



**Report on the 2009 Stage 1 -2 Archaeological Assessment
Of Park Lot 4 s/w Napier St., Part of Lot 32, Concession 10,
(Geographic Township of Collingwood) Thornbury,
The Blue Mountains, County of Grey.**

Submitted to

The Ontario Ministry of Culture

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Executive Summary

This report describes the results of the Stage 1-2 Archaeological Assessment of Park Lot 4 s/w Napier St., Part of Lot 32, Concession 10, (Geographic Township of Collingwood) Thornbury, The Blue Mountains, County of Grey, conducted by AMICK Consultants Limited. This study was conducted under Archaeological Consulting License #P058 issued to Michael Henry by the Minister of Culture for the Province of Ontario. This investigation was undertaken in order to address anticipated conditions of Draft Plan approval. All work was conducted in conformity with the guidelines as stipulated within the Archaeological Assessment Technical Guidelines (OMCzCR 1993) and the Ontario Heritage Act (RSO 2005).

The Ministry of Culture has released two versions of the Draft Standards and Guidelines for Consultant Archaeologists (MCL 2006 & 2009). Neither version of this document has been officially adopted for use by the province of Ontario as a requirement for licensed archaeologists under the Heritage Act (RSO 2005). The 2009 version of the document is currently undergoing further revision with an anticipated final document coming into effect in January 2010. Although there is no current requirement to adhere to the Draft Standards and Guidelines for Consultant Archaeologists (MCL 2009), the conduct of archaeological investigations undertaken for this project meets or exceeds the proposed requirements.

AMICK Consultants Limited was engaged by the proponent to undertake this assessment, and was granted permission to carry out archaeological fieldwork on the subject property on December 9, 2009. Those portions of the property which did not consist of previous disturbance were subject to physical assessment December 10, 2009, consisting of high-intensity test pit survey at an interval of five metres between individual test pits and high intensity pedestrian survey at an interval of five metres between transects.

As a result of the physical assessment of the property, no archaeological resources were encountered. Consequently, it is recommended that the proposed development be considered cleared of any further requirement for archaeological fieldwork. Any current or future condition of development respecting archaeological resources should be considered as addressed.

5.0 CONCLUSIONS & RECOMMENDATIONS

AMICK Consultants Limited was engaged by the proponent to undertake this assessment, and was granted permission to carry out archaeological fieldwork on the subject property on December 9, 2009. Those portions of the property which did not consist of previous disturbance were subject to physical assessment December 8, 2009, consisting of high-intensity test pit survey at an interval of five metres between individual test pits and high intensity pedestrian survey at an interval of five metres between transects.

As a result of the physical assessment of the property, no archaeological resources were encountered. Consequently, it is recommended that the proposed development be considered cleared of any further requirement for archaeological fieldwork. Any current or future condition of development respecting archaeological resources should be considered as addressed.

It must be noted at this time that no archaeological survey, regardless of its intensity, can entirely negate the possibility of deeply buried cultural material, notably human interments. In consequence, it is further recommended that should any such remains be encountered during construction activities, the Regulatory Operations Group, Ontario Ministry of Culture and/or the Cemeteries Regulation Group of the Ontario Ministry of Consumer and Commercial Relations and AMICK Consultants Limited be contacted immediately.

1.0 INTRODUCTION

This report describes the results of the Stage 1-2 Archaeological Assessment of Park Lot 4 s/w Napier St., Part of Lot 32, Concession 10, (Geographic Township of Collingwood) Thornbury, The Blue Mountains, County of Grey, conducted by AMICK Consultants Limited. This study was conducted under Archaeological Consulting License #P058 issued to Michael Henry by the Minister of Culture for the Province of Ontario. This investigation was undertaken in order to address anticipated conditions of Draft Plan approval. All work was conducted in conformity with the guidelines as stipulated within the Archaeological Assessment Technical Guidelines (OMCzCR 1993) and the Ontario Heritage Act (RSO 2005).

AMICK Consultants Limited was engaged by the proponent to undertake this assessment, and was granted permission to carry out archaeological fieldwork on the subject property on December 9, 2009. All records, documentation, field notes, photographs and artifacts related to the conduct and findings of these investigations are held at the Lakelands District corporate offices of AMICK Consultants Limited until such time that they can be transferred to an agency or institution approved by the Ministry of Culture on behalf of the government and citizens of Ontario.

