
STAGE 1 ARCHAEOLOGICAL BACKGROUND STUDY
AND
LIMITED STAGE 2 ARCHAEOLOGICAL ASSESSMENT

Chipwoods Park

Part of Lot 8, Concession 3
Formerly the Township of Melancthon, Grey County
Township of Melancthon, Dufferin County, Ontario

ORIGINAL REPORT

May 5, 2025

MCM Archaeological File PIF # P244-0333-2024 | Licensee: Claire Freisenhausen (P244)

Submitted to Josh Blokhuis

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Table of Contents

<i>List of Tables</i>	<i>ii</i>
<i>List of Appendices</i>	<i>ii</i>
<i>List of Figures</i>	<i>ii</i>
<i>List of Images</i>	<i>ii</i>
<i>Project Personnel</i>	<i>iii</i>
<i>Executive Summary</i>	<i>iv</i>
1.0 Introduction & Summary	1
2.0 Project Context	2
2.1 Development Context	3
2.2 Historical Context	3
2.2.1 Indigenous Land Use and Settlement.....	3
2.2.2 Euro-Canadian Land Use: Township Survey and Settlement.....	8
2.2.2.1 Grey County & Dufferin County.....	8
2.2.3 Nottawasaga Purchase – Treaty 18	9
2.2.4 Property History – Cartographic & Documentary Sources.....	10
2.2.5 Analysis of Historic Maps & Documentation.....	13
2.3 Archaeological Context	14
2.3.1 Existing Archaeological Sites.....	14
2.3.2 Property Conditions & Current Land Use.....	14
2.3.3 Physiographic Setting & Archaeological Potential.....	14
2.3.4 Previous Archaeological Assessment.....	15
2.3.5 Dates of Archaeological Fieldwork.....	15
3.0 Field Methodology	16
4.0 Record of Finds	17
4.1 Soil Stratigraphy – Lots.....	18
4.2 Artifacts.....	19
5.0 Indigenous Engagement & Consultation	19
6.0 Analysis & Conclusions	19
7.0 Recommendations	21
7.1 Advice on Compliance with Legislation	21
8.0 References	23

List of Tables

Table 1: Selected Historical Chronology of the Subject Property..... 12
Table 2: Existing Archaeological Sites within 2km of the Subject Property.....14
Table 3: Stage 2 Assessment – Summary of Test Pit Stratigraphy.....18

List of Appendices

- A:** STAGE 2 MAPS: General Property and Historic Mapping
- B:** STAGE 2 IMAGES: General Property and Fieldwork Photographs

List of Figures

- Figure A1** – Location of the Study Area on the National Topographic Survey 41H03 1:30,000 scale
- Figure A2** – MNR Plan of Property Showing Detailed Property Layout & Context
- Figure A3** – Survey Plan of Property
- Figure A4** – Proposed Severance Plan
- Figure A5** – Historic Maps & Images
- Figure A6** – Archaeological Fieldwork & Photograph Locations

List of Plates

- Plate 1:** Southern/Front Access Point Field Conditions; looking west
- Plate 2:** Southern/Front Access Field Conditions; looking north
- Plate 3:** Southern/Front Access Field Conditions; looking north
- Plate 4:** Southern/Front Access Field Conditions; looking north
- Plate 5:** Southern Field Conditions; looking west
- Plate 6:** Southern Field Conditions; looking west
- Plate 7:** Southern Field Conditions; looking west
- Plate 8:** Southern Field Conditions; looking northwest
- Plate 9:** Southern Field Conditions & Fieldwork in Progress; looking west
- Plate 10:** Southern Field Conditions; looking north
- Plate 11:** Southern Field Conditions; looking east
- Plate 12:** Southern Field Conditions; looking northwest
- Plate 13:** Southern Field Conditions; looking northeast
- Plate 14:** Southern Field Conditions; looking north
- Plate 15:** Southern Field Conditions at Pond; looking north
- Plate 16:** Southern Field Conditions; looking northeast
- Plate 17:** Central Area Field Conditions; looking north
- Plate 18:** Central Area Field Conditions; looking north
- Plate 19:** Central Area Field Conditions; looking north
- Plate 20:** Central Area Field Conditions; looking northwest

Chipwoods Park
Stage 1-2 Archaeological Assessment
Township of Melancthon, Ontario

- Plate 21: Central Area Field Conditions; looking northwest**
- Plate 22: Central Area Field Conditions towards woods; looking east**
- Plate 23: Central Area Field Conditions; looking northwest**
- Plate 24: Central Area Field Conditions; looking north**
- Plate 25: Central Area Field Conditions; looking north**
- Plate 26: Example of Central Area Field Conditions behind trailers in forest; looking west**
- Plate 27: Northern end of Central Area Field Conditions; looking south**
- Plate 28: Northern end of Central Area Field Conditions; looking north**
- Plate 29: Northern Area Field Conditions; looking west**
- Plate 30: Far Northern Area Field Conditions in Bush; looking west**
- Plate 31: Northern Area Field Conditions in Bush; looking west**
- Plate 32: Far Northern Area Field Conditions in Bush at east end; looking north**
- Plate 33: North Central Area Field Conditions; looking east**
- Plate 34: North Central Area Field Conditions; looking northwest**
- Plate 35: North Central Area Field Conditions; looking south**
- Plate 36: North Central Area Field Conditions; looking west**
- Plate 37: North Central Area Field Conditions; looking north**
- Plate 38: North Central Area Field Conditions; looking north**
- Plate 39: West Central Area Field Conditions; looking west**
- Plate 40: West Central Area Field Conditions; looking northwest**
- Plate 41: West Central Area Field Conditions; looking east**
- Plate 42: West Central Area Field Conditions; looking east**
- Plate 43: West Central Area Field Conditions; looking east**
- Plate 44: West Southern Area Field Conditions; looking northeast**
- Plate 45: West Southern Area Field Conditions; looking south**
- Plate 46: West Southern Area Field Conditions; looking southeast**
- Plate 47: West Southern Area Field Conditions & W.I.P.; looking east**
- Plates 48-49: West South Area Field Conditions with property boundary marker & W.I.P ; looking east**
- Plates 50-51: West Southern Area Sample Test Pit Planview – Lots 4-5; looking south**
- Plates 52-53: West Southern Area Sample Test Pit Profile – Lots 4-5; looking east**
- Plates 54-55: West Southern Area Field Conditions & W.I.P.; looking east & southeast**
- Plate 56: West Southern Area Field Conditions; looking north**
- Plate 57: West Southern Area Field Conditions; looking northeast**
- Plate 58: West Southern Area Field Conditions; looking south**
- Plate 59: East Central Area Field Conditions & W.I.P.; looking east**
- Plate 60: East Central Area Field Conditions; looking east**
- Plate 61: East Central Area Field Conditions & W.I.P.; looking east**
- Plate 62: East Central Area Field Conditions; looking north**
- Plates 63-64: North Central Area Field Conditions & W.I.P.; looking east & north**
- Plates 65-66: East Central Area & Northwest Field Conditions & W.I.P.; looking west & north**
- Plates 67-68: Northwest Area Sample Test Pit Planview – Lots 4-5; looking north**
- Plates 69-70: Northwest Area Sample Test Pit Profile – Lots 4-5; looking east**
- Plate 71: East Central Area Field Conditions & W.I.P.; looking east**
- Plate 72: West Central Area Field Conditions & W.I.P.; looking south**

Chipwoods Park
Stage 1-2 Archaeological Assessment
Township of Melancthon, Ontario

- Plate 73: West Central Area Field Conditions; looking west**
- Plates 74-75: Northwest Area Field Conditions; looking west & east**
- Plates 76-77: Southwest Area Sample Test Pit Context & Planview – Lots 1-2-3; looking west & north**
- Plate 78: Southwest Area Sample Test Pit Planview Close-up – Lots 1-2-3; looking north**
- Plates 79-80: Southwest Area Sample Test Pit Profile– Lots 1-2-3; looking east**
- Plates 81-82: Southwest Area W.I.P. & Test Pit Location/Context; looking west & north**
- Plate 83: Southwest Area W.I.P. & Test Pit Location/Context; looking north**
- Plate 84: Southwest Area Field Conditions; looking south**
- Plates 85-86: Southwest Area W.I.P. & Test Pit Location/Context; looking east & west**
- Plates 87-88: Southwest Area W.I.P. & Test Pit Location/Context; looking west & northwest**
- Plate 89: Southwest Area W.I.P. & Test Pit Location/Context; looking west**
- Plate 90: West Central Area W.I.P. & Test Pit Location/Context; looking south**
- Plate 91: North Central Area Field Conditions with Hydro marked; looking southwest**
- Plates 92-93: Northeast Area W.I.P. & Test Pit Location/Context; looking east & south**
- Plate 94: North Central Area Field Conditions; looking north**
- Plate 95: Northeast Area Field Conditions in Bush; looking northeast**
- Plate 96: Northeast Area Field Conditions in Bush; looking south**
- Plate 97: West Central Area W.I.P. & Test Pit Location/Context; looking east**
- Plates 98-99: West Central Area W.I.P. & Test Pit Location/Context; looking south & west**
- Plate 100: West Central Area W.I.P. & Test Pit Location/Context; looking northeast**
- Plate 101: Southwest Central Area Field Conditions; looking southwest**
- Plate 102: Southwest Central Area Field Conditions; looking southwest**
- Plate 103: Southwest Central Area Field Conditions at pond; looking southeast**
- Plate 104: Southwest Area W.I.P. & Test Pit Location/Context; looking south**
- Plates 105-106: Southwest Area Sample Test Pit Planview Lots 1-2-3; looking north**
- Plates 107-109: Southwest Area Sample Test Pit Profile Lots 1-2-3; looking north**
- Plates 110-113: Southwest Area Sample Test Pit Profile Lots 1-2-3; looking north**
- Plate 114: Southwest Area W.I.P. & Test Pit Location/Context; looking east**
- Plate 115: Southwest Area W.I.P. & Test Pit Location/Context; looking southwest**
- Plates 116-117: Southwest Area W.I.P. & Sample Test Pit Planview Lots 1-2-3; looking east & north**
- Plates 118-119: Southwest Area Sample Test Pit Profile Lots 1-2-3; looking north**
- Plate 120: Northwest Area W.I.P. & Test Pit Location/Context; looking north**
- Plates 121-122: Northwest Area Sample Test Pit Planview & Profile Lots 4-5; looking north & south**
- Plate 123: North Area W.I.P. & Test Pit Location/Context; looking north**
- Plate 124: North Area W.I.P. & Test Pit Location/Context; looking north**
- Plate 125: North Area W.I.P. & Test Pit Location/Context; looking north**
- Plate 126: North Area W.I.P. & Test Pit Location/Context; looking west**
- Plates 127-128: North Area W.I.P. & Test Pit Loc/Context & bush conditions; looking east & north**
- Plate 129: North Area Sample Test Pit Planview Lots 4-5; looking north**
- Plates 130-131: North Area Sample Test Pit Profile Lots 4-5; looking north**

Project Personnel

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EXECUTIVE SUMMARY

In April of 2024, CRM Lab Archaeological Services (CRM Lab) was retained by 1000719578 Ontario Inc. to conduct a Stage 1 Archaeological Background Study and LIMITED Stage 2 Archaeological Property Assessment of the Project Area Portion of the Subject Property in the Township of Melancthon, and historically Part of Lot 8, Concession 3, Township of Melancthon, Dufferin County.

The current LIMITED Stage 1-2 Assessment report has been prepared by CRM Lab to document the assessment findings and subsequent recommendations for the Ministry of Citizenship and Multiculturalism (MCM) in accordance with the Ministry's *2011 Standards & Guidelines for Consultant Archaeologists*, and the Township of Melancthon's Planning Department. This assessment was requested by the proponent prior to the proposed property redevelopment which is to include redevelopment of the existing residential community and its associated infrastructure. This report documents the findings and subsequent recommendations based on the Stage 1 Background Research and Stage 2 fieldwork conducted on the portions of the subject property to be impacted by the proposed redevelopment, including a 15m buffer beyond the areas of impacts.

The subject property is bounded by forested areas, farmland, and wetlands on all sides, with a residential property to the east. There is a stream and pond within the property. The property consists of an existing residential community with seasonal and permanent residences and the associated infrastructure. The subject property was historically located in the Township of Melancthon, Dufferin County, Canada West.

The portions of the subject property subject to Stage 2 fieldwork have been determined to be mainly disturbed by large scale soil grading, presumably for the original residential community, by the installation of the existing water and hydro utilities, the construction of the road infrastructure and the permanent structures associated with the residential community and the formation of the pond. No 19th century structures were identified through the historic and cartographic research within the boundaries of the property.

Potential for Indigenous settlement was considered to be present on this property due to the geographic location in relation to water courses and wetland areas.

Stage 2 test pit survey of the accessible portions of the project area within the subject property yielded no artifacts from any of the lots encountered. A total of five (5) Lots were encountered, with two natural subsoils, two 20th century landscaping and grading fills, and one type of forest floor topsoil. The stratigraphy in the areas subject to test pit survey was generally consistent across the various areas of test pit survey across the project area; with disturbances observed in relation to previous large scale grading of the property, the existing structures and infrastructure.

No archaeological resources in an original, or displaced context relating to either any previous Indigenous occupations, nor to any previous Euro-Canadian occupations have been recovered.

These factors indicate that there is no further cultural heritage value or interest (CHVI) in the project

Chipwoods Park
Stage 1-2 Archaeological Assessment
Township of Melancthon, Ontario

area portion of the subject property.

HOWEVER, further Stage 2 Assessment will be required for the remaining areas of the property outside the current project area should ANY future below grade work be planned, as the remainder of the property has not been assessed by Stage 2 fieldwork under the current PIF, and still retains archaeological potential, as well as potential CHVI.

All records, documentation, field notes, and photographs related to the process and findings of these investigations are to be held at the Thornbury offices of CRM Lab Archaeological Services until such time that they can be transferred to an agency or institution approved by the Ministry of Citizenship and Multiculturalism (MCM) on behalf of the government and citizens of Ontario.

This project was carried out under the Ministry of Citizenship and Multiculturalism (MCM) Professional Archaeological license project number P244-0333-2024 (Stage 1-2), held by Ms. Claire Freisenhausen (P244). Stage 1 historic research was conducted in April of 2024, and Stage 2 fieldwork was carried out on July 29 to December 11th, 2024.

