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**Archaeological Assessment (Stages 1 & 2)
6611 Second Line West
Part of Lot 9, Concession 2 West
Geo. Township of Toronto, now City of Mississauga
Regional Municipality of Peel, Ontario**

June 2008

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**Part of Lot 9, Concession 2 West
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Regional Municipality of Peel, Ontario**

Submitted to

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and

Ontario Ministry of Culture

Prepared by

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Acknowledgments

The completion of this report was facilitated by the assistance of the following individuals:

- **Meagan Sanderson**, David Brown Associates, Mississauga.
- **Rob Von Bitter**, Archaeological Data Coordinator, Archaeology Unit, Heritage Branch, Ontario Ministry of Culture, Toronto.

Project Summary

An archaeological assessment (Stages 1 & 2) was conducted for a 0.825 hectare property located on part of Lot 9, Concession 2 West, Geographic Township of Toronto, now City of Mississauga, Regional Municipality of Peel, Ontario. This assessment was undertaken in order to meet the requirements of a standard condition of development approval.

The study area is a recent house accompanied by an asphalt driveway surrounded by manicured lawns with an asphalt parking lot in the east end of the property. The Stage 2 assessment of the manicured lawns was conducted by the standard shovel test pit method at an interval of five metres; the modern house and disturbed parking lot and driveway were not assessed. All areas that were not disturbed were subject to the Stage 2 archaeological field assessment.

The Stage 2 field assessment did not result in the identification of any archaeological material. As a result, no further archaeological assessment is recommended.

The Ontario Ministry of Culture is asked to review the results presented in this report, issue a letter of clearance for the subject property, and inform the City of Mississauga that the provincial concerns for cultural heritage resources for this project have been met.

Archaeological Assessment (Stages 1 & 2)
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1.0 PURPOSE

An archaeological assessment (Stages 1 & 2) was conducted for a 0.825 hectare property located on part of Lot 9, Concession 2 West, Geographic Township of Toronto, now City of Mississauga, Regional Municipality of Peel, Ontario. This assessment was undertaken in order to meet the requirements of a standard condition of development approval.

The Stage 2 field assessment was conducted on June 10th, 2008 under archaeological consulting licence P001, issued to Jim Wilson by the Ontario Ministry of Culture. The Stage 2 assessment did not result in the identification of any archaeological material. As a result, no further archaeological assessment is recommended.

The Ontario Ministry of Culture is asked to review the results presented in this report, issue a letter of clearance for the subject property, and inform the City of Mississauga that the provincial concerns for cultural heritage resources for this project have been met.

