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To: C.C. Tatham & Associates Limited

Please find enclosed in this envelope (2) copies of the following final report, for your firm.

Report on Part of the 2006 Stage 1-2 Archaeological Assessment of the Proposed Draft Plan, Part of Lot 46, Concessions 9 & 10, Town of Collingwood, (Formerly the Township of Nottawasaga), County of Simcoe. (our file #26758-P)

Also, we would like to assure you that three (3) copies of the final report stated above have been submitted to The Ontario Ministry of Culture for review and archival purposes.

If you have any question please contact me.

Thank you for choosing AMICK Consultants Limited as your cultural resource management consultant.

We look forward to the opportunity of work with your corporation again.

Sincerely,

Melissa Milne,
Business Manager
AMICK Consultants Limited

AMICK Consultants Limited – Lakelands District Office

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www.amick.ca



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To: Ms. Roshan Jussawalla,
License Administrator
Heritage Operations Unit, Ontario Ministry of Culture.

This envelope contains three (3) copies of the following final report, submitted to the OMC for review and archival purposes

Report on Part of the 2006 Stage 1-2 Archaeological Assessment of the Proposed Draft Plan, Part of Lot 46, Concessions 9 & 10, Town of Collingwood, (Formerly the Township of Nottawasaga), County of Simcoe. (our file # 26758-P, OMC CIF #P058-121-2006)

Also, we would like to assure that two (2) copies of the final report stated above have been sent to the client: C.C. Tatham & Associates Limited

If you have any questions please contact me.

Regards,

Melissa Milne,
Business Manager

AMICK Consultants Limited – Lakelands District Office

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**Report on Part of the 2006
Stage 1-2 Archaeological Assessment of the
Proposed Draft Plan,
Part of Lot 46, Concessions 9 & 10, Town of Collingwood,
(Formerly the Township of Nottawasaga), County of Simcoe.**

Submitted to

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&

The Ontario Ministry of Culture

Prepared by

**AMICK Consultants Limited
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**Archaeological Consulting License # P058
Project # P058-121-2006
Corporate Project # 26758-P**

September 2006

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Project Personnel

Consulting Archaeologist	Michael B. Henry
Project Archaeologist	Dayle Elder
Field Assistants	Ivy Ripley Katrina Guy Derek Howard
Report Preparation	Michael B. Henry Derek Howard
Draughting/Photography	Derek Howard Dayle Elder

Executive Summary

This report describes the results of the Stage 1-2 Archaeological Assessment of the Proposed Draft Plan, Part of Lot 46, Concessions 9 & 10, Town of Collingwood (Formerly the Township of Nottawasaga), County of Simcoe, conducted by AMICK Consultants Limited. This study was conducted under Archaeological Consulting Licence #P058 issued to Mr. Michael B. Henry by the Minister of Culture for the Province of Ontario. This assessment was undertaken by the proponent to confirm the existence or absence of archaeological resources as a condition of approval for portions of the proposed development. All work was conducted in conformity with the Archaeological Assessment Technical Guidelines (OMCzCR 1993) and the Ontario Heritage Act (RSO 1980).

AMICK Consultants Limited was engaged by the proponent to undertake this assessment on July 25, 2006. Those portions of the property which did not consist of previous disturbance were subject to physical assessment on August 3, 2006, and August 16, 2006, consisting of high-intensity test-pit survey methodology at an interval of five metres between individual test pits in woodlot areas, and of high-intensity test-pit survey methodology at an interval of five metres between individual test pits in grassy areas. As a result of the assessment, no archaeological resources were encountered. Consequently, it is recommended that the proposed development be considered cleared of any further requirement for archaeological work.

