage 1 and 2 archaeological assessments for a proposed new hospital campus on federal land within Ottawa's Central Experimental Farm.
Highland Line Pit Ontario	Licensee, field supervisor and report writer for Stage 1 to 4 excavations conducted during 2020 in support of an Aggregate Resources Act license.
Residential Development Rockland Ontario	Field supervisor and report writer for Stage 1 and 2 archaeological assessment for a proposed housing development located in Rockland (2020).
Ironclad Development - Orleans Ontario	Licensee, report writer, and field supervisor for Stage 1 and 2 archaeological assessments for a housing development in Orleans (2020).
East Block - Parliament Hill Ontario	Production of an archaeological overview report for East Block in preparation for renovations to the structure (2020).
Fairfields House Ontario, Canada	Field supervisor for Stage 2 and 3 archaeological assessments undertaken in 2019 and 2021 of a registered historic property located within the city of Ottawa.
Wataynikaneyap Power Project Ontario, Canada	Report writer and field supervisor for several Stage 2 to 4 archaeological assessments conducted as part of a transmission line project that is connecting 17 remote First Nation communities to the provincial electrical Grid. Randy's involvement in the project was between 2017 and 2019.
Hydro One Nepean South Power Project Ontario, Canada	Task manager, licensed archaeologist and report writer for Stage 1 to 4 archaeological assessments undertaken between 2018 to 2021 for an upgrade to an existing transmission line located in Ottawa.
Nation Rise Wind Farm Project Ontario, Canada	Licensee, field supervisor, and report writer for a wind farm energy project between 2018 and 2020. Randy's involvement was for the Stage 3 and Stage 4 archaeological excavations of several 19th century historic sites located southeast of Ottawa.
Cunningham Station Site Ontario, Canada	Assistant field supervisor for the Stage 4 archaeological excavation of a historic railroad station as the Trillium line for Ottawa's light rail construction project (2019).
Gallipeau Centre Ontario, Canada	Task manager and report writer for a Stage 1 archaeological assessment for the site of the former Rideau Regional Hospital in Smith Falls.
Enbridge - Tract 73 Ontario, Canada	Field archaeologist for Stage 3 and Stage 4 archaeological excavations at a Post-Contact Period Indigenous archaeological site in southern Ontario between 2016 and 2018.
Wright Lands Ontario, Canada	Report writer and field archaeologist for Stage 1 to 4 archaeological assessments conducted as part of a residential development project within the city of Ottawa (2019).

Cavanagh Bank Street Ontario, Canada	Task manager, field archaeologist and report writer for a Stage 1 archaeological assessment for the expansion of an aggregate site located within the city of Ottawa.
Eastern Fields Wind Farm LP Ontario, Canada	Report writer and field archaeologist for Stage 2 and 3 archaeological assessments conducted for a large wind farm energy project located east of Ottawa between 2017 and 2018.
Minto-Mahogany Ontario, Canada	Field supervisor for a Stage 4 archaeological excavations of a 19th century house located in Ottawa. This project was part of a residential development located in Ottawa in 2018.
Oblates - Greystone Village Ontario, Canada	Field archaeologist and report writer for Stage 4 archaeological monitoring of the remediation of contaminated soils on the historic Oblates property located near downtown Ottawa (2017).
Port Hope Remediation Canadian Nuclear Laboratories Ontario, Canada	Report writer for a Stage 1 archaeological assessment for the remediation of the low-level radioactive contaminants within Port Hope, Ontario (2017)
Site C Project British Columbia, Canada	Field archaeologist for Stage 2 to 4 archaeological assessments conducted in 2016 as part of the Site C Dam Project located near Fort St. John in northern British Columbia.
Lower Fort Gary Manitoba, Canada	Field archaeological for a Stage 2 excavation of a historic fort located north of Manitoba in 2016.
TransCanada Pipeline Project Ontario, Canada	Field archaeologist for Stage 2 archaeological assessments for the proposed TransCanada Pipeline located in eastern Ontario in 2015.
Huasi Huaman Pacasmayo, Peru	Lead archaeologist for an academic archaeological excavation of a Chimu Period (AD 900-1470) Indigenous settlement in the North Coast region of Peru between 2011 and 2012.
Jatanca Pacasmayo, Peru	Supervised an academic archaeological research project in 2008 on a 4th Century BC Indigenous ceremonial centre in the North Coast region of Peru.

PROFESSIONAL AFFILIATIONS

Ontario Archaeological Society

PUBLICATIONS

Conference Proceedings	Hahn, Randy. 2012. <i>Colonialism, architecture and the creation of subjects in the Chimu Empire</i> . Society for American Archaeology. Honolulu, United States.
Other	2015 Colonialism, architecture, domestic space, and the creation of subjects in the Chimu Empire. PhD Dissertation.

2009 Andean Commensal Politics and Alternative Rituals of Power at Jatanca, Peru. MA Thesis.

Education

MA Anthropology and Archaeology, Memorial University of Newfoundland, St. John's, 2001

BA (Honours) Archaeology, Wilfrid Laurier University, Waterloo, 1998

Certifications

Professionally Licensed Archaeologist, Ontario

Member in Good Standing Ontario Archaeology Society

RAQS certified to provide archaeological services for Ministry of Transportation projects.