2.0 LOCATION AND DESCRIPTION

2.1 Location and Current Conditions

This report describes the results of the Stage 1-2 Archaeological Assessment of Park Lot 4 s/w Napier St., Part of Lot 32, Concession 10, (Geographic Township of Collingwood) Thornbury, The Blue Mountains, County of Grey, as illustrated in Figure 1. Approximately 10.5 acres in size, the southeast and southwest boundaries are adjacent to existing orchard lands. The northwest is adjacent to Victoria Street and the northeast to Napier Street.

A plan of the subject property is included within this report as Figure 3. The subject property is rectangular in shape and approximately 10.5 acres in size. The subject property is an orchard with a two small areas that had been stripped of topsoil in the northern and eastern corners.

2.2 Environmental Context

2.2.1 Physiographic Region

The subject property is in the Beaver Valley Physiographic region a small but well-defined region of 77 square miles, occupying a sharply cut indentation in the Niagara cuesta, opening upon Georgian Bay. The greater part of the valley's erosional history occurred in preglacial times when the forerunner of the Beaver River was a tributary to the stream which carved the deep valley of Georgian Bay. The advance of the glacier up the valley, possibly several times, served to smooth off all the protruding spurs

which must have resulted from river erosion, thus leaving it an open, steep-sided, broad-bottomed feature almost comparable to the U-shaped valleys resulting from alpine glaciations (Chapman and Putnam 1984: 122-124).

2.2.2 Water Resources

The subject property is roughly 150m southeast of the Little Beaver River and 600m northwest of the Beaver River, these are both sources of potable water. Based on proximity to water, whereby lands within 300 metres distance to sources of potable water are deemed to have been attractive to First Nations cultures, the property has a high potential for archaeological resources related to the history of First Nations occupation and land use in the area.

3.0 BACKGROUND RESEARCH

As part of the present study, background research was conducted in order to determine if any archaeological resources had been formerly documented within or in close proximity to the subject property and if these same resources might be subject to impacts from the proposed undertaking. This data was also collected in order to assist in the assessment of the archaeological potential of the subject property and in order to establish the significance of any resources which might be encountered during the conduct of the present study. The requisite data was collected from the Archaeology Unit, Heritage Branch, Ontario ministry of Culture (OMC) and the corporate research library of AMICK Consultants Limited.

The Archaeological Sites Database indicates that there are no previously documented sites within the subject property. However, it must be noted that this is based on the assumption of the accuracy of information compiled from numerous researchers using different methodologies over many years. AMICK Consultants Limited assumes no responsibility for the accuracy of site descriptions, interpretations such as cultural affiliation, or location information derived from the Archaeological Sites Database administered by the Ontario Ministry of Culture. In addition, it must also be noted that the lack of formerly documented sites does not indicate that there are no sites present as the documentation of any archaeological site is contingent upon prior research having been conducted on the subject property.

3.1 Native Occupation:

The data gathered from the Archaeological Sites Database administered by the Ontario Ministry of Culture was collected within a 2-kilometre radius about the study area. As a result it was determined that 2 archaeological sites relating directly to First Nations habitation/activity had been formally documented. These sites are briefly described below:

Table 1 Native Sites within 2km

Site Name	Borden #	Site Type	Cultural Affiliation
Almond	BdHc-4	Undetermined	Late Woodland
O'Neil	BdHc-7	Campsite	Algonkian

3.2 Euro-Canadian Settlement:

The data gathered from the Archaeological Sites Database administered by the Ontario Ministry of Culture was collected within a 2-kilometre radius about the study area. As a result it was determined that no archaeological sites relating directly to Euro-Canadian habitation/activity had been formally documented.

The "Grey County Supplement". Illustrated Atlas of the Dominion of Canada (1881) indicates that the subject property was within the town of Thornbury by that date (see Figure 2). As such individual structures are not shown, but since it is within the limits of a town there is a high potential for structures to have existed.

Summary:

Background research indicates the property has high potential for significant archaeological resources of Native origins. Background research suggests a high potential for archaeological resources of Euro-Canadian origins. **High potential does not indicate that there are necessarily sites present, but that environmental and historical factors suggest that there may be undocumented archaeological sites within lands which have not been subject to systematic archaeological research in the past.**

4.0 ARCHAEOLOGICAL FIELD ASSESSMENT

4.1 Methodological Approach

This report describes the results of the Stage 1-2 Archaeological Assessment of Park Lot 4 s/w Napier St., Part of Lot 32, Concession 10, (Geographic Township of Collingwood) Thornbury, The Blue Mountains, County of Grey, as illustrated in Figure 1. Approximately 10.5 acres in size, the southeast and southwest boundaries are adjacent to existing orchard lands. The northwest is adjacent to Victoria Street and the northeast to Napier Street.

