

# Principal Archaeologist, Technical Lead

#### Years of experience

20 +

#### Office of employment

Richmond Hill, Ontario

#### **Professional registrations**

Canadian Archaeological Association – Current Member

Ontario Archaeological Society -Current Member, Director of Heritage Advocacy 2013-2014

#### **Project type**

Roads / Highways

Bridges

Transit Projects

Transmission Lines and Linear Corridors

Infrastructure Developments

**Environmental Remediations** 

Urban & Greenfield Developments

#### Areas of expertise

Qualified archaeologist with significant Stage 1 to 4 archaeological experience

Extensive experience with complex urban archaeology

Proven comprehensive understanding of the Ontario Heritage Act and the Ministry of Citizenship and Multiculturalism's 2011 Standards and Guidelines for Consultant Archaeologists

# Types of assessments

Stage 1 to 4 Archaeological Assessments completed in supports of Provincial/Municipal Environmental Assessments, Planning Act, Mining Act, Aggregate Act, Cemeteries Act, among other legislation

#### **PROFILE**

Dr. Popkin is a Principal Archaeologist and Technical Lead at WSP and he has over 23 years of professional experience in both consulting and academic archaeology within Canada and internationally. In Ontario he has successfully undertaken hundreds of consultant archaeology projects triggered by: the Environmental Assessment Act (individual and Class EAs, provincial and federal EAs), the Planning Act (subdivisions, site plans, re-zoning, official plan amendments, consent), the Environmental Protection Act (Renewable Energy Approvals O.Reg 359/09), as well as the Aggregates Resources Act (aggregate pit extensions), and has managed projects under the National Energy Board Act (now the Canadian Energy Regulator Act).

Dr. Popkin holds the position of Contract Manager for WSP's Vendor of Record contract with Metrolinx for Emergent Archaeological Consulting Services (2019-2024) and holds the position of Principal Archaeologist for WSP's Professional and Consultant Services Roster 2022-2024, Category 18: Archaeology contract with the City of Hamilton.

Dr. Popkin has lectured in archaeology at York University, the University of Toronto and Wilfrid Laurier University in Ontario, as well as University College London, King's College London, and Birkbeck College, in the UK.

Dr. Popkin holds a Professional Archaeology Licence (P362) from the Ontario Ministry of Citizenship and Multiculturalism (MCM), is a Professional Member of the Canadian Association of Heritage Professionals (CAHP) and is a full Member of the Chartered Institute for Archaeologists (MCIfA). Dr. Popkin received his Ph.D. from the Institute of Archaeology, University College London, London, UK (2009).

#### **EDUCATION**

Ph.D., Archaeology, Institute of Archaeology, University College London, London, England	2009
M.A., Anthropology and Archaeology, University of Saskatchewan, Saskatoon, Saskatchewan, Canada	2001
B.A. Honours, Classical and Near Eastern Archaeology, University of Saskatchewan, Saskatoon, Saskatchewan, Canada	1998

2000

#### PROFESSIONAL ASSOCIATIONS

Professional Archaeology Licence P362, Ontario Ministry of Citizenship and Multiculturalism	MCM
Canadian Association of Heritage Professionals (Professional Member)	CAHP
Chartered Institute for Archaeologists (Full Member)	MCIfA

#### PROFESSIONAL HISTORY

WSP (Formerly Wood E&I), Principal Archaeologist	2022 – Present
Wood Environment and Infrastructure Solutions (WSP Acquisition), Associate Archaeologist, Team Lead	Apr 2020 – Sept 2022
Stantec Consulting Ltd., Associate Archaeologist	2017 - 2020
Golder Associates Ltd. Senior Archaeologist	2013 - 2017



# Associate Archaeologist, Team Lead

Archaeological Services Inc., Project Archaeologist	2011 - 2013
Popkin Zooarchaeological Services, Director	2009 - 2011
Egypt Exploration Society, Environmental Archaeologist	2009 - 2010
British Institute at Ankara, Post-Doctoral Research Fellow	2008 - 2009
Cambridge University, Environmental Archaeologist.	2008 - 2009
English Heritage (now Historic England), Zooarchaeologist	2007 - 2008
Museum of London Specialty Services, Environmental Archaeologist	2006 – 2007
Golder Associates Ltd., Archaeological Field Technician	2000
UNIVERSITY TEACHING	
York University, Visiting Lecturer	2018
Wilfrid Laurier University, Lecturer, Cultural Resource Management	2016
University of Toronto, Visiting Lecturer	2014 - 2016
Birkbeck College, University of London, UK, Sessional Lecturer	2005 - 2011
Institute of Archaeology, University College London, UK, Visiting Lecturer	2003 – 2011
King's College London, London, UK, Visiting Lecturer	2005 - 2006
Department of Anthropology and Archaeology, University of Saskatchewan, Tutor/Marker	1998 – 2000

#### PROFESSIONAL EXPERIENCE

#### Environmental Assessments

Stage 1 Archaeological Assessment, City of Windsor National Urban Park Plan Windsor, ON (2022). Senior Reviewer (QA/QC) - Completed Stage 1 Archaeological Assessment for the City of Windsor as part of the baseline studies to establish a National Urban Park in the City of Windsor, Ontario. The baseline studies were initiated under a Statement of Collaboration between the City of Windsor and Parks Canada and are currently considering 11 areas.

Stage 1 Archaeological Assessment, Heritage Road Layover, Part of Lots 14 and15, Concession 6 West of Hurontario Street (WHS), former Township of Chinguacousy, County of Peel, now City of Brampton, Regional Municipality of Peel, Ontario (2021-2022). Archaeology Task Lead and Senior Technical Reviewer (QA/QC) – Stage 1 archaeological assessment as part of the Heritage Road Layover Project Transit Project Assessment Process (TPAP) in advance of the Metrolinx-led development of layover facility to accommodate increased service and support the need for additional train storage and maintenance as part of Metrolinx's commitment to GO Expansion.

Stage 3 Archaeological Assessment, Heritage Road Layover H1 Site (AjGx-267), Located on Part of Lot 14, Concession 6 West of Hurontario Street (WHS), former Township of Chinguacousy, County of Peel, now City of Brampton, Regional



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Municipality of Peel, Ontario (2022). Archaeology Project Director and Senior Technical Reviewer (QA/QC) – Stage 3 archaeological assessment of the Euro-Canadian Heritage Road Layover H1 site (AjGx-267) as part of the Heritage Road Layover Project Transit Project Assessment Process (TPAP) in advance of the Metrolinx-led development of layover facility to accommodate increased service and support the need for additional train storage and maintenance as part of Metrolinx's commitment to GO Expansion.

Region of Waterloo, Stage 4 Archaeological Assessment and Stage 3 BSI: Fischer-Hallman Road Redevelopment, Kitchener, Ontario (2020-Ongoing). Senior Technical Reviewer (QA/QC) - Mitigation of Stage 4 archaeological construction monitoring, Stage 4 excavation of a Woodland Village Site and Stage 3 Burial Site Investigation The project is being completed under the Environmental Assessment Act in support of a roadway redevelopment. The project involves a large team and working closely with Engineers, Region Staff and Indigenous Nations. In 2020, preliminary reporting was completed which enabled the Region to construct a temporary roadway on mitigated areas. Project includes Indigenous engagement and participation.

Stage 2 & 4 Archaeological Assessments, Site AfHo-12, Federal Bridge Corporation Limited Blue Water Bridge Backup Power Modifications Project, Blue Water Bridge Border Crossing, Point Edward, City of Sarnia (2021-2022). Archaeology Project Manager, Senior Reviewer (QA/QC) - Stage 2 archaeological construction monitoring and Stage 4 mitigation of development impacts for FBCL's Blue Water Bridge Backup Power Modifications Project on Point Edward in the City of Sarnia.

Stage 1 Archaeological Assessment, Bradley Avenue Extension, Part of Lot 29-31, Concession 2 in the former Township of Westminster, now in the City of London, Middlesex County, Ontario (2022). Archaeology Project Manager, Senior Reviewer (QA/QC) - Stage 1 archaeological assessment completed on behalf of the City of London in support of the Environmental Assessment process associated with the Bradley Avenue Extension Project.

Stage 1-2 Archaeological Assessment, South Niagara Falls Wastewater Treatment Plant, Phase 2 Lands, Part of Lots 7 to 10 Broken Front on Chippewa Creek, Geographic Township of Willoughby, Former County of Welland, now in the City of Niagara Falls, Regional Municipality of Niagara, Ontario (2022). Senior Reviewer (QA/QC) - Stage 1-2 archaeological assessment of 81 hectares of land for the preferred South Niagara Falls Wastewater Treatment Plant and associated infrastructure on behalf of the Region of Niagara.

Stage 2 Archaeological Assessment, South Niagara Falls Wastewater Treatment Plant & Blackhorse Sewage Pumping Station, Part of Lot 94, Geographic Township of Thorold, Welland County, now 701 Allanburg Road, City of Thorold, Regional Municipality of Niagara, Ontario (2022). Senior Reviewer (QA/QC) - Stage 2 archaeological test pit survey and associated reporting in advance of the construction of the Blackhorse Sewage Pumping Station on behalf of the Region of Niagara.

Marine Archaeological Assessment, South Niagara Falls Wastewater Treatment Plant, Phase 2 Lands Welland River along Lots 7 to 9 Broken Front on Chippewa Creek, Geographic Township of Willoughby, Former County of Welland, now the City of Niagara Falls, Regional Municipality of Niagara, Ontario (2022). Licensed Archaeologist and Senior Reviewer (QA/QC) - Marine Archaeological Assessment of a portion of the Welland River on behalf of the Region of Niagara in advance of construction



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of the proposed South Niagara Falls Wastewater Treatment Plant that will include placement of an outfall pipe, which may result in disturbance to the existing riverbed.

Stage 1 Archaeological Assessment, Carolyn Creek Erosion Control Project, City of Mississauga (2022). Senior Reviewer (QA/QC) - Wood was retained by the City of Mississauga to conduct a Stage 1 archaeological assessment in support of the Carolyn Creek Erosion Project Municipal Class Environmental Assessment, located along Barbertown Road.

Stage 1 Archaeological Assessment, Mimico Creek Erosion Control Projects, City of Mississauga (2021-2022). Senior Reviewer (QA/QC) - To support a Municipal Class Environmental Assessment for erosion control works and watercourse improvements on Mimico Creek, the City of Mississauga retained Wood to complete a Stage 1 archaeological assessment.

Stage 1 & 2 Archaeological Assessment, Bradley Park, City of Windsor (2021). Senior Reviewer (QA/QC) - Wood was retained by the City of Windsor to conduct a Stage 1 & 2 archaeological assessment in support of future re-development of Bradley Park. The project was completed within budget and schedule.

Stage 1 Archaeological Assessment, Lisgar District Stormwater Pumping Station Municipal Class Environmental Assessment, City of Mississauga, Peel Region (2021). Archaeology Project Director and Senior Reviewer (QA/QC) - Wood was retained by the City of Mississauga to conduct a Stage 1 archaeological assessment as part of a Municipal Class Environmental Assessment for detailed engineering design and associated construction of a stormwater pumping station. Indigenous engagement was completed as part of this assessment.

Stage 3 Archaeological Assessment of Site AjGw-639, Located on Part of Lot 6, Concession 6, in the Former Township of Trafalgar, County of Halton, now in the Town of Milton, Region of Halton, Ontario (2021). Senior Reviewer (QA/QC) - Stage 3 archaeological assessment of a small Euro-Canadian archaeological site as part of the Municipal Class Environmental Assessment process for the Regional Municipality of Halton.

Stage 4 Archaeological Mitigation of Site AjGw-639, Located on Part of Lot 6, Concession 6, in the Former Township of Trafalgar, County of Halton, now in the Town of Milton, Region of Halton, Ontario (2021). Senior Reviewer (QA/QC) - Stage 4 archaeological mitigation of a small Euro-Canadian archaeological site as part of the Municipal Class Environmental Assessment process for the Regional Municipality of Halton.

Stage 1 Archaeological Assessment in Support of a Shoreline Protection Project at 36 City of Hamilton Waterfront Properties, City of Hamilton, ON (2020). Senior Reviewer (QA/QC) - Stage 1 archaeological assessment in advance of planned City of Hamilton shoreline protection measures along the shores of Lake Ontario and within the Hamilton Harbour for City owned waterfront assets.

