

**STAGE 2 ARCHAEOLOGICAL ASSESSMENT OF
THE NORTHEAST CORNER OF FULLER STREET AND BOUCHER STREET EAST
PART OF LOT 16, CONCESSION 4,
GEOGRAPHIC TOWNSHIP OF ST. VINCENT, GREY COUNTY,
TOWN OF MEAFORD, REGIONAL MUNICIPALITY OF MEAFORD,
GREY COUNTY**

ORIGINAL REPORT

Prepared for:

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Archaeological Licence P449 (Robb Bhardwaj)
MHSTCI P449-0465-2020
ASI File: 20PL-290

25 November 2020



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EXECUTIVE SUMMARY

ASI was contracted by SkyDevco Inc. to undertake a Stage 2 Archaeological Assessment of the northeast corner of Fuller Street and Boucher Street East, Part of Lot 16, Concession 4, Geographic Township of St. Vincent, Grey County, Town of Meaford, Regional Municipality of Meaford, Grey County (Figure 1). The overall size of the subject property is approximately 2.63 hectares.

The previous Stage 1 assessment, completed by ASI in September 2020, entailed consideration of the proximity of previously registered archaeological sites and the original environmental setting of the property, along with nineteenth- and twentieth-century settlement trends. Based on this research, it was determined that the subject property warranted a Stage 2 Archaeological Assessment.

The Stage 2 assessment was conducted on October 28 and 29, 2020 and consisted of a test pit survey initiated at five-metre intervals that increased to intervals of 10 metres when disturbance was observed. Despite careful scrutiny, no archaeological resources were encountered during the course of the survey.

It is recommended that no further archaeological assessment of the subject property be required.



PROJECT PERSONNEL

<i>Senior Project Manager:</i>	Beverly Garner, Hons. BA Senior Archaeologist Manager, Planning Assessment Division
<i>Project Manager:</i>	Robb Bhardwaj, MA (P449) Associate Archaeologist Field Director, Planning Assessment Division
<i>Project Director:</i>	Robb Bhardwaj
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1.0 PROJECT CONTEXT

ASI was contracted by SkyDevco Inc. to undertake a Stage 2 Archaeological Assessment of the northeast corner of Fuller Street and Boucher Street East, Part of Lot 16, Concession 4, Geographic Township of St. Vincent, Grey County, Town of Meaford, Regional Municipality of Meaford, Grey County (Figure 1). The overall size of the subject property is approximately 2.63 hectares (ha).

1.1 Development Context

This assessment was conducted under the senior project management of Ms. Beverly Garner, the project management and project direction of Mr. Robb Bhardwaj (P449), under Ministry of Heritage, Sport, Tourism, and Culture Industries (MHSTCI) PIF P449-0465-2020. All activities carried out during this assessment were completed as part of a Site Plan application for a mixed residential and commercial development, as required by Town of Meaford and the *Planning Act* (Ministry of Municipal Affairs and Housing [MMAH] 1990). All work was completed in accordance with the *Ontario Heritage Act* (Ministry of Culture [MCL] 1990, now administered by MHSTCI) and the *Standards and Guidelines for Consultant Archaeologists* (S & G) (Ministry of Tourism and Culture [MTC] 2011; now administered by MHSTCI).

Permission to carry out all activities necessary for the completion of the assessment was granted by the proponent on October 5, 2020.

ASI previously completed a Stage 1 Archaeological Assessment of the subject property under MHSTCI PIF# P398-0084-2020 (ASI 2020). A summary of the background information pertinent to this assessment has been excerpted from the Stage 1 report.

1.2 Historical Context

The previous Stage 1 report reviewed historical mapping sources to determine the potential for the property located at the northeast corner of Fuller Street and Boucher Street East, Part of Lot 16, Concession 4, Geographic Township of St. Vincent, Grey County, Town of Meaford, Regional Municipality of Meaford, Grey County. It is currently a vacant grassed parcel with a woodlot situated in the northern portion of the subject property.