A plan of the subject property is included within this report as Figure 3. The subject property is rectangular in shape and approximately 10.5 acres in size. The subject property is an orchard with a two small areas that had been stripped of topsoil in the northern and eastern corners. The orchard area was assessed using high intensity test pit survey methodology. The two stripped areas were disturbed and therefore not assessed.

Those portions of the property which did not consist of previous disturbance were subject to physical assessment December 10, 2009 consisting of high-intensity test-pit survey methodology at an interval of five metres between individual test pits. All test pits measured 30 centimetres in diameter and were dug into the sterile subsoil beneath the topsoil. All excavated soil was screened through 6 mm wire mesh to ensure that any artifacts contained within the soil matrix were recovered. All test pits were subsequently backfilled. This assessment was completed in light flurries under overcast skies.

4.2 Results

As a result of the physical assessment of the property, no archaeological resources were encountered. Consequently, it is recommended that the proposed development be considered cleared of any further requirement for archaeological fieldwork. Any current or future condition of development respecting archaeological resources should be considered as addressed.

6.0 REFERENCES CITED

Chapman, L.J. & D.F. Putnam

1984 The Physiography of Southern Ontario (Third Edition). Ontario Geological Survey, Special Report #2. Ontario Ministry of Natural Resources, Toronto.

Government of Ontario

2005 The Heritage Act, RSO 2005. Queen's Printer, Toronto.

Belden H.

1881 "Grey County Supplement". Illustrated Atlas of the Dominion of Canada. H. Belden & Company, Toronto.

Ontario Ministry of Citizenship, Culture and Recreation (OMCzCR)

1993 Archaeological Assessment Technical Guidelines, Stages 1-3 and Reporting Format. OMCzCR, Cultural Programs Branch, Archaeology and Heritage Planning, Toronto.

TABLE 2 Cultural Chronology for South-Central Ontario

Period	Group	Date Range	Traits
Palaeo-Indian	Fluted Point	9500-8500 B.C.	Big game hunters.
	Hi-Lo	8500-7500 B.C.	Small nomadic groups.
Archaic	Early	8000-6000 B.C.	Hunter-gatherers.
	Middle	Laurentian	6000-200 B.C. Territorial divisions arise.
	Late	Lamoka	2500-1700 B.C. Ground stone tools appear.
		Broadpoint	1800-1400 B.C.
		Crawford Knoll	1500-500 B.C.
		Glacial Kame	c.a. 1000 B.C. Elaborate burial practices.
Woodland	Early	Meadowood	1000-400 B.C. Introduction of pottery.
		Red Ochre	1000-500 B.C.
	Middle	Point Peninsula	400 B.C.-500 A.D. Long distance trade.
		Princess Point	500-800 A.D. Horticulture.
	Late	Pickering	800-1300 A.D. Villages and agriculture.
		Uren	1300-1350 A.D. Larger villages.
		Middleport	1300-1400 A.D.
		Huron	1400-1650 A.D. Warfare
Historic	Early	Odawa, Ojibwa	1700-1875 A.D. Social displacement.
	Late	Euro-Canadian	1785 A.D.+ European settlement.