Given the results of the current LIMITED Stage 1-2 Archaeological Assessment and the findings of no archaeological resources of cultural heritage value or interest (CHVI) in the PROJECT AREA, the following recommendations have been made:

1. The Project Area consisting of part of the property at: *Chipwoods Park* in the Township of Melancthon, and historically part of Lot 8 Concession 3, Township of Melancthon, Dufferin County *does not contain any archaeological resources of cultural heritage value or interest*. **No further archaeological assessment is required for this portion of the subject property.**
2. Additional Stage 2 Archaeological Assessment will be required for the remaining areas of the subject property *outside* the current project area should future below grade work be planned, under a separate PIF, as these areas remain unassessed and as such *retain their archaeological potential for the discovery of archaeological resources of cultural heritage value or interest*. **Further archaeological assessment is required as per Figure A6:**
 - a. No below grade impacts may occur in any of these areas of the Subject Property outside the areas assessed during the current Stage 2 Assessment. This includes the following:
 - i. Any soil displacement.
 - ii. Any soil removal.
 - iii. Any stockpiling of materials.
 - iv. Any storage of equipment.
 - v. Any other construction activities of any kind.
3. All archaeological excavation activities will be conducted by a qualified archaeologist as licensed by the current Ministry of Citizenship and Multiculturalism.

STAGE 1 ARCHAEOLOGICAL BACKGROUND STUDY
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Township of Melancthon, Ontario
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1.0 INTRODUCTION & SUMMARY

In April of 2024, CRM Lab Archaeological Services (CRM Lab) was retained by 1000719578 Ontario Inc. to conduct a Stage 1 Archaeological Background Study and LIMITED Stage 2 Archaeological Property Assessment of the *Project Area Portion* of the Subject Property in the Township of Melancthon, and historically Part of Lot 8, Concession 3, Township of Melancthon, Dufferin County.

Figure A1 illustrates the location of the Study Area at 1:30,000km on the appropriate section of the National Topographic Survey (NTS) 041A01 – Dundalk, **Figure A2** illustrates the location of the project area on the Ministry of Natural Resources & Forestry Topographic Map, **Figure A3** illustrates the survey plan of the subject property, and **Figure A4** illustrates the proposed redevelopment plan of the subject property.

The current LIMITED Stage 1-2 Assessment report has been prepared by CRM Lab to document the assessment findings and subsequent recommendations for the Ministry of Citizenship and Multiculturalism (MCM) in accordance with the Ministry's *2011 Standards & Guidelines for Consultant Archaeologists*, and the Township of Melancthon's Planning Department. This assessment was requested by the proponent prior to the proposed property redevelopment which is to include redevelopment of the existing residential community and its associated infrastructure. This report documents the findings and subsequent recommendations based on the Stage 1 Background Research and Stage 2 fieldwork conducted on the portions of the subject property to be impacted by the proposed redevelopment, including a 15m buffer beyond the areas of impacts.

The subject property is bounded by forested areas, farmland, and wetlands on all sides, with a residential property to the east. There is a stream and pond within the property. The property consists of an existing residential community with seasonal and permanent residences and the associated infrastructure. The subject property was historically located in the Township of Melancthon, Dufferin County, Canada West.

The portions of the subject property subject to Stage 2 fieldwork have been determined to be mainly disturbed by large scale soil grading, presumably for the original residential community, by the installation of the existing water and hydro utilities, the construction of the road infrastructure and the permanent structures associated with the residential community and the formation of the pond. No 19th

century structures were identified through the historic and cartographic research within the boundaries of the property.

Potential for Indigenous settlement was considered to be present on this property due to the geographic location in relation to water courses and wetland areas.

Stage 2 test pit survey of the accessible portions of the project area within the subject property yielded no artifacts from any of the lots encountered. A total of five (5) Lots were encountered, with two natural subsoils, two 20th century landscaping and grading fills, and one type of forest floor topsoil. The stratigraphy in the areas subject to test pit survey was generally consistent across the various areas of test pit survey across the project area; with disturbances observed in relation to previous large scale grading of the property, the existing structures and infrastructure.

No archaeological resources in an original, or displaced context relating to either any previous Indigenous occupations, nor to any previous Euro-Canadian occupations have been recovered.

These factors indicate that there is no further cultural heritage value or interest (CHVI) in the project area portion of the subject property.

HOWEVER, further Stage 2 Assessment will be required for the remaining areas of the property outside the current project area should ANY future below grade work be planned, as the remainder of the property has not been assessed by Stage 2 fieldwork under the current PIF, and still retains archaeological potential, as well as potential CHVI.

All records, documentation, field notes, and photographs related to the process and findings of these investigations are to be held at the Thornbury offices of CRM Lab Archaeological Services until such time that they can be transferred to an agency or institution approved by the Ministry of Citizenship and Multiculturalism (MCM) on behalf of the government and citizens of Ontario.

This project was carried out under the Ministry of Citizenship and Multiculturalism (MCM) Professional Archaeological license project number P244-0333-2024 (Stage 1-2), held by Ms. Claire Freisenhausen (P244). Stage 1 historic research was conducted in April of 2024, and Stage 2 fieldwork was carried out on July 29 to December 11th, 2024.

2.0 PROJECT CONTEXT

The purpose of the current LIMITED Stage 1-2 Assessment was to locate and identify any archaeological remains in the project area portion (including a 15m buffer around the areas of impact) of the subject property which may be impacted by the proposed redevelopment of the project area (see **Figure A4**). Historic land records, mapping and aerial photographs were analyzed to determine the cultural heritage value of the subject area, complying with the Ministry's *2011 Standards & Guidelines for Consultant Archaeologists*.

2.1 DEVELOPMENT CONTEXT

The current assessment has been conducted at the request of the proponent in order to fulfill the requirements of the Township of Melancthon's Planning Department under Subsection 51 (15) of the Planning Act, R.S.O 1990, c.P.13 prior to the proposed redevelopment of the subject property. The proposed enhancements include construction of a new residential community and its associated infrastructure.

As the project area is located entirely on private property, permission to enter the subject property to conduct all required archaeological fieldwork activities was obtained from the property owner via email. No limitations were placed on access to the subject property, including the recovery of artifacts.

2.2 HISTORICAL CONTEXT

The Study Area consists of a parcel of land that was historically part of the Township of Melancthon, Dufferin County.

A variety of resources were reviewed as part of the Stage 1 historic background research. An analysis of historic maps and aerial photographs was conducted to examine topography, drainage, and land use history to determine the types and locations of former structures - if any - on the property. 19th and 20th century maps and directories were consulted for the names of site occupants and to determine the changes over time of the street addresses and names. Archival sources were sought at the Provincial Archives of Ontario.

2.2.1 Indigenous Land Use and Settlement

Southern Ontario has been occupied by human populations since the retreat of the Laurentide glacier approximately 13,000 years before present (BP) (Ferris 2013). Populations at this time would have been highly mobile, inhabiting a boreal-parkland similar to the modern sub-arctic. By approximately 10,000 BP, the environment had progressively warmed (Edwards and Fritz 1988) and populations now occupied less extensive territories (Ellis and Deller 1990).

Between approximately 10,000-5,500 BP, the Great Lakes basins experienced low-water levels, and many sites which would have been located on those former shorelines are now submerged. This period produces the earliest evidence of heavy wood working tools, an indication of greater investment of labour in felling trees for fuel, to build shelter, and watercraft production. These activities suggest prolonged seasonal residency at occupation sites. Polished stone and native copper implements were being produced by approximately 8,000 BP; the latter was acquired from the north shore of Lake Superior, evidence of extensive exchange networks throughout the Great Lakes region. The earliest evidence for cemeteries dates to approximately 4,500-3,000 BP and is indicative of increased social

organization, investment of labour into social infrastructure, and the establishment of socially prescribed territories (Ellis et al. 1990; Ellis et al. 2009; Brown 1995:13).

Between 3,000-2,500 BP, populations continued to practice residential mobility and to harvest seasonally available resources, including spawning fish. The Woodland period begins around 2,500 BP and exchange and interaction networks broaden at this time (Spence et al. 1990:136, 138) and by approximately 2,000 BP, evidence exists for small community camps, focusing on the seasonal harvesting of resources (Spence et al. 1990:155, 164). By 1,500 BP there is macro botanical evidence for maize in southern Ontario, and it is thought that maize only supplemented people's diet. There is earlier phytolith evidence for maize in central New York State by 2,300 BP - it is likely that once similar analyses are conducted on Ontario ceramic vessels of the same period, the same evidence will be found (Birch and Williamson 2013:13–15). As is clearly evident in the detailed ethnographies of Anishinaabek populations, winter was a period during which some families would depart from the larger group as it was easier to sustain smaller populations (Rogers 1962). It is generally understood that these populations were Algonquian-speakers during these millennia of settlement and land use.

From the beginning of the Late Woodland period at approximately 1,000 BP, lifeways became more similar to that described in early historical documents. Between approximately 1000-1300 Common Era (CE), the communal site is replaced by the village focused on horticulture. Seasonal disintegration of the community for the exploitation of a wider territory and more varied resource base was still practised (Williamson 1990:317). By 1300-1450 CE, this episodic community disintegration was no longer practised and populations now communally occupied sites throughout the year (Dodd et al. 1990:343). From 1450-1649 CE this process continued with the coalescence of these small villages into larger communities (Birch and Williamson 2013). Through this process, the socio-political organization of the First Nations, as described historically by the French and English explorers who first visited southern Ontario, was developed. By 1600 CE, the communities within Simcoe County had formed the Confederation of Nations encountered by the first European explorers and missionaries. In the 1640s, the traditional enmity between the Haudenosaunee¹ and the Huron-Wendat (and their Algonquian allies such as the Nipissing and Odawa) led to the dispersal of the Huron-Wendat.

Samuel de Champlain in 1615 reported that a group of Iroquoian-speaking people situated between the Haudenosaunee and the Huron-Wendat were at peace and remained "la nation neutre". In subsequent years, the French visited and traded among the Neutral, but the first documented visit was not until 1626, when the Recollet missionary Joseph de la Roche Daillon recorded his visit to the villages of the Attiwandaron, whose name in the Huron-Wendat language meant "those who speak a slightly different tongue" (the Neutral apparently referred to the Huron-Wendat by the same term). Like the Huron-Wendat, Petun, and Haudenosaunee, the Neutral people were settled village agriculturalists. Several discrete settlement clusters have been identified in the lower Grand River, Fairchild-Big Creek, Upper Twenty Mile Creek, Spencer-Bronte Creek drainages, Milton, Grimsby, Eastern Niagara Escarpment and Onondaga Escarpment areas, which are attributed to Iroquoian populations. These settlement clusters are believed by some scholars to have been inhabited by populations of the Neutral Nation or pre- (or ancestral) Neutral Nation (Lennox and Fitzgerald 1990).

Between 1647 and 1651, the Neutral were decimated by epidemics and ultimately dispersed by the Haudenosaunee, who subsequently settled along strategic trade routes on the north shore of Lake Ontario for a brief period during the mid seventeenth-century. Compared to settlements of the Haudenosaunee, the “Iroquois du Nord” occupation of the landscape was less intensive. Only seven villages are identified by the early historic cartographers on the north shore, and they are documented as considerably smaller than those in New York State. The populations were agriculturalists, growing maize, pumpkins, and squash. These settlements also played the important alternate role of serving as stopovers and bases for Haudenosaunee travelling to the north shore for the annual beaver hunt (Konrad 1974).

Shortly after dispersal of the Huron-Wendat, Ojibwa began to expand into southern Ontario (Rogers 1978:760–762). This history was constructed by Rogers using both Anishinaabek oral tradition and the European documentary record, and notes that it included Chippewa, Ojibwa, Mississauga, and Saulteaux or “Southeastern Ojibwa” groups. Ojibwa, likely Odawa, were first encountered by Samuel de Champlain in 1615 along the eastern shores of Georgian Bay. Etienne Brule later encountered other groups and by 1641, Jesuits had journeyed to Sault Sainte Marie (Thwaites 1896:11:279) and opened the Mission of Saint Peter in 1648 for the occupants of Manitoulin Island and the northeast shore of Lake Huron. The Jesuits reported that these Algonquian peoples lived “solely by hunting and fishing and roam as far as the “Northern sea” to trade for “Furs and Beavers, which are found there in abundance” (Thwaites 1896- 1901, 33:67), and “all of these Tribes are nomads, and have no fixed residence, except at certain seasons of the year, when fish are plentiful, and this compels them to remain on the spot” (Thwaites 1896-1901, 33:153). Algonquian-speaking groups were historically documented wintering with the Huron-Wendat, some who abandoned their country on the shores of the St. Lawrence because of attacks from the Haudenosaunee (Thwaites 1896-1901, 27:37).

Other Algonquian groups were recorded along the northern and eastern shores and islands of Lake Huron and Georgian Bay - the “Ouasouarini” [Chippewa], the “Outchougai” [Outchougai], the “Atchiligouan” [Achiligouan] near the mouth of the French River and north of Manitoulin Island the “Amikouai, or the nation of the Beaver” [Amikwa; Algonquian] and the “Oumisagai” [Mississauga; Chippewa] (Thwaites 1896-1901, 18:229, 231). At the end of the summer 1670, Father Louys André began his mission work among the Mississagué, who were located on the banks of a river that empties into Lake Huron approximately 30 leagues from the Sault (Thwaites 1896-1901, 55:133-155).

The Haudenosaunee are also known as the New York Iroquois or Five Nations Iroquois and after 1722 Six Nations Iroquois. They were a confederation of five distinct but related Iroquoian-speaking groups – the Seneca, Onondaga, Cayuga, Oneida, and Mohawk. Each lived in individual territories in what is now known as the Finger Lakes district of Upper New York. In 1722 the Tuscarora joined the confederacy.

After the Huron-Wendat had been dispersed, the Haudenosaunee began to exert pressure on Ojibwa to the north. While their numbers had been reduced through warfare, starvation, and European diseases, the coalescence of various Anishinaabek groups led to enhanced social and political strength (Thwaites 1896- 1901, 52:133) and Sault Sainte Marie was a focal point for people who inhabited adjacent areas both to the east and to the northwest as well as for the Saulteaux, who considered it their home (Thwaites 1896- 1901, 54:129-131). The Haudenosaunee established a series of settlements at strategic

locations along the trade routes inland from the north shore of Lake Ontario. From east to west, these villages consisted of Ganneious, on Napanee Bay, an arm of the Bay of Quinte; Quinte, near the isthmus of the Quinte Peninsula; Ganaraske, at the mouth of the Ganaraska River; Quintio, at the mouth of the Trent River on the north shore of Rice Lake; Ganatsekwyagon (or Ganestiquiagon), near the mouth of the Rouge River; Teyaiagon, near the mouth of the Humber River; and Quinaouatoua, on the portage between the western end of Lake Ontario and the Grand River (Konrad 1981:135). Their locations near the mouths of the Humber and Rouge Rivers, two branches of the Toronto Carrying Place, strategically linked these settlements with the upper Great Lakes through Lake Simcoe. The inhabitants of these villages were agriculturalists, growing maize, pumpkins and squash, but their central roles were that of portage starting points and trading centres for Iroquois travel to the upper Great Lakes for the annual beaver hunt (Konrad 1974; Williamson et al. 2008:50–52). Ganatsekwyagon, Teyaiagon, and Quinaouatoua were primarily Seneca; Ganaraske, Quinte and Quintio were likely Cayuga, and Ganneious was Oneida, but judging from accounts of Teyaiagon, all of the villages might have contained peoples from a number of the Iroquois constituencies (ASI 2013).

