Stage 2 Archaeological Assessment Fischer-Hallman Road Improvements Part of Lots 151-160, German Company Tract; Lots 8-9, Beasley's New Survey; Hiestand's Tract; and Bechtel's Tract (Former Township of Waterloo, County of Waterloo) City of Kitchener, Regional Municipality of Waterloo

Supplementary Documentation: Detailed Site Location Information

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1.0 Detailed Site Location

According to Section 7.6 of the *Standards and Guidelines for Consultant Archaeologists* (S & G) administered by the Ministry of Heritage, Sport, Tourism and Culture Industries (MHSTCI), previously the Ministry of Tourism and Culture (MTC, 2011), any information that pinpoints the location of an archaeological site (e.g., detailed assessment results mapping, tables of Global Positioning System (GPS) coordinates for site locations) must not be included in the project report and should only be provided in the *Supplementary Documentation* document. This allows the MHSTCI to exclude it from the Ontario Public Register of Archaeological Reports, if necessary. Archaeological site location information is considered by the MHSTCI to be confidential and/or sensitive information that cannot be made public.

Site descriptions and other relevant information relating to all archaeological work conducted for the project are contained in our accompanying Stage 2 assessment report for the Fischer-Hallman Road Improvements (ASI, 2022).

1.1 Findspots and Registered Sites

1.1.1 Stage 2 Assessment Results

As a result of the Stage 2 assessment for the Fischer-Hallman Road Improvements project (ASI, 2022), two non-diagnostic precontact Indigenous sites and two non-diagnostic precontact Indigenous secondary deposit findspots were identified: Site P1 (AiHc-557), Site P3 (AiHc-558), Secondary Deposit P2, and Secondary Deposit P5 (Figures 1-3).

Of the finds encountered, Site P3 (AiHc-558) exhibits cultural heritage value or interest and meets the requirements for Stage 3 site-specific assessment as per S & G Section 2.2, Standard 1.a.ii(2) and therefore requires further work. Despite a comprehensive review of the Ontario Archaeological Sites Database, Ontario's PastPortal, archaeological reports on file with the Region of Waterloo, and the latest Stage 1 report for the Fischer-Hallman Road Improvements Project (Wood Environment & Infrastructure Solutions, 2019a), ASI could not

confirm that the area surrounding Site P3 (AiHc-558) had been previously subject to Stage 2 assessment. Unbeknownst to ASI at the time of Stage 2 survey, the area surrounding Site P3 was previously assessed by Wood Environment & Infrastructure Solutions (2019b: P348-0061-2019) as seen in Figure 4. During their assessment, two separate Indigenous lithic scatters were located during pedestrian survey: Location 1 and Location 2. Neither scatter met the density requirements for Stage 3 assessment, and were not recommended for further work. It is likely that the artifacts encountered as part of Site P3 (AiHc-558) are related to those documented by Wood Environment & Infrastructure Solutions.

The location of all finds was recorded using a Samsung Galaxy S4 tablet running Esri Collector equipped with a sub-metre Trimble Catalyst GPS. All GPS points taken were referenced to the North American Datum 1983 and projected on the Universe Transverse Mercator grid in zone 17 north.

Environmental conditions were optimal at the time of recording the GPS coordinates, with an accuracy of less than one metre of error. One off-site datum was recorded for this project: Datum 1 is represented by a hydro pole within the Fischer-Hallman Road right-of-way (Figures 1-3).

Table 1: GPS Coordinates

Designation	Easting	Northing	Coordinate Description
Secondary Deposit P2	541619.69	4802595.63	Findspot centre, Test Pit 1
Secondary Deposit P5	540941.66	4804940.72	Findspot centre, Test Pit 1
Site P1 (AiHc-557)	541573.08	4802703.70	Site centre

Designation	Easting	Northing	Coordinate Description
Site P1 (AiHc-557)	541573.51	4802703.85	Eastern limits, Test Pit 1, Test Unit 2
Site P1 (AiHc-557)	541572.68	4802703.59	Western limits, Test Unit 1
Site P1 (AiHc-557)	541573.02	4802703.95	Northern limits
Site P1 (AiHc-557)	541573.12	4802703.50	Southern limits
Site P3 (AiHc-558)	541566.39	4802740.00	Site centre
Site P3 (AiHc-558)	541560.38	4802750.40	Northern limits, Test Pit 7
Site P3 (AiHc-558)	541568.16	4802740.17	Eastern limits
Site P3 (AiHc-558)	541569.50	4802730.50	Southern limits, Test Pit 2, Test Unit 1
Site P3 (AiHc-558)	541560.57	4802738.60	Western limits
Datum 1	541585.00	4802689.00	Hydro pole

2.0 Bibliography and Sources

ASI. (2022). Stage 2 Archaeological Assessment, Fischer-Hallman Road Improvements, Part of Lots 151-160, German Company Tract; Lots 8-9, Beasley's New Survey; Hiestand's Tract; and Bechtel's Tract (Former Township of Waterloo, County of Waterloo), City of Kitchener, Regional Municipality of Waterloo. P1066-0263-2021. Report on file with the Ontario Ministry of Heritage, Sport, Tourism and Culture Industries.