1.2.1 Review of Nineteenth and Twentieth Century Historical Mapping

On the 1880 Illustrated Historical Atlas of Grey County (Belden 1880) (Figure 2), the subject property is depicted at the northeast corner of Fuller Street and Boucher Street East, fronting Georgian Bay. While the subject property is situated within the town schematic of Meaford, the town insert is unavailable and therefore, specific information regarding individual structures within the area is not provided. The subject property appears to be to the east of the Town of Meaford (Figure 2).

Twentieth century topographic mapping was also reviewed for the presence of potential historical features. Figure 3 illustrates the subject property on the Department of Militia and Defence 1947 Bruce topographic sheet. Land features such as waterways, wetlands, woodlots and elevation are clearly illustrated on this series of mapping. While there are no structures depicted within the subject property,



Georgian Bay is immediately to the east, and the property is remains located at the northeast corner of the intersection to Fuller Street and Boucher Street East (Figure 3).

1.2.1 Review of Twentieth-Century Aerial Imagery

A review of twentieth and twenty-first century aerial imagery was undertaken to illustrate past land use and/or disturbance on the subject property. In 1954, the subject property was situated within the Town of Meaford and adjacent to Georgian Bay (Figure 4). It is bounded to the north and east by a railway, to the west by Fuller Street, to the south by Boucher Street East. The majority of the subject property consists of an industrial complex with a small woodlot situated in the northwest portion of the subject property (HSCL 1954).

1.3 Archaeological Context

This section provides background research pertaining to previous archaeological fieldwork conducted within and in the vicinity of the subject property, its environmental characteristics (including drainage, soils or surficial geology, and topography, etc.), and current land use and field conditions.

1.3.1 Registered Archaeological Sites

No archaeological sites have been registered within the limits of the subject property and five archaeological sites have been registered within a one-km radius of its boundaries. Each site has been summarized below in Table 2.

Table 1: Registered Sites within a 1 km Radius of the Subject Property

Borden Number	Site Name	Time Period	Site Type	Researcher
BdHd-1	Gibbard	N/A	N/A	N/A
BdHd-3	Beamer	N/A	N/A	N/A
BdHd-19	Harbour Site	Indigenous, Middle Woodland	campsite	This Land Archaeology (2010)
BdHd-20	DB Site	Euro-Canadian	farmstead	This Land Archaeology (2010)
BdHd-21	N/A	Euro-Canadian	residential	Detritus Consulting Ltd. (2020)
BdHd-22	N/A	Euro-Canadian	residential	Detritus Consulting Ltd. (2020)

The closest of these sites is BdHd-3, which is approximately 355 metres south of the subject property.

1.3.2 Previous Archaeological Assessments

Aside from the previous Stage 1 Archaeological Assessment of this subject property, it was determined that no other archaeological assessments had been conducted within 50 metres of the property limits.



1.3.3 Physiography

The subject property is located within the Bighead Valley physiographic region, which contains the Bighead River, and fronts Georgian Bay at Meaford. The region is an indentation of the Niagara Escarpment; though the valley was largely formed in preglacial times, the valley is characterised by numerous drumlins formed by late glacial activity, and contains a section of the abandoned shoreline to Lake Algonquin approximately three km inland from the current shoreline of Georgian Bay (Chapman and Putnam 1984). The property is located in an area of well-drained sandy soils with coarse-grained glaciolacustrine deposits.

In general, the topography in the vicinity of the subject property is level. The subject property is located in the south Georgian Bay shoreline zone; the property is approximately 50 metres west of from the shore and is approximately 270 metres southeast of the mouth of Bighead River.

1.3.4 Existing Conditions

The subject property is approximately 2.63 ha in size within the Town of Meaford and is bounded by Fuller Street to the west and Boucher Street East to the south, a woodlot and Georgian Bay to the east, and a gravel laneway to the north (Figure 5). The majority of the subject property consists of a vacant lot, formerly an industrial complex, with a small woodlot and open area in the northwest portion of the subject property. The subject property is situated within a residential area of Meaford, with subdivisions located to the west and south of the subject property. In general, the topography in the vicinity of the subject property is level terrain.

2.0 FIELD METHODS

The Stage 1 field review resulted in the determination that parts of the property which had not been previously subject to extensive grading contained the potential for encountering archaeological resources (ASI 2020).