During the 1690's, Ojibwa soon replaced the Haudenosaunee by force. By the first decade of the 18th century, the Michi Saagiig Nishnaabeg (Mississauga Nishnaabeg) had settled at the mouth of the Humber, near Fort Frontenac at the east end of Lake Ontario and the Niagara region and within decades were well established throughout southern Ontario. In 1736, the French estimated there were 60 men at Lake Saint Clair and 150 among small settlements at Quinte, the head of Lake Ontario, the Humber River, and Matchedash (Rogers 1978:761). This history is based almost entirely on oral tradition provided by Anishinaabek elders such as George Copway (Kahgegagahbowh), a Mississauga born in 1818 near Rice Lake who followed a traditional lifestyle until his family converted to Christianity (MacLeod 1992:197; Smith 2000). According to Copway, the objectives of campaigns against the Haudenosaunee were to create a safe trade route between the French and the Ojibwa, to regain the land abandoned by the Huron-Wendat. While various editions of Copway's book have these battles occurring in the mid-17th century, common to all is a statement that the battles occurred around 40 years after the dispersal of the Huron-Wendat (Copway 1850:88; Copway 1851:91; Copway 1858:91). Various scholars agree with this timeline ranging from 1687, in conjunction with Denonville's attack on Seneca villages (Johnson 1986:48; Schmalz 1991:21–22) to around the mid- to late-1690s leading up to the Great Peace of 1701 (Schmalz 1977:7; Bowman 1975:20; Smith 1975:215; Tanner 1987:33; Von Gernet 2002:7–8).

Peace was achieved between the Haudenosaunee and the Anishinaabek Nations in August of 1701 when representatives of more than twenty Anishinaabek Nations assembled in Montreal to participate in peace negotiations (Johnston 2004:10). During these negotiations captives were exchanged and the Iroquois and Anishinaabek agreed to live together in peace. Peace between these nations was confirmed again at council held at Lake Superior when the Iroquois delivered a wampum belt to the Anishinaabek Nations.

From the beginning of the 18th century to the assertion of British sovereignty in 1763, there is no interruption to Anishinaabek control and use of southern Ontario. While hunting in the territory was shared, and subject to the permission of the various nations for access to their lands, its occupation was by Anishinaabek until the assertion of British sovereignty, the British thereafter negotiating treaties with

them. Eventually, with British sovereignty, tribal designations changed (Smith 1975:221–222; Surtees 1985:20–21). According to Rogers (1978), by the 20th century, the Department of Indian Affairs had divided the “Anishinaubag” into three different tribes, despite the fact that by the early 18th century, this large Algonquian-speaking group, who shared the same cultural background, “stretched over a thousand miles from the St. Lawrence River to the Lake of the Woods.” With British land purchases and treaties, the communities at Beausoleil Island, Cape Croker, Christian Island, Georgina and Snake Islands, Rama, Sarnia, Saugeen, the Thames, and Walpole, became known as “Chippewa” while the communities at Alderville, New Credit, Mud Lake, Rice Lake, and Scugog, became known as “Mississauga.” The northern groups on Lakes Huron and Superior, who signed the Robinson Treaty in 1850, appeared and remained as “Ojibbewas” in historical documents.

In 1763, following the fall of Quebec, New France was transferred to British control at the Treaty of Paris. The British government began to pursue major land purchases throughout Ontario in the early 19th century, and entered into negotiations with various Nations for additional tracts of land as the need arose to facilitate European settlement.

During the American Revolution, Mississauga warriors supported the English military. Rebel forces destroyed the villages of the Six Nations Iroquois in New York and many people were forced to move to the Niagara area. When Six Nations Iroquois leaders learned that the English planned to make a peace treaty with the Americans and establish a boundary line that would give away their homelands they were angry. The English government offered to protect Six Nations Iroquois peoples and give them land within their boundaries. On August 8, 1783, Lord North instructed Governor Haldimand to set apart land for the Six Nations Iroquois and ensure that they carried on their hunting and fur trading with the British. On May 22, 1784, a tract of land along the Grand River was purchased by the British government from the Mississaugas who lived in the vicinity (Johnston 1964; Lytwyn 2005). The land set apart is called the Haldimand Tract. Joseph Brant led Haudenosaunee loyalists (1600 people) to the Haldimand tract in 1784 and in the fall of 1784, Sir Frederick Haldimand formally awarded the tract to the Mohawks “and others of the Six Nations [Iroquois].” They were authorized to “Settle upon the Banks of the River” and were allotted “for that Purpose six miles [10 km] deep from each Side of [it] beginning at Lake Erie, & extending in the Proportion to [its] Head.” The precise boundaries of the grant were unclear as there was no survey; for example, the northern boundary of the original deed from the Mississaugas to the Crown stated that the line extended “from the creek that falls from a small lake into...the bay known by the name of Waghquata [Burlington Bay]...until it strikes the river La Tranche [Thames].” The 1790 survey by Augustus Jones intentionally failed to include the headwaters of the Grand, an action made all the more difficult to address given the unclear description of the extent in the original deeds (Johnston 1964; Lytwyn 2005).

Brant regarded the territory as his own to manage on behalf of the Confederacy and interpreted the proclamation as tantamount to full national recognition of the Mohawks and fellow tribesmen. This interpretation was strongly denied by the British (Johnston 1964; Lytwyn 2005). Appointed as Lieutenant Governor of the new colony of Upper Canada in 1791, Simcoe refused to permit the Six Nations Iroquois to sell/lease any part of their reserve because they were arranged independently of the Crown. Brant, on the other hand, argued for the Six Nations Iroquois’ need for an immediate assured income from land sales as they could no longer hope to survive by hunting exclusively. Simcoe

thought that if such practices were permitted, it could lead to other Europeans attempting to seize control by any means of the better part of the Six Nations Iroquois' reserve and it was therefore unresolved as to whether Six Nations Iroquois people could dispose of their lands directly to whomever they chose (Johnston 1964; Lytwyn 2005).

In the first few years, Brant, who had been described, by some, as a Europeanized entrepreneur, took the initiative and invited white friends and acquaintances to the tract and provided them with rough land titles. Over the next 25 years (1784-1810), a considerable number of Europeans and Americans obtained similar leases authorizing them (in Brant's opinion) to occupy and improve lots overlooking the river (Johnston 1964; Lytwyn 2005).

The subsequent Peter Russel administration (1797-1798), however, recognized the leases and the sales that Brant arranged with white settlers along the Grand River Valley. Trustees were appointed to act on the behalf of the Six Nations Iroquois with the authority to receive payment of purchases. On the other hand, some Six Nations Iroquois thought that the land sale practices violated the ancient principle that land was not a "commodity which could be conveyed." Two Mohawk sachems even tried to take up arms to depose Brant because they did not agree with his ways. Their efforts were for naught and they returned to the Bay of Quinte where other Six Nation Iroquois peoples, led by Sachem John Deseronto, had settled after the American Revolution (Johnston 1964; Lytwyn 2005).

A formal investigation of the matter was launched in 1812 although leases were not set aside. Due to problems of white encroachment including squatters without titles, settlers who bought land from individuals or through other transactions with Six Nations Iroquois, many of the leases were confirmed by the Crown in 1834-5. Unauthorized sales and agreements remained rampant (Johnston 1964; Lytwyn 2005).

In 1841, Samuel P. Jarvis (Indian Superintendent) informed the Six Nations Iroquois that the only way to keep white intruders off their land would be for them to surrender it to the Crown, to be administered for their sole benefit. With this plan, the Six Nations Iroquois would retain lands that they actually occupied and a reserve of approximately 8,094 ha. The surrender of land was made by the Confederacy in January, 1841 (Johnston 1964; Lytwyn 2005).

Today, this history and those surrenders are still contested and there are numerous specific land claims that have been filed by the Six Nations Iroquois with the federal government in regard to lands within the Haldimand Tract (Johnston 1964; Lytwyn 2005).

2.2.2 Euro-Canadian Land Use: Township Survey and Settlement

2.2.2.1 Grey County & Dufferin County

Melancthon Township was moved from Grey County to the newly created Dufferin County in 1879. The history of European expansion in Grey and Simcoe Counties begins early in the history of Upper Canada. In 1613 the coureur de bois Etienne Brule was sent to Huronia by the Governor of New France to establish a trade relationship with the Huron-Wendat inhabitants of what was known as Huronia

(Bayfield 2012). Brule made this contact at a village called Carhagouha, located in the vicinity of Penetanguishene, after arriving in the area by canoe via Penetanguishene Bay. Two years after Brule established himself in the area he was visited by Samuel de Champlain, the Governor of New France.

Grey County was established in 1852, relatively late for Upper Canada as it took longer for permanent settlement to be established along Georgian Bay. Townships from varying counties were combined to form the new county. Initially the county would still be administrated from Wellington County until the proper infrastructure could be created (history-articles.com). Initially Sydenham (Owen Sound) was suggested as a capital for the county, but it was judged to be unsuitable until new buildings were constructed for the courthouse and jail. This was completed in 1852. (ibid)

The early history of Grey County was closely tied to the military development of Upper Canada. The first settlers were either military men and their families or refugees from the United States. Following the American Revolutionary War people who were loyal to the British, known as United Empire Loyalists, were exiled. They were granted free land in Upper Canada by the British for their support. Both the United Empire Loyalists and military families were considered “official” or non-resident patentees and were free to clear the land they received as they wished (Johnson 1973).

Early European settlements in Upper Canada were localized to the northern shore of Lake Ontario. It was a much slower process for townships in the northern part of Grey County, including Melancthon Township – the location of the project area.

2.2.2.2 Township of Melancthon

The Township of Melancthon was originally opened for settlement in 1821. The closest settlement area to the project area was the Town of Shelburne. The original surveyor of the township described the area as being almost all marshland and being extremely mean. Due to this inhospitable and mean nature, the surveyor, who was a Catholic, chose to name the township, and the neighbouring townships after the leaders of the Protestant revolution (Chapman and Putnam). The first settlers arrived in 1826, but widespread settlement did not begin until the 1850s.

2.2.3 Nottawasaga Purchase – Treaty 18

The arrival of Loyalists during and after the American Revolutionary War placed pressure on the British Crown to find lands on which to settle the newcomers. Among the Loyalists were approximately 2000 members of the Six Nations who had lost their homes fighting on behalf of the Crown. The Ontario Government has a summary of Treaty 18:

“Treaty 18 was signed on Oct 17, 1818, by representatives of the Crown and certain Anishinaabe peoples. It is also known as the Lake Simcoe-Nottawasaga Treaty and was the first of three treaties signed between October and November of 1818. A fourth, Treaty 27, was signed in the Spring of 1819. The treaty details include a payment of goods at the "Montreal Price," because Montreal was the economic hub of Upper and Lower Canada.

Current communities in the area include Wasaga, Bradford and Collingwood.”

The Lake Simcoe-Nottawasaga Treaty, or Treaty 18, was made between the Chippewa near Lake Simcoe (the current Chippewa of Rama First Nation, Chippewas of Beausoleil First Nation, and the Chippewas of Georgina Island) and the colonial government of Upper Canada. On October 17, 1818, Mississauga leaders including Chief Musquakie (or Yellowhead), and colonial officials met near the Holland River in the Township of King to negotiate the treaty and sign. Treaty 18 outlines the surrender of 1,592,000 acres of land (encompassing current-day communities such as Collingwood and Bradford) in exchange for an annual payment of £1200 in goods “at the Montreal price” in perpetuity.

The Chippewa leaders surrendered the land directly to the Crown in a public council, following protocol rooted in the 1763 Royal Proclamation and the 1764 Treaty of Niagara. These legal documents and agreements confirmed that settlers could not use land without a collectively negotiated treaty. Despite this, the Anishinaabeg in then-Upper Canada experienced frequent settler encroachment on their unceded land.

Indigenous Peoples, including the Chippewa, experienced hardship with infectious diseases, the colonization of hunting and fishing grounds, and increasing colonial policies and practices, particularly after the War of 1812 and Canadian Confederation in 1867. When negotiating Treaty 18, Chief Musquakie requested that the colonial government provide them with a doctor, though none was guaranteed in the treaty text.

Upper Canada sought to secure more land to settle British immigrants following the War of 1812, when the settler population of the province increased from 95,000 in 1814, to 186,488 in 1828. In need of essential resources, other Anishinaabe Peoples signed treaties with the Crown, including the Mississaugas of the Credit (Treaty 19) and the Michi Saagiig near Rice Lake (Treaty 20).
<https://grasac.artsci.utoronto.ca/?p=2211>

2.2.4 Property History – Cartographic & Documentary Sources

The current project area consists in part of a parcel of land which was historically in the Township of Melancthon in Dufferin County.

A chronological list of significant events pertaining to the Study Area is outlined in **Table 1** below. The land has had a series of owners throughout history. Several individuals have been able to be identified and additional information is also included.

Mary Ann Moorhouse

Mary Ann Moorhouse acquired the east half of the Lot in 1879. The website familysearch.org contains a biographical sketch of Moorehouse:

Chipwoods Park
LIMITED Stage 1 & Stage 2 Archaeological Assessment
Township of Melancthon, Ontario

When Mary Anne Jelly was born on 23 August 1846, in Leeds, Canada West, British Colonial America, her father, John Jelly Sr., was 46 and her mother, Mary Gilpin, was 45. She married Eusebius Robinson Moorhouse on 4 July 1867, in Elizabethtown-Kitley, Leeds and Grenville, Ontario, Canada. They were the parents of at least 4 sons and 3 daughters. She lived in Elizabethtown Township, Leeds and Grenville, Ontario, Canada in 1871 and Leeds and Grenville, Ontario, Canada in 1881. She died on 28 July 1885, in Elmsley, Lanark, Ontario, Canada, at the age of 38, and was buried in Elmsley, Lanark, Ontario, Canada.