2.0 STUDY METHODS

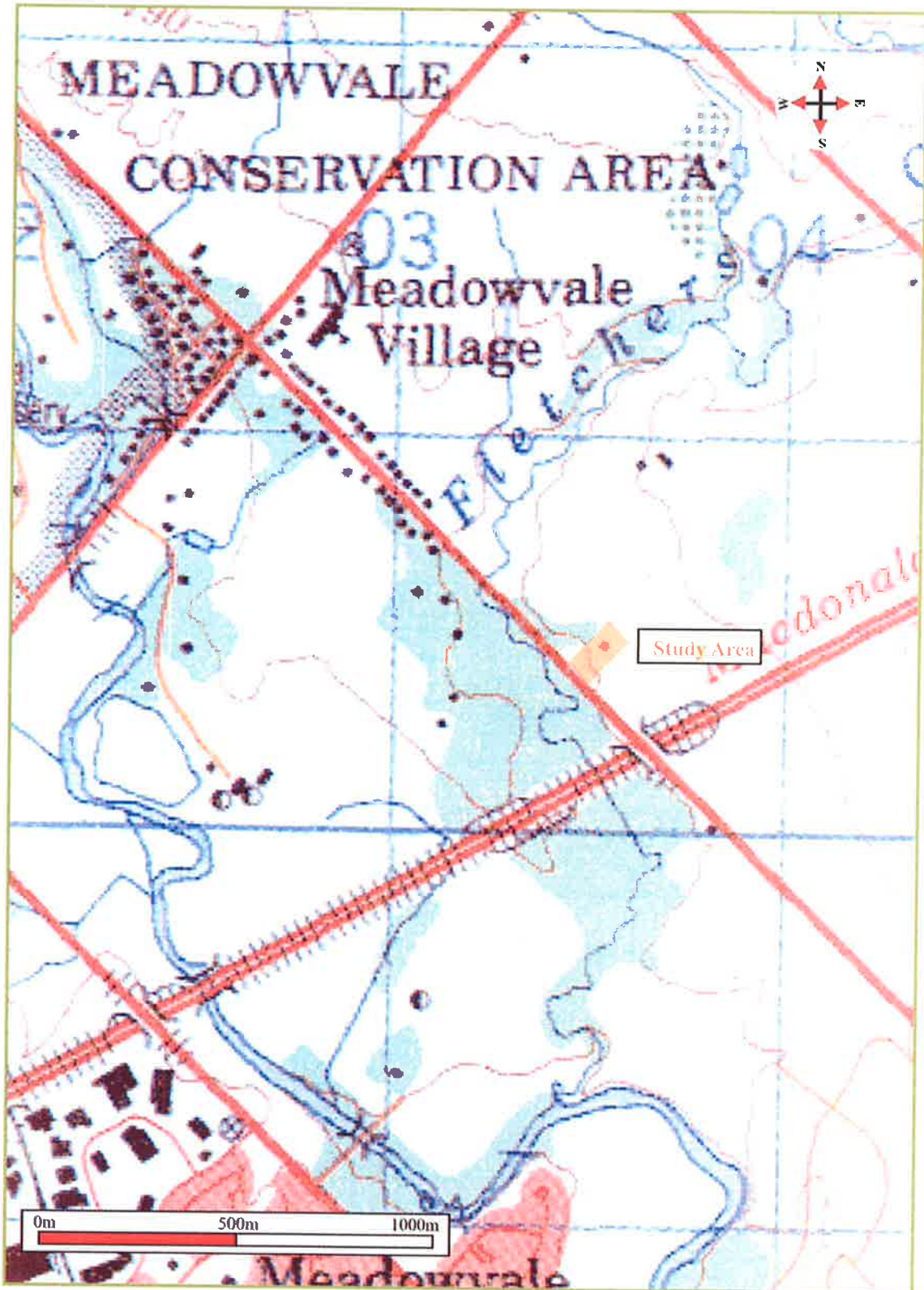
2.1 Stage 1 Background Research

In compliance with the provincial regulations set out in the "*Archaeological Assessment Technical Guidelines*" (MCzCR 1993), the Stage 1 Archaeological Overview/Background Study included;

- a review of the land use history, including pertinent historic maps; and
- an examination of the National Site Registration Database to determine the presence of known archaeological sites in an around the project area.

In addition to the visual evaluation of the subject property, background research was conducted at the Ministry of Culture Office in Toronto, the University of Western Ontario Map Library, and the corporate library of Archaeologix Inc.

Figure 1. Location of Study Area



2.2 Stage 2 Field Assessment Methods

The study area is a recent house accompanied by an asphalt driveway surrounded by manicured lawns with an asphalt parking lot in the east end of the property. The Stage 2 assessment of the manicured lawns was conducted by the standard shovel test pit method at an interval of five metres. Each test pit was approximately 30 centimetres in diameter, and was back filled. In the event an artifact was encountered in a test pit, additional test pits were dug in close proximity. The modern house and disturbed parking lot and driveway were not assessed. All areas that were not disturbed were subject to the Stage 2 archaeological field assessment.

The weather during the pedestrian survey was overcast and cool. At no time were there conditions detrimental to the recovery of archaeological material. Permission to enter the property and remove artifacts was given by Meagan Sanderson of David Brown Associates, Toronto. All recovered artifacts will be housed at the corporate head office of Archaeologix until their transfer to the Ministry of Culture collections facility located at 900 Highbury Avenue, London.

3.0 RESULTS

3.1 Background Research

3.1.1 *The Natural Environment*

The study area is situated within the Peel Plain physiographic region (Chapman and Putnam 1984: 174-176):

The Peel plain is a level-to-undulating tract of clay soils (Photo 70) covering 300 square miles across the central portions of the Regional Municipalities of York, Peel, and Halton. The general elevation is from 500 to 750 feet a.s.l. and there is a gradual and fairly uniform slope toward Lake Ontario. Across this plain the Credit, Humber, Don, and Rouge Rivers have cut deep valleys, as have other streams such as the Bronte, Oakville, and Etobicoke Creeks.

(Chapman and Putnam, 1984:174)

The soils of the study area are comprised of Peel clay soils. The closest potable water source is Fletcher's Creek, less than 100m southwest of the subject property, flowing into the Credit River which is about 1 km west of the subject property (Figure 1).