The Stage 2 field assessment was undertaken on October 28-29, 2020, in order to inventory, identify and describe any archaeological resources extant on the subject property prior to development. All fieldwork was conducted under the field direction of Dr. Poorya Kashani (P1133). The weather conditions and lighting were appropriate for the completion of fieldwork, permitting good visibility of the land features.

Photo locations and field observations have been compiled on project mapping (Plates 1-7; Figure 6). Photos documenting the field conditions during the Stage 2 fieldwork are presented in Section 8.0 of this report.

2.1 Areas of No Potential

The structural footprint of the former industrial complex comprises the southern portion of the subject property accounts for approximately 85% of the subject property area (Figure 6). According to the



S & G, Section 2.1, Standard 2(b), terrain exhibiting extensive or deep land alteration that has severely damaged the integrity of archaeological resources is considered to have low or no archaeological potential and no further survey is required.

2.2 Test Pit Survey

The remaining 15% of the subject property consists of a small open area and woodlot. In accordance with Section 2.1.2 of the S & G, the area in the northern portion of the subject property was assessed by means of a test pit survey. Test pits were hand excavated at least five cm into subsoil and all topsoil was screened through six mm mesh to facilitate artifact recovery. Test pits were examined for stratigraphy, cultural features and evidence of fill. All test pits were at least 30 cm in diameter and excavated within one metre of all structures or disturbances when possible. Upon completion, all test pits were backfilled.

The test pit survey was initiated at five-metre intervals and increased to intervals of ten metres when disturbance was encountered (Plates 1-3). The ground surface in the woodlot was littered with construction debris and modern garbage (Plates 4-5). No intact soil profiles were encountered during this assessment.

Disturbed soil profiles in the northwest area consisted of 1 m of dark brown (10YR 3/3) clay construction fill with gravel, asphalt, metal fragments and concrete over dark yellowish-brown sandy subsoil (Plate 6).

3.0 RECORD OF FINDS

Despite careful scrutiny, no archaeological resources were found during the course of the Stage 2 field assessment. Written field notes, annotated field maps, GPS logs and other archaeological data related to the subject property are located at ASI.

The documentation and materials related to this project will be curated by ASI until such a time that arrangements for their ultimate transfer to Her Majesty the Queen in right of Ontario, or other public institution, can be made to the satisfaction of the project owner(s), the Ontario Ministry of Heritage, Sport, Tourism, and Culture Industries, and any other legitimate interest groups.

4.0 ANALYSIS AND CONCLUSIONS

ASI was contracted by SkyDevco Inc. to undertake a Stage 2 Archaeological Assessment of the northeast corner of Fuller Street and Boucher Street East, Part of Lot 16, Concession 4, Geographic Township of St. Vincent, Grey County, Town of Meaford, Regional Municipality of Meaford, Grey County (Figure 1). The overall size of the subject property is approximately 2.63 ha.

The previous Stage 1 assessment, completed by ASI in 2020, determined the majority of the subject property had been significantly disturbed by the former use as a twentieth century industrial complex, while the area including a woodlot along the northern portion of the subject property retained archaeological potential.



The Stage 2 field assessment was conducted by means of test pit survey initiated at five-metre intervals and increased to intervals of ten metres where disturbance was encountered. No intact soil profiles were encountered during this assessment. Despite careful scrutiny, no archaeological resources were encountered during the course of the survey.

5.0 RECOMMENDATIONS

In light of these results, the following recommendations are made:

1. No further archaeological assessment of the property be required.

NOTWITHSTANDING the results and recommendations presented in this study, ASI notes that no archaeological assessment, no matter how thorough or carefully completed, 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 Heritage, Sport, Tourism, and Culture Industries should be immediately notified.

6.0 LEGISLATION COMPLIANCE ADVICE

ASI advises compliance with the following legislation:

- This report is submitted to the Minister of Heritage, Sport, Tourism, and Culture Industries as a condition of licensing in accordance with Part VI of the *Ontario Heritage Act, RSO 2005, c 0.18*. The report is reviewed to ensure that it complies with the standards and guidelines that are issued by the Minister, and that the archaeological field work and report recommendations ensure the conservation, preservation and protection 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 Tourism and Culture and Sport, a letter will be issued by the ministry stating that there are no further concerns with regards to alterations to archaeological sites by the proposed development.
- It is an offence under Sections 48 and 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 field work 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 Archaeology Reports referred to in Section 65.1 of the *Ontario Heritage Act*.
- Should previously undocumented archaeological resources be discovered, they may be 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 carry out archaeological fieldwork, in compliance with sec. 48 (1) of the Ontario Heritage Act.