<https://www.familysearch.org/tree/person/about/K2YV-4RM>

The 1871 census of Brockville contains an entry for Mary Ann, still with the maiden name Jelly and living with her father John, and mother Mary and three siblings, in it she is described as age 24, born in Ontario, religion as Church of England, origin as Irish, marital status as married.

John Jelly

John Jelly is listed as having left the land to his daughter Mary Ann in his will. The website familysearch.org contains a biographical sketch of Jelly:

When John Jelly Sr. was born on 19 July 1800, in Tandragee, County Armagh, Ireland, his father, Seth Jelly, was 39 and his mother, Martha Sinnamon, was 40. He married Mary Gilpin on 29 December 1828, in Elizabethtown-Kitley Township, Leeds and Grenville, Ontario, Canada. They were the parents of at least 5 sons and 2 daughters. He lived in Elizabethtown Township, Leeds and Grenville, Ontario, Canada in 1871. He died on 20 September 1876, in Elizabethtown-Kitley Township, Leeds and Grenville, Ontario, Canada, at the age of 76, and was buried in Saint Peters Anglican Church Cemetery, North Augusta, Augusta Township, Leeds and Grenville, Ontario, Canada

<https://www.familysearch.org/tree/person/about/K2YV-CLQ>

Ida Mary Moorehouse

In 1902 the children of Mary Ann Moorehouse sold the land. The website familysearch.org contains a biographical sketch of Ida Moorehouse:

When Ida Mary Moorhouse was born on 27 October 1868, in Elmsley, Lanark, Ontario, Canada, her father, Eusebius Robinson Moorhouse, was 25 and her mother, Mary Anne Jelly, was 22. She lived in Leeds and Grenville, Ontario, Canada for about 10 years. She died on 2 April 1916, in Manitoba, Canada, at the age of 47, and was buried in St. John's Anglican Cathedral Cemetery, St. Johns, Winnipeg, Manitoba, Canada.

<https://www.familysearch.org/tree/person/about/K2HS-TRV>

Samuel Lindsay

In 1902 the children of Mary Ann Moorehouse sold the land to a Samuel Lindsay. The 1901 census of Melancthon Township contains two entries for Samuel Lindsay, a father and a son. The father is described as age 46, born in Ontario, ethnicity as Irish, religion as Church of England, and occupation as farmer.

Chipwoods Park
LIMITED Stage 1 & Stage 2 Archaeological Assessment
Township of Melancthon, Ontario

The 1865-66 directory for the County of Grey contain as record for Lot 8, Concession 3. Robert McNabb is listed as living on the Lot.

A chronological list of selected documentation is given in **Table 1** below.

Consultation with the Ontario Cemeteries Index shows no cemeteries within the Project Area, or within the Subject Property itself; the nearest cemetery is the Shelburne Cemetery approximately 3.4 km to the south of the project area.

The original Lot was divided into an eastern and western portion.

TABLE 1: Selected Historical Chronology of the Study Area

East Side Lot 8

Dates	Description	Source
1879	Patent: The Crown to Mary Ann Moorehouse 200 acres	Abstract to Deeds
1876-1881	Will: John Jelly to Mary Ann Moorehouse East 1/2 100 acres	Abstract to Deeds
1902	Grant: Ida Mary Moorehouse, John M Moorehouse, Edith L Moorehouse Maggie E Moorehouse, Fred. E Moorehouse et ux to Samuel Lindsay for 19000 E 1/2 100 acres	Abstract to Deeds

West Side Lot 8

Dates	Description	Source
1864	Patent: The Crown to James Meakin 100 acres	Abstract to Deeds
1870	B&S: James Meakin to William Meakin for 600, 100 acres	Abstract to Deeds
1871	B&S: William Meakin et ux to Robert Stewart for 800 for 100 acres	Abstract to Deeds
1892	B&S: Robert Stewart to Martha Stewart	Abstract to Deeds
1898	Grant: Martha Stewart et mar to James Hay for 100 acres	Abstract to Deeds
1898	Grant: James Hay et ux to W, Larson 100 acre	Abstract to Deeds

Mapping Lot 8

Dates	Description	Source
1880	No structures are depicted within the project area. A creek is shown running through the project area. The current 3 Line Road is shown as a Concession Road. No owners' names are listed	H. Belden Map of Grey County Figure A5
1941	No structures are depicted within the project area. A creek is shown running through the project area. No owners' names are listed. The project area is shown as surrounded by woodland. No owners' names are listed	Department of National Defense Topographic Map Figure A5
1954	No structures are depicted within the project area. A creek is shown running through the project area. The current 3 Line Road can be seen.	University of Toronto Aerial Photos Archive Figure A5
2009	Satellite Image depicts project area as it currently appears. More trees have grown around the project area since the 1954 aerial photo, additionally a pond has been created along the stream	Google Earth/MNRF Figure A5
2014	Satellite Image depicts project area as it currently appears.	Google Earth/MNRF
2022	Satellite Image depicts the Project Area as it currently appears.	Google Earth/MNRF Figure A5

2.2.4 Analysis of Historic Maps & Documentation

A number of historic documents and maps were examined for evidence of former land use, structures, and property divisions. A selected group of the most relevant historic map segments are shown in the original to illustrate the location of the Study Area in relation to historic property divisions (**Figure A5**). A selected group of relevant aerial and satellite photographs are shown to illustrate the location of the Study Area in relation to historic property divisions (**Figure A5**).

The 1880 H. Belden Atlas of Grey County depicts no structures within the Project Area. No lot owner is listed. A creek can be seen running through the property.

The 1941 Topographic mapping appears to indicate that there were no structures within the project area. The project area is marked as a wooded area surrounded by marshland. A creek can be seen running through the property.

The 1954 aerial photo depicts no structures within the project area. A creek is shown running through the project area. The current 3 Line Road can be seen. There are fewer trees surrounding the property than on modern mapping

Several structures appear within the project area on modern satellite imagery, including the residential dwellings and the community centre, and the infrastructure for residential community. All of these maps have been discussed in **Table 1** above.

2.3 ARCHAEOLOGICAL CONTEXT

2.3.1 Existing Archaeological Sites

A search of the Ontario Archaeological Site Database at the Ministry of Citizenship and Multiculturalism, Heritage Operations Unit found no registered sites within or directly adjacent to (within 50m) the Subject Property, or within 300m of the Subject Property.

There are three previously registered sites within 2.0 km of the Study Area.

TABLE 2: Existing Archaeological Sites within 2km of the Subject Property

Borden Number	Site Name	Time Period	Affinity
BaHb-17	-	Post-Contact	Euro-Canadian
BaHb-15	Stone	-	-
BaHb-14	BaHb-14 - H1	-	-

2.3.2 Property Conditions & Current Land Use

The subject property is bounded by forested areas, farmland, and wetlands on all sides, with a residential property to the east. There is a stream and pond within the property. The property consists of an existing residential community with seasonal and permanent residences and the associated infrastructure. The subject property was historically located in the Township of Melancthon, Dufferin County, Canada West.

2.3.3 Physiographic Setting & Archaeological Potential

The Study Area, located in this part of Dufferin County is part of the Dundalk Till Plain physiographic region. The geography of this region is dominated gently undulating till plains with dumlinoidal swells oriented southwest. The region is the source of the Saugeen, Maitland, Nottawasaga, and Grand Rivers. The region is typified by areas of swampland and is poorly drained. Melancthon Township was described by the original surveyors as entirely swampland.

The soil in the project area is Caledon fine sandy loam which is a Grey-Brown Podzolic soil typified as a fine sandy loam material over outwash gravel with good drainage.

Potable water is arguably the single most important resource necessary for any extended human occupation or settlement of an area. Since water sources have remained relatively stable in Southern Ontario since the post-glacial period, proximity to water is regarded as a useful index for the evaluation of archaeological site potential.

Furthermore, other geographic characteristics such as elevated topography (i.e. eskers, drumlins, large knolls, plateaux), pockets of well-drained sandy soil (especially near heavy soil or rocky ground), distinctive land formations that might have been special or spiritual places (i.e. waterfalls, rock outcrops, caverns, mounds) and promontories can indicate archaeological potential.

The *Ministry's Standards & Guidelines* (2011) stipulate that undisturbed lands within 300 metres of a primary water source, and undisturbed lands within 200 metres of a secondary water source are considered to be of high archaeological potential. There is a creek running through the project area from the earliest historic mapping giving the project area potential for the recovery of Indigenous archaeological resources. Additionally, a 2023 environmental study identified several areas of wetlands surrounding the property.

For the Euro-Canadian period, the majority of early 19th century farmsteads (i.e., those which are arguably the most potentially significant resources and whose locations are rarely recorded on 19th century maps) are likely to be captured by the basic proximity to water model outlined and as noted above, since these occupations were subject to similar environmental constraints. An additional factor is the development of the network of concession roads and early railways through the course of the 19th century. These transportation routes frequently influenced the siting of farmsteads and businesses. The project area is located along a historic concession road, however it is not in close proximity as it is too far west in the lot.

According to the current documentary and mapping research, the subject property has had no mapped 19th century buildings constructed on it.

2.3.4 Previous Archaeological Assessment

There is no known previous archaeological assessment of the subject property, or in the direct vicinity.

2.3.5 Dates of Archaeological Fieldwork

Stage 1 historic research was conducted in April of 2024, and Stage 2 fieldwork was carried out from July 29 to December 11th, 2024.

3.0 FIELD METHODOLOGY

Stage 2 test pit excavations were conducted by CRM Lab staff in all accessible areas of the project area portion of the subject property to complete the Stage 2 Assessment of the project area, including a 15m buffer beyond the proposed limits of impact. Clear mapping was provided by the proponent to facilitate identification of the boundaries, as well as survey markers of the project area. **Figure A6** illustrates the areas of test pit excavations within the project area, as well as the locations of photographs taken in the field which are included in the current report. **Plates 1-131** include a selection of photographs depicting the property and relevant landscape features of the property, as well as samples of the types of stratigraphy encountered.

The weather was seasonal for each of the mid summer to late fall periods covered by the intermittent fieldwork; with temperatures ranging from 22-23 degrees at morning commencement to 24-29 degrees upon completion in the afternoons, with a mix of sun/cloud in and no precipitation during any of the summer fieldwork periods; in the late fall temperatures ranging from 2-4 degrees at morning commencement to 5-8 degrees upon completion in the afternoons, with a mix of sun/cloud in and no precipitation during any of the fieldwork periods, with the exception of the December fieldwork which was undertaken following the first snowfall. However, all December fieldwork areas had previously been inspected and documented *prior* to the snowfall, and as such the underlying surface and vegetation conditions were previously known and documented. All fieldwork was conducted when lighting conditions allowed for good to most excellent visibility. The ground remained unfrozen beneath the snow and was absolutely easy to excavate and screen.

The areas subject to test pit survey represent the accessible (i.e.: not covered by the heavy fill of the roadways, not covered by a permanent structure, not containing subsurface water or hydro lines and not permanently wet), and the flat portions (less than a 20 degree grade) of the Project Area, and 15m buffer, which required test pitting to complete the requirements of a Stage 2 Assessment of the Project Area. The water and hydro lines, being private utilities, were all turned off prior to Stage 2 fieldwork. A number of areas of the project area were flooded out with wetland conditions as noted in **Figure A6**.

The current assessment was designed to determine the location and condition of potential remnants of any Indigenous and/or 19th century features or structures not identified during the Stage 1 Study of historic maps and documentation that may be impacted by the redevelopment of the Project Area. Furthermore, the assessment sought to examine buried strata for the identification of original grade deposits and a determination of the degree of subsurface disturbances on the site.

Approximately 45% of the *property* within the current project area was subject to test pit survey following the guidelines set out under Section 2.1.2 of the *Standards and Guidelines* (MCM). 85% of the *project area* was subject to test pit survey. Of the project area portions not subject to Stage 2 fieldwork 5% was determined to exist within the existing pond and 10% consisted of the wetland areas of the

project area. The remaining 55% of the *property* remains unassessed as it falls outside the current area of impact for the proposed redevelopment.

Figure A6 illustrates the areas of test pit excavations, as well as locations of the photographs taken in the field, and other relevant physiographic features of the project area.

Hand dug shovel test pits were excavated on a 5x5m grid in the flat portions of the project area, and between the existing trailers and their varying related temporary outbuildings. A 5x5m grid was adhered to as well as possible, with spacing between test pits being reduced at times by no more than 1m to accommodate the complexities of navigating the trailers, outbuildings, woodpiles etc. prevalent on the property. A trowel was used where necessary to clear off test pit walls and floors for photography or closer inspection.

Elevations for each test pit were taken from the surface of the ground as the area was generally level, and representative test pits were documented photographically. Schematic profile drawings of stratigraphy were drawn in the field iPad for representative types of the test pits excavated, noting soil types, inclusions, any artifacts and lot thickness. Soil layers were identified, described and designated as “Lots” according to the Parks Canada classification system.

All soils removed during excavation were screened using 6mm (1/4”) diameter wire mesh screen to determine artifact and inclusion content. Test pits were at least 30cm in diameter, and subsoil was excavated into at least the first 5cm in each test pit. Each test pit was backfilled at the conclusion of its respective investigation.

4.0 RECORD OF FINDS

None of the excavated test pits yielded artifacts, or evidence of prior structural features. No artifacts from any context related to either a previous Indigenous or Euro-Canadian occupation were recovered during the current Stage 2 field assessment, indicating no direct occupation within the assessed areas prior to the 20th century in this location.

The following description of the archaeological findings in the test pit survey includes the stratigraphy of the soil lots encountered across the areas of excavation. Photographic plates of the Stage 2 fieldwork, as well as general property context photographs can be found in **Appendix B**.

The records generated by the current fieldwork include 448 digital photographs, digital field notes (on iPad) and hand drawn maps digitally copied to the main computers of CRM Lab. The additional historic background research conducted for the current project, and the associated notes are contained in the iPad as with all fieldnotes, as well as in digital format in the form of MS Word files housed on the main computers of CRM Lab. The current text and appendices, and the associated digitally rendered drawings and maps, digital photographs, and artifact catalogue are also housed on the main CRM Lab computers. A high resolution PDF, as well as a lower resolution version for printing and circulation have been created of the entire report (including all graphics and appendices). All digital records have been backed up on remote hard drives and CRM Lab’s iCloud account.

All records, documentation, field notes, and photographs related to the process and findings of these investigations are to be held at the Thornbury offices of CRM Lab Archaeological Services until such time that they can be transferred to an agency or institution approved by the Ministry of Citizenship and Multiculturalism (MCM) on behalf of the government and citizens of Ontario.