Stage 4 Archaeological Construction Monitoring Adjacent to Site AhGx-732, City of Hamilton (2018-2020). Senior Reviewer (QA/QC) - Wood was retained by the City of Hamilton to conduct Stage 4 construction monitoring adjacent to the Bullock's Corners Site (AhGx-732) and a historical period cemetery during roadway improvements at the intersection of Highway 8 and Brock Road. Impacts to any potential deeply buried archaeological resources or human interments were avoided through the monitoring of the mechanical asphalt removal, demolition and removal of two concrete islands, relocation of underground utilities, stabilization of drainage wall, and installation of catch basins. No



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artifacts were encountered, and it could be confirmed that the new construction had not impacted AhGx-732 nor the adjacent cemetery.

Stage 4 Mitigation of Development Impacts Portfolio, Southwest Sports Complex Project, City of Brantford (2018-2020). Senior Reviewer (QA/QC) - Wood was retained by the City of Brantford to complete Stage 4 mitigation of development impacts at seven Indigenous archaeological sites as part of the Southwest Sports Complex Project. Archaeology in the project area has demonstrated continued land use by Indigenous people for several thousand years (8,500 BCE – 900 BCE) with numerous campsites adjacent to —and in some cases overlapping— each other. By working collaboratively with the City of Brantford, the MCM and Indigenous communities, Wood could expedite the Stage 4 fieldwork to prevent project delays; however, in 2020 the City of Brantford suspended the proposed development.

Stage 4 Mitigation of Development Impacts, Albion Falls Site (AhGw-540), City of Hamilton (2018-2020). Senior Reviewer (QA/QC) - Wood was retained by the City of Hamilton in 2018 to conduct a Stage 4 mitigation of development impacts at the Albion Falls Site (AhGw-540), a mill site in operation from the early 19th century to early 20th century. The project was initiated prior to construction of a trail access and viewing platform and based on Wood's previous work as part of Stage 1-2 and Stage 3 archaeological assessments. Over 3,800 artifacts were recovered during the Stage 4 fieldwork and the site is considered fully mitigated.

Stage 4 Archaeological Mitigation, Location 2 (AlGm-17), Brookside Youth Detention Centre, Part of Lot 14, Concession A, former Geographic Township of Hamilton, now Town of Cobourg, County of Northumberland, Ontario (2020). Project Manager and Senior Reviewer (QA/QC) – Stage 4 mitigation of the Euro-Canadian archaeological site Location 2 (AlGm-17) through excavation and long-term avoidance and protection within the Brookside Youth Centre, Cobourg, property on behalf of Infrastructure Ontario as due diligence.

Stage 4 Archaeological Mitigation, Location 5 (AlGm-20), Brookside Youth Detention Centre, Part of Lot 14, Concession A, former Geographic Township of Hamilton, now Town of Cobourg, County of Northumberland, Ontario (2020). Project Manager and Senior Reviewer (QA/QC) – Stage 4 mitigation of the Euro-Canadian archaeological site Location 5 (AlGm-20) through excavation and long-term avoidance and protection within the Brookside Youth Centre, Cobourg, property on behalf of Infrastructure Ontario as due diligence.

Stage 3 Archaeological Assessment, Brookside Youth Centre, 390 King Street East Cobourg, Ontario, Part of Lot 13 and Part of Lot 14, Concession A, former Geographic Township of Hamilton, now Town of Coburg, County of Northumberland, Ontario (2020). Project Manager and Senior Reviewer (QA/QC) – Stage 3 archaeological assessment of five Euro-Canadian archaeological sites located within the Brookside Youth Centre, Cobourg, property on behalf of Infrastructure Ontario as due diligence.

Stage 1 Archaeological Assessment and Stage 2 Property Assessment, Mountainbrow Trail #4 Initiative Redevelopment Project, City of Hamilton (2020). Senior Reviewer (QA/QC) - In 2020, Wood was retained by the City of Hamilton to conduct Stage 1 and subsequent Stage 2 archaeological assessments in support of the Mountainbrow Trail #4 Initiative Redevelopment Project. The objective of the project was to redevelop the existing trail to conform to the City of Hamilton's Mountainbrow



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Recreational Trail Masterplan and the archaeological studies were completed in support of a Municipal Class Environmental Assessment.

Stage 1-2 Archaeological Assessment: Ottawa Correctional Facility, Ministry of Infrastructure Public Work Class Environmental Assessment 3995 and 4055 Russell Road, Part of Lots 3 to 5, Concession 6 from the Rideau River, Geographic Township of Gloucester, former Carleton County, now City of Ottawa, ON (2020). Project Manager and Senior Reviewer (QA/QC) - Stage 1 background study and Stage 2 test pit survey and associated reporting for Infrastructure Ontario as part of their due diligence process.

Stage 1-2 Archaeological Assessment: 311 Amber Street, Markham, Parking Lot Expansion, Part of Lots 3 and 4, Concession 4, former Markham Township, York County, now Town of Markham, Regional Municipality of York, ON (2019). Archaeology Project Manager and Licensed Archaeologist - Stage 1 background study and Stage 2 test pit survey and associated reporting in support of a parking lot expansion. The assessment was necessary to fulfill Infrastructure Ontario requirements for development within Hydro One lands.

Stage 2 Archaeological Assessment: Proposed Ridge Landfill Expansion Environmental Assessment, Part of Lots 13, 14 and 16, Concession 4 West of Communication Road, Geographic Township of Harwich, County of Kent, now Municipality of Chatham-Kent, ON (2019). Project Manager and Senior Reviewer (QA/QC) - Stage 2 archaeological pedestrian and test pit survey in advance of a proposed landfill expansion.

Stage 2 Archaeological Assessment: Proposed Ridge Landfill Expansion Environmental Assessment – Additional Assessment, Part of Lots 13, 14 and 16, Concession 4 West of Communication Road, Geographic Township of Harwich, County of Kent, now Municipality of Chatham-Kent, ON (2019). Project Manager and Senior Reviewer - Stage 2 archaeological pedestrian and test pit survey on new lands the client required in advance of a proposed landfill expansion.

Ministry of Natural Resources and Forestry, Stage 1 Terrestrial and Marine Archaeological Assessment: Rondeau Provincial Park, ON (2019). Project Manager and Senior Reviewer (QA/QC) - Stage 1 desktop assessment for Ontario Parks as part of their due diligence process for their land holdings.

Ministry of Infrastructure Public Work Class Environmental Assessment, Stage 1-2 Archaeological Assessment: Deerfield Land, Oakville, ON (2019). Licensed Archaeologist and Senior Reviewer (QA/QC) - Stage 1-2 test pit survey and associated reporting for Infrastructure Ontario as part of their due diligence on their owned and/or managed Deerfield Land in Oakville, Ontario.

Stage 1-2 Archaeological Assessment, Niagara River Recreational Trail: Riverwalk to Bridgeburg Project, Lots 3 and 4, Concession 1, Niagara River, former Township of Bertie, Fort Erie, ON (2019). Project Manager - Stage 1-2 test pit survey and associated reporting on behalf of the Niagara Parks Commission in advance of the construction of a 3 m wide 750 m long asphalt recreational trail on their lands in Fort Erie, Ontario.

Stage 1 Archaeological Assessment of Fenelon Falls Work Yard and Naylor Road Work Yard, Lot 21, Concession 10 and Lot 7 Concession 5, Fenelon Township, Victoria County, City of Kawartha Lakes, ON (2018). Licensed Archaeologist and



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**Senior Reviewer (QA/QC) -** Stage 1 background study associated with construction yards required for the development of a new natural gas pipeline.

Stage 2 Archaeological Assessment, Proposed Pipelines to Serve the Community of Fenelon Falls, City of Kawartha Lakes and Brock Township, ON (2018). Licensed Archaeologist and Senior Reviewer (QA/QC) - Stage 2 test pit survey and associated reporting in advance of the development of a new natural gas pipeline.

Stage 1 Archaeological Assessment, City of Toronto Stormwater Runoff Quality Control and Investigation of Basement Flooding Area 35, Municipal Class Environmental Assessment, City of Toronto, ON (2018). Senior Reviewer (QA/QC) - Large urban Stage 1 background study in advance of a major municipal basement flooding prevention initiative.

Stage 1 Archaeological Assessment, City of Toronto Stormwater Runoff Quality Control and Investigation of Basement Flooding Area 37, Municipal Class Environmental Assessment, City of Toronto, ON (2018). Senior Reviewer (QA/QC) - Large urban Stage 1 background study in advance of a major municipal basement flooding prevention initiative.

Stage 1 and 2 Archaeological Assessment, Milverton Expansion Pipeline Project, Additional Work near Rostock and Wartburg due to Proposed Line Changes Perth County, ON (2018). Licensed Archaeologist and Senior Reviewer (QA/QC) - Stage 1 background study and Stage 2 test pit survey and associated reporting in advance of the development of a new natural gas pipeline.

Stage 1 Archaeological Assessment: Colchester Harbour and Marina, Environmental Assessment, Town of Essex, ON (2017). Licensed Archaeologist and Senior Reviewer (QA/QC) - Stage 1 background study and associated reporting in advance of the development of the Colchester Harbour and Marina environment.

Stage 1 Marine Archaeological Assessment: Proposed Port Burwell Harbour Townhouse Development, Municipality of Bayham, ON (2017). Senior Reviewer - Senior review for a Marine Stage 1 background study in advance of a townhouse development adjacent to Port Burwell harbor.

Stage 1 and Stage 2 Archaeological Assessment, Milverton Expansion Pipeline Project, Additional Work near Rostock and Wartburg, Perth County, ON (2017). Senior Reviewer (QA/QC) - Stage 1 background study and Stage 2 archaeological survey as part of requirements of the Ontario Energy Board Environmental Guidelines in advance of new natural gas pipeline expansion.

Stage 1 Archaeological Assessment for Living Arts Drive, Municipal Class Environmental Assessment, Mississauga, ON (2017). Archaeology Project Manager, Licensed Archaeologist, Senior Reviewer (QA/QC) - Stage 1 background study as part of an MCEA in advance of a roadway extension project through an urban area within Mississauga.

Stage 1 Archaeological Assessment conducted as part of the Peel Region East to West Wastewater Diversion Class Environmental Assessment, Peel Region, ON (2016). Archaeology Project Manager, Licensed Archaeologist and Senior Reviewer (QA/QC) - Stage 1 background study as part of an MCEA in advance of the construction of a major Wastewater Diversion system in Peel Region.

Stage 2 Archaeological Assessment conducted as part of the Peel Region East to West Wastewater Diversion Class Environmental Assessment, Peel Region, ON (2016). Archaeology Project Manager, Licensed Archaeologist, Senior Reviewer



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**(QA/QC)** - Stage 2 archaeological survey as part of an MCEA in advance of the construction of a major Wastewater Diversion system in Peel Region.

Stage 1 Archaeological Assessment prior to Portage Parkway widening and extension City of Vaughan, ON (2016). Archaeology Project Manager, Licensed Archaeologist, Senior Reviewer (QA/QC) - Stage 1 background study as part of an MCEA in advance of a roadway widening and extension project through an urban area within the City of Vaughan.

Stage 1 Archaeological Assessment, Municipal Class EA, Regional Road 96 (Pelham Road), between Wessel Drive and Regional Road 28 (Fifth Street Louth), part of Lots 5-10, Concession 8, former Geographic Township of Louth, Lincoln County, now in the Town of Lincoln and City of St. Catharines, ON (2016).

Archaeology Project Manager, Licensed Archaeologist, Senior Reviewer (QA/QC) - Stage 1 background study as part of an MCEA in advance of a roadway widening project within the Town of Lincoln and the City of St. Catharines.

Stage 2 Archaeological Assessment prior to road improvements: Stanley Avenue between Thorold Stone Road and Valley Way, Niagara Falls Niagara Falls, ON (2016). Archaeology Project Manager, Licensed Archaeologist, Senior Reviewer (QA/QC) - Stage 2 archaeological survey as part of an MCEA in advance of a roadway widening project within the city of Niagara Falls.

Stage 1 Archaeological Assessment prior to roadway widening and drainage improvements Niagara Falls, ON (2016). Archaeology Project Manager, Licensed Archaeologist, Senior Reviewer (QA/QC) - Stage 1 background study as part of an MCEA in advance of a roadway widening and drainage improvement project for Stanley Avenue within the city of Niagara Falls

Stage 1 and 2 Archaeological Assessment, Municipal Class Environmental Assessment of Countryside Drive, Brampton prior to infrastructure development Brampton, ON (2014). Project Manager, Licensed Archaeologist and Senior Reviewer (QA/QC) - Stage 1 background study and Stage 2 archaeological survey as part of an MCEA in advance of the infrastructure improvement of Countryside Drive in Brampton.