Golder Associates Ltd. - London**Director, Archaeology and Heritage - Ontario**

Mike Teal is the Director of the Archaeology and Heritage group within Golder's Environmental Planning division in Ontario. He is located in London, Ontario and has been with the company for 9 years. Mike is a licensed professional Ontario archaeologist (P364) with over 23 years of experience in cultural resource management, including 10 years with the federal government at Parks Canada and 13 years in non-federal and private sectors. His work experience has given him a strong understanding of regulatory requirements for archaeology in Ontario and on Canadian federal lands. In addition, Mike has supported the growth and development of Golder's relationships with many Indigenous communities in Ontario by: establishing Master Service Agreement for archaeological field technician services; creating sub-consultant agreements with Indigenous owned businesses; providing archaeological services for Indigenous-led projects and businesses; participating in Golder-led Indigenous consultation and engagement awareness events; and, helping to create mentor work placement agreements to provide work experience for Indigenous youth.

Employment History**Golder Associates Ltd., a member of WSP – London, Ontario**

Director, Archaeology and Heritage, Ontario (2021 to present)

Responsible for providing senior technical guidance and leadership in the development and implementation of fieldwork programs in Ontario, the delivery of technical reports, project management, preparing scope and cost estimates for proposals, and carrying out archaeological activities for Stage 1, 2, and 3 archaeological assessment and Stage 4 mitigation. Mike is a primary contact for clients' requests for information, technical advice, and action.

Golder Associates Ltd. – London, Ontario

Associate, Senior Archaeologist, Team Lead (2012 to 2021)

Associate, Senior Archaeologist and Team Lead for Golder's Ontario Archaeology and Cultural Heritage Group. Michael is responsible for the management, direction, and coordination of archaeological projects in Golder's Ontario Operations region. His responsibilities include providing technical guidance and leadership in the development and implementation of field work programs, the delivery of technical reports, project management, preparing cost estimates and proposals, carrying out field archaeological activities in support of Stage 1, 2, 3, assessments, and Stage 4 mitigation. Michael's project experience has contributed to his thorough understanding of archaeological policies and addressing archaeological concerns to appropriate regulatory standards.

Parks Canada Agency – Ontario Service Centre, Cornwall

Archaeologist (2002 to 2012)

Archaeologist on Parks Canada's National Parks and Native Sites team in Ontario. Project involvement included identification of impacts to cultural resources and providing recommendations to manage/mitigate effects. Responsible for field work coordination, development of field work strategies,

analysis and interpretation of archaeological data, report preparation, adherence to Parks Canada cultural resource management policy.

From 2006 to 2012 acted as Cultural Resource Technical Advisor to Department of National Defence (DND) to identify, protect, and mitigate impacts to cultural resources during DND's UXO, Environmental and Cultural Resource Investigation of the Former Camp Ipperwash.

Various Consultancies

Archaeologist (1997 to 2001)

Completed archaeological assessments through Ontario for a number of different consulting firms specializing in Archaeological Assessments.

SELECT PROJECT EXPERIENCE

W12A Landfill Site Expansion

London, Ontario
(2018 - 2020)

Archaeology Lead. Stage 2 archaeological assessment in support of Environmental Assessment for proposed City of London landfill site expansion. Project involved the archaeological survey of approximately 78.25 ha, which resulted in the identification of six sites. Five of the sites were concluded to need no further archaeological assessment, while one site was concluded to require Stage 3 archaeology assessment prior to impacts. Project involved consultation with municipal government and local Indigenous communities.

W12A Landfill Site

London, Ontario
(2017 – 2018)

Project Manager. Stage 1 background study followed by Stage 2 archaeology survey of future waste disposal areas as part of the City of London's due diligence process. Fieldwork resulted in the identification of one disturbed archaeological site that was not recommended for further investigation. Project involved consultation with municipal government and local Indigenous communities.

Stony Point Clearance and Remediation Project – Archaeological Investigations

Former Camp Ipperwash, Ontario
(2016 – ongoing)

Archaeological field leader/senior archaeologist. Provided archaeological support services during UXO clearance activities at Stony Point, Ontario for the Department of National Defence (DND). Archaeological objectives were to identify, protect, and assess the significance of cultural resources encountered during UXO investigations and to determine the need for archaeological mitigation through either excavation or avoidance and protection.

Former Camp Ipperwash Investigation

Former Camp Ipperwash, Ontario
(2012 - 2015)

Archaeological advisor (Golder Associates Ltd.). Provided archaeological advice to DND to identify, protect, and mitigate impacts to cultural resources during UXO, Environmental, and Cultural Resource Investigation of former Camp Ipperwash. Regular liaison with DND project managers and interfacing with First Nation and independent contractors; assistance in the development of GIS mapping of cultural resources for site planning; review and comment on archaeological work plans, interim results and reports; site inspections and participation in stakeholder meetings.