4.1 Soil Stratigraphy - Lots

A total of five (5) Lots were encountered, with two natural subsoils, two 20th century landscaping and grading fills, and one type of forest floor topsoil; **Table 3** below lists the stratigraphy in the areas of excavation. The depths of the various lots were generally consistent with only minor variations across the areas of excavation.

TABLE 2: Stage 2 Assessment - Stratigraphy

Lot #	Description & Interpretation
Lot 1	Sod & Topsoil Landscaping Fill: <ul style="list-style-type: none"> - medium dark brown sandy loam with some pea gravel - <i>very hard</i> compaction - 23-31cm average thickness - Present in all test pits except in forested areas; appears in the open areas only - Overlies Lot 2 in all test pits where Lot 1 is present - <i>No artifacts, only mid to late 20th c. objects</i>
Lot 2	Displaced 20 th Century Fill: <ul style="list-style-type: none"> - reddish brown medium grey-brown sandy clayish loam fill with some pea gravel - hard & dense compaction - 8-11cm average thickness - Present in all test pits except in forested areas; appears in the open areas only - Overlies Lot 3 subsoil in all test pits where Lot 2 is present - Underlies Lot 1 where Lot 2 is present - this is a levelling & grading fill related to such events within the open areas of the residential community; like to accommodate the placement of the trailers & associated temporary structures - <i>No artifacts, only mid to late 20th c. objects in the upper reaches of this lot</i>
Lot 3	Sterile Subsoil Type 1: <ul style="list-style-type: none"> - Sandy medium to grey-brown granular sand with riverine gravicular inclusions - medium to hard compaction - Excavated up to 50cm to confirm interpretation initially; once confirmed as sterile subsoil excavated to an average of 10cm - Present in all test pits except in forested areas; appears in the open areas only - Underlies Lot 2 where Lot 2 is present - <i>No artifacts, no 20th c. objects</i>

Chipwoods Park
LIMITED Stage 1 & Stage 2 Archaeological Assessment
Township of Melancthon, Ontario

Lot #	Description & Interpretation
Lot 4	Natural Forest Floor Topsoil: - dark grey brown sandy loam - medium to loose compaction - 10-14cm average thickness - Present in all test pits in forested areas; not present in open areas - Overlies Lot 5 in all test pits where Lot 4 is present - <i>No artifacts, only intermittent mid to late 20th c. objects in upper 4-6cm of Lot</i>
Lot 5	Sterile Subsoil Type 2: - reddish orange sandy gravel with some silt - medium to loose compaction - Excavated up to 15cm to confirm interpretation; once confirmed as sterile subsoil excavated to an average of 5-10cm - Present in all test pits in forested areas; not present in open areas - Underlies Lot 4 where Lot 4 is present - <i>No artifacts, no 20th c. objects</i>

Test pits in the open, and previously graded areas of the land were consistently Lots 1-2-3. The previous surface appears to have been graded out/removed and Lot 2 brought in to replace it, perhaps as a more robust underlaying for the residential community, or perhaps the previous surface was removed to be sold as “good topsoil” with Lot 1 placed on the surface as a landscaping layer afterwards. This determination was made given the vastly differing qualities of the presumably *undisturbed* forest floor (Lot 4) and Lot 2 which itself did not feature either the qualities of Lot 4, nor a reasonable facsimile of a former ploughzone; note that the subject property is located in a largely agricultural area, and is surrounded by farms.

Furthermore, Lot 3 subsoil exhibited a complete lack of transition between it and Lot 2 above, illustrative of a grading event. By contrast, the test pits in all of forested areas were consistently Lots 4-5, with a more natural appearing boundary between the two lots indicating a longterm and naturally occurring relationship between the two lots. No buried “A” Horizon, and no discrete pre-20th century nor Indigenous occupation lots were observed.

4.2 Artifacts

No artifacts from any context related to either a previous Indigenous or Euro-Canadian occupation were recovered during the current Stage 2 field assessment, indicating no direct occupation within the assessed area prior to the 20th century in this location.

5.0 INDIGENOUS ENGAGEMENT & CONSULTATION

First Nations were not invited by the proponent to participate in this assessment.

6.0 ANALYSIS & CONCLUSIONS

The project area consisting of part of the property at Chipwoods Park in the Township of Melancthon, and historically part of Lot 8, Concession 3, Township of Melancthon, Dufferin County has been subject to a Stage 1-2 Archaeological Assessment.

The current assessment has been conducted in order to fulfill the requirements of the Township of Melancthon's Planning Department as part of a development condition prior to granting approval for the proposed residential community and property redevelopment under the Planning Act.

Stage 1 historic research was conducted in April of 2024, and Stage 2 fieldwork was carried out from July 29 to December 11th, 2024. The field assessment layout and strategy were guided by the findings of the Stage 1 Background Study, by the existing site conditions, and by the appropriate sections of the 2011 S&G.

The potential for cultural occupation had been identified by the documentary and cartographic research. Potential for Indigenous archaeological resources in any undisturbed areas of the property was considered to be high on this property given its proximity to the existing and mapped primary water sources. Potential for Euro-Canadian archaeological resources in any undisturbed areas of the property was considered to be low on this property given its lack of historical targets.

Analysis of 20th century mapping, in addition to current property conditions indicated limited disturbances in the form of infrastructure and permanent structures associated with the residential community, and the creation of the pond; otherwise, the property remains undisturbed.

No sites previously registered with the Ministry's Archaeological Database lie directly adjacent to the Study Area. There are three previously registered Sites in the Archaeological Database of the Ontario MCM within 2km of the Study Area.

No artifacts, or any archaeological resources from any context related to either a previous Indigenous or Euro-Canadian occupation were recovered during the current Stage 2 field assessment, indicating no direct occupation within the assessed area prior to the 20th century in this location.

Stage 2 test pit survey of the accessible portions of the project area within the subject property yielded no artifacts from any of context. A total of five (5) Lots were encountered, with two natural subsoils, two 20th century landscaping and grading fills, and one type of forest floor topsoil. The stratigraphy in the areas subject to test pit survey was generally consistent across the various areas. The portions of the subject property subject to Stage 2 fieldwork have been determined to be mainly disturbed by large scale soil grading, presumably to accommodate the original residential community, by the installation of the existing water and hydro utilities, the construction of the road infrastructure and the permanent structures associated with the residential community and the formation of the pond.

The results of the current Stage 1-2 Archaeological Assessment indicate that the project area does not contain archaeological resources of cultural heritage value or interest (CHVI).

HOWEVER, further Stage 2 Assessment will be required for the remaining areas of the property outside the current project area should ANY future below grade work be planned, as the remainder of the property has not been assessed by Stage 2 fieldwork under the current PIF, and still retains archaeological potential, as well as potential CHVI.

7.0 RECOMMENDATIONS

Given the results of the current LIMITED Stage 1-2 Archaeological Assessment and the findings of no archaeological resources of cultural heritage value or interest (CHVI) in the PROJECT AREA, the following recommendations have been made:

1. The Project Area consisting of part of the property at: *Chipwoods Park* in the Township of Melancthon, and historically part of Lot 8 Concession 3, Township of Melancthon, Dufferin County *does not contain any archaeological resources of cultural heritage value or interest. No further archaeological assessment is required for this portion of the subject property.*
2. Additional Stage 2 Archaeological Assessment will be required for the remaining areas of the subject property *outside* the current project area should future below grade work be planned, under a separate PIF, as these areas remain unassessed and as such *retain their archaeological potential for the discovery of archaeological resources of cultural heritage value or interest. Further archaeological assessment is required as per Figure A6:*
 - a. No below grade impacts may occur in any of these areas of the Subject Property outside the areas assessed during the current Stage 2 Assessment. This includes the following:
 - i. Any soil displacement.
 - ii. Any soil removal.
 - iii. Any stockpiling of materials.
 - iv. Any storage of equipment.
 - v. Any other construction activities of any kind.
3. All archaeological excavation activities will be conducted by a qualified archaeologist as licensed by the current Ministry of Citizenship and Multiculturalism.

7.1 Advice on Compliance with Legislation

The Ontario Ministry of Citizenship and Multiculturalism requires that the following statements be included in every archaeological report (Standards & Guidelines for Consultant Archaeologists 2010:73):

1. This report has submitted to the Minister of Citizenship and Multiculturalism (MCM) as a condition of licensing in accordance with Part VI of the *Ontario Heritage Act*, R.S.O. 1990, c 0.18. The report is to be reviewed to ensure that it complies with the standards and guidelines that are issued by the Minister, and that the archaeological fieldwork and report recommendations ensure the conservation, protection and preservation of the cultural

heritage of Ontario. When all matters relating to archaeological sites within the project area of a development proposal have been addressed to the satisfaction of the Ministry of Citizenship and Multiculturalism, a letter will be issued by the Ministry stating that there are no further concerns with regard to alterations to archaeological sites by the proposed redevelopment.

2. It is an offence under Sections 48 & 69 of the *Ontario Heritage Act* for any party other than a licensed archaeologist to make any alteration to a known archaeological site or to remove any artifact or other physical evidence of past human use or activity from the site, until such time as a licensed archaeologist has completed archaeological fieldwork on the site, submitted a report to the Minister stating that the site has no further cultural heritage value or interest, and the report has been filed in the Ontario Public Register of Archaeological Reports referred to in Section 65.1 of the *Ontario Heritage Act*.
3. Should previously undocumented archaeological resources be discovered, they may represent a new archaeological site and therefore subject to Section 48 (1) of the *Ontario Heritage Act*. The proponent or person discovering the archaeological resources must cease alteration of the site immediately and engage a licensed consultant archaeologist to carryout archaeological fieldwork, in compliance with Section 48 (1) of the *Ontario Heritage Act*.
4. *The Cemeteries Act*, R.S.O. 1990 c.C.4 and *the Funeral, Burial and Cremation Services Act*, 2002, S.O. 2002, c.33 (when proclaimed in force) require that any person discovering human remains must notify the police or coroner and the Registrar of cemeteries, Ministry of Small Business and Consumer Services.
5. Archaeological sites recommended for further archaeological fieldwork or protection remain subject to Section 48 (1) of the *Ontario Heritage Act*, and may not be altered, or have artifacts removed, except by a person holding an archaeological license.

Notwithstanding the results and recommendations presented in this study, CRM Lab Archaeological Services Inc. notes that no archaeological assessment can necessarily predict, account for, or identify every form of isolated or deeply buried archaeological deposit. In the event that archaeological remains are found during subsequent construction activities, the consultant archaeologist, approval authority, and the Cultural Programs Unit of the Ministry of Citizenship and Multiculturalism (MCM) should immediately be notified.

8.0

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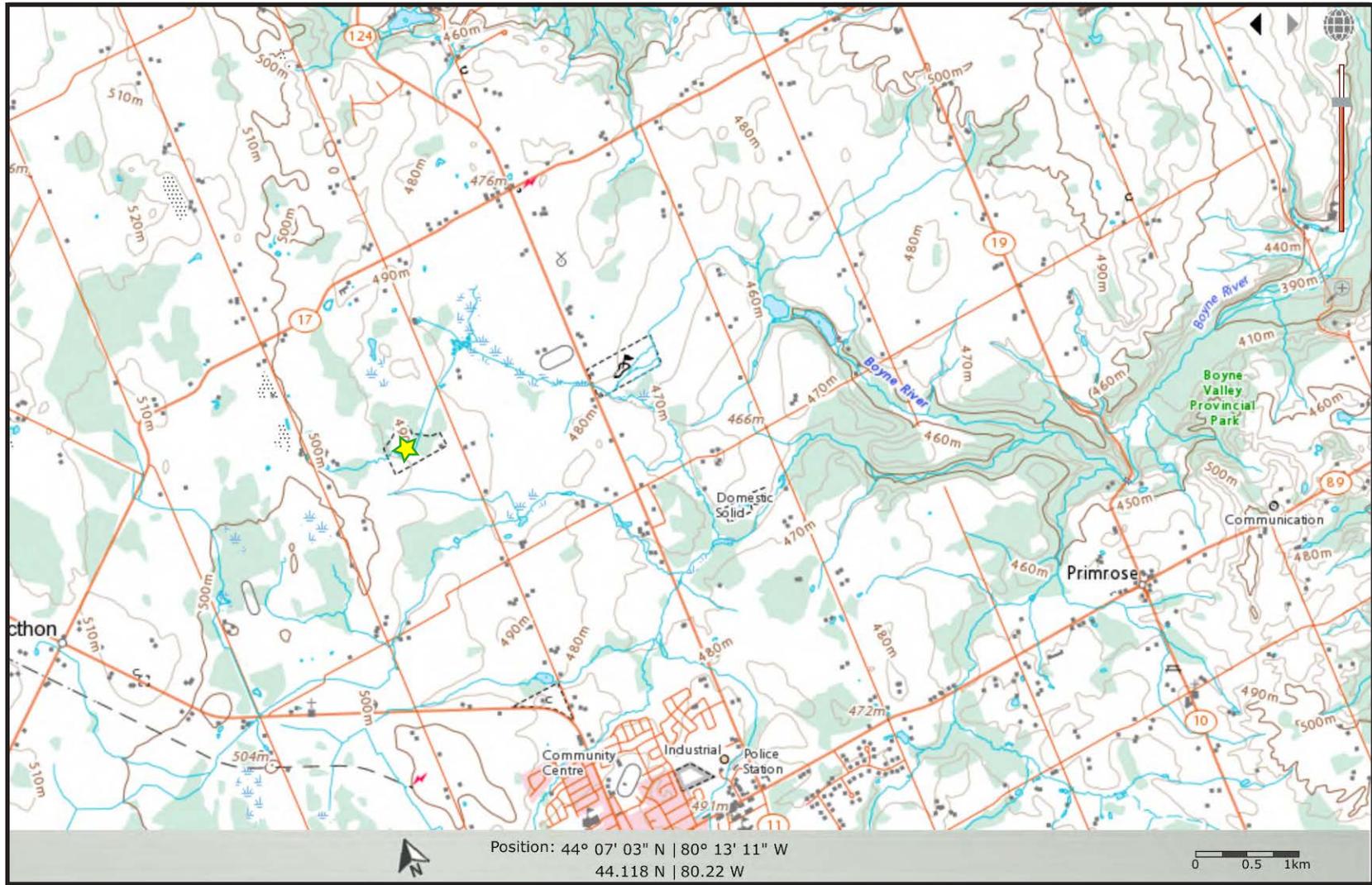
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APPENDIX A:

MAPS

Site Maps

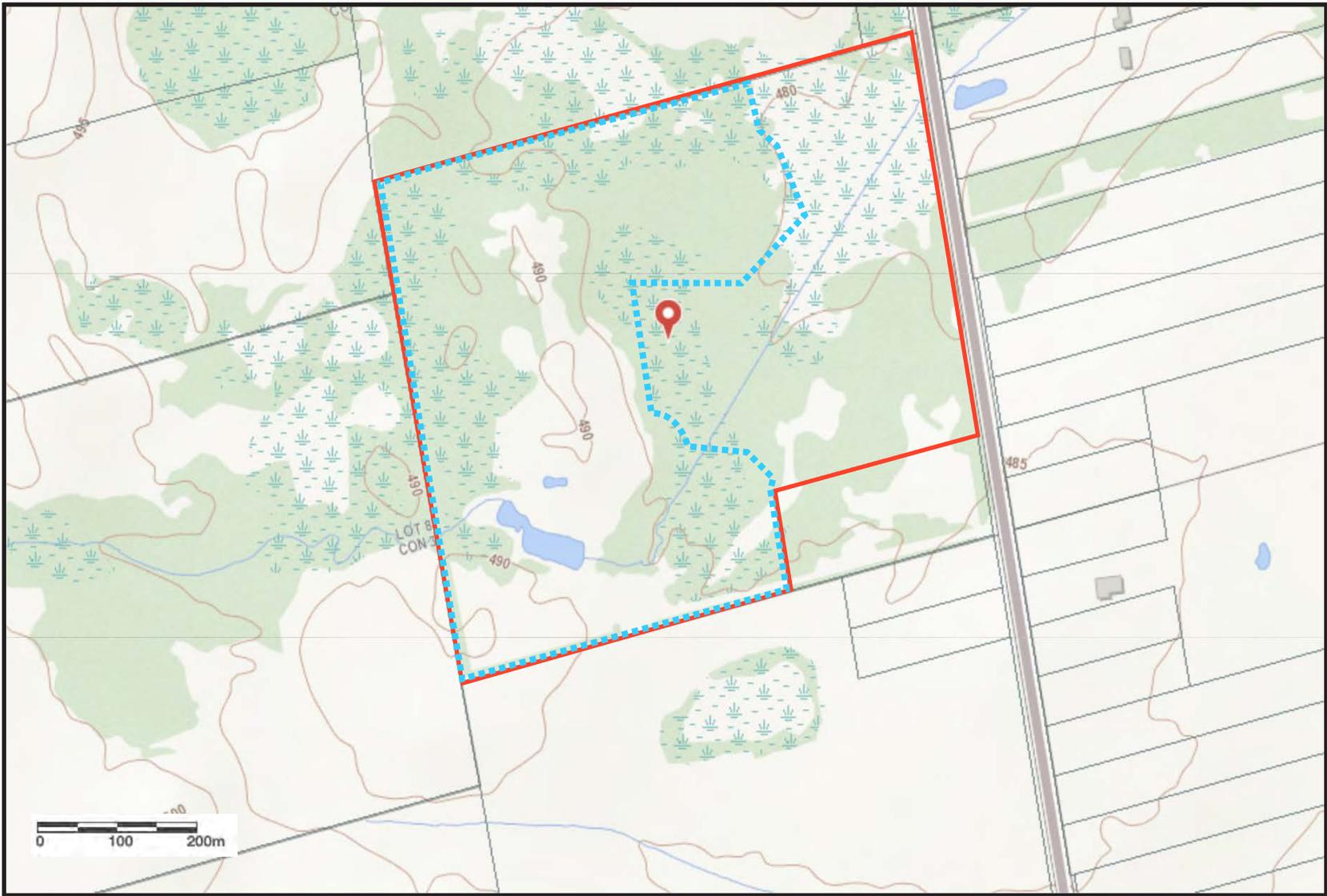


1:30,000 NTS 1:30,000 41A01 - Dundalk

★ Project Area Location



Chipwoods Park
2024 LIMITED Stage 1-2 Archaeological Assessment
Melancthon Township, Ontario
Figure A1: Location of the Project Area



1:30,000 NTS 1:30,000 41A01 - Dundalk

- Subject Property Boundaries
- - - Project Area Boundaries

Chipwoods Park
 2024 LIMITED Stage 1-2 Archaeological Assessment
 Melancthon Township, Ontario
Figure A2: Detailed Location of Project Area



**TOPOGRAPHIC PLAN OF
PART OF LOT 8
CONCESSION 3 OLD SURVEY
TOWNSHIP OF MELANCTHON
COUNTY OF DUFFERIN**

SCALE 1 : 1500
VAN HARTEN SURVEYING INC.

THE INTENDED PLOT SIZE OF THIS PLAN IS 915mm IN
WIDTH BY 610mm IN HEIGHT WHEN PLOTTED AT A
SCALE OF 1:1500

- LEGEND:**
- SURVEY MONUMENT SET
 - SURVEY MONUMENT FOUND
 - SIB .025 X .025 X 1.20 STANDARD IRON BAR
 - IB .015 X .015 X 0.60 IRON BAR
 - SSB .025 X .025 X 0.60 SHORT STANDARD IRON BAR
 - WIT WITNESS
 - OU ORIGIN UNKNOWN
 - VH VAN HARTEN SURVEYING INC., O.L.S.'S
 - N, E, S, W NORTH, EAST, SOUTH, WEST
 - P1 PLAN 78-3304
 - P2 PLAN 78-3971
 - P3 PLAN 78-6754
 - P4 PLAN 78-6299
 - P5 PLAN 78-3426
 - P6 PLAN 78-2732
 - 769 LLOYD THOMPSON, O.L.S.
 - 1211 P.J. WILLIAMS, O.L.S.
 - 1253 D.J. CULLEN, O.L.S.
 - 1575 R. FINNE, O.L.S.

DESCRIPTION OF PROPERTY:

THIS SKETCH WAS PREPARED FOR SHELDON CREEK DEVELOPMENT INC.
ADDRESS: 47640 3RD LINE
ALL OF PIN 34137-0041
EAST HALF OF LOT 8, CONCESSION 3 OLD SURVEY
SAVE & EXCEPT PARTS 1, 2, 3 & 4, 7R-3304 AND PARTS 1, 2, 3, 7R-3971,
TOGETHER WITH EASEMENTS AS IN INSTRUMENT No. MF214174 OVER PART 3,
7R-3304 AND PART 2, 7R-3971,
TOWNSHIP OF MELANCTHON
COUNTY OF DUFFERIN
AREA = 37.411 Ha.

NOTES:

1. BEARINGS ARE GRID BEARINGS AND ARE DERIVED FROM GNSS OBSERVATIONS AND ARE REFERRED TO THE UTM PROJECTION, ZONE 17, NAD 83 CSRS (2011) ADJUSTMENT.
2. DISTANCES SHOWN ON THE PLAN ARE ADJUSTED GROUND DISTANCES AND CAN BE CONVERTED TO UTM GRID DISTANCES BY MULTIPLYING BY AN AVERAGED COMBINED SCALE FACTOR OF 0.999577.
3. THE ORIGINAL VERSION OF THIS PLAN WAS PREPARED IN COLOUR.
4. THE FIELD WORK FOR THIS SURVEY WAS COMPLETED ON APRIL 22, 2024.

BEARING COMPARISONS:

FOR THE PURPOSES OF BEARING COMPARISONS, PREVIOUS SURVEYS HAVE BEEN ROTATED TO UTM BEARINGS BY THE ANGLES SHOWN BELOW.

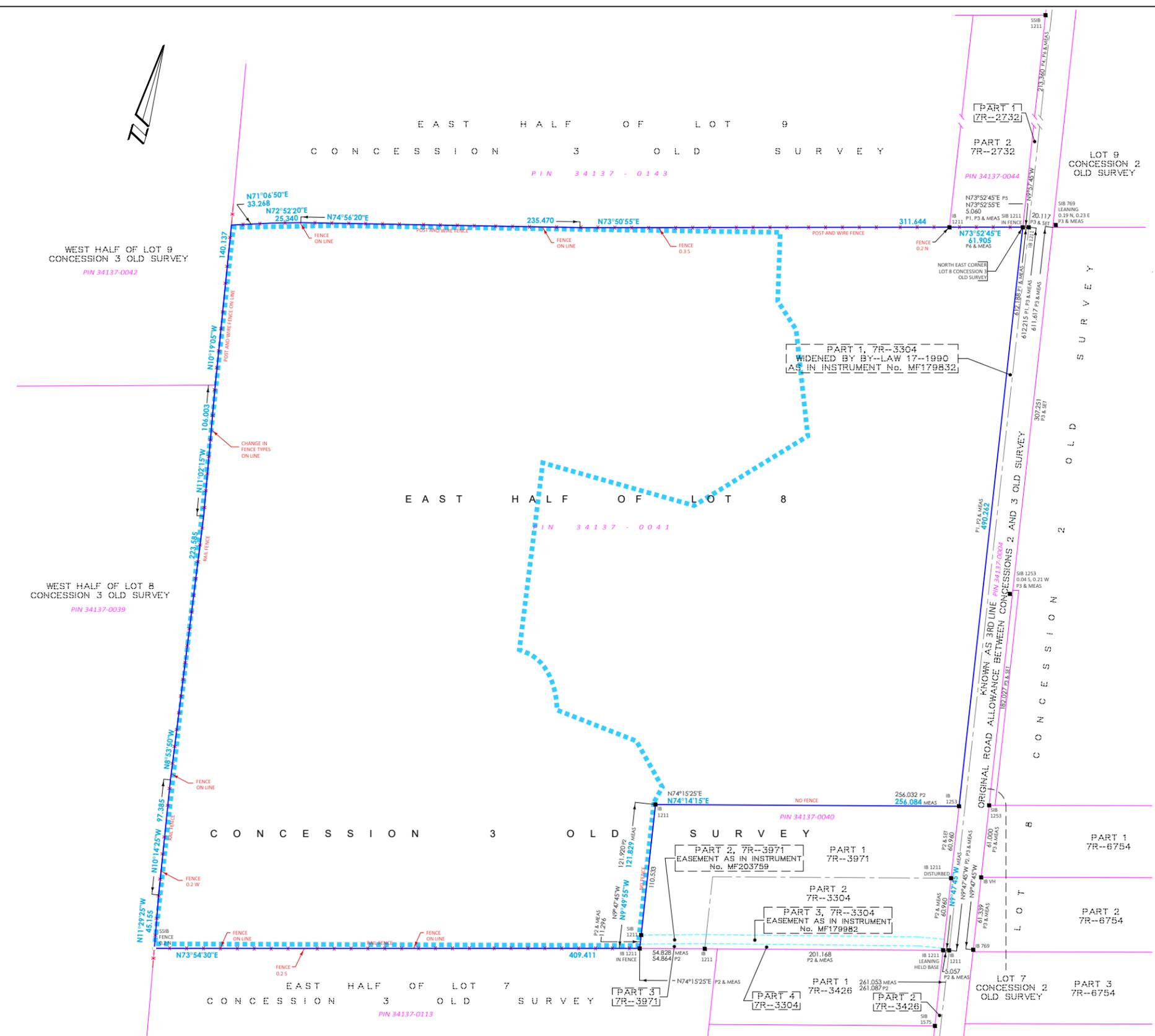
PLAN	ROTATION FOR NORTHEAST BEARINGS
P2, P5	-0°31'35"
P6	-1°31'45"

METRIC:

DISTANCES ON THIS PLAN ARE MEASURED IN METRES AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048.



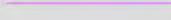
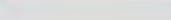
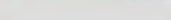
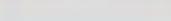
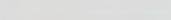
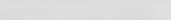
Kitchener/Waterloo Ph: 519-742-8371	Guelph Ph: 519-821-2763	Orangeville Ph: 519-940-4110
www.vanharten.com		info@vanharten.com
DRAWN BY: TH	CHECKED BY: JML	PROJECT No: 33316-24
Fig: 22-2024-3-25-19 TM		
G:\MELANCTHON\CON 3 OS\ACAD\TOPO\LTB.CHP\WOODS CAMPGROUND (13316-24) UTM 2010.dwg		
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Subject Property Boundaries
 Project Area Boundaries

Chipwoods Park
2024 LIMITED Stage 1-2 Archaeological Assessment
Melancthon Township, Ontario
Figure A3: Survey Plan of Project Area

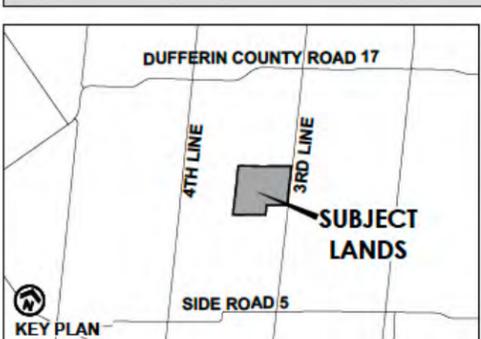
LEGEND

-  EXISTING WATERCOURSE
-  EXISTING WATER FEATURE (AZIMUTH)
-  ESTIMATED EX. REGIONAL FLOOD LINE (NVCA)
-  EX. REGIONAL FLOOD LINE BUFFER (6m)
-  WETLAND CONSTRAINT (AZIMUTH AUG)
-  WETLAND CONSTRAINT BUFFER (1.5m)
-  EXISTING DEVELOPED AREA
-  PERMANENT WATERCOURSE/DIRECT FISH HABITAT
-  WATERCOURSE/DIRECT FISH HABITAT BUFFER
-  DRAINAGE FEATURE/INDIRECT FISH HABITAT

SITE STATISTICS - PROPOSED

	TOTAL SITE AREA (GROSS):	37.38ha (92.37ac)
	NET SITE AREA*:	11.42ha (28.22ac) (30.5%)
	RESIDENTIAL AREA:	6.31ha (15.59ac)
	ROADS / SIDEWALKS:	2.06ha (5.09ac)
	AMENITY REC. AREAS / PARKETTES:	0.74ha (1.83ac)
	LANDSCAPE OPEN SPACE:	0.82ha (2.03ac)
	ADVANCED TREATMENT SYSTEM BLOCK:	0.11ha (0.27ac)
	SWM BLOCKS:	1.38ha (3.41ac)
	NATURAL HERITAGE SYSTEM:	25.96ha (64.15ac) (69.5%)

*NOTE: NET SITE AREA EXCLUDES NATURAL HERITAGE SYSTEM AREAS



EXISTING AGRICULTURAL

EXISTING AGRICULTURAL



3RD LINE

**DEVELOPMENT CONCEPT PLAN
CHIPWOODS**

476420 3RD LINE, PART OF LOT 8, CONCESSION 3, OLD SURVEY,
TOWNSHIP OF MELANCTHON, COUNTY OF DUFFERIN

ADDITIONAL SITE STATISTICS

UNIT COUNTS:	224 UNITS (9.14m x 27.5m)
AMENITY AREA / RECREATION AREA / PARKETTES:	7,387m ² (6.5% OF NET SITE AREA)
VISITOR PARKING PROVIDED:	43 SPACES (0.19 SPACES / UNIT)

