

APPENDIX I – ARCHAEOLOGICAL SCREENING MEMO



Past Recovery

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May 7th, 2025

Nathan Farrell
Senior Environmental Planner
EGIS Canada Ltd.

**Re: MTO NER #5023-E-0006 PD and DD of 5 New Rest Areas - Wawa (GWP 5135-22-00)
Archaeological Site Selection Ranking - Technical Memo**

Dear Nathan:

The following is a brief summary of the results of the site selection ranking for a new rest area in Wawa from an archaeological potential perspective. No site inspections were undertaken within private property.

Summary of Information Related to Alternative Locations

1. Wawa: Alternative 2

Factors affecting archaeological potential:

Archaeological Sites: There are no registered sites located within 1 km.

Environmental Factors: Two large rock outcrops with exposed bedrock front the property next to the highway (depicted as disturbance on the accompanying mapping), though the rock appears to have been associated with the location of a relict glacial shoreline. Parts of the property are also within buffers from a small stream or wetland. The remainder of the property does not lie within environmental archaeological potential buffers.

Historical Mapping: There are no structures or early transportation corridors shown on nineteenth or early twentieth century mapping in the vicinity of the study area.

Previous Archaeological Assessments: This property has been previously assessed as retaining high archaeological potential in a large corridor study by Scarlett Janusas Archaeology Inc. in 2014. The potential appears to have been derived from glacial shoreline predictive modelling in the south end of the property.

Site Inspection and Previous Disturbances: There is localized disturbance associated with the construction of the current cell tower, including the clearance of an area around it, and the accompanying access road from the highway, as well as in a small area at the north end where there is evidence of bull-dozer push piles.

Ranking: 3 - This property has the most archaeological potential and parts would require Stage 2 assessment if it is selected as the site for the rest area.

2. Wawa: Alternative 5

Factors affecting archaeological potential:

Archaeological Sites: There are no registered sites located within 1 km.

Environmental Factors: The property does not lie within environmental archaeological potential buffers.

Historical Mapping: There are no structures or early transportation corridors shown on nineteenth or early twentieth century mapping in the vicinity of the study area.

Previous Archaeological Assessments: The northern section of this property was assessed as having low archaeological potential in a large regional transmission corridor study by Golder Associates Ltd. in 2016.

Site Inspection and Previous Disturbances: Most of the property consists of a burned-out motel and surrounding parking lot, as well as a hydro corridor along the west side, which have been deeply disturbed. The disturbance continues into the fringes of the small woodlot in the southwestern portion of the property.

Ranking: 2 - This property has deep disturbance over most of its extent and lies beyond buffers from features indicating archaeological potential.

3. Wawa: Alternative 6

Factors affecting archaeological potential:

Archaeological Sites: There are no registered sites located within 1 km.

Environmental Factors: The property does not lie within environmental archaeological potential buffers.

Historical Mapping: There are no structures or early transportation corridors shown on nineteenth or early twentieth century mapping in the vicinity of the study area.

Previous Archaeological Assessments: No previous archaeological assessments have been undertaken within 50 m of this property.

Site Inspection and Disturbances: The property has been completely graded and deeply disturbed with extensive leveling fill added and former surface material pushed into berms around the periphery, with the area currently being used as an unofficial trucker rest area.

Ranking: 1 - All of this property has deep disturbance and lies beyond buffers from features indicating archaeological potential.

Archaeological Ranking Summary

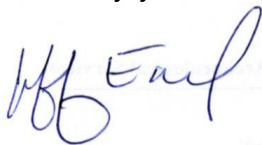
The three alternatives have been ranked below from 1 (least archaeological concern) to 3 (most archaeological concern):

1. Alternative 6
2. Alternative 5
3. Alternative 2

The preliminary archaeological potential determination for each alternative can be seen in Figure 1.

We very much appreciate having been involved with this project. Please do not hesitate to contact us should you require additional information.

Sincerely yours,

A handwritten signature in blue ink that reads "Jeff Earl". The signature is written in a cursive style with a large, looped initial "J".

Jeff Earl, M.Soc.Sc.
Principal Archaeologist



Figure 1. Preliminary archaeological potential determination for the three Wawa alternatives.