#### Project Manager, Licensed Archaeologist, Senior Reviewer (QA/QC)

- Stage 1 Archaeological Assessment, Queen Victoria Park, Part of Lots 129, 144, 159, 160, 174, 175 and 190-193, former Geographic Township of Stamford, now City of Niagara Falls, Regional Municipality of Niagara, Ontario (2016)
- Stage 2 Archaeological Assessment, New Floral Showhouse Watermain Installation, Queen Victoria Park, Niagara Falls, Ontario (2016)
- Stage 1 and 2 Archaeological Assessment of a portion of the Lakeshore-Royal Windsor Hydro Corridor in advance of the City of Mississauga's Multi-Use Trail East construction Peel Region, Ontario (2015)
- Stage 1-2 Archaeological Assessment, Municipal Class Environmental Assessment for the Wiarton Wastewater Treatment System Township of Georgian Bluffs, County of Grey (2015)
- Stage 1 Archaeological Assessment, Grandview Beach and Paradise Point, Lot 19, Concession 6 and Part of Lots 18, 19 and 20, Concession 5, Township of Tay, Simcoe County, Ontario (2015)



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Environmental Assessments - Transit Project Assessment Process (TPAP) and Transportation Master Plan (TMP)

Stage 2 Archaeological Assessment of Scarborough SWS Additional Lands and Stage 4 Archaeological Mitigation of Site BbGv-57 in Gilford Paralelling Station Additional Lands, Metrolinx GO Rail Network Electrification Project, Town of Innisfil, Simcoe County (2020-2021). Archaeology Project Director, Senior Reviewer (QA/QC) - Wood was retained by Metrolinx to complete two archaeological assessments to support the GO Rail Network Electrification Project, triggered under the Transit Project Assessment Process (TPAP) under Ontario Regulation (O. Reg.) 231/08, Transit Projects and Metrolinx Undertakings. The first was a Stage 2 property assessment that involved test-pit survey of vegetated areas in the project footprint associated with the Scarborough SWS Additional Lands. The assessment involved Indigenous engagement and was completed within budget and schedule. The second was a Stage 4 mitigation of development impacts at the Gilford Station Site (BbGv-57), a historical railway station. The Stage 4 mitigation included Indigenous engagement and was completed on budget and schedule.

Stage 1 Archaeological Assessment Finch West Goods Transportation Master Plan (TMP), City of Toronto and City of Vaughan, Ontario (2021). Archaeology Project Manager - Stage 1 archaeological assessment of 135 hectares of land including 35 short-listed options for improvement works, in support of the Transportation Master Plan (TMP) for the Finch West corridor within the City of Toronto and the City of Vaughan.

Stage 1 Archaeological Assessment Waterfront East LRT Union Station to Queens Quay Link, Part of Lots 20 and 21, Broken Front Concession, formerly Township of York, County of York, now City of Toronto, ON (2020-2021). Archaeology Lead, Senior Reviewer (QA/QC) - Stage 1 archaeological assessment for the Toronto Transit Commission (TTC) triggered under Ontario Regulation 231/08 for Transit Projects and Greater Toronto Transportation Authority Undertakings (Transit Projects Regulation) in accordance with the Transit Project Assessment Project (TPAP).

Stage 1 Archaeological Assessment Yonge North Subway Extension, City of Toronto and York Region, ON (2020-2021). Archaeology Lead, Senior Reviewer (QA/QC) - Stage 1 archaeological assessment in support of the Yonge North Subway Extension Environmental Project Report (EPR) Addendum. This study was undertaken for Metrolinx and triggered under Ontario Regulation 231/08 for Transit Projects and Greater Toronto Transportation Authority Undertakings (Transit Projects Regulation) in accordance with the Transit Project Assessment Project (TPAP).

Stage 1 Archaeological Assessment Scarborough Subway Extension, City of Toronto, ON (2020-2021). Archaeology Lead, Senior Reviewer (QA/QC) - Stage 1 archaeological assessment in support of the Scarborough Subway Extension Transit Project Assessment Project (TPAP) Addendum. This study was undertaken for Metrolinx as part of the environmental due diligence required under Ontario Regulation 231/08 for Transit Projects and Greater Toronto Transportation Authority Undertakings (Transit Projects Regulation) in accordance with the Transit Project Assessment Project (TPAP) process.

Stage 2 Archaeological Assessment Galloway Road Grade Separation, Part of Lots 12 and 13, Concession D, Geographic Township of Scarboro, York County, now in the Administrative Division of Scarborough, City of Toronto, ON (2020).

Archaeology Project Director, Senior Reviewer (QA/QC) - Stage 2 archaeological assessment prior to the drilling of geotechnical boreholes required in two areas of previously identified archaeological potential. This study was undertaken for Metrolinx and triggered under Ontario Regulation 231/08 for Transit Projects and Greater Toronto Transportation Authority Undertakings (Transit Projects Regulation) as part of the Lakeshore East Corridor Project Transit Project Assessment Process (TPAP).

Stage 1 Archaeological Assessment, Network Wide Structures Project - Clubinis Creek Bridge Expansion Barrie Rail Corridor, Mile 32.00, Part of Lots 87, 88, and 89 Concession 1 East of Yonge Street, Former Geographic Township of Whitchurch,



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County of York, Now in the Town of Newmarket, Regional Municipality of York, ON (2020). Senior Reviewer (QA/QC) - Stage 1 background study undertaken for Metrolinx triggered under Ontario Regulation 231/08 for Transit Projects and Greater Toronto Transportation Authority Undertakings (Transit Projects Regulation) as part of the Barrie Rail Corridor Expansion Project Transit Project Assessment Process (TPAP).

Stage 1 Archaeological Assessment, Network Wide Structures Project – Islington Avenue Bridge Modification, Kitchener Rail Corridor, Mile 10.41, Part of Lot 24, Road Allowance Between Concessions A & B Fronting on the Humber, Geographic Township of Etobicoke, County of York, Now in Etobicoke, City of Toronto, ON (2020). Senior Reviewer (QA/QC) - Stage 1 background study undertaken for Metrolinx triggered under Ontario Regulation 231/08 for Transit Projects and Greater Toronto Transportation Authority Undertakings (Transit Projects Regulation) as part of the Kitchener Rail Corridor Expansion Project Transit Project Assessment Process (TPAP).

Stage 1 Archaeological Assessment, Network Wide Structures Project – McNaughton Road Grade Separation, Barrie Rail Corridor, Mile 18.49, Part of Lot 22, Concession 3, Former Geographic Township of Vaughan, County of York, Now in the City of Vaughan, ON (2020). Senior Reviewer (QA/QC) - Stage 1 background study undertaken for Metrolinx triggered under Ontario Regulation 231/08 for Transit Projects and Greater Toronto Transportation Authority Undertakings (Transit Projects Regulation) as part of the Barrie Rail Corridor Expansion Project Transit Project Assessment Process (TPAP).

Stage 1 Archaeological Assessment, Network Wide Structures Project - Wellington Street East Grade Separation, Part of Lots 79, 80 and 81, Concession 1 East of Yonge Street, Geographic Township of Whitchurch, County of York, Now in the Town of Aurora, York Region, ON (2020). Senior Reviewer (QA/QC) - Stage 1 background study undertaken for Metrolinx triggered under Ontario Regulation 231/08 for Transit Projects and Greater Toronto Transportation Authority Undertakings (Transit Projects Regulation) as part of the Barrie Rail Corridor Expansion Project Transit Project Assessment Process (TPAP).

Stage 1 Archaeological Assessment Bowmanville Corridor Expansion Project (Thornton CP Grade Separation) Part of Lots 16 and 17, Concession 1, Geographic Township of Whitby, former Ontario County, now City of Oshawa, Regional Municipality of Durham, ON (2017-2019). Licensed Archaeologist - Stage 1 Archaeological Assessment for the Lake Shore East Rail Corridor Expansion Project in the City of Oshawa / Regional Municipality of Durham, Ontario, which includes grade separation at the existing at-grade road-rail crossing along the Lake Shore East Rail Corridor (Bowmanville Extension). This assessment includes an approximately one kilometre long stretch of Thornton Road South. This archaeological assessment was conducted in accordance with the Environmental Assessment Act, as per Ontario Regulation 231/08 – Transit Projects and Metrolinx Undertakings, and the Transit Project Assessment Process (TPAP).

Stage 1 and 2 Archaeological Assessment Markham GO Station-Snider Drive Realignment Project, Part of Lot 12 and Lot 13, Concession 7, Geographic Township of Markham, York County, now City of Markham, ON (2015). Licensed Archaeologist - Stage 1 and 2 Archaeological Assessment for the proposed rehabilitation of the Markham GO station and realignment of Snider Drive. This archaeological assessment was conducted in accordance with the Environmental Assessment Act, as per Ontario Regulation 231/08 – Transit Projects and Metrolinx Undertakings, and the Transit Project Assessment Process (TPAP).

Stage 2 Archaeological Assessment Metrolinx Niagara Rail Service Expansion Lewis Road Layover Facility Part of Lots 7 and 8, Concession 1, Formerly Saltfleet Township, Wentworth County, now City of Hamilton, ON (2014). Licensed Archaeologist - Stage 2 Archaeological Assessment of the proposed site of the Lewis Road Layover Facility for the Metrolinx Niagara Rail Service Expansion, is approximately 17.6 hectares in area and is situated west of Lewis Road and north of Barton Street. This archaeological assessment was conducted in accordance with the Environmental



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Assessment Act, as per Ontario Regulation 231/08 – Transit Projects and Metrolinx Undertakings, and the Transit Project Assessment Process (TPAP).

#### Urban and Planning Act Archaeological Assessments

Stage 1 & 2 Archaeological Assessment, Cobblestone Gate Residential Development, Part of Lot 5, Concession South of London Proof Line, Township of Lucan-Biddulph, Formerly Township of Biddulph, Middlesex County, ON (2020). Senior Reviewer (QA/QC) - Stage 1 & 2 archaeological assessment of a 26 ha parcel of land in Middlesex County in advance of development.

Stage 3 Archaeological Assessment: Location 1 (AjGx-19) and Location 5 (AjGx-294), 12635 Steeles Avenue, Part of Lot 1, Concession 7, Geographic Township of Esquesing, Town of Halton Hills, Regional Municipality of Halton, ON (2020). Project Manager, Licensed Archaeologist, Senior Reviewer (QA/QC) - Stage 3 archaeological assessment of two pre-contact Indigenous archaeological sites in advance of mixed-use development. Worked closely with the proponent, First Nation communities, specialist consultants, contractors and governmental authorities (MCM) to successfully complete the project.

Stage 4 Archaeological Mitigation, 360 Richmond Street East, Toronto, ON (2019). Project Manager, Senior Reviewer (QA/QC) - Full mitigation of a large, complex Euro-Canadian urban archaeological site in downtown Toronto in advance of the redevelopment of the property.

Stage 3 Archaeological Assessment: West Side Employment Lands – Location 2 (AiHd-175) and Location 5 (AiHd-176), Part of Lot 41, German Company Tract, Geographic Township of Waterloo, former Waterloo County, now City of Waterloo, Regional Municipality of Waterloo, Ontario (2019). Licensed Archaeologist - Archaeological Assessment.

Stage 4 Archaeological Mitigation, 92 Front Street East, St. Lawrence Market North, Part of the Market Block, Town of York Plan, City of Toronto, ON (2018).

Archaeology Project Manager, Licensed Archaeologist, Senior Reviewer (QA/QC) - Large, complex Stage 4 archaeological mitigation of the North St. Lawrence Market property on behalf of the City of Toronto in advance of their planned redevelopment of the property. The archaeological contribution of this project was nominated for Heritage Toronto Public History Award in 2017.