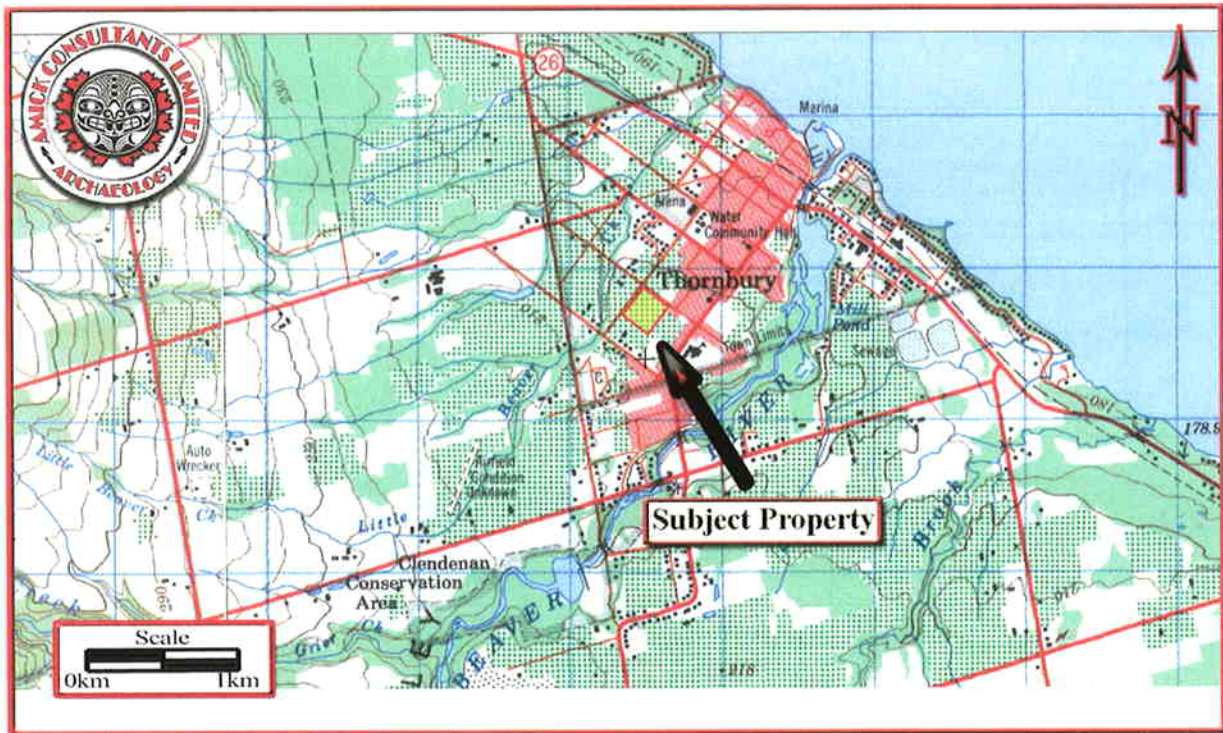


Figure 1 Location of the Subject Property

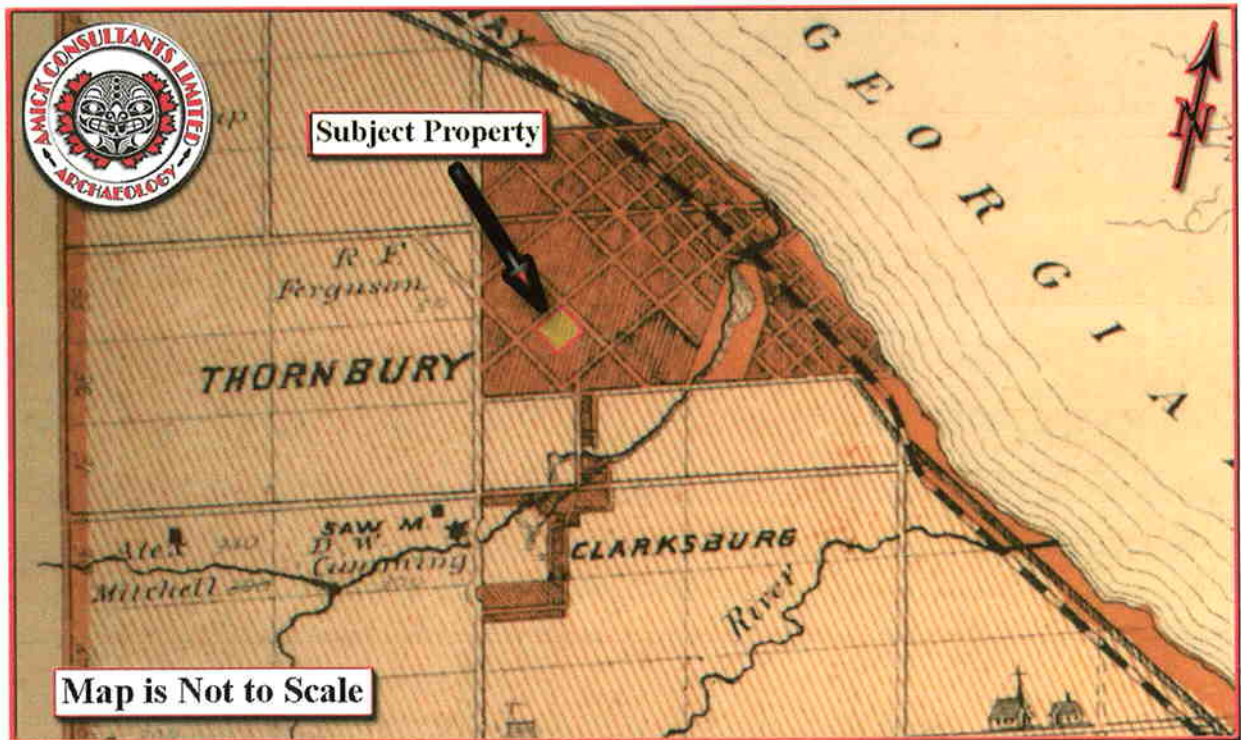


Figure 2 Segment of Historic Atlas Map (1877)