- The *Funeral, Burial and Cremation Services Act, 2002, S.O. 2002, c.33*, requires that any person discovering or having knowledge of a burial site shall immediately notify the police or coroner. It is recommended that the Registrar of Cemeteries at the Ministry of Consumer Services is also immediately notified.
- Archaeological sites recommended for further archaeological field work or protection remain subject to Section 48(1) of the *Ontario Heritage Act* and may not be altered, nor may artifacts be removed from them, except by a person holding an archaeological license.



7.0 BIBLIOGRAPHY AND SOURCES

ASI (Archaeological Services Inc.)

- 2020 *Stage 1 Archaeological Assessment of the Northeast Corner of Fuller Street and Boucher Street East, Part of Lot 16, Concession 4, Town of Meaford, Regional Municipality of Meaford* [MTCS PIF P398-0084-2020] Report on File at MTCS, Toronto.

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- 2011 *Standards and Guidelines for Consultant Archaeologists*. Toronto: Cultural Programs Branch, Ontario Ministry of Heritage, Sport, Tourism and Culture Industries.

Ministry of Heritage, Sport, Tourism and Culture Industries (MHSTCI)

- 2020 Sites within a 1 Km Radius of the Project, Ontario Archaeological Sites Database.

Ministry of Indigenous Affairs

- 2020 *Map of Ontario Treaties and Reserves*. <https://www.ontario.ca/page/map-ontario-treaties-and-reserves#treaties>.

MMAH (Ministry of Municipal Affairs and Housing)

- 1990 *Planning Act*.

MNRF (Ministry of Natural Resources and Forestry).

- 2020 Ontario Flow Assessment Tool.
<https://www.gisapplication.lrc.gov.on.ca/OFAT/Index.html?site=OFAT&viewer=OFAT&locale=en-US>.





8.0 IMAGES



Plate 1: Field crew conducting test pit survey along eastern boundary of subject property.



Plate 2: Field crew conducting test pit survey along western boundary of subject property.



Plate 3: Field crew conducting test pit survey within an open area of the subject property.



Plate 4: Metal debris on surface of soil throughout northern woodlot.



Plate 5: Construction debris on surface of soil, within northern portion of subject property.

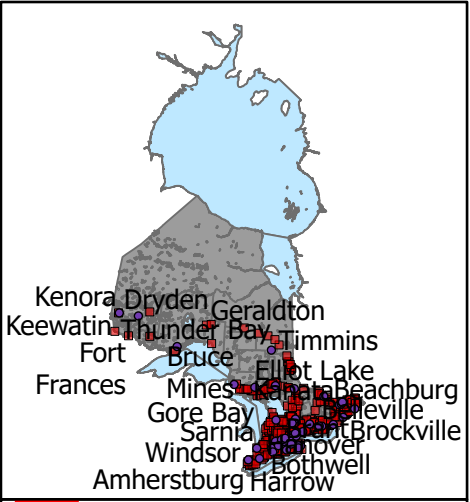


Plate 6: Typical disturbed test pit profiles in northern woodlot.

9.0 MAPPING

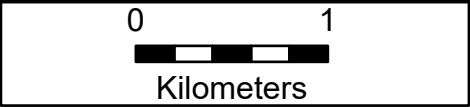
Please see following pages for detailed assessment mapping.