MTC, (Ministry of Tourism and Culture). (2011). Standards and Guidelines for Consultant Archaeologists. Cultural Programs Branch, Ontario Ministry of Tourism and Culture.

Wood Environment & Infrastructure Solutions. (2019a). Original Report: Stage 1 Archaeological Assessment: Fischer-Hallman Road Improvements, from Bleams Road to 140 m south of Plains Road, City of Kitchener, Regional Municipality of Waterloo, Ontario. Project #SWW1181149.3000. P348-0049-2019.

Wood Environment & Infrastructure Solutions. (2019b). Revised Report: Stage 2 Archaeological Assessment: Proposed Road Widening of Fischer-Hallman Road between Plains Road and North of Huron Road, City of Kitchener, Regional Municipality of Waterloo, Ontario, Project #SCL191154. P348-0061-2019. Report on file with the Ontario Ministry of Heritage, Sport, Tourism and Culture Industries.

3.0 Maps

The following maps show the approximate location of sites within one kilometre of the Study Area available from the Ontario Archaeological Sites Database: AiHc-111, AiHc-426, and AiHc-430. These sites do not require further work.

The following maps also show the detailed location of Site P1 (AiHc-557), Site P3 (AiHc-558), and Secondary Deposit P2 in Lot 151, German Company Tract, and Secondary Deposit P5 in Bechtel's Tract (Former Township of Waterloo, County of Waterloo), City of Kitchener, Regional Municipality of Waterloo, Ontario (Figures 1-3). Findspot and site descriptions, and other relevant information relating to all archaeological work conducted for the project are contained in our accompanying Stage 2 assessment report submitted to the MHSTCI (ASI, 2022).