#### Project Manager, Licensed Archaeologist, Senior Reviewer (QA/QC)

- Stage 1 and 2 Archaeological Assessment: 12635 Steeles Avenue, Part of Lot 1, Concession 7, Geographic Township of Esquesing, Town of Halton Hills, Regional Municipality of Halton, ON (2019)
- Stage 2 Archaeological Assessment for 2512-2532 Argyle Road, Mississauga, Part of Block A, Registered Plan E-23, Part of Lot 17, Concession 1 South of Dundas Street, Geographic Township of Toronto, former County of Peel, now City of Mississauga, Regional Municipality of Peel, ON (2019)
- Stage 1-2 Archaeological Assessment: 316 Turnberry Street, Municipality of Morris-Turnberry, Ontario, Part of Lots 9 and 10, Concession B, former Turnberry Township, Huron County, now Municipality of Morris-Turnberry, County of Huron, ON (2019)
- Stage 2 Archaeological Assessment, Portland Common, 495-517 Wellington Street West, 31 Portland Street and 510-532 Front Street West, City of Toronto, ON (2018)
- Stage 1-2 Archaeological Assessment, Shopping Plaza Expansion, City of Vaughan, ON (2018)

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# PETER POPKIN, Ph.D., CAHP, MCIfA

# Associate Archaeologist, Team Lead

- Stage 1 Archaeological Assessment of 7070 Derrycrest Drive, Part of Lot 11, Concession 1 West of Centre Road, formerly Toronto Township, County of Peel, now City of Mississauga, Region of Peel Mississauga, ON (2017)
- Stage 1 Archaeological Assessment of 260 King Street East (Lots 1, 2, 3, 4, 5, 6, and Land, Registered Plan D-84, and Town Lot 8 on the South Side of Adelaide Street, and Town Lots 6, 7 and 8 on the North Side of King Street, Town of York Plan), Toronto, ON (2016)
- Stage 2 Archaeological Assessment of 543-553 Richmond Street West (Part of Lot 7 and Lots 8-13, Block A, Part of Private Lane, Block B, Lot 14, Block C, and Lots 15-25, Block D, Registered Plan D-1303) Toronto, ON (2016)
- Stage 1 Archaeological Assessment of 572 Church Street, Part of Lot 5, Registered Plan D-275, Toronto, ON (2016)
- Stage 1 Archaeological Assessment of 15 Duncan Street and 166 Pearl Street, Part of Block C, Registered Plan 223E, Toronto, ON (2016)
- Stage 1 Archaeological Assessment of Hydro One Corridor near Jonesville Crescent and Eglinton Avenue, Part of Lot 5, Concession 3 from the Bay, and Part of Lot 1, Concession 4 East of Yonge, Formerly York Township, York County now City of Toronto, ON (2016)
- Stage 2 Archaeological Assessment of Hydro One Corridor near Jonesville Crescent and Eglinton Avenue, Part of Lot 5, Concession 3 from the Bay, and Part of Lot 1, Concession 4 East of Yonge, Formerly York Township, York County now City of Toronto, ON (2016)
- Stage 2-3 Archaeological Assessment, 92 Front Street East, St. Lawrence Market North, Part of the Market Block, Town of York Plan, City of Toronto, ON (2016)
- Stage 1-2 Archaeological Assessment, 2100 Brant Street, Part of Lot 3 (Plan 99), Brant's Block, former Township of Nelson, Halton County, now City of Burlington, Halton Region, ON (2016)
- Stage 1-2 Archaeological Assessment, Southeastern Part of Lot 32, Concession 11, formerly Vaughan Township in York County, now City of Vaughan, ON (2016)
- Stage 3 Archaeological Assessment, Site AlHh-3, Part of Lot 9, Concession 1, former Township of Turnberry, now Municipality of Morris-Turnberry, Huron County, ON (2016)
- Stage 4 Archaeological Mitigation, Harrison House (AjHb-86), Part of Lot 5, Concession 1, Division G, formerly Guelph Township, Wellington County, now City of Guelph, ON (2018). The Stage 4 mitigation of the Harrison House site (AjHb-86) was conducted on behalf of the University of Guelph in advance of the proposed relocation of the Turfgrass Institute from its location at Victoria Road, Guelph, to a 30 acre (12.4 ha) site on the University of Guelph Arboretum property, north of College Avenue East. This archaeological assessment was conducted as a standard condition of development approval under the Planning Act (1990) and the City of Guelph Official Plan.
- Stage 3 Archaeological Assessment, Harrison House (AjHb-86), Part of Lot 5, Concession 1, Division G, formerly Guelph Township, Wellington County, now City of Guelph, ON (2016). The Stage 3 archaeological assessment of the Harrison House site (AjHb-86) was conducted on behalf of the University of Guelph in advance of the proposed relocation of the Turfgrass Institute from its location at Victoria Road, Guelph, to a 30 acre (12.4 ha) site on the University of Guelph Arboretum property, north of College Avenue East. This archaeological assessment was conducted as a standard condition of



# Associate Archaeologist, Team Lead

development approval under the Planning Act (1990) and the City of Guelph Official Plan.

- Stage 1-2 Archaeological Assessment, University of Guelph Maintenance Compound, Part of Lot 9, Concession 1, Division G, formerly Guelph Township, Wellington County, now City of Guelph, ON (2016). A Stage 1 archaeological assessment was conducted on behalf of the Walterfedy, in advance of the proposed redevelopment of the University of Guelph's Grounds Storage Facility, at the municipal address of 290 Stone Road East, Guelph. This archaeological assessment was conducted as a standard condition of development approval under the Planning Act (1990) and Section 3.5.10 the City of Guelph OP as part of site plan approval. The Stage 2 archaeological assessment of the western portion of the Project Area was completed through test pit survey at 5 m intervals.
- Stage 1 Archaeological Assessment, 150-158 Pearl Street, Part of Block C, Registered Plan 223E, Toronto, ON (2015)
- Stage 1 Archaeological Assessment, 8-20 Widmer Street, Part of Lot 28 and Lots 29-33, Registered Plan 84, Toronto, ON (2015)
- Stage 1 Archaeological Assessment, University of Guelph Turfgrass Institute Relocation, Part of Lots 4 and 5, Concession 1, Division G, formerly Guelph Township, Wellington County, now City of Guelph, ON (2015).
- Stage 2 Archaeological Assessment, University of Guelph Turfgrass Institute Relocation, Part of Lots 4 and 5, Concession 1, Division G, formerly Guelph Township, Wellington County, now City of Guelph, ON (2015). This Stage 2 archaeological assessment was conducted on behalf of the University of Guelph in advance of the proposed relocation of the Turfgrass Institute from its location at Victoria Road, Guelph, to a 30 acre (12.4 ha) site on the University of Guelph Arboretum property, north of College Avenue East. This archaeological assessment was conducted as a standard condition of development approval under the Planning Act (1990) and the City of Guelph OP.
- Stage 1-2 Archaeological Assessment, Part of Lot 1, Concession B, formerly Turnberry Township, now Township of North Huron, Huron County, ON (2015)
- Stage 1-2 Archaeological Assessment, Wingham and Area Industrial Land Strategy, part of Lots 1, 2 and 3, Concession B and part of Lot 24, Concession 8 in the former Township of Turnberry, now Township of North Huron, and part of Lots 4, 5, 6, and 7, Concession B, and part of Lot 9, Concession 1, former Township of Turnberry, now Municipality of Morris-Turnberry, County of Huron, ON (2015)
- Stage 1 Archaeological Assessment of 954-970 Scarlett Road, Toronto, ON (2014)
- Stage 1 Archaeological Assessment of Ramsden Park, 1020 Yonge Street, Toronto, ON (2014)
- Stage 1 Archaeological Assessment of 543-553 Richmond Street West, Toronto, ON (2014)
- Stage 3 Archaeological Assessment, Landmart H1 (AkGw-473) and Landmart H2 (AkGw-474), Lot 16, Concession 3 WHS, within the Mount Pleasant Secondary Plan Area, Block Plan Area No. 51-52, former Geographic Township of Chinguacousy (South), Historical County of Peel, now the City of Brampton, Regional Municipality of Peel, ON (2014)



# Associate Archaeologist, Team Lead

- Stage 4 Archaeological Mitigation, Landmart H1 (AkGw-473), Lot 16, Concession 3 WHS, within the Mount Pleasant Secondary Plan Area, Block Plan Area No. 51-52, former Geographic Township of Chinguacousy (South), Historical County of Peel, now the City of Brampton, Regional Municipality of Peel, ON (2014)
- Stage 4 Archaeological Mitigation, Landmart H2 (AkGw-474), Lot 16, Concession 3 WHS, within the Mount Pleasant Secondary Plan Area, Block Plan Area No. 51-52, former Geographic Township of Chinguacousy (South), Historical County of Peel, now the City of Brampton, Regional Municipality of Peel, ON (2014)
- Stage 1 Archaeological Assessment, Wingham and Area Industrial Land Strategy, Wingham and Lower Town, Municipality of Morris-Turnberry and Township of North Huron, Huron County, ON (2014)
- Stage 2 Archaeological Assessment, 175 Brant Road, Part of Lot 13, Concession 2, former Geographic Township of South Dumfries, County of Brant, ON (2014)

#### Licensed Archaeologist and Senior Reviewer (QA/QC)

- Stage 1 Archaeological Assessment: Proposed Cellular Tower C6704, 401
   Allanburg Road, Part of Lot 71, former Township of Thorold, County of Welland, now City of Thorold, Region of Niagara, ON (2019)
- Stage 1 Archaeological Assessment: Proposed Cellular Tower C3188, 1669
   Beaver Dams Road, Part of Lot 32, former Township of Thorold, County of Welland, now City of Thorold, Region of Niagara, ON (2019)

#### Archaeology Project Manager, Licensed Archaeologist, Senior Reviewer (QA/QC)

- Stage 1-2 Archaeological Assessment: Waterdown Residence, 518 Dundas Street East, Hamilton, Ontario. Part of Lot 2, Concession 3, former East Flamborough Township, Wentworth County, now City of Hamilton, ON (2019)
- Stage 1 Archaeological Assessment, Valero Bulk Petroleum Terminal Town of Whitby, Regional Municipality of Durham (2019). Stage 1 archaeological assessment in association with a Municipal Site Plan Approval application for an 18 hectare property at 1818 Hopkins Street, Whitby, on behalf of Valero Energy Inc.

# Licensed Archaeologist, Senior Reviewer (QA/QC)

- Stage 3 Archaeological Assessment, Location 2 (AgHb-267), Kennedy Farm Township of Brantford, Brant County, ON (2018). The Stage 3 archaeological assessment of the Euro-Canadian archaeological site Location 2 (AgHb-267) was completed in support of a Draft Plan of Subdivision Application under the Planning Act and the Provincial Policy Statement. The Stage 3 archaeological assessment resulted in the recovery of 1,929 Euro-Canadian artifacts. The archaeological site was determined to retain cultural heritage value or interest and recommended for Stage 4 archaeological mitigation.
- Stage 4 Archaeological Mitigation, Location 2 (AgHb-267), Kennedy Farm Township of Brantford, Brant County, ON (2018). The Stage 4 archaeological mitigation of the Euro-Canadian archaeological site Location 2 (AgHb-267) was completed in support of a Draft Plan of Subdivision Application under the Planning Act and the Provincial Policy Statement. The mitigation of the Euro-Canadian occupation of Location 2 (AgHb-267) resulted in the recovery of 10,406 artifacts interpreted as deposits associated with a homestead owned by the Cockshutt family with an occupation from the mid to late 19<sup>th</sup> century.
- Stage 1 and Stage 2 Archaeological Assessment: Kennedy Farms Additional Land Township of Brantford, Brant County, ON (2017)

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# PETER POPKIN, Ph.D., CAHP, MCIfA

# Associate Archaeologist, Team Lead

#### **Report Author**

 Archaeological Overview Assessment, Blanca Street, North of Belmont Avenue to End of Cul-De-Sac, Vancouver, BC (2014)

#### Archaeology Project Manager, Senior Reviewer (QA/QC)

- Archaeology and Heritage Features Working Paper, Downtown Rapid Transit Expansion Study (DRTES) Phase 2 Toronto, ON (2013)
- Archaeology and Cultural Heritage Review, Yonge Street Highway 401 Interchange Functional Planning Study (PT11-796) Toronto, ON (2013)