SUBJECT PROPERTY

Sources: Map data © OpenStreetMap contributors, Map layer by Esri
Projection: NAD 1983 MTM 10
Scale: 1:25,000
Page Size: 11 x 17



ASI Project No: 20PL-224
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File: Figure1

Figure 1: Location of Subject Property

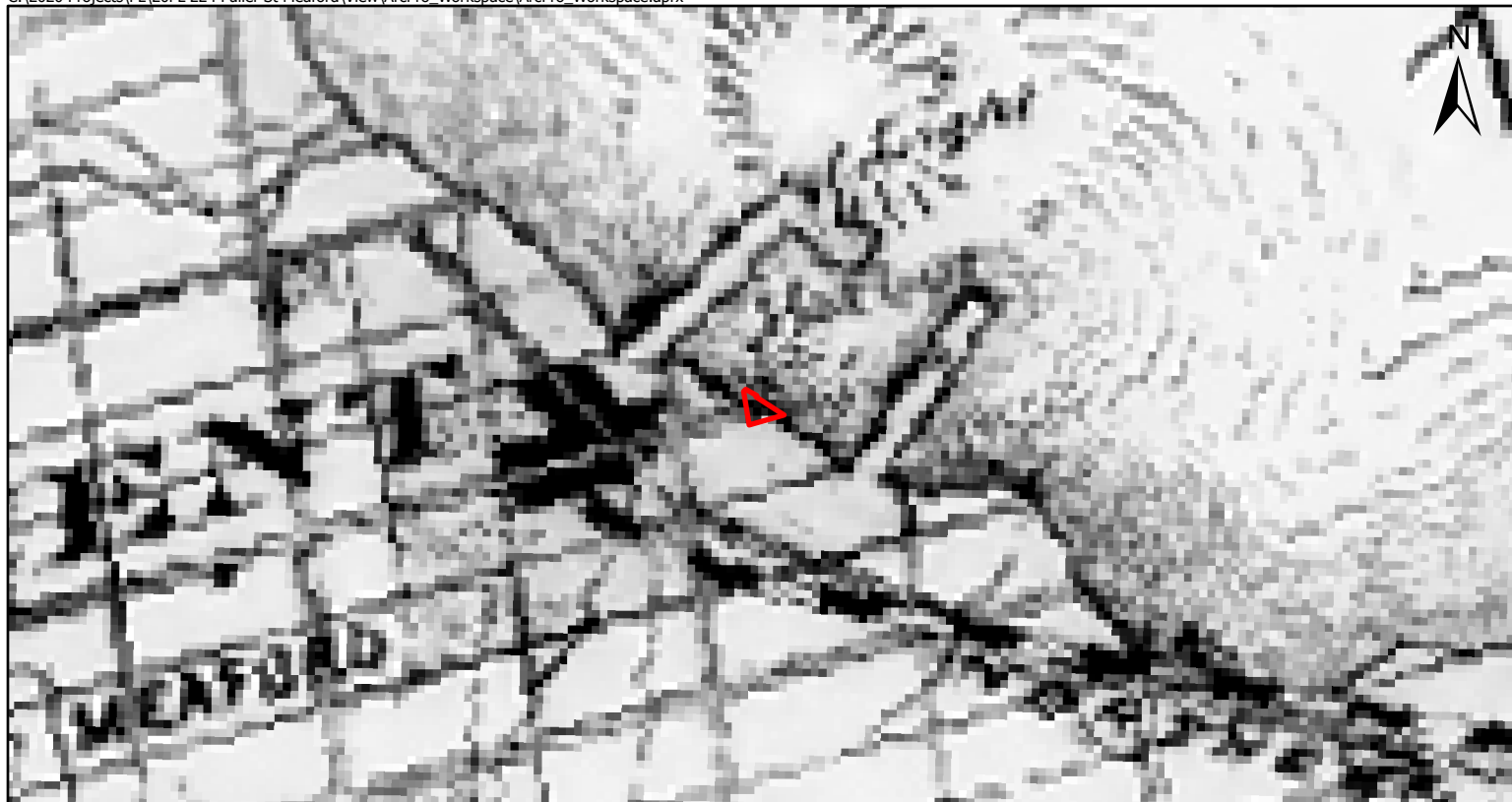


Figure 2: Subject Property located on 1880 Illustrated Historical Atlas of Grey County