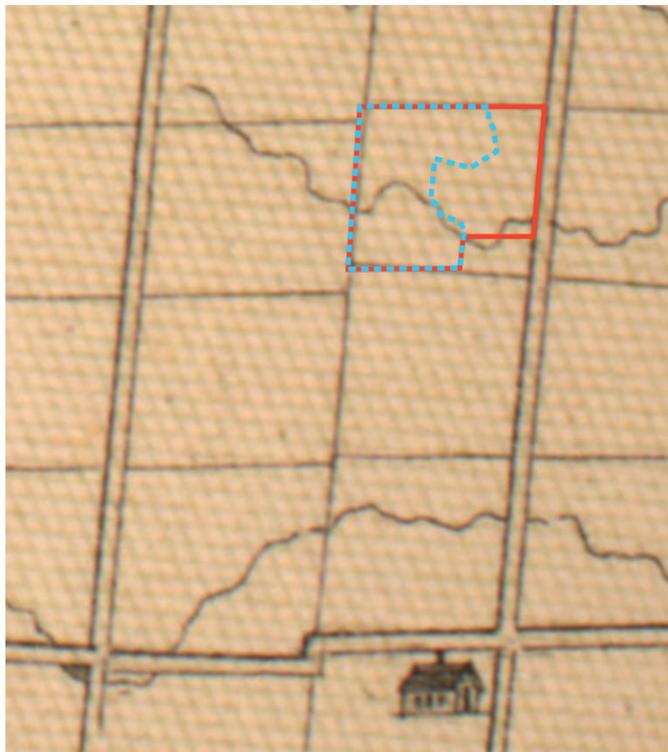


SCALE 1:3000
APRIL 22, 2025

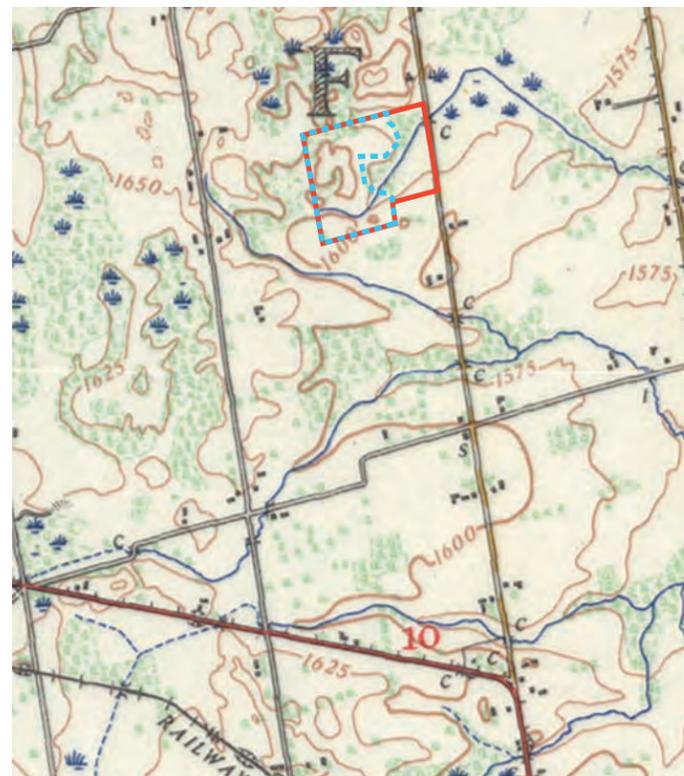


-  Subject Property Boundaries
-  Project Area Boundaries

Chipwoods Park
2024 LIMITED Stage 1-2 Archaeological Assessment
Melancthon Township, Ontario
Figure A4: Proposed Site Plan



1880



1941



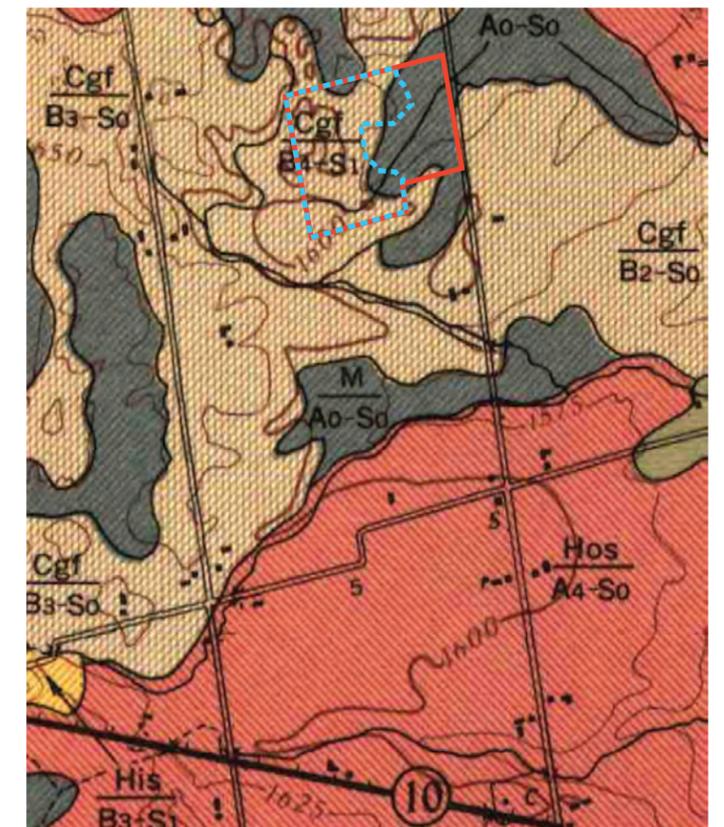
1954

NB: Mapping @ various scales & visual distortions in historic mapping & satellite imagery



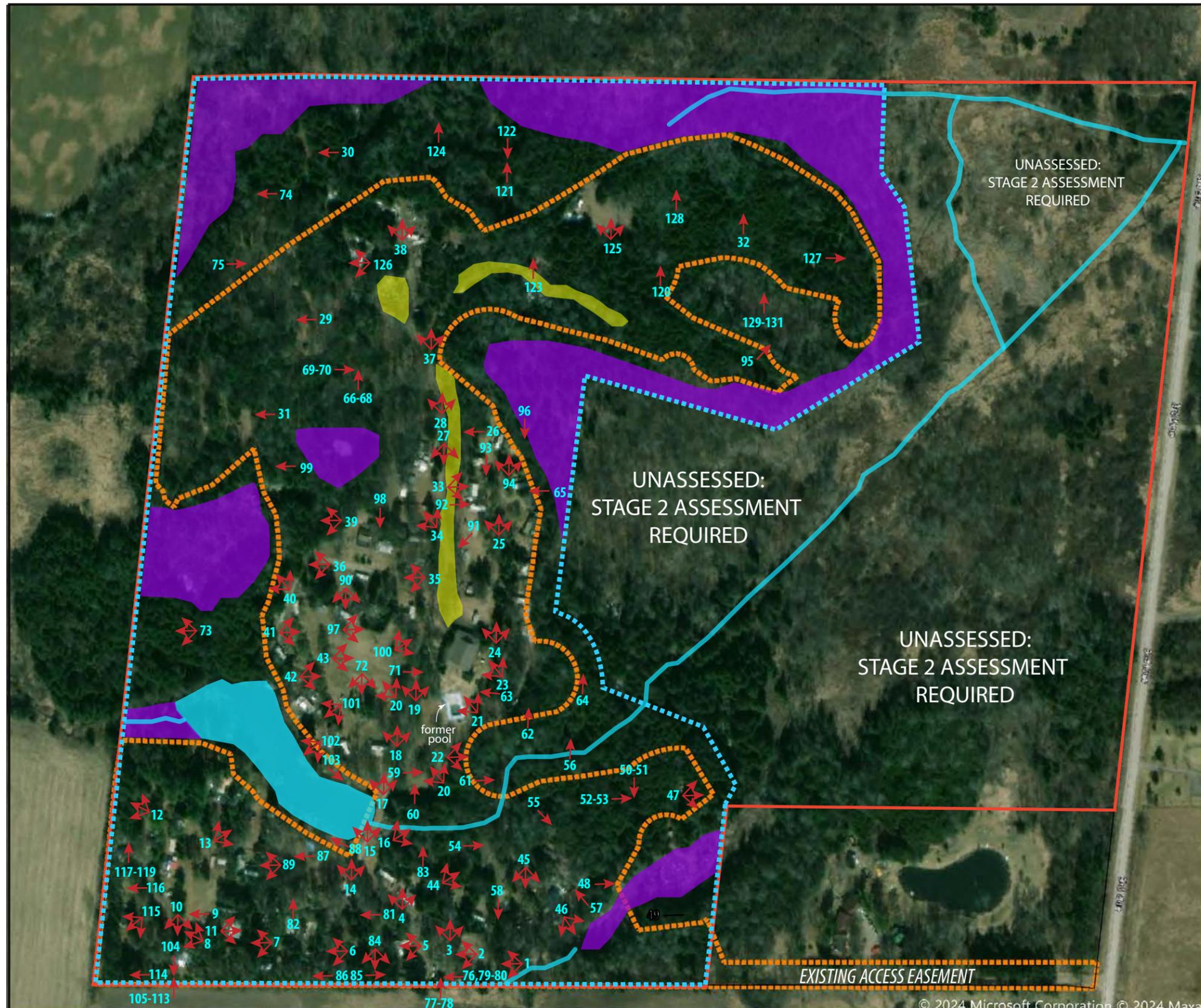
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— Subject Property Boundaries
- - - Project Area Boundaries



Soil Mapping

Chipwoods Park
2024 LIMITED Stage 1-2 Archaeological Assessment
Melancthon Township, Ontario
Figure A5: Location of the Project Area on the 19th & 20th Century Mapping



KEY

- Subject Property Boundaries: Remaining Intact Archaeological Potential **Further Stage 2 Archaeological Assessment Required *except as noted below***
- - - Project Area Boundaries: Subject to Stage 2 Test Pit Survey @5m intervals
NO Remaining Intact Archaeological Potential **NO Further Archaeological Assessment Required in Project Area**
- - - Limits of Construction Impacts
- Portions of Study Area NOT Subject to Stage 2 Test Pit Survey
NO CHVI/Archaeological Potential Due to Greater than 20 Degree Slope
- Portions of Study Area NOT Subject to Stage 2 Test Pit Survey
NO CHVI/Archaeological Potential Due to Waterbodies/Waterways
- Portions of Study Area NOT Subject to Stage 2 Test Pit Survey
NO CHVI/Archaeological Potential Due to Wetlands
- ↖ 7 Photograph Location & Direction

Chipwoods Park
 2024 LIMITED Stage 1-2 Archaeological Assessment
 Melancthon Township, Ontario
Figure A6: Archaeological Fieldwork Mapping

APPENDIX B:

IMAGES

Selected Site Photographs

Chipwoods Park
LIMITED Stage 1-2 Archaeological Assessment
Township of Melancthon, Ontario



Plate 1: Southern/Front Access Point Field Conditions; looking west



Plate 2: Southern/Front Access Field Conditions; looking north



Plate 3: Southern/Front Access Field Conditions; looking north

Chipwoods Park
LIMITED Stage 1-2 Archaeological Assessment
Township of Melancthon, Ontario



Plate 4: Southern/Front Access Field Conditions; looking north



Plate 5: Southern Field Conditions; looking west



Plate 6: Southern Field Conditions; looking west

Chipwoods Park
LIMITED Stage 1-2 Archaeological Assessment
Township of Melancthon, Ontario



Plate 7: Southern Field Conditions; looking west



Plate 8: Southern Field Conditions; looking northwest



Plate 9: Southern Field Conditions & Fieldwork in Progress; looking west

Chipwoods Park
LIMITED Stage 1-2 Archaeological Assessment
Township of Melancthon, Ontario



Plate 10: Southern Field Conditions; looking south



Plate 11: Southern Field Conditions; looking east



Plate 12: Southern Field Conditions; looking northwest

Chipwoods Park
LIMITED Stage 1-2 Archaeological Assessment
Township of Melancthon, Ontario



Plate 13: Southern Field Conditions; looking northeast



Plate 14: Southern Field Conditions; looking north



Plate 15: Southern Field Conditions at Pond; looking north

Chipwoods Park
LIMITED Stage 1-2 Archaeological Assessment
Township of Melancthon, Ontario



Plate 16: Southern Field Conditions; looking northeast



Plate 17: Central Area Field Conditions; looking north



Plate 18: Central Area Field Conditions; looking north

Chipwoods Park
LIMITED Stage 1-2 Archaeological Assessment
Township of Melancthon, Ontario



Plate 19: Central Area Field Conditions; looking north



Plate 20: Central Area Field Conditions; looking northwest



Plate 21: Central Area Field Conditions; looking northwest

Chipwoods Park
LIMITED Stage 1-2 Archaeological Assessment
Township of Melancthon, Ontario



Plate 22: Central Area Field Conditions towards woods; looking east



Plate 23: Central Area Field Conditions; looking northwest



Plate 24: Central Area Field Conditions; looking north

Chipwoods Park
LIMITED Stage 1-2 Archaeological Assessment
Township of Melancthon, Ontario