3.1.2 *Pre-Contact Aboriginal Archaeological Resources and Potential*

Table 1 provides a general outline of the culture history for the Regional Municipality of Peel drawn from Ellis and Ferris (1990). Previous archaeological

assessments and research surveys have demonstrated that the Regional Municipality of Peel area was intensively utilized by pre-contact Aboriginal peoples. Previous archaeological assessments have resulted in the documentation of five registered sites within two kilometres of the study area (Table 2). Given the proximity of the stream and registered sites, the potential for pre-contact Aboriginal archaeological resources was judged to be moderate to high.

Table 1. Cultural Chronology for the R.M. of Peel

PERIOD	CHARACTERISTICS	TIME	COMMENTS
Early Paleo-Indian	Fluted Projectiles	9000 - 8400 B.C.	spruce parkland/caribou hunters
Late Paleo-Indian	Hi-Lo Projectiles	8400 - 8000B.C.	smaller but more numerous sites
Early Archaic	Kirk and Bifurcate Base Points	8000 - 6000 B.C.	slow population growth
Middle Archaic	Brewerton-like points	6000 - 2500 B.C.	environment similar to present
Late Archaic	Lamoka (narrow points)	2000 - 1800 B.C.	increasing site size
	Broadpoints	1800 - 1500 B.C.	large chipped lithic tools
	Small Points	1500 - 1100B.C.	introduction of bow hunting
Terminal Archaic	Hind Points	1100 - 950 B.C.	emergence of true cemeteries
Early Woodland	Meadowood Points	950 - 400 B.C.	introduction of pottery
Middle Woodland	Dentate/Pseudo-Scallop Pottery	400 B.C. - A.D.500	increased sedentism
	Princess Point	A.D. 550 - 900	introduction of corn
Late Woodland	Early Ontario Iroquoian	A.D. 900 - 1300	emergence of agricultural villages
	Middle Ontario Iroquoian	A.D. 1300 - 1400	long longhouses (100m +)
	Late Ontario Iroquoian	A.D. 1400 - 1650	tribal warfare and displacement
Contact Aboriginal	Various Algonkian Groups	A.D. 1700 - 1875	early written records and treaties
Historic	Euro-Canadian	A.D. 1796 - present	European settlement

Table 2. Registered Archaeological Sites Within 2 km of the Study Area

Borden #	Site Name	Site Type	Cultural Affiliation
AjGw-1	Rowancroft	campsite	precontact Aboriginal
AjGw-141	Sharp	homestead	Euro-Canadian
AjGw-165	-	homestead	Euro-Canadian
AjGw-167	-	homestead	Euro-Canadian
AjGw-262	-	findspot	precontact Aboriginal

3.1.3 Potential for Historic Archaeological Sites

The historic map of the Township of Toronto in the 1877 Walker & Miles *Illustrated Historical Atlas of the County of Peel* lists the owner of the western portion of Lot 9, Concession 2 West as Alexander Scott. No structures are shown on the property but are immediately north of the subject area. Due to the proximity to the historic village of Meadowvale and the fact that the property fronts on a major historic roadway, the potential for historic material was judged to be moderate to high.