1.0 INTRODUCTION

This report describes the results of the Stage 1-2 Archaeological Assessment of the Proposed Draft Plan, Part of Lot 46, Concessions 9 & 10, Town of Collingwood, (Formerly the Township of Nottawasaga), County of Simcoe, conducted by AMICK Consultants Limited. This study was conducted under Archaeological Consulting Licence #P058 issued to Mr. Michael B. Henry by the Minister of Culture for the Province of Ontario. This assessment was undertaken by the proponent to confirm the existence or absence of archaeological resources as a condition of approval for portions of the proposed development. All work was conducted in conformity with the Archaeological Assessment Technical Guidelines (OMCzCR 1993) and the Ontario Heritage Act (RSO 1980).

AMICK Consultants Limited was engaged by the proponent to undertake this assessment on July 25, 2006. 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

As illustrated in Figure 1, the subject property is located within Part of Lot 46, Concessions 9 & 10, Town of Collingwood, (Formerly the Township of Nottawasaga), County of Simcoe. The subject land, which contains Bear Estate in the north and the Cranberry Marina office in the south, consists of a roughly-rectangular portion of woodlot and disturbed area, approximately 3.3 hectares in size. The property is bound on the eastern edge by Cranberry Marina on Georgian Bay, the southern edge by Harbour Street, and the western edge by Balsam Street. The nearest major intersection is located at Balsam Street and Highway 26, roughly 100 metres southwest of the subject property.

The subject property has been severely impacted by landscape alterations throughout the majority of the lands (roughly 70% of the total area). The property consists of a grassed landscaped area which covers the southern half of the property, a cedar and mixed bush woodlot within the west-central portion over an approximate quarter of the area, a grassed landscaped area north of the woodlot to the north edge and from the west edge to a set of existing buildings in the east, and a narrow band of woodlot along the northern boundary of the property. The central woodlot was largely undisturbed, although evidence of modern garbage dumping was noted throughout. The northern strip of woodlot also remained undisturbed. Several structures are located on the property: The existing Cranberry Marina office in the southeast corner and a frame shed associated with it, the Bear Estate building and associated garage in the northeast corner, and a pump house inland from the marina docks along the eastern edge. A wooden fence roughly travels from the marine office to the existing garage, effectively segregating the docking area to the east from the former agricultural lands to the west. Two gravel parking areas used for parking and pathways, are contained within the project area: the first is connected to Harbour Street and begins at a large parking area and then continues along the south-to-southeast edge of the boundary,

where it turns north halfway up the eastern boundary along the docking area; the second is connected to Balsam Street where it travels through the northern grassy area eastward to the set of existing buildings, whereupon it veers south into a parking area. Additionally, new in-ground sprinkler and lighting systems have recently impacted the soil around Bear Estate.

The subject property is situated within the Niagara Escarpment physiographic region. In particular, the property lies along the northwestern edge of the Nipissing bluff which confined Lake Algonquin in this area. This area specifically is comprised of a bouldery terrace which houses numerous sets of sand and gravel strands. (Chapman and Putnam 1984: 71-74, 114-122).

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.

Native Occupation:

The data gathered from the Archaeological Sites Database of the OMC was collected within a 2 km radius about the subject property. As a result it was determined that no archaeological sites related to First Nations activity in the area had been formally documented.

Euro-Canadian Settlement:

The Simcoe Supplement in Illustrated Atlas of the Dominion of Canada (1881) indicates that no dwellings were situated on these Parts of Lot 46, Concessions 9 & 10, Township of Nottawasaga by that date (see Figure 2).

Summary:

Background research indicates the property has a very high potential for significant archaeological resources of Native origins based upon the proximity of the property to potable and navigable sources of water. Background research suggests a low potential for archaeological resources of Euro-Canadian origins.

4.0 ARCHAEOLOGICAL FIELD ASSESSMENT

4.1 Methodological Approach

Figure 3 of this report illustrates the subject property and the survey methods used to complete the physical assessment of the subject property. The subject land, which contains Bear Estate in the north and the Cranberry Marina office in the south, consists of a roughly-rectangular portion of woodlot and disturbed area, approximately 3.3 hectares in size. The property is bound on the eastern edge by Cranberry Marina in Georgian Bay, the southern edge by Harbour Street, and the western edge by Balsam Street. The nearest major intersection is located at Balsam Street and Highway 26, roughly 100 metres southwest of the subject property.