**Niagara Ranges /
Battlefield of Fort
George National
Historic Site of Canada**
Niagara-on-the-Lake,
Ontario
(2015 – 2016)

Project manager. Provided archaeological support services during UXO clearance activities, and for subsequent soil investigations on the property known as the Niagara Ranges. Archaeological field work as part of the support services totalled 17 days between October 20 and November 24, 2015, and for four days between January 11 and January 14, 2016. All field work activities were performed in accordance with the Parks Canada *Guidelines for the Management of Archaeological Resources* and *Archaeological Recording Manual: Excavations and Surveys*.

**Parks Canada
Archaeological Impact
Assessment for
Proposed Renewal
Upgrades**
Point Pelee National
Park, Ontario
(2018)

Project manager and field lead for archaeological survey through shovel testing of areas of high archaeological potential within proposed renewal upgrades at tip of Point Pelee National Park, Ontario. Provision of a report with survey results, conclusions regarding the archaeological significance and heritage value of findings, and recommendations for additional investigation, where required.

**Parks Canada
Archaeological Impact
Assessment for
Proposed Trails**
Rouge National Urban
Park, Ontario
(2018)

Project manager for archaeological survey through shovel testing of areas of high archaeological potential along 3.5 km of proposed trail corridors and parking lot areas in Rouge National Urban Park, Ontario. Provision of a report with survey results, conclusions regarding the archaeological significance and heritage value of findings, and recommendations for additional investigation, where required.

**TC Energy Northern
Ontario Infrastructure
Operations and
Maintenance Program**
Various Locations,
Northern Ontario
(2017 – ongoing)

Project manager. Provided technical guidance and oversight for Stage 1 and Stage 2 Archaeological Assessments at various TC Energy work sites in northern Ontario. Coordinated field activities with field personnel; completed daily quality control and quality assurance reviews of field data; and ensured compliance fieldwork and reporting was being completed to MTCS *Standards and Guidelines*.

**Amherstburg
Wastewater Servicing
Plan**
Amherstburg, Ontario
(2016)

Archaeology lead for Stage 1 Archaeological Assessment for 4.2 km long study corridor. Following a property inspection reporting included background desktop research, evaluation of archaeological potential, and recommendations for appropriate Stage 2 assessment, where required.

**Brantford Water
Treatment Complex**
Brantford, Ontario
(2015)

Archaeology lead for Stage 1 and 2 Archaeological Assessments for the Brantford Water Treatment Complex. Field work included a property inspection followed by Stage 2 test trenching to identify potential cultural resources. Stage 1 reporting included desktop research, evaluation of archaeological potential, and recommendations for appropriate Stage 2 assessment. Stage 2 reporting involved summarizing field assessment results and making recommendations for further work, where required.

**Commissioners Road
West Realignment EA**
London, Ontario

Archaeology lead for Stage 1 Archaeological Assessment for linear corridor in the City of London. Field work included a property inspection and reporting included background desktop research, evaluation of archaeological potential, and recommendations for appropriate Stage 2 assessment, where required.

**Infrastructure Renewal
Program, Contract D,
Main Street, Lambeth**
London, Ontario

Archaeology lead for Stage 1 Archaeological Assessment for linear corridor in the City of London. Field work included a property inspection and reporting included background desktop research, evaluation of archaeological potential, and recommendations for appropriate Stage 2 assessment, where required.

**Mud Creek Sub-
Watershed Class
Environmental
Assessment**
London, Ontario

Archaeology lead for Stage 1 Archaeological Assessment for study area comprised of 31 land parcels in the City of London. Reporting included background desktop research, evaluation of archaeological potential, and recommendations for appropriate Stage 2 assessment, where required.

**Kayanase Proposed
Facility Expansion**
Six Nations Reserve No.
40, Ontario

Project manager for Stage 1 and 2 Archaeological Assessment of 4 ha land parcel prior to a proposed facility expansion by Kayanase Greenhouse. Assessment resulted in the identification of several pre-contact Indigenous and historical sites, of which three were recommended for further assessment. Avoidance and protection plans were developed for the three sites through engagement with the Indigenous community. Construction monitoring services were also provided as part of the avoidance and protection plan.

**Proposed Limestone
Quarry Bruce County**
Northern Bruce
Peninsula, Ontario

Project manager for Stage 1 and 2 Archaeological Assessment of 15.5 ha land parcel for proposed pit. No archaeological sites were identified and no further work was recommended. Role included communication with the client, health and safety plan preparation, and budget and schedule management. Planned and coordinated field program for Stage 2 archaeological assessments, interpreted all archaeological data, and conducted technical review of prepared report. Active engagement with interested First Nations communities.

**Port Colborne Quarry
Expansion**
Port Colborne, Ontario

Archaeology Task Lead, and archaeology licensee for Stage 3 Archaeological Assessments of nine pre-contact Indigenous sites for license application to expand Port Colborne Quarry. Role included communication with the client, health and safety plan preparation, and budget and schedule management. Planned and coordinated field program for Stage 3 archaeological assessments, interpreted all archaeological data, and conducted technical review of prepared reports. Active engagement with interested Indigenous communities.