Plate 25: Central Area Field Conditions; looking north

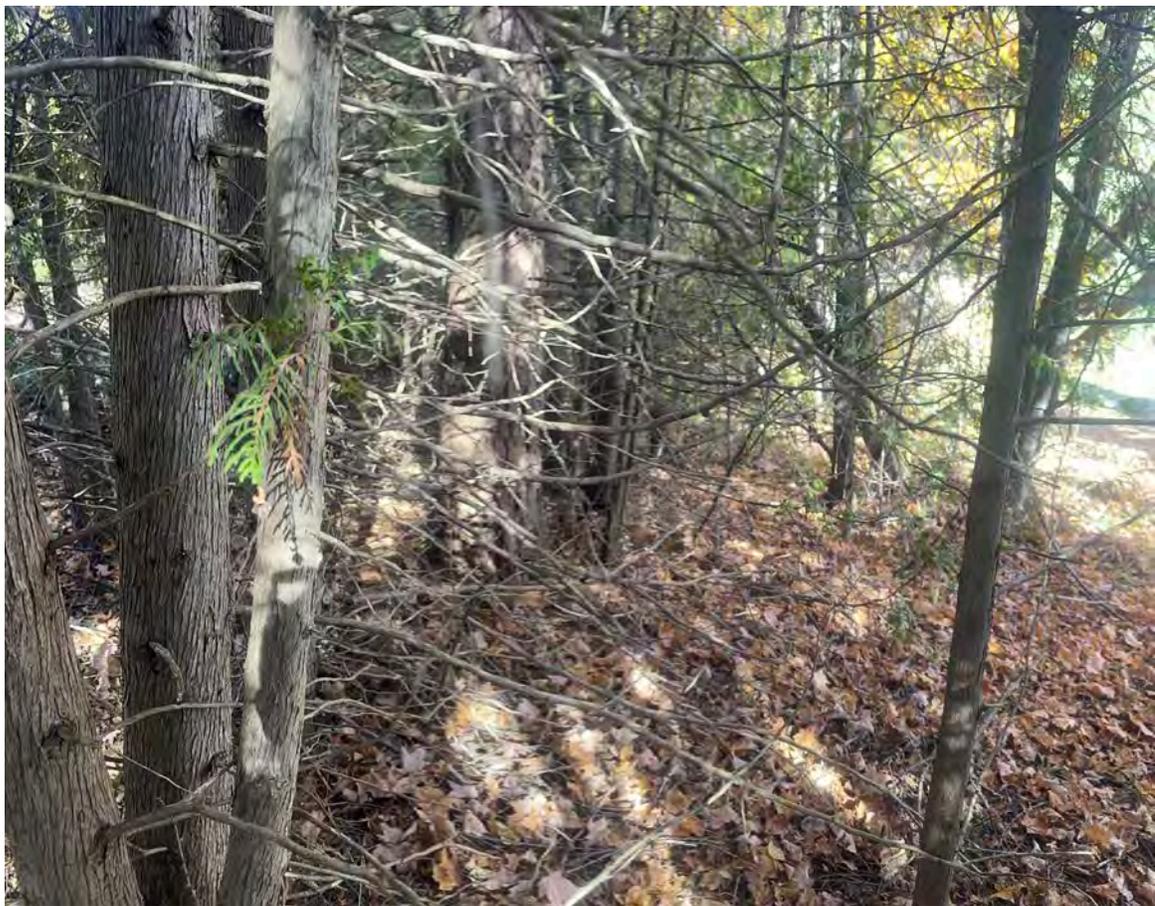


Plate 26: Example of Central Area Field Conditions *behind* trailers in forest; looking west

Chipwoods Park
LIMITED Stage 1-2 Archaeological Assessment
Township of Melancthon, Ontario



Plate 27: Northern end of Central Area Field Conditions; looking south



Plate 28: Northern end of Central Area Field Conditions; looking north



Plate 29: Northern Area Field Conditions; looking west

Chipwoods Park
LIMITED Stage 1-2 Archaeological Assessment
Township of Melancthon, Ontario



Plate 30: Far Northern Area Field Conditions in Bush; looking west



Plate 31: Northern Area Field Conditions in Bush; looking west



Plate 32: Far Northern Area Field Conditions in Bush at east end; looking north

Chipwoods Park
LIMITED Stage 1-2 Archaeological Assessment
Township of Melancthon, Ontario



Plate 33: North Central Area Field Conditions; looking east



Plate 34: North Central Area Field Conditions; looking northwest



Plate 35: North Central Area Field Conditions; looking west

Chipwoods Park
LIMITED Stage 1-2 Archaeological Assessment
Township of Melancthon, Ontario



Plate 36: North Central Area Field Conditions; looking west



Plate 37: North Central Area Field Conditions; looking north



Plate 38: North Central Area Field Conditions; looking north

Chipwoods Park
LIMITED Stage 1-2 Archaeological Assessment
Township of Melancthon, Ontario



Plate 39: West Central Area Field Conditions; looking west



Plate 40: West Central Area Field Conditions; looking northwest



Plate 41: West Central Area Field Conditions; looking east

Chipwoods Park
LIMITED Stage 1-2 Archaeological Assessment
Township of Melancthon, Ontario



Plate 42: West Central Area Field Conditions; looking east



Plate 43: West Central Area Field Conditions; looking east

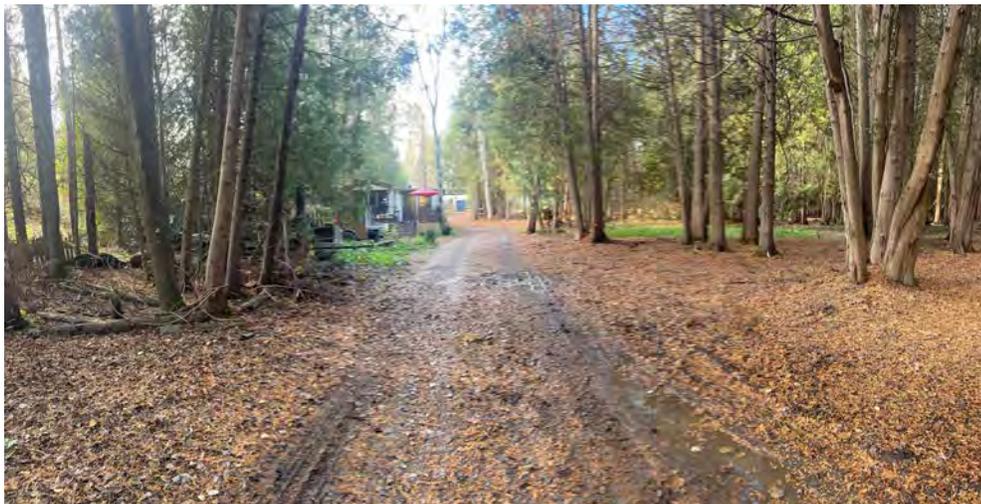


Plate 44: East Southern Area Field Conditions; looking northeast

Chipwoods Park
LIMITED Stage 1-2 Archaeological Assessment
Township of Melancthon, Ontario



Plate 45: East Southern Area Field Conditions; looking south



Plate 46: East Southern Area Field Conditions; looking southeast



Plate 47: East Southern Area Field Conditions & W.I.P.; looking east

Chipwoods Park
LIMITED Stage 1-2 Archaeological Assessment
Township of Melancthon, Ontario



Plates 48-49: East Southern Area Field Conditions with property boundary marker & W.I.P ; looking east



Plates 50-51: East Southern Area Sample Test Pit Planview – Lots 4-5; looking south



Plates 52-53: East Southern Area Sample Test Pit Profile – Lots 4-5; looking east

Chipwoods Park
LIMITED Stage 1-2 Archaeological Assessment
Township of Melancthon, Ontario



Plates 54-55: East Southern Area Field Conditions & W.I.P.; looking east & southeast



Plate 56: East Southern Area Field Conditions; looking north

Chipwoods Park
LIMITED Stage 1-2 Archaeological Assessment
Township of Melancthon, Ontario



Plate 57: East Southern Area Field Conditions; looking northeast



Plate 58: East Southern Area Field Conditions; looking south



Plate 59: East Central Area Field Conditions & W.I.P.; looking east

Chipwoods Park
LIMITED Stage 1-2 Archaeological Assessment
Township of Melancthon, Ontario



Plate 60: East Central Area Field Conditions; looking north



Plate 61: East Central Area Field Conditions & W.I.P.; looking east



Plate 62: East Central Area Field Conditions; looking north

Chipwoods Park
LIMITED Stage 1-2 Archaeological Assessment
Township of Melancthon, Ontario



Plates 63-64: North Central Area Field Conditions & W.I.P.; looking east & north



Plates 65-66: East Central Area & Northwest Field Conditions & W.I.P.; looking west & north



Plates 67-68: Northwest Area Sample Test Pit Planview – Lots 4-5; looking north

Chipwoods Park
LIMITED Stage 1-2 Archaeological Assessment
Township of Melancthon, Ontario



Plates 69-70: Northwest Area Sample Test Pit Profile – Lots 4-5; looking east



Plate 71: East Central Area Field Conditions & W.I.P.; looking east



Plate 72: West Central Area Field Conditions & W.I.P.; looking south

Chipwoods Park
LIMITED Stage 1-2 Archaeological Assessment
Township of Melancthon, Ontario



Plate 73: West Central Area Field Conditions; looking west



Plates 74-75: Northwest Area Field Conditions; looking west & east

Chipwoods Park
LIMITED Stage 1-2 Archaeological Assessment
Township of Melancthon, Ontario



Plates 76-77: Southwest Area Sample Test Pit Context & Planview – Lots 1-2-3; looking west & north



Plate 78: Southwest Area Sample Test Pit Planview Close-up – Lots 1-2-3; looking north



Plates 79-80: Southwest Area Sample Test Pit Profile– Lots 1-2-3; looking east

Chipwoods Park
LIMITED Stage 1-2 Archaeological Assessment
Township of Melancthon, Ontario



Plates 81-82: Southwest Area W.I.P. & Test Pit Location/Context; looking west & north



Plate 83: Southwest Area W.I.P. & Test Pit Location/Context; looking north



Plate 84: Southwest Area Field Conditions; looking south

Chipwoods Park
LIMITED Stage 1-2 Archaeological Assessment
Township of Melancthon, Ontario



Plates 85-86: Southwest Area W.I.P. & Test Pit Location/Context; looking east & west



Plates 87-88: Southwest Area W.I.P. & Test Pit Location/Context; looking west & northwest



Plate 89: Southwest Area W.I.P. & Test Pit Location/Context; looking west

Chipwoods Park
LIMITED Stage 1-2 Archaeological Assessment
Township of Melancthon, Ontario



Plate 90: West Central Area W.I.P. & Test Pit Location/Context; looking south



Plate 91: North Central Area Field Conditions with Hydro marked; looking southwest



Plates 92-93: Northeast Area W.I.P. & Test Pit Location/Context; looking east & south

Chipwoods Park
LIMITED Stage 1-2 Archaeological Assessment
Township of Melancthon, Ontario



Plate 94: North Central Area Field Conditions; looking north



Plate 95: Northeast Area Field Conditions in Bush; looking northeast



Plate 96: Northeast Area Field Conditions in Bush; looking south

Chipwoods Park
LIMITED Stage 1-2 Archaeological Assessment
Township of Melancthon, Ontario



Plate 97: West Central Area W.I.P. & Test Pit Location/Context; looking east



Plates 98-99: West Central Area W.I.P. & Test Pit Location/Context; looking south & west



Plate 100: West Central Area W.I.P. & Test Pit Location/Context; looking northeast

Chipwoods Park
LIMITED Stage 1-2 Archaeological Assessment
Township of Melancthon, Ontario



Plate 101: Southwest Central Area Field Conditions; looking southwest



Plate 102: Southwest Central Area Field Conditions; looking southwest



Plate 103: Southwest Central Area Field Conditions at pond; looking southeast

Chipwoods Park
LIMITED Stage 1-2 Archaeological Assessment
Township of Melancthon, Ontario



Plate 104: Southwest Area W.I.P. & Test Pit Location/Context; looking south



Plates 105-106: Southwest Area Sample Test Pit Planview Lots 1-2-3; looking north



Plates 107-109: Southwest Area Sample Test Pit Profile Lots 1-2-3; looking north

Chipwoods Park
LIMITED Stage 1-2 Archaeological Assessment
Township of Melancton, Ontario



Plates 110-113: Southwest Area Sample Test Pit Profile Lots 1-2-3; looking north

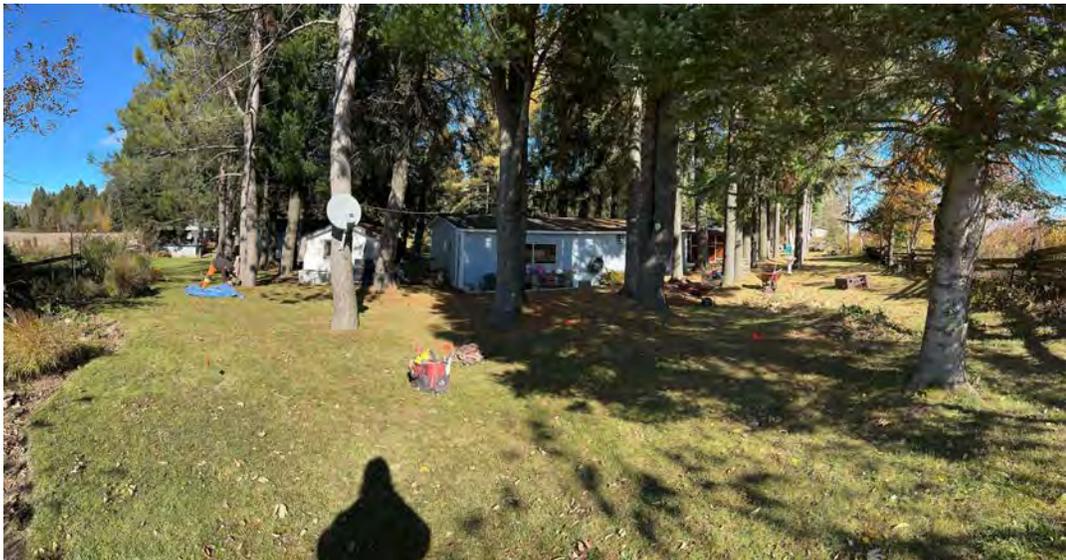


Plate 114: Southwest Area W.I.P. & Test Pit Location/Context; looking west



Plate 115: Southwest Area W.I.P. & Test Pit Location/Context; looking southwest

Chipwoods Park
LIMITED Stage 1-2 Archaeological Assessment
Township of Melancthon, Ontario



Plates 116-117: Southwest Area W.I.P. & Sample Test Pit Planview Lots 1-2-3; looking west & north



Plates 118-119: Southwest Area Sample Test Pit Profile Lots 1-2-3; looking north



Plate 120: Northeast Area W.I.P. & Test Pit Location/Context; looking north

Chipwoods Park
LIMITED Stage 1-2 Archaeological Assessment
Township of Melancthon, Ontario



Plates 121-122: North Area Sample Test Pit Planview & Profile Lots 4-5; looking north & south



Plate 123: North Area W.I.P. & Test Pit Location/Context; looking north



Plate 124: North Area W.I.P. & Test Pit Location/Context; looking north

Chipwoods Park
LIMITED Stage 1-2 Archaeological Assessment
Township of Melancthon, Ontario



Plate 125: North Area W.I.P. & Test Pit Location/Context; looking north



Plate 126: North Area W.I.P. & Test Pit Location/Context; looking west



Plates 127-128: North Area W.I.P. & Test Pit Location/Context & bush conditions; looking east & north



Plate 129: North Area Sample Test Pit Planview Lots 4-5; looking north



Plates 130-131: North Area Sample Test Pit Profile Lots 4-5; looking north