The subject property has been severely impacted by landscape modifications throughout the majority of the lands (roughly 70% of the total area). The grassed landscaped area which covers the southern half of the property was subject to test-pit survey, which revealed that that entire area had been disturbed previous to assessment; the soil was composed of light grey sand, gravel and larger cobble stones, to a depth of approximately 40 cm in parts. The cedar and mixed bush woodlot within the west-central portion, covering over an approximate quarter of the area, contained undisturbed lands which were subject to test-pit survey, although evidence of modern garbage dumping was found throughout. Sandy dark brown topsoil was encountered within the woodlot overlying light grey sandy subsoil, depths of the test pits ranged between 19 cm and 34 cm. The grassed landscaped area north of the woodlot to the north edge, from the west edge to a set of existing buildings in the east, was subject to test-pit survey, which revealed that that entire area had been disturbed previous to assessment; the soil was composed of light grey sand, gravel and larger cobble stones. The narrow band of woodlot along the northern boundary of the property contained undisturbed lands which were subject to test-pit survey. Sandy dark brown topsoil was encountered within this wooded strip of land overlying light grey sandy subsoil. Several structures are located on the property: the existing Cranberry Marina office in the southeast corner and a frame shed associated with it, the Bear Estate building and associated garage in the northeast corner, and a pump house inland from the marine docks along the eastern edge. A wooden fence roughly travels from the marine office to the existing garage, effectively segregating the docking area to the east from the former agricultural lands to the west. Two gravel parking areas used for parking and pathways, are contained within the project area: the first is connected to Harbour Street and begins at a large parking area and then continues along the south-to-southeast edge of the boundary, where it turns north halfway up the eastern boundary along the docking area; the second is connected to Balsam Street where it travels through the northern grassy area eastward to the set of existing buildings, whereupon it veers south into a parking area. The driveway area associated with Bear Estate has been levelled and filled with gravel packing, as has the gravel area north of the marina office. Additionally, new in-ground sprinkler and lighting systems have recently impacted the soil around Bear Estate.

Those portions of the property which did not consist of previous disturbance were subject to physical assessment on August 3, 2006, and August 16, 2006, consisting of high-intensity test-pit survey methodology at an interval of five metres between individual test

pits. All test pits measured approximately 30 centimetres in diameter and were dug through the topsoil layer into the underlying subsoil. All excavated earth was screened through 6 mm (¼ inch) wire mesh to ensure that any artifacts contained in the topsoil matrix were recovered. This assessment was completed in ideal conditions under sunny skies.

4.2 Results

As a result of the physical assessment of the property, no archaeological resources were encountered. As a result, no further archaeological investigations are recommended for this portion of the subject property.

5.0 CONCLUSIONS & RECOMMENDATIONS

As a result of the physical assessment, no archaeological resources were encountered. Consequently, it is recommended that the proposed development be considered cleared of any further requirement for archaeological work.

However, 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, OMC and/or the Cemeteries Regulation Group of the Ontario Ministry of Consumer and Commercial Relations and AMICK Consultants Limited be contacted immediately.

6.0 REFERENCES CITED

Belden, H.

1881 Simcoe supplement in Illustrated atlas of the Dominion of Canada. H. Belden, Toronto.

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

1980 The Heritage Act, RSO 1980. Queen's Printer, Toronto.

1983 The Planning Act, RSO 1983. Queen's Printer, 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 1 Cultural Chronology for South-Central Ontario