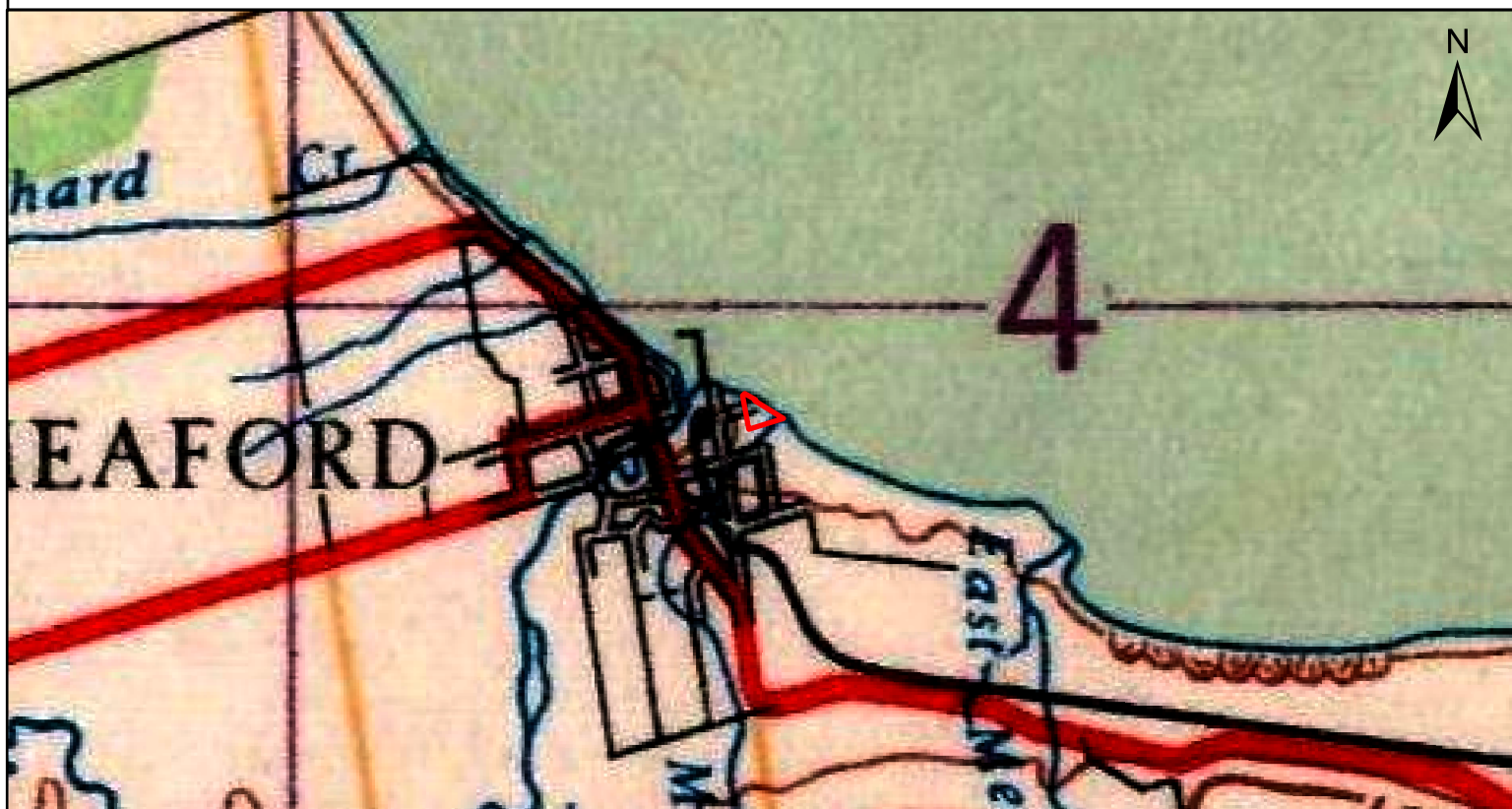


Figure 3: Subject Property located on 1947 NTS Bruce Sheet



 SUBJECT PROPERTY

Sources: Fig. 2: Illustrated Historical Atlas of Grey County. 1880; Fig. 3: National Topographic System, Bruce Sheet. 1947.