#### Project Archaeologist, Report Author

- Stage 1 Archaeological Assessment of 24 Mercer Street, Toronto, ON (2013)
- Stage 1 Archaeological Assessment of 629,633,675 Eastern Avenue, Toronto, ON (2013)
- Stage 1 Archaeological Assessment of 305-319 King Street West, Toronto, ON (2013)
- Stage 1 Archaeological Resource Assessment of 28 Bathurst Street, Toronto, ON (2012)
- Stage 1 Archaeological Resource Assessment of 525 Adelaide Street West, Toronto, ON (2012)
- Stage 1 Archaeological Resource Assessment of 171 East Liberty Street, Toronto, ON (2012)
- Stage 1 Archaeological Resource Assessment of 281 Front Street East and 43 Parliament Street, Toronto, ON (2012)
- Stage 1 Archaeological Resource Assessment of 60 Atlantic Avenue, Toronto, ON (2012)
- Stage 1 Archaeological Resource Assessment of 1,3,5,7,9 Sultan Street and 11 St. Thomas Street, Toronto, ON (2012)
- Stage 1 Archaeological Resource Assessment of 251-255 King Street East and 37 Sherbourne Street, Toronto, ON (2012)
- Stage 1 Archaeological Resource Assessment of Bay Adelaide Centre East Tower Podium, Toronto, ON (2012)
- Stage 1 Archaeological Resource Assessment of 619-621 King Street West, Toronto, ON (2012)
- Stage 2 Victoria Memorial Square Revitalization 1902 Veterans' Monument Upgrades, Toronto, ON (2012)
- Stage 1 Archaeological Resource Assessment of 520 Richmond Street West, Toronto, ON (2012)
- Stage 1 Archaeological Resource Assessment of 283 Adelaide Street West, Toronto, ON (2012)
- Stage 1 Archaeological Resource Assessment of 619 Queen Street West, Toronto, ON (2012)



#### Associate Archaeologist, Team Lead

- Stage 1 Archaeological Resource Assessment of 48 Power Street, Toronto, ON (2012)
- Stage 1 Archaeological Resource Assessment of 321-333 King Street East, Toronto, ON (2012)
- Stage 1 Archaeological Resource Assessment of 620 King Street West, Toronto, ON (2011)
- Stage 1 Archaeological Resource Assessment of 310-318 Richmond Street West, Toronto, ON (2011)

#### Highway and Transportation

Stage 4 Archaeological Assessment, 407 East Expansion, Phase 1, CH35 (AlGr-314), Part of Lot 6, Concession 6, Geographic Township of East Whitby, Oshawa, ON (2016). Licensed Archaeologist - Archaeological assessment undertaken as part of an Individual Environmental Assessment in support of the MTO Highway 407 East Expansion Project, Phase 1.

Stage 4 Archaeological Assessment, 407 East Expansion, Phase 1 CH36 (AlGr-315), Part of Lot 8, Concession 6, Geographic Township of East Whitby Oshawa, ON (2016). Licensed Archaeologist - Archaeological assessment undertaken as part of an Individual Environmental Assessment in support of the MTO Highway 407 East Expansion Project, Phase 1.

Stage 4 Archaeological Assessment, 407 East Expansion, Phase 1 WH62 (AlGs-459), Part of Lot 14, Concession 6, Geographic Township of Pickering Regional Municipality of Durham, ON (2015). Licensed Archaeologist - Archaeological assessment undertaken as part of an Individual Environmental Assessment in support of the MTO Highway 407 East Expansion Project, Phase 1.

Stage 2 Archaeological Assessment, 6225 Coronation Road, Part of Lot 32, Concession 6, Geographical Township of Whitby, former County of Ontario, Whitby, ON (2014). Licensed Archaeologist - Archaeological assessment undertaken as part of an Individual Environmental Assessment in support of the MTO Highway 407 East Expansion Project, Phase 1.

#### Marine Archaeological Assessments

Marine Archaeological Assessment (License 2021-20), Cootes Paradise, Princess Point Embayment Located in part of Lots 20-21, Concessions 1 & 2 in the Geographic Township of Barton, Wentworth County, Now in the City of Hamilton, Ontario (2021-2023). Archaeology Task Lead and Senior Technical Reviewer (QA/QC) – Marine Archaeological Assessment as part of the remediation workplan for Chedoke Creek. This assessment was triggered by an MECP Director's Order: 1-PE3L3 under the Environmental Protection Act and Ontario Water Resources Act and was conducted prior to dredging.

Marine Archaeological Assessment (License 2021-22), South Niagara Falls Wastewater Treatment Plant, Phase 2 Lands, Welland River along Lots 7 to 9 Broken Front on Chippewa Creek, Geographic Township of Willoughby, Former County of Welland, now the City of Niagara Falls, Regional Municipality of Niagara, Ontario (2021-2022). Archaeology Task Lead and Senior Technical Reviewer (QA/QC) – Marine Archaeological Assessment on behalf of Niagara Region to complete cultural heritage and archaeological consulting services in support of the Schedule "C" Municipal Class Environmental Assessment for the proposed South Niagara Falls



# Associate Archaeologist, Team Lead

Wastewater Treatment Plant (WWTP) and associated infrastructure in the City of Niagara Falls and City of Thorold, Niagara Region, Ontario.

#### Renewable Energy

Stage 1-2 Archaeological Assessment, Proposed Solar Development on the Veurink Lands Renewal Energy Approval (O.Reg 359/09) Haldimand County, ON.

Archaeology Project Manager and Licensed Archaeologist - Archaeology Project Manager and Licensed Archaeologist for Stage 1-2 Archaeological Assessment.

Disco Road Organics Processing Facility, Toronto, ON (2015). Archaeology Project Manager and Licensed Archaeologist - Archaeological assessment of potential undertaken to meet MCM requirements in support of a Renewable Energy Approval associated with the Disco Road Organics Processing Facility, a City of Toronto biogas facility situate atop a landfill.

Ontario Wind Turbines, ON (2013-2015). Senior Archaeologist - Archaeological support for large wind turbine energy developments in southwestern Ontario including the Samsung Pattern Armow Wind Energy Project, Bruce County

#### Oil and Gas Midstream

Stage 1 and 2 Archaeological Assessment Portfolio, Imperial Oil Integrity Dig, Multiple Locations in Southwestern Ontario (2019-2020). Archaeology Project Director, Senior Review (QA/QC) - Multiple Stage 1 & 2 archaeological assessments associated with pipeline integrity work for Imperial Oil Limited along the Sarnia Products Pipe Line (SPPL) Nominal Pipe Size (NPS) 12 Waterdown to Finch corridor as a due diligence measure to avoid potential impacts to archaeological resources. Integrity Dig Locations: 1-6460-2018 (Dig 1), 2-40590-2018 (Dig 2), 117-14780-2018 (Dig 117), 118-45830-2018 (Dig 118) (2020).

Stage 1 and 2 Archaeological Assessment Portfolio, Imperial Oil Integrity Dig, Multiple Locations in Southwestern Ontario (2019-2020). Licensed Archaeologist, Senior Review (QA/QC) - Multiple Stage 1 & 2 archaeological assessments associated with pipeline integrity work for Imperial Oil Limited along the Sarnia Products Pipe Line (SPPL) Nominal Pipe Size (NPS) 12 Waterdown to Finch corridor as a due diligence measure to avoid potential impacts to archaeological resources. Integrity Dig Locations: 122-29230-2018 (Dig 122), 123-41370-2018 (Dig 123), 124-43800-2018 (Dig 124), 125-17950-2018 (Dig 125), 126-38280-2018 (Dig 126), 127-13830-2018 (Dig 127), 128-202040-2018 (Dig 128), 129-28110-2018 (Dig 129) (2020).

Stage 1 and 2 Archaeological Assessment Portfolio, Imperial Oil Integrity Dig, Multiple Locations in Southwestern Ontario (2019-2020). Senior Review (QA/QC) - Multiple Stage 1 & 2 archaeological assessments associated with pipeline integrity work for Imperial Oil Limited along the Sarnia Products Pipe Line (SPPL) Nominal Pipe Size (NPS) 8 (Molson Jet Fuel) corridor as a due diligence measure to avoid potential impacts to archaeological resources. Integrity Dig Location: 11-2630-2018 (Dig 11), 12-3850-2018 (Dig 12), 13-11190-2018 (Dig 13), 14-570-2018 (Dig 14) (2020).

Stage 1 and 2 Archaeological Assessment Portfolio, Imperial Oil Integrity Dig, Multiple Locations in Southwestern Ontario (2019-2020). Licensed Archaeologist, Senior Review (QA/QC) - Multiple Stage 1 & 2 archaeological assessments associated with pipeline integrity work for Imperial Oil Limited along the Sarnia Products Pipe Line (SPPL) Nominal Pipe Size (NPS) 8 (Molson Jet Fuel) corridor as a due diligence measure to avoid potential impacts to archaeological resources. Integrity Dig Location: 5-4480-2018 (Dig 5), 6-6390-2018 (Dig 6), 7-6520-2018 (Dig 7), 15-15208-2018 (Dig 15) (2020).

#### Archaeology Project Manager, Licensed Archaeologist

 Stage 1-2 Archaeological Assessment: Proposed Natural Gas Pipeline to Serve Southern Bruce, Temporary Mainline Components, Parts of Various Lots and



# Associate Archaeologist, Team Lead

- Concessions, Multiple Lower Tier Municipalities, Bruce and Grey Counties, ON (2019)
- Stage 2 Archaeological Assessment: Proposed Natural Gas Pipeline to Serve Southern Bruce, Mainline Component. Geographical Townships of Bruce, Greenock, Brant, Elderslie, Bentinck, and Sullivan, now Municipality of Kincardine, Municipality of Brockton, Municipality of Arran-Elderslie, Municipality of West Grey, and Township of Chatsworth, Bruce and Grey Counties, ON (2019)
- Stage 3 Archaeological Assessment: The McCurdy Site (BbHh-11), Southern Bruce Natural Gas Pipeline Project, Part of Lot 5, Concession 1, Geographic Township of Elderslie, now Municipality of Arran-Elderslie, Bruce County, ON (2019)
- Stage 1-2 Archaeological Assessment, Proposed Pipeline to Serve the Community of Fenelon Falls, Additional Temporary Work Spaces Sunderland Extension. Parts of Various Lots and Concessions, Geographic Township of Brock, now part of the Regional Municipality of Durham, and the Geographic Township of Mariposa, now the City of Kawartha Lakes, ON (2019). A Stage 1-2 archaeological assessment for four temporary work spaces (TWS) and a construction yard associated with the Sunderland Extension of the Proposed Pipeline to serve the community of Fenelon Falls on behalf of Enbridge Gas.
- Stage 1-2 Archaeological Assessment, Proposed Pipeline to Serve the Community of Fenelon Falls, Additional Temporary Workspaces TWS5 and TWS6 and Odorant Remediation Area Sunderland Extension. Part of Lot 19 and 20, Concession 5, and Lot 19, Concession 6, Geographic Township of Brock, former Ontario County, now Regional Municipality of Durham, ON (2019). A Stage 1-2 archaeological assessment for two temporary work spaces (TWS), TWS5 and TWS6, and one temporary remediation area (Odorant Remediation Area) associated with the Network 4310 Low Odorant Remediation project as part of a proposed Enbridge natural gas pipeline for the Sunderland



#### Associate Archaeologist, Team Lead

Reinforcement from Sunderland to the corner of Farmstead and Station Roads, near Manilla, Ontario.

- Additional Stage 2 Archaeological Assessment for Station 130, Part of Lot 29, Concession 6, Formerly Vaughan Township, York County, now City of Vaughan, Regional Municipality of York, ON (2019)
- Additional Stage 1 Archaeological Assessment for Station 130, Part of Lot 29, Concession 6, Formerly Vaughan Township, York County, now City of Vaughan, Regional Municipality of York, ON (2018)
- Stage 1-2 Archaeological Assessment: TransCanada MLV 501-3 Launcher and Receiver Project Township of St. Clair, Lambton County, ON (2018)
- Stage 3 Archaeological Assessment: TransCanada Southern Ontario Cathodic Protection Program (Location 1 BbGi-27) City of Belleville, ON (2018)
- Stage 4 Mitigation: TransCanada Southern Ontario Cathodic Protection Program (R138+15.38) Location 1 (BbGi-27) City of Belleville, ON (2018)
- Stage 1-2 Archaeological Assessment of seven pipeline maintenance locations and their affiliated access routes Haldimand County and City of Hamilton, ON (2016)
- Stage 1-3 Archaeological Assessment of 10 pipeline maintenance locations and their affiliated access routes Haldimand County and City of Hamilton, ON (2015)

#### Aggregate Resources Act

#### Archaeology Project Manager, Licensed Archaeologist

- Stage 1-2 Archaeological Assessment, under the Ontario Aggregates Resources Act: Lafarge Goodwood Extension Property, 4900 4th Concession, Municipality of Uxbridge, Region of Durham, ON (2019). A Stage 1-2 archaeological assessment in support an official plan amendment application on a 18 hectare Lafarge Goodwood Property immediately north of the existing Lafarge Goodwood Pit.
- Stage 1-2 Archaeological Assessment, under the Ontario Aggregates Resources Act: Lafarge Brantford Extension Property Brant County, ON (2019). A Stage 1-2 archaeological assessment in support of an official plan and zoning by-law amendment application as well as a proposed license application for a Category 1, Class A pit below water. A single Euro-Canadian archaeological site was identified during the Stage 2 archaeological survey however the cultural heritage value or interest of the site was sufficiently documented through the Stage 2 archaeological assessment and no further archaeological work was recommended.
- Stage 1-2 Archaeological Assessment, under the Ontario Aggregates Resources Act: Lafarge Glen Morris Property, Brant County, ON (2019)
- Stage 1-2 and 3 Archaeological Assessment, under the Ontario Aggregates Resources Act: Pinkney Pit South, Part of Lot 13, Concession 5, West Side Centre Road, Former Township of Caledon, County of Peel, now Town of Caledon, Regional Municipality of Peel, ON (2017)

#### Northern Ontario and Mining Assessments

Gap Analysis of Environmental Baseline Programs – Archaeology (2021). Senior Reviewer (QA/QC) - Archaeological gap analysis of the previous archaeological work done in association with the Goliath Gold project, the Goldlund Gold project and the Miller Gold project, collectively known as the Goliath Gold Complex.