PERIOD	GROUP	DATE RANGE	TRAITS
Palaeo-Indian			
	Fluted Point Hi-Lo	9500-8500 B.C. 8500-7500 B.C.	Big Game hunters small nomadic groups
Archaic			
Early		8000-6000 B.C.	hunter-gatherers
Middle	Laurentian	6000-2000 B.C.	territorial divisions arise
Late	Lamoka	2500-1700 B.C.	ground stone tools appear
	Broadpoint Crawford Knoll Glacial Kame	1800-1400 B.C. 1500- 500 B.C. ca. 100 B.C.	elaborate burial practices
Woodland			
Early	Meadowood Red Ochre	1000-400 B.C. 1000-500 B.C.	introduction of pottery
Middle	Point Peninsula Princess Point	400B.C.-500 A.D. 500-800 A.D.	long distance trade horticulture
Late	Pickering Uren Middleport Huron	800-1300 A.D. 1300-1350 A.D. 1300-1400 A.D. 1400-1650 A.D.	villages & agriculture larger villages warfare
Historic			
Early	Odawa, Ojibwa	1700-1875 A.D.	social displacement
Late	Euro-Canadian	1785 A.D. +	European settlement

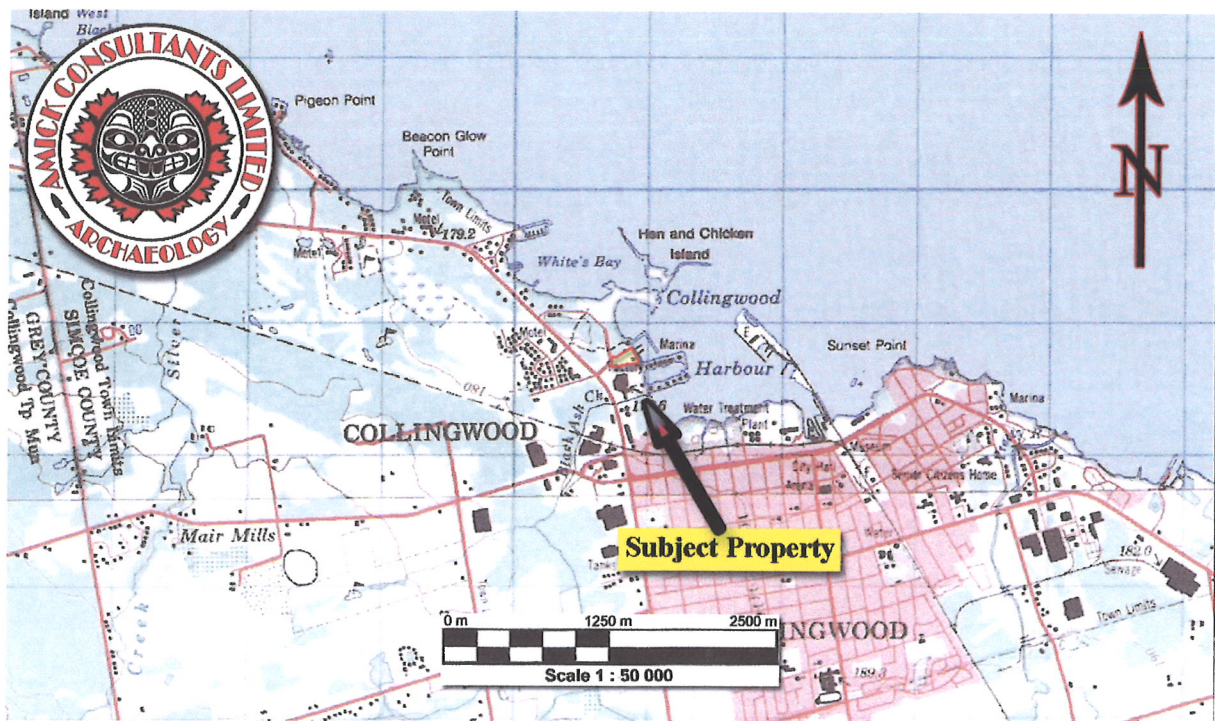


Figure 1 Location of the Subject Property

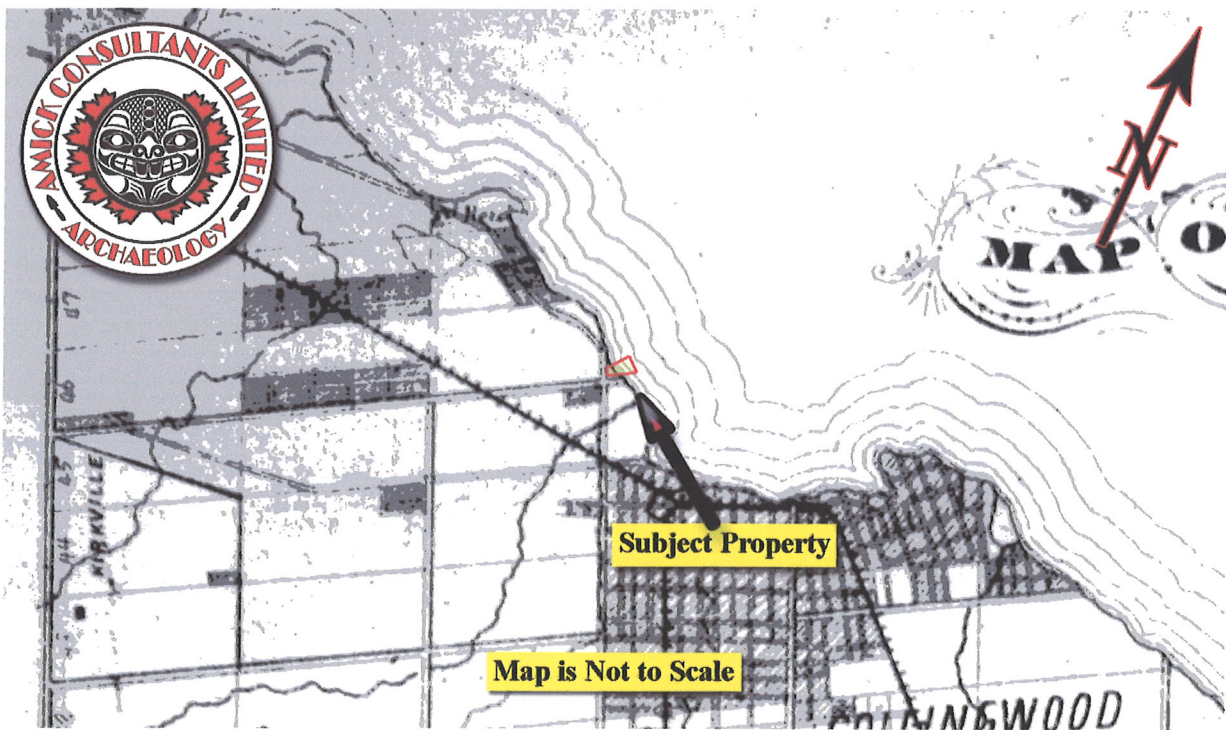


Figure 2 Segment of the Historic Atlas Map (1881)



Figure 3 Plan of the Subject Property and the Archaeological Assessment



Plate 1 Gravel Path through S Grassed Area from Parking Spot facing NW



Plate 2 Southern Grassed Area from Parking Spot facing Northeast



Plate 3 Southern Grassed Area facing Southeast



Plate 4 South Façade of Cranberry Marina Office facing North



Plate 5 E Façade of Cranberry Marina Office with Parking Area facing West



Plate 6 Gravel Path along Docks facing South



Plate 7 Pump House near East Edge of Boundary facing North



Plate 8 Grassed Area South of Bear Estate facing Northeast



Plate 9 West Façade of Bear Estate with Gravel Driveway facing East



Plate 10 South Façade of Garage with Gravel Path facing Northeast



**Plate 11 Gravel Driveway along N
Edge of Property facing W to Balsam
Street**



**Plate 12 N Grassed Area from N of
Woodlot facing East**



**Plate 13 Woodlot South of N Grassed
Area facing North, Flags Denoting Test
Pit Locations**



**Plate 14 Test Pit Example from S
Grassed Area showing Disturbance**