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Page Size: 8.5 x 11

0 1.75

Kilometers

ASI Project No.:
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3.5x11_Historic_x_2



Figure 4: Subject Property located on 1954 Aerial Photography of Southern Ontario



BRIDGE STREET

FULLER STREET

BOUCHER STREET EAST



 SUBJECT PROPERTY

Google Earth Pro. Accessed
2020-09-25

0 50



Meters

Projection: NAD 1983 MTM 10
Scale: 1:1,500
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Figure 5: Existing Conditions of Subject Property

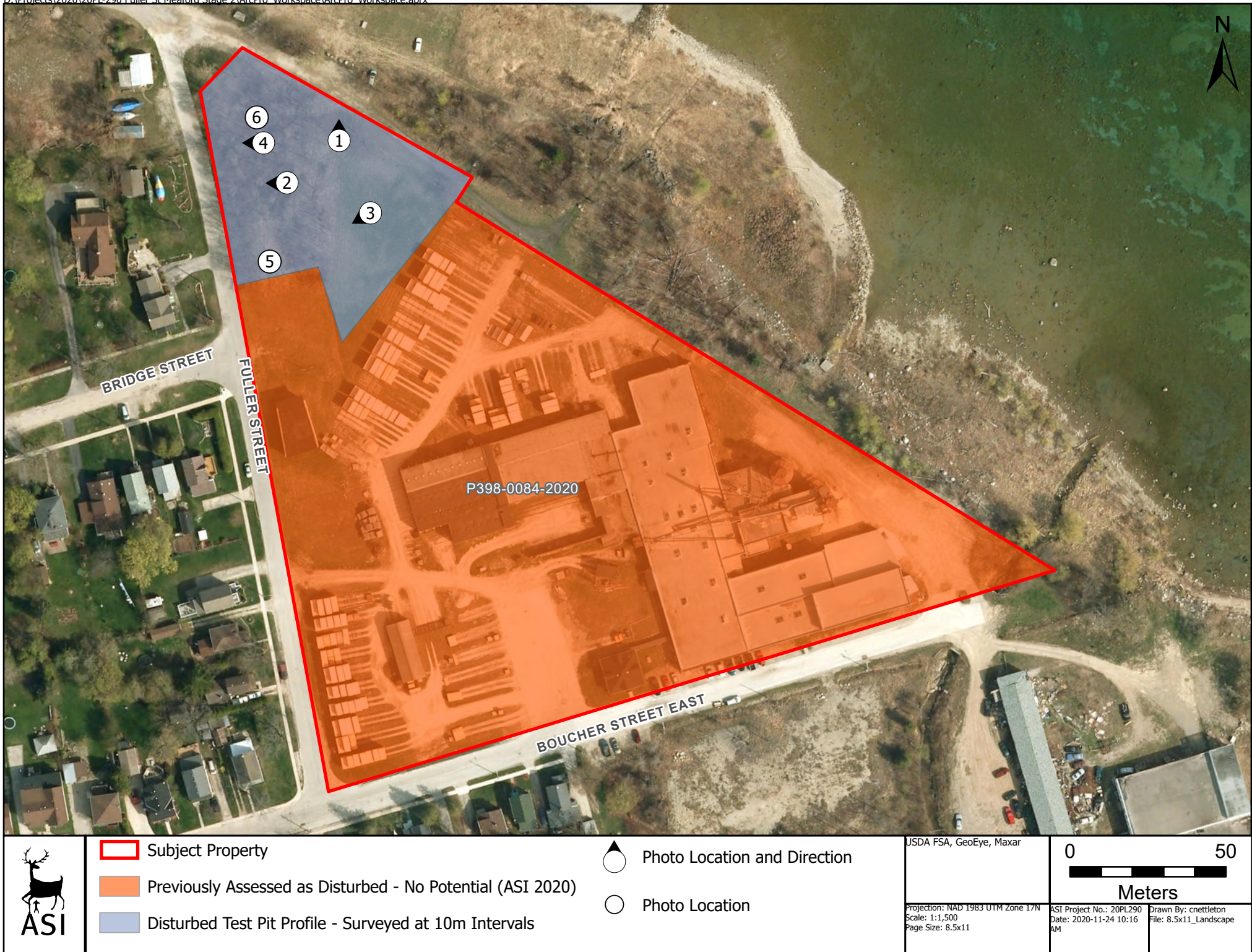


Figure 6: Results of Stage 2 Archaeological Assessment