Archaeology Technical Memo – Upper Beaver Project Impact Assessment Phase II Baseline Study. Senior Reviewer (QA/QC) - Review of relevant mapping and archaeological assessments related to the Upper Beaver Project Impact Assessment



# Associate Archaeologist, Team Lead

Phase II Baseline Study to determine if there are gaps in coverage and determine if there are any outstanding archaeological requirements for the Upper Beaver Project.

Stage 1 Archaeological Assessment, Station 119 Compressor Station Modification Project, Part of Lots 9 and 10, Concession 5 and Part of Lots 9 and 10, Concession 6, Geographic Township of Strong, District of Parry Sound, ON (2019). Archaeology Project Manager and Licensed Archaeologist - Stage 1 archaeological assessment of Station 119 Compressor Station in the District of Parry Sound for TransCanada PipeLines Limited in advance of infrastructure modifications proposed as part of the Station 119 Compressor Station Modifications Project.

Stage 1-2 Archaeological Assessment: Crocodile Creek, Additional Work, Lot 5, Concession 2, Township of Chamberlain, District of Temiskaming, ON (2018). Archaeology Project Manager and Licensed Archaeologist - Stage 1-2 archaeological assessment of additional temporary workspace required for TransCanada PipeLines Limited remediation of a portion of existing infrastructure near Crocodile Creek, District of Temiskaming, Ontario.

Stage 1-2 Archaeological Assessment: Prince 230 kV Structure Replacement, Class Environmental Assessment for Minor Transmission Facilities. District of Algoma, ON (2018). Archaeology Project Manager and Senior Reviewer (QA/QC) - Stage 1 background study and Stage 2 test pit survey in advance of transmission corridor structure replacement by Brookfield Renewable in the District of Algoma, Ontario. The archaeological assessment was conducted in support of a Class Environmental Assessment for Minor Transmission Facilities under the Environmental Assessment Act.

Stage 1-2 Archaeological Assessment: Serpent 11k kV Structure Replacement, Class Environmental Assessment for Minor Transmission Facilities District of Algoma, ON (2018). Archaeology Project Manager and Senior Reviewer (QA/QC) - Stage 1 background study and Stage 2 test pit survey in advance of transmission corridor structure replacement by Brookfield Renewable in the District of Algoma, Ontario. The archaeological assessment was conducted in support of a Class Environmental Assessment for Minor Transmission Facilities under the Environmental Assessment Act.

Stage 1 Archaeological Assessment – Corridor Alternatives, Wataynikaneyap Power L.P. New Transmission Line to Pickle Lake Project, District of Kenora, ON (2017). Archaeology Project Manager, Licensed Archaeologist, Senior Reviewer (QA/QC) - A Stage 1 archaeological assessment was completed for Wataynikaneyap Power L.P., a partnership between Central Corridor Energy Group which represents 22 First Nations communities, FortisOntario Inc. and Renewable Energy Systems Canada Inc. for the New Transmission Line to Pickle Lake Project – Corridor Alternatives, as part of the Individual Environmental Assessment required under the Environmental Assessment Act. The project involved the study of two alternative corridors with areas of 63,445 hectares and 65.381 hectares.

Stage 1 Archaeological Assessment, Wataynikaneyap Power New Transmission Line to Pickle Lake Project, District of Kenora, ON (2014). Archaeology Project Manager, Licensed Archaeologist, Senior Reviewer (QA/QC) - A Stage 1 archaeological assessment was completed for Wataynikaneyap Power, a partnership between Central Corridor Energy Group which represents 18 First Nations communities, and Goldcorp Canada Ltd., as part of the Individual Environmental Assessment required under the Environmental Assessment Act. The project study area was two kilometres wide and approximately 300 kilometres long extending from Dinowic (east of Dryden) north to terminate at Pickle Lake, Ontario.

Stage 2 Archaeological Assessment, Gowest Bradshaw Project, Part of Prosser and Tully Townships, Cochrane District, ON (2015). Internal Reviewer (QA/QC) - Stage 2 archaeological assessment of the Bradshaw project area located approximately 42



#### Associate Archaeologist, Team Lead

kilometres north of Timmins, Ontario, as part of the environmental baseline studies for Advanced Exploration.

Stage 1 Archaeological Assessment, Gowest Bradshaw Project, Part of Prosser and Tully Townships, Cochrane District, ON (2014). Internal Reviewer (QA/QC) - Stage 1 archaeological assessment of the Bradshaw project area located approximately 42 kilometres north of Timmins, Ontario, as part of the environmental baseline studies for Advanced Exploration.

#### Cultural Heritage

#### Heritage Planning

Cultural Heritage Resource Assessment for the Southeast Georgetown Secondary Plan (2021). Senior Reviewer (QA/QC) - Senior review (QA/QC) for a Cultural Heritage Resource Assessment in support of the Southeast Georgetown Secondary Plan, a 131-acre plot in the Town of Halton Hills.

Sir Adam Beck 1 Generating Station, Strategic Conservation Plan, Ontario Power Generation, Town of Niagara-on-the-Lake, Regional Municipality of Niagara, Ontario (2018). Senior Reviewer (QA/QC) - Strategic Conservation Plan for the Sir Adam Beck 1 Generating Station.

Bloor West Village Heritage Conservation District Study, City of Toronto, Ontario (2017-2018). Senior Reviewer (QA/QC) - Heritage Conservation District Study for a prominent neighbourhood in the City of Toronto.

#### Heritage Impact Assessment

Heritage Impact Assessment for 150 Randall Street, 125 Navy Street, and 143 Church Street, Town of Oakville, Ontario (2020). Senior Reviewer (QA/QC) - Senior review for a Heritage Impact Assessment of a proposed mixed-use development on adjacent heritage properties and the Downtown Oakville Heritage Conservation District.

#### Transit Project Assessment Process (TPAP)

Metrolinx OnCorr, Cultural Heritage Report for Galloway Road Grade Separation and Poplar Road Vehicle Crossing Closure, City of Toronto, ON (2020). Senior Reviewer (QA/QC) - Cultural Heritage Report undertaken for Metrolinx triggered under Ontario Regulation 231/08 for Transit Projects and Greater Toronto Transportation Authority Undertakings (Transit Projects Regulation) as part of the Lakeshore East Corridor Expansion Project Transit Project Assessment Process (TPAP).

Metrolinx OnCorr, Cultural Heritage Reports for Wellington Grade Separation and McNaughton Grade Separation, Town of Aurora and City of Vaughan, ON (2020). Senior Reviewer (QA/QC) - Cultural Heritage Report undertaken for Metrolinx triggered under Ontario Regulation 231/08 for Transit Projects and Greater Toronto Transportation Authority Undertakings (Transit Projects Regulation) as part of the Barrie Rail Corridor Expansion Project Transit Project Assessment Process (TPAP) Addendum.

#### **Environmental Assessment**

Speedvale Avenue East Reconstruction EA, Cultural Heritage Assessment Report: Existing Conditions and Impact Assessment, City of Guelph, Ontario (2020). Senior Reviewer (QA/QC) - Cultural Heritage Assessment Report for City of Guelph in support of the Speedvale Avenue East Reconstruction Municipal Class Environmental Assessment.

Gordon Dean Avenue – Municipal Class EA, MTCS Checklist and Memo, City of Hamilton, Ontario (2020). Senior Reviewer (QA/QC) - Cultural Heritage memo in



# Associate Archaeologist, Team Lead

support of the Municipal Class Environmental Assessment for the proposed Gordon Dean Avenue and Collector Road 'B' project in the City of Hamilton, Ontario.

West Street and Charing Cross Street Municipal Class EA, Cultural Heritage Assessment Report: Existing Conditions and Impact Assessment, City of Brantford, Ontario (2020). Senior Reviewer (QA/QC) - Cultural Heritage Assessment Report for the City of Brantford in support of a Municipal Class Environmental Assessment for the West Street and Charing Cross Street intersection improvement project.

#### **TRAINING**

Enbridge's 2020 Contractor Safety and Environmental Orientation	
Ethics and Business Conduct	2019
Cybersecurity Awareness Training	2019
Standard First Aid - CPR C - AED Blended, St. John Ambulance	2018
Leadership Skills for PMs: Managing the Team and Client	2018
From Contacts to Contracts – Scoping and Selling New Projects	2018
Applying Stantec's Project Management Framework	2018
Quality Assurance and Quality Control	2017
Technical Writing Module 1 to 4	2017
Green Defensive Driving Course Online	2017
Hazard Recognition, Assessment, and Control (HRAC) and Influencing Employees to Choose Safe Behaviours	2017
Safety Leadership: Rights and Responsibilities	2017
Workstation Ergonomics	2017
Ontario's Occupational Health and Safety System Partners	2017
Alcohol and Drug Program Training	2017
Accessible Workplace Training	2017
WHMIS	2017
Client Relationship Essentials	2016
Managing Workplace Injury (OSI)	2015
Leadership in Archaeology Consulting	2014
Project Management Fundamentals	2013
Workplace Violence	2013
Contracts and Liability	2013
AODA - Accessible Customer Service	2013
Health and Safety Modules I, II and III	2013
2011 Standards and Guidelines for Consultant Archaeologists Training Session	2010
Introduction to Foreshore and Underwater Archaeology	2009



# Associate Archaeologist, Team Lead

#### **AWARDS**

Award/distinction Short description if necessary Year

Award/distinction
Short description if necessary

Year

#### **PUBLICATIONS AND PRESENTATIONS**

#### **Publications**

- Worley, F., P. Baker, P.R.W. Popkin, A. Hammon and S. Payne (In Prep.), The Sheep Project (3): Age-at-death estimation from dental evidence, a review in the light of a high resolution known age dataset. Journal of Archaeological Science.
- Popkin, P.R.W. (2018), Mammal, Bird and Amphibian Bone from Roman Phases,
   in: Wilmott, T. and Garner, D. (eds.) The Roman Amphitheatre of Chester Volume
   1: The Prehistoric and Roman Archaeology, Chester Archaeological Excavation and
   Survey Report 16. Oxford: Oxbow Books, pp. 380-410.
- Popkin, P.R.W. (2016), Iron Age Animal Management at Tall Jawa, in: Daviau, M. (ed.) Excavations at Tall Jawa, Jordan. Volume V: Survey, Zooarchaeology and Ethnoarchaeology. Brill, Leiden, 307-461.
- Popkin, P.R.W. and Lemon, C. (2016), St. Lawrence Market North, Toronto. Council for Northeast 2016 Historical Archaeology Newsletter, March 2016, Number 93:20-24.
- Worley, F., P. Baker, P.R.W. Popkin, A. Hammon and S. Payne (2016), The Sheep Project (2): The effects of plane of nutrition, castration and the timing of the first breeding in ewes on dental eruption and wear in unimproved Shetland sheep. Journal of Archaeological Science: Reports, Volume 6, April 2016:862-874.
- Bouthillier, C., C. Colantoni, S. Debruyne, C. Glatz, M.-M. Hald, D. Helsop, E. Kozal, B. Miller, P.R.W. Popkin, J.N. Postgate, C.S. Steele and A. Stone (2014), Further Work at Kilise Tepe, 2007-11: refining the Bronze to Iron Age transition. Anatolian Studies, 64:95-161.
- J. Last, P. Andrews, P. Beswick, C.B. Ramsey, G. Campbell, C. Gleed-Owen, R. Leary, P. Makey, P. Marshall, S. Mays, P. Murphy, P.R.W. Popkin, W. Smith and H. van der Plitch (2014), The Excavation of Two Round Barrows on Longstone Edge, Derbyshire. Derbyshire Archaeological Journal, 134:81-174.
- Popkin, P.R.W. (2013), Hittite Animal Sacrifice: Integrating Zooarchaeological and Textual Analysis, in: Ekroth, G. and Wallensten, J. (eds.) Bones, Behaviour and Belief: The Zooarchaeological Evidence As A Source For Ritual Practice in Ancient Greece and Beyond. Skrifter Utgivna av Svenska Institutet I Athen, 4, 55, 101-114.
- Popkin, P.R.W., P. Baker, F. Worley, S. Payne, and A. Hammon (2012), The Sheep Project (1): 2012 determining skeletal growth, timing of epiphyseal fusion and morphometric variation in unimproved Shetland sheep of known age, sex, castration status and nutrition. Journal of Archaeological Science 39, 1775-1792.
- Popkin, P.R.W. (2012), The Recognition and Interpretation of a Singular Late Bronze Age Animal Sacrifice Event at Kilise Tepe, Turkey, in: Collard, D., Morris, J. and Perego, E. (eds.) Food and Drink in Archaeology 3. Prospect Books: Totnes, pp. 89-98.