Figure 2. A Portion of the Historic Map of the Township of Toronto

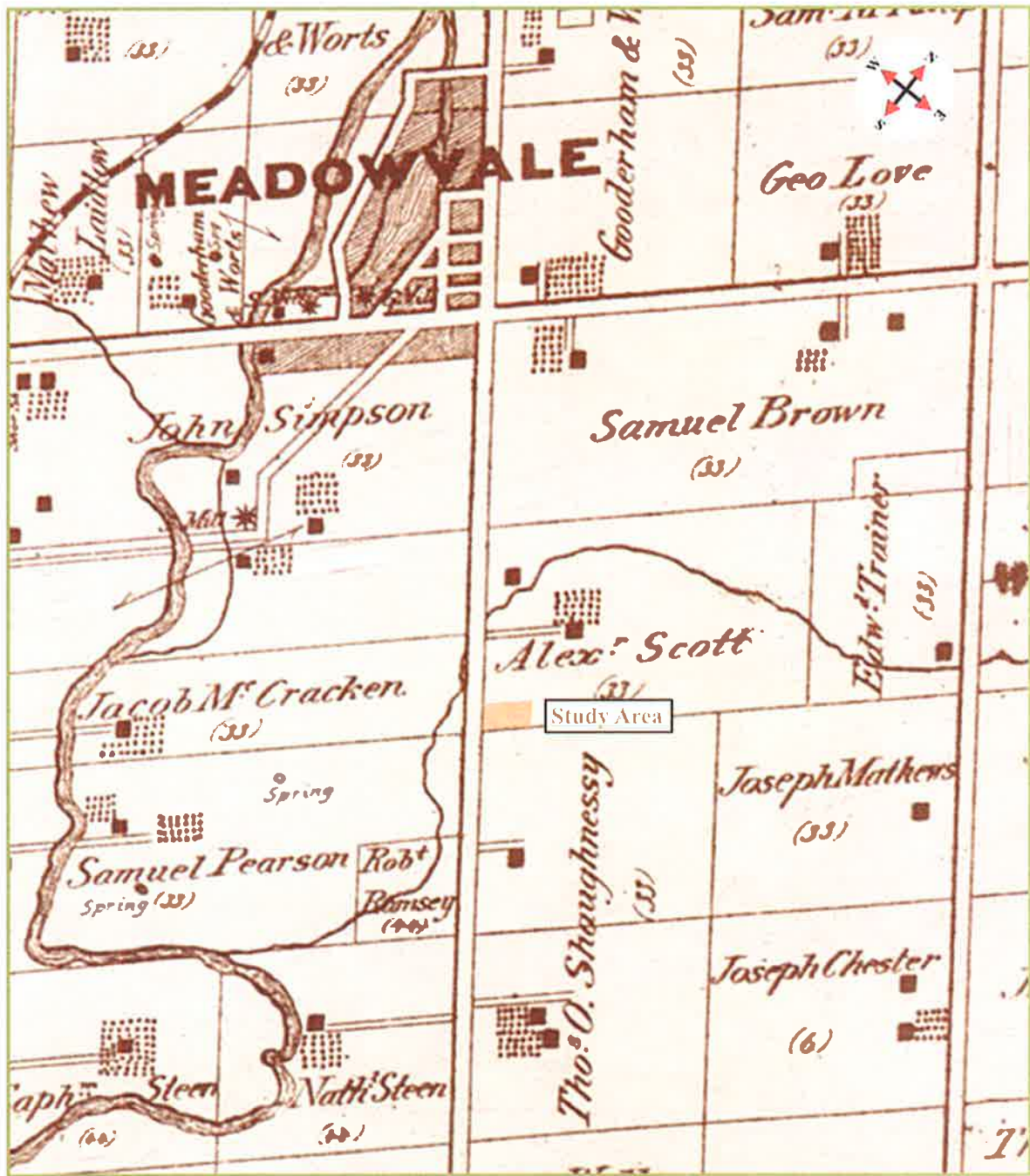


Figure 3. Stage 2 Survey Methods & Results



Figure 4. Stage 2 Test Pitting Conditions, Test Pitted at 5m Intervals



Figure 5. Stage 2 Survey Conditions, Area of Disturbance - House, Not Assessed



Figure 6. Stage 2 Survey Conditions, Area of Disturbance - Driveway, Not Assessed



Figure 7. Stage 2 Survey Conditions, Area of Disturbance - Parking Lot, Not Assessed



3.2 Stage 2 Field Assessment Results

The Stage 2 field assessment did not result in the identification of any archaeological material. As a result, no further archaeological assessment is recommended.

4.0 RECOMMENDATIONS

An archaeological assessment (Stages 1 & 2) was conducted for a 0.825 hectare property located on part of Lot 9, Concession 2 West, Geographic Township of Toronto, now City of Mississauga, Regional Municipality of Peel, Ontario. This assessment was undertaken in order to meet the requirements of a standard condition of development approval.

The Stage 2 field assessment did not result in the identification of any archaeological material. As a result, no further archaeological assessment is recommended. The Ontario Ministry of Culture is asked to review the results presented in this report, issue a letter of clearance for the subject property, and inform the City of Mississauga that the provincial concerns for cultural heritage resources for this project have been met.

Should deeply buried archaeological material be found on the property during excavation activities, the Ministry of Culture should be notified immediately at (416) 314-7174. In the event that human remains are encountered during excavation, the proponent should immediately contact both the Ministry of Culture and the Registrar or Deputy Registrar of the Cemeteries Regulation Unit of the Ministry of Consumer and Commercial Relations, (416) 326-8392.

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