Figure 3 Detailed Plan of the Archaeological Assessment – Ortho

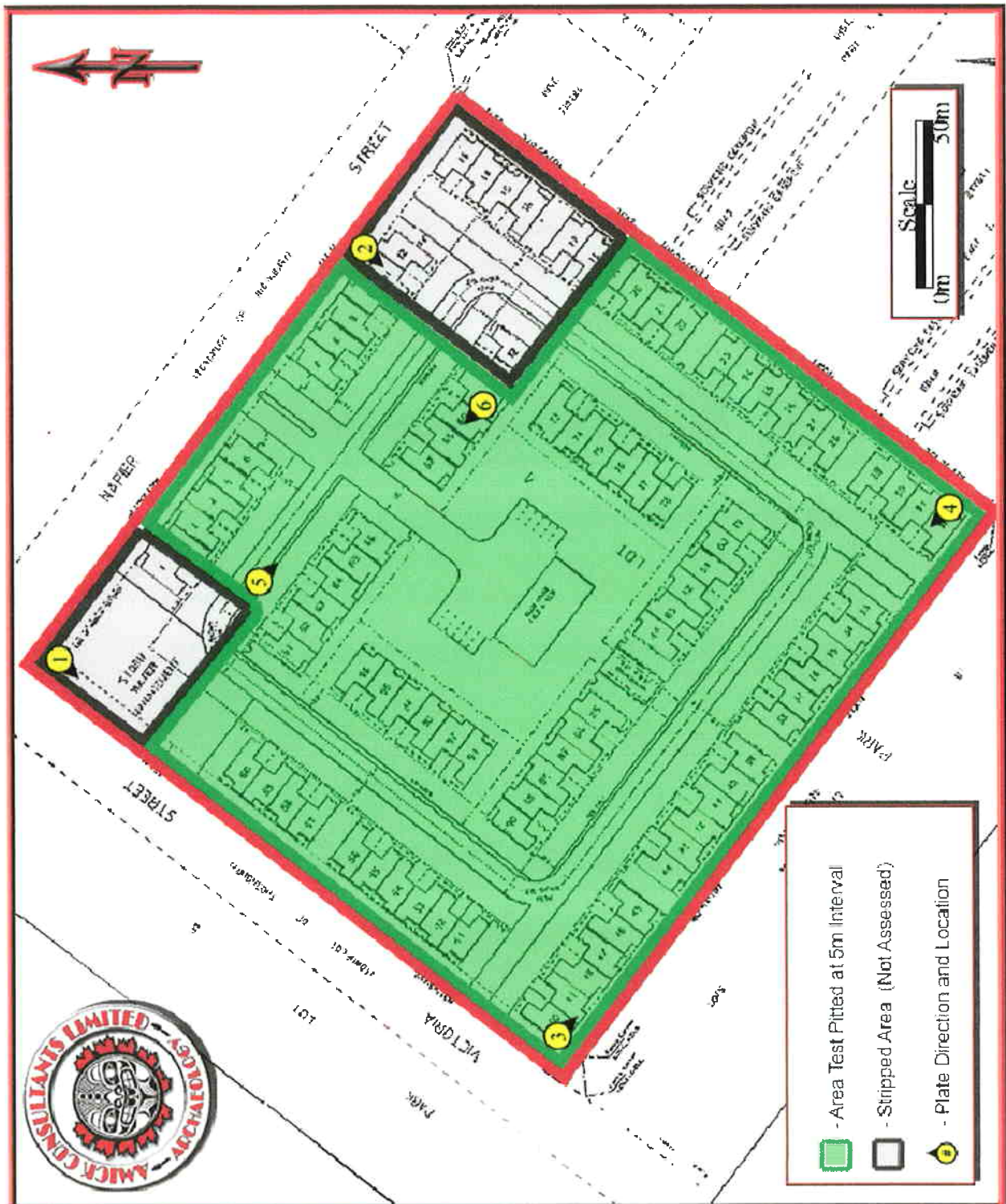


Figure 4 Detailed Plan of the Archaeological Assessment – Plan



Plate 1 Stripped Area in North Corner facing Southwest



Plate 2 Stripped Area in West Corner facing Southwest



Plate 3 Test Pit Conditions facing Southeast



Plate 4 Test Pit Conditions facing Northwest



Plate 5 Test Pit Conditions facing Southeast



Plate 6 Test Pit Conditions facing Northwest