# Associate Archaeologist, Team Lead

- Popkin, P.R.W. and Novecosky, B.J. (2005), Canidae Volume Bone Mineral Density Values: An Application to Sites in Western Canada. Journal of Archaeological Science 32, 1677-1690.
- Popkin, P.R.W. (2005), Caprine Butchery and Bone Modification Templates: A Step Towards Standardisation. Internet Archaeology 17.
   <a href="http://intarch.ac.uk/journal/issue17/popkin">http://intarch.ac.uk/journal/issue17/popkin</a> index.html
- Popkin, P.R.W. and Eklund, J. (2004), An Interview with Mike Heyworth, Director of the Council for British Archaeology. Papers from the Institute of Archaeology 15:18-28.

#### **Presentations**

- Policy and Regulations in Ontario Archaeology as Relevant to Zooarchaeological Practice. Invited Seminar presentation for the UCL Zooarchaeology Group Seminar Series, Institute of Archaeology, UCL, UK. 15 March 2021.
- Urban Archaeology in Ontario: Modest Proposals for Improvement. Invited presentation for the Artifacts and Asphalt: MCM Urban Archaeology Workshop as part of the Ontario Archaeological Society 2019 Annual Meeting. Toronto, Ontario. 01 November 2019.
- Waste Disposal Practices in Nineteenth-Century Toronto. Paper presented in the session Archaeology in the City or of the City? An Examination of Urban Archaeology in Ontario, as part of the 2019 Ontario Archaeological Society Annual Conference. Toronto, Ontario. 02 November 2019.
- Archaeology and Heritage in the Pipeline Approval Process. Invited lecture copresented with Meaghan Rivard to Enbridge Gas Distribution Inc. in Markham, Ontario. 12 September 2019.
- Archaeological Requirements in Ontario: Policy and Practice. Lecture presented at the Stantec Energy Mini-Symposium to Oil and Gas clients held in Markham, Ontario. 19 June 2019.
- Archaeology and Cultural Heritage at Stantec. Invited lecture co-presented with Heidy Schopf to the Stantec Urban Places and Architectural Group, Toronto, Ontario, and to the Stantec Community Development Group, Markham, Ontario. 28 June 2018 and 14 September 2018.
- Archaeology in Ontario: Policy and Practice. Invited lecture presented at the 2018
   Ontario Heritage Conference, Sault Ste. Marie. 09 June 2018.
- The Archaeology of St. Lawrence Market North. Invited lecture presented to ROMWalks Education meeting at the Royal Ontario Museum. 17 March 2018.
- The Archaeology of St. Lawrence Market North (AjGu-92), Toronto, Ontario Invited lecture presented to the Hamilton Chapter of the Ontario Archaeological Society. 16 March 2017.
- On-going Excavations at St. Lawrence Market North (AjGu-92), Toronto, Ontario 2017 Key-note lecture at 'Understanding Toronto Through Archaeology: A Public Symposium', organized by Heritage Toronto and Toronto Historic Sites, held at St. Lawrence Hall, Toronto, Ontario. 11 February 2017.
- John Price Bricks and the Brick Industry in Toronto. Invited presentation given at 2016 the Heritage Toronto, 1st Heritage Primer, Short Storeys: What is Heritage? Toronto, Ontario. 12 November 2016.

# wsp

# PETER POPKIN, Ph.D., CAHP, MCIfA

# Associate Archaeologist, Team Lead

- On-going Excavations at St. Lawrence Market North (AjGu-92), Toronto, Ontario paper presented at the Council for Northeast Historical Archaeology 2016 Annual Meeting and Conference, Ottawa, Ontario. 2016.
- Huron County Municipal Workshop Fall 2015: Archaeological Assessments, 2015 workshop presented to 30 municipal staff from Huron, Perth and Middlesex Counties, Ontario. 2015.
- The Sheep Project: Comparison of epiphyseal fusion and tooth eruption and 2015
  wear in sheep of known age, sex, breed and husbandry, co-authored paper presented
  by Polydora Baker at the 36th annual Association for Environmental Archaeology
  IGNITE session, York, UK. 2015.
- Provincial Policy Statement 2014 Incorporation Archaeology, Cultural Heritage 2014 and Aboriginal Interests into Municipal Planning Decisions, seminar presented to municipal planners from 40 municipalities in Ontario. 2014.
- The Sheep Project: recent results on dental maturation and attrition in unimproved 2014 Shetland sheep, co-authored paper presented at the 12th International Conference of Archaeozoology, San Rafael, Mendoza, Argentina. 2014.
- The Sheep Project: investigating the effect of breeding on skeletal maturation, growth, size and shape in unimproved Shetland ewes of know age, nutrition and breeding status, co-authored paper presented at the 12th International Conference of Archaeozoology, San Rafael, Mendoza, Argentina. 2014.
- Re-examining Deer Populations in Ancient Huronia, paper presented at the Canadian Archaeological Association Annual Conference, Montreal, Quebec, Canada. 2012.
- Recording butchery in the 21st century: digital resources and GIS, invited paper 2011 presented at the 11th Professional Zooarchaeology Group meeting, McDonald Institute for Archaeological Research, University of Cambridge, England. 2011.
- The Sheep Project: recent results on skeletal maturation and morphometric variation in unimproved Shetland sheep, invited paper presented at the 11th ICAZ International Conference, Paris. 2010.
- Prehistoric Anatolian Subsistence Practices: Zooarchaeological Evidence, invited paper presented at 'Prehistoric Economies of Anatolia: Subsistence Strategies and Exchange', Workshop at Austrian Academy of Sciences, Vienna. 2009.
- Hittite Ritual Animal Sacrifice: Integrating Zooarchaeology and Textual Analysis, paper presented at 'Bones, Behaviour and Belief. The Osteological Evidence as a Source for Greek Ritual Practice', Swedish Institute at Athens, Greece. 2009.
- The One Sheep Feast: A Late Bronze Consumption Event at Kilise Tepe, Turkey, 2009 paper presented at the 3rd Food and Drink in Archaeology Conference, University of Nottingham, England. 2009.
- Sheep and Goat Identification, Analysis and Interpretation: Late Bronze Age Early Iron Age Transition in Anatolia, Workshop convened and delivered at the British Institute at Ankara. 2009.
- Current Activity of the British Institute at Ankara, invited paper presented to the 4th Treffen Deutschsprachiger Nachwuchswissenschaftler in der Türkei at the Deutsches Archäologisches Institut, Istanbul, Turkey. 2009.
- Canis familiaris Remains from Iron Age Jordan: A Review of the Material and Presentation of Two New Specimens, poster presented at the International Council



# Associate Archaeologist, Team Lead

- for Archaeozoology (ICAZ) International Conference 2006, Mexico City, Mexico. 2006.
- (With Novecosky, B. J.) Interpreting Archaeological Canid Remains Using Volume Bone Mineral Densities, paper presented at the Plains Anthropological Conference, Edmonton, Alberta, Canada. 2005.
- Zooarchaeological Analysis of an Iron Age Site in Jordan Zooming in on Butchery, poster presented at National Archaeology Day, Institute of Archaeology, University College London. 2005.
- Volume Bone Density and its Application to Canid Remains Found in Archaeological Assemblages, paper presented at the Canadian Archaeological Association Annual Conference, Banff, Alberta, Canada. 2001.

#### **MEDIA RELATIONS**

- Excavation of St. Lawrence Market North, Toronto
  - Managed media coverage of the archaeological excavation including a City of Toronto press conference and press release, City of Toronto media tour and local stakeholder tour of the archaeological site
  - Coverage of the project featured by: CTV News, CP24 News, The Toronto Star, Metro, Torontoist, Urban Toronto, Inside Toronto, Spacing Magazine, The Bulletin, Built Heritage News, Canadian Consulting Engineer, St. Lawrence Market Neighbourhood BIA
- The Archaeologist: Featured in Members' News, The Archaeologist 76, 46.
- Mallison Sadler Productions Ltd. In association with ITV (UK), History Television (Canada) and ZDF Enterprises (Germany). Series Title: Deep Wreck Mysteries.
   Episode Title: The Search for the Bone Wreck. On-Screen Zooarchaeological Consultant.
- Yap Films in association with History Television (Canada) and History Channel (UK). Series Title: Trench Detectives/Finding the Fallen 2. Episode Title: Man & Horse. On-Screen Zooarchaeological Consultant.



#### Education

Ph.D. Anthropology, specialization in Archaeology, University of Toronto, Toronto, Ontario, 2006

M.A. Anthropology, University of Manitoba, Winnipeg, Manitoba , 1999

B.A. Anthropology, Honours, University of Alberta, Edmonton, Alberta, 1996

#### Certifications

Professional License to Practice Archaeology in Ontario (P243), Exp. Jan. 5, 2016

Wilderness First Aid Certification, Basic Life Support – CPR Provider A, Exp. Oct. 6, 2016

Canadian Red Cross Standard Firs Aid, Level C, Exp. June 19, 2115

# Golder Associates Ltd. - Mississauga

#### Associate, Senior Archaeologist

Carla Parslow has over 15 years experience in the Cultural Heritage Resource Management, including Aboriginal Engagement and over 20 years experience as an Archaeologist. Dr. Parslow is responsible for the technical review and quality assurance of archaeological, Aboriginal consultation and cultural heritage projects for the Golder's GTA Operations and throughout Ontario. Dr. Parslow has experience in leading teams on small scale projects (< \$20,000) as well as large complex heritage projects (> \$5,000,000).

# **Employment History**

## Golder Associates Ltd. - GTA Operations

Senior Archaeologist (2009 to 2017)

Responsible for the coordination, technical review and quality assurance of archaeological, Aboriginal consultation and cultural heritage projects for the Golder's GTA Operations.

# Ontario Ministry of Transportation – Downsview, Ontario

Regional Archaeologist (2007 to 2009)

Primary responsibilities in this role include participation in the development of ministry archaeological/heritage policy and procedures; fulfil an advisory role to support regional cultural heritage and archaeological work and to provide consultative services to other regions upon request. Carla also was responsible for the management and coordination of the archaeological and cultural heritage elements of MTO projects meet the requirements of the Ontario Heritage Act and Environmental Assessment Act. Carla was also responsible for coordinating and building relationships between the Ministry of Transportation and Aboriginal communities to develop protocols for consultation for ongoing projects. She also liaised, advised and negotiated with senior management, ministry colleagues and external agencies including MOE, MTCS, MAA and MNR.

#### Archaeological Services Inc. – Toronto, Ontario

Assistant Manager, Environmental Assessment Division (2006 to 2007)

Assist the manager of the Environmental Assessment Division with management and coordination of archaeological and heritage assessments. Manage the cultural component for Individual Class EA assessments.

#### University of Toronto – Toronto, Ontario

Sessional Lecturer - ENV236 Human interaction with the Environment (2007)

#### University of Guelph – Guelph, Ontario

Sessional Lecturer - ANTH3650 Prehistory of Canadian Native People (2005)

#### McMaster University – Hamilton, Ontario

Sessional Lecturer - 2H03 Environment and Culture (2005)





#### PROJECT EXPERIENCE - PROJECT DIRECTOR

As an Associate Carla Parslow is qualified to fulfil the role of Project Director in the Cultural Science. As Project Director, Dr. Parslow provides senior review and serves as Quality Assurance/Quality Control for the proposed project. Additionally, Dr. Parslow participates in high level project planning provide support for the Project Manager; assists with major issues, approves potential scope change requests; signs off on major deliverables; and signs off on approvals to proceed to each succeeding project phase. Since 2013, Dr. Parslow has served as Project Director on over 50 Cultural Science projects alone. Some notable projects include:

Highway 407 Expansion Project Ontario Stage 2 through 4 archaeological assessments on behalf of the Ontario Ministry of Transportation valued at \$850,000 (2013 - 2015).

Boler Road Land Development Stage 3 and 4 archaeological assessments in support of Residential Land

evelopment D London, ON

Development valued at \$176,500 (2014).

Landmart H1 (AkGw-473) and Landmart H2

Stage 3 and 4 archaeological assessments in support of Residential Land Development on behalf of Landmart Homes valued at \$82,300(2014).

(AkGw-474) Brampton, ON

**Nyon Industrial Park** 

Port Colborne, ON

Stage 1 and 2 archaeological assessment in support of development of industrial lands values at \$48,500 (2012 - 2014)

# PROJECT EXPERIENCE - CULTURAL SCIENCES

Lafarge - South Dundas Quarry Ontario, Canada Stage 1 and 2 archaeological assessment for the expansion of the Dundas North and Dundas South Quarries (2011).

CBM - St. Marys Ontario, Canada Stages 1 through 3 archaeological assessment for the Darby and Dekoker properties (2010 and 2011).

# PROJECT EXPERIENCE – MINING - ABORIGINAL ENGAGMENT AND ARCHAEOLOGICAL DUE DILIGENCE

Laurentian Gold Quebec, Canada Provide due diligence archaeological assessment (desktop research) prior to drilling in Belmont Township, Quebec. Archaeological activities part of Clients Aboriginal engagement activities.





#### Resumé

## **CARLA PARSLOW**

Laurentian Gold Ontario, Canada Provide due diligence archaeological assessment (desktop research) at two locations for the Proposed Goldpines Project, Ear Falls Township, District of Kenora. Archaeological activities part of Clients Aboriginal engagement activities. (2010)

**Lakeshore Gold Corp** 

Ontario, Canada

Provide a Stage 1 (desktop research) and Stage 2 (property inspection) archaeological assessment for the Bell Creek proposed outfall at Porcupine River. Archaeological activities part of Clients Aboriginal engagement activities. (2010)

**Lakeshore Gold Corp** 

Ontario, Canada

Provide a Stage 1 (desktop research) and Stage 2 (property inspection) archaeological assessment for exploratory drilling in Blakelock Township, District of Cochrane. Archaeological activities part of Clients Aboriginal engagement activities.(2010)

**Gowest Amalgamated** 

Ontario, Canada

Provide support to client on Aboriginal engagement activities. Provided Aboriginal rights and interests document to identify those communities whose Aboriginal or Treaty rights are impacted by the potential project. Also provide support to client in presentations and meetings with community leaders and members.

Osisko Ontario, Canada Provide senior review and support for Aboriginal engagement activities and documentation as required.

Cliffs Natural Resources Ontario, Canada

Assist client in initial engagement with several First Nation and Metis communities by providing reports on Aboriginal Rights and Interests for the Project Location as well as an Engagement Plan. Has also provided information

to client on Traditional Knowledge Studies.

#### PROJECT EXPERIENCE – TRANSPORTATION

Stage 1-4 Archaeological Assessments Haldimand County Onatio, Canada Archaeological component lead for the Wind Energy project totaling \$6 million in archaeological work. Duties involved providing technical review for Stage 3 and 4 reports; client communications; liaison with MTCS; and leading a team of archaeologists to complete the project and provide construction monitoring. (2012-2014)

Stage 1 Archaeological Assessment Niagara Region

Ontario, Canada

Project Director and Senior Reviewer for a Stage 1 archaeological assessment for a corridor approximately two kilometres in length along Regional Road 102 (Staley Avenue), City of Niagara, R.M. of Niagara, Ontario. This Stage 1 assessment was undertaken as part of a Schedule 'C' Municipal Class Environmental Assessment (Class EA). (2013)

Stage 1 – 4
Archaeological
Assessments Middlesex, Welland,
East Durham, Huron,
and Bruce County
Ontario, Canada

Project Manager for six major Wind Energy projects managing a combined budget of \$2.3 million. Project Management involved delivery of Stage 1 and 2 program for the various project. Also includes Project Management for Stage 3 and 4 archaeological assessments. Duties include scheduling and budgeting of projects; providing senior review for archaeological reports; client communications; liaison with MTCS. (2012-2013)





#### Feasibility Study, City of Toronto Ontario, Canada

Archaeological/Cultural Heritage lead conduct an archaeological and cultural heritage review of the Yonge Street - Highway 401 Interchange Functional Planning Study (PT11-796) study area as part of a larger planning assessment study designed to inform planning decisions affecting the preferred configuration and alignment of the proposed interchange. (2013)

#### Feasibility Study, City of Toronto Ontario, Canada

Archaeological/Cultural Heritage senior reviewer to conduct an archaeological and cultural heritage review of the Downtown Rapid Transit Study (TTC Contract No. G85-275) study area as part of a larger planning assessment study. (2012)

#### Stage 1-2 Archaeological Assessment St. Catharines, ON Ontario, Canada

Project manager for Stage 1 background research and Stage 2 property assessment for two proposed sanitary sewer easements within the hydro corridor along Glen Morris Drive, in the City of St. Catharines, Ontario. Primary client contact, managed budgets and scheduling, and provided senior technical review for reports. (2011)

## Stages 1 - 3 archaeological assessment Durham Region Ontario, Durham Region, Canada

Proposed realignment of 4th Concession Road, Managed the Stage 1 - 2 archaeological assessment of property and Stage 3 archaeological assessment of one Euro-Canadian site. Conducted field review (Stage 1) for the project. (2011)

## Heritage and Archaeological Features Assessment -Metrolinx Georgetown South Extension Ontario, GTA, Canada

Project Coordinator for Stage 2 archaeological assessment and heritage bridge assessments. Managed Stage 2 archaeological assessment and archaeological monitoring plan for construction withing the railway right of way (2010-2011).

# Stage 1 - 4 archaeological assessment for the proposed Catholic Cemetery for the Diocese of Hamilton Ontario, Halton Region,

Canada

Canada

Project manager for Stages 1 and 2 for part of Lot 1, Concession 2 new survey Geographical Township of Trafalgar, now town of Milton, Regional Municipality of Halton, Ontario. Project manager for Stage 3 and 4 of Location 11 (AiGw-539), a mid-19th century Euro-Canadian homestead. (2009-2010).

Stage 1 and 2
archaeological
assessment for the
proposed Silverbrook
Homes Subdivision
located on a 4.75
hectare parcel on Elgin
Mills Road in the Town
of Richmond Hil
Ontario, R.M. of York,

Project Manager for Stage 1 and 2 archaeological assessments. Project management includes communications with Pitura Hussan on behalf of Silverbrook Homes; monitoring of work schedule and budget; and senior review of reports.





Stage 1 and 2
Archaeological
Assessment for
Proposed Subdivision
at 771 Huron Road,
Kitchener
Ontario, R.M. of
Waterloo, Canada

Project Manager for Stage 1 and 2 archaeological assessments. Project management includes communications with Carlos DaSilva of East Forest Homes; monitoring of work schedule and budget; and senior review of reports.

Stage 1 to 4
Archaeological
Assessment Beechridge Farms
Ontario, R.M. of
Durham, Canada

Project Manager for Stage 1 to 3 archaeological assessments. Project management includes communications with Sharon Dionne at Runnymede Homes; monitoring of work schedule and budget; and senior review of reports.

ORC Stage 1 and 2
Archaeological
Assessment of Three
Properties in the GTA
Ontario/GTA, Canada

Project Manager for Stage 1 and 2 archaeological assessments. Project management includes communications with Manager of Cultural Heritage at ORC; monitoring of work schedule and budget; and senior review of reports.

# PROJECT EXPERIENCE – PROJECT EXPERIENCE - MINISTRY OF TRANSPORTATION

Stage 1 Archaeological
Assessment of 5783
Bloominton Road,
Town of Whitchurch
Ontario/York Region,
Canada

Stage 1 archaeological assessment of 5783 Bloominton Road for SCS Consulting Group on behalf of Camrock Developments. Project included both background research and field review.

Highway 21 Culvert Replacement and Bridge Rehabilitation Ontario/Huron and Bruce County, Canada Stage 1 archaeological assessment of Highway 21 from Goderich to Owen Sound. Project included both background research and field review.

407 East Transportation Corridor EA Study -MTO

Ontario, Canada

Aboriginal consultation management and coordination including all correspondence, workshops and information sessions as well as development of protocols for engagement. (2006-2009)

Niagara to GTA and GTA West EA Study -

Aboriginal consultation research and advising to senior management on scope of consultation and plans of action. (2007-2009)

MTO Ontario, Canada





#### Detroit River International Crossing - MTO

Ontario, Canada

Stage 1 and 2 Archaeological Assessment: project management and coordination of fieldwork and research. Reviewed reports and working papers submitted to client; liaised with client. (2006-2007)

# Highway 427 Extension - MTO

Ontario, Canada

Aboriginal consultation research and advising to senior management on scope of consultation and plans of action. (2008-2009)

Stage 1 and 2
Archaeological
Assessment for the
Highway 7/12 and
Columbus Road
Intersection Widening,
Town of Whitby,
Regional Municipality
of, Ontario. WP 205503-00 - MTO
Ontario, Canada

Completed, through a phased investigation, a Stage 1 and 2 archaeological assessment of the proposed widening of the Highway 7/12 and Columbus road intersection. The investigation included sub-surface (test pitting) archaeological assessment and background assessment. A late nineteenth century historic site, the Croxall Site, was identified as part of the survey. (in house project 2008-2009)

# Stage 1 Archaeological Assessment of the QEW Ontario Street Carpool Parking Lot, Regional Municipality of Niagara WP 206308-00 - MTO Ontario. Canada

Stage 1 archaeological assessment of Carpool lot in QEW interchange. Project included both background research and field review. (in house project 2008)

Southeast Collector Sewer Trunk EA - York and Durham Region Ontario, Canada Assisted with aboriginal consultation through presentation of archaeological fieldwork and information to First Nation communities and advising client on engagement with respect to archaeological work.

Lower Don Lands
Infrastructure
Municipal Class
Environmental
Assessment - City of
Toronto
Toronto, Ontario

Stage 1 Archaeological Assessment: research for assessment including addressing environmental, historical, and archaeological data, maps and GIS data and generated appropriate recommendations for addressing archaeological concerns with respect to the project and guided clients in understanding of the archaeological assessment process and requirements.

Waterfront West
Streetcars
Environmental
Assessment and Union
Station to Exhibition
Place Class EA - TTC
Toronto Ontario, Canada

Stage 1 Archaeological Assessment: research for assessment including addressing environmental, historical, and archaeological data, maps and GIS data and generated appropriate recommendations for addressing archaeological concerns with respect to the project and guided clients in understanding of the archaeological assessment process and requirements.





# PROFESSIONAL AFFILIATIONS

Ontario Association of Professional Archaeologists (Elected as Director 2013 – 2015) Ontario Archaeology Society

## **PUBLICATIONS**

Chapters The Palaeolithic occupation of the Sado Basin (Alentejo, Portugal): Preliminary

results, in Settlement Dynamics of the middle Palaeolithic and Middle Stone Age, Volume III (2010). Edited by Conard, N.J. and A. Delagnes. Authors: Burke, A.;

L. Meignen, M. Bisson, N. Ferreira, L. Gilbert, and C. Parslow.

**Books** 2009. Social Interaction in the Prehistoric Natufian: Generating an Interactive-

Agent Model Using GIS. Oxford, British Archaeological Research S1916,

Archeopress.

**Refereed Journal** 

**Articles** 

Maher, L., M. Lohr, M. Betts, C. Parslow and E.B. Banning. Epipalaeolithic Sites

in Wadi Ziqlab, Northern Jordan. Paleorient, 27(1) (2001), 5-19.

Journal Articles Routledge, B., B. Porter, D. Steen, C. Parslow, L. de Jong and W. Zimmerle.

The 2004 Season at Dhiban (Jordan): Prospection, Preservation, and Planning. Annual of the Department of Antiquites of Jordan. *Annual of the Department of* 

Antiquites of Jordan (2005), 201-226.