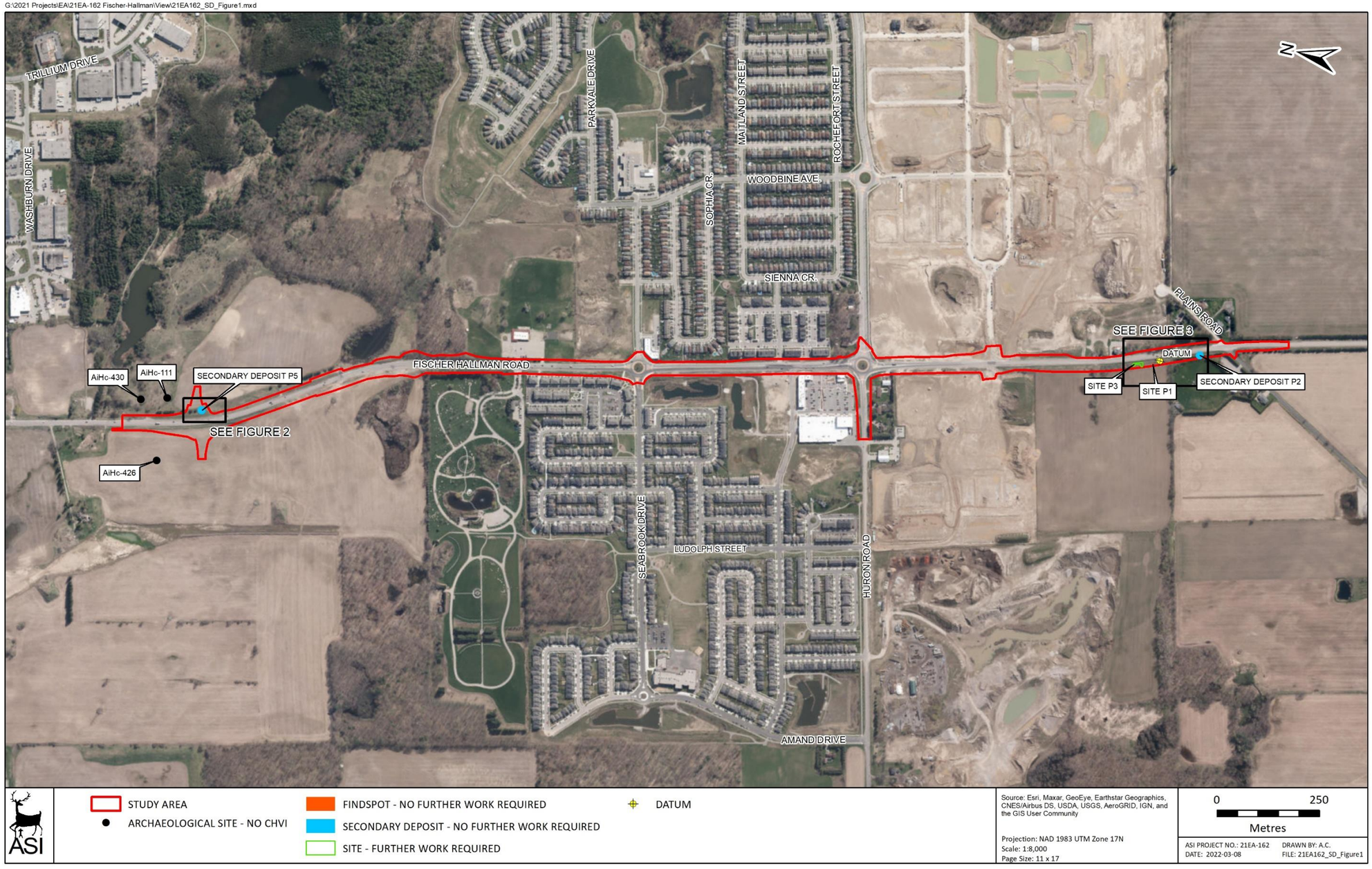

Figure 1: Detailed Location of Registered Sites within One Kilometre of the Study Area and Key of Stage 2 Assessment Results

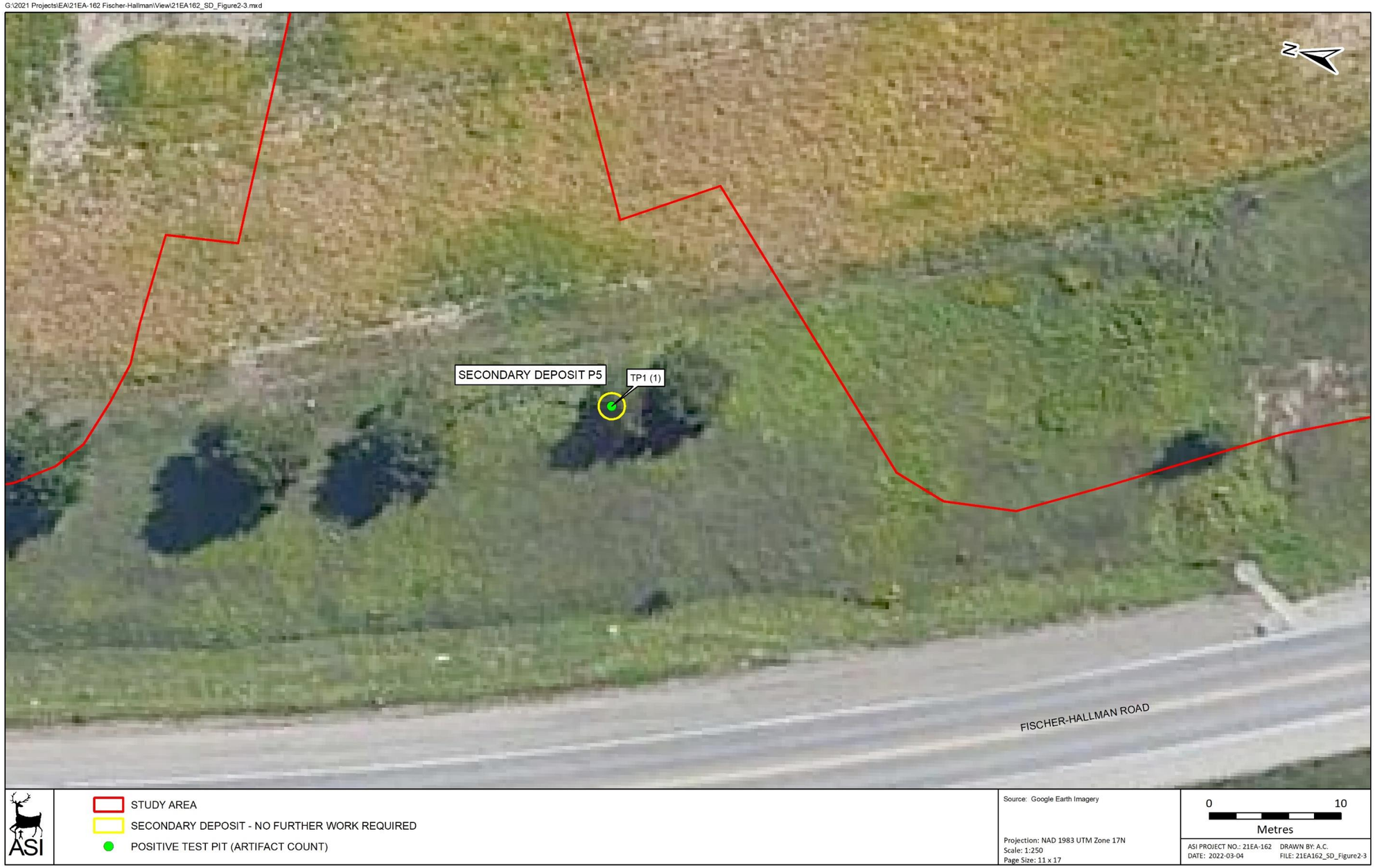

Figure 2: Detailed Site Location of Secondary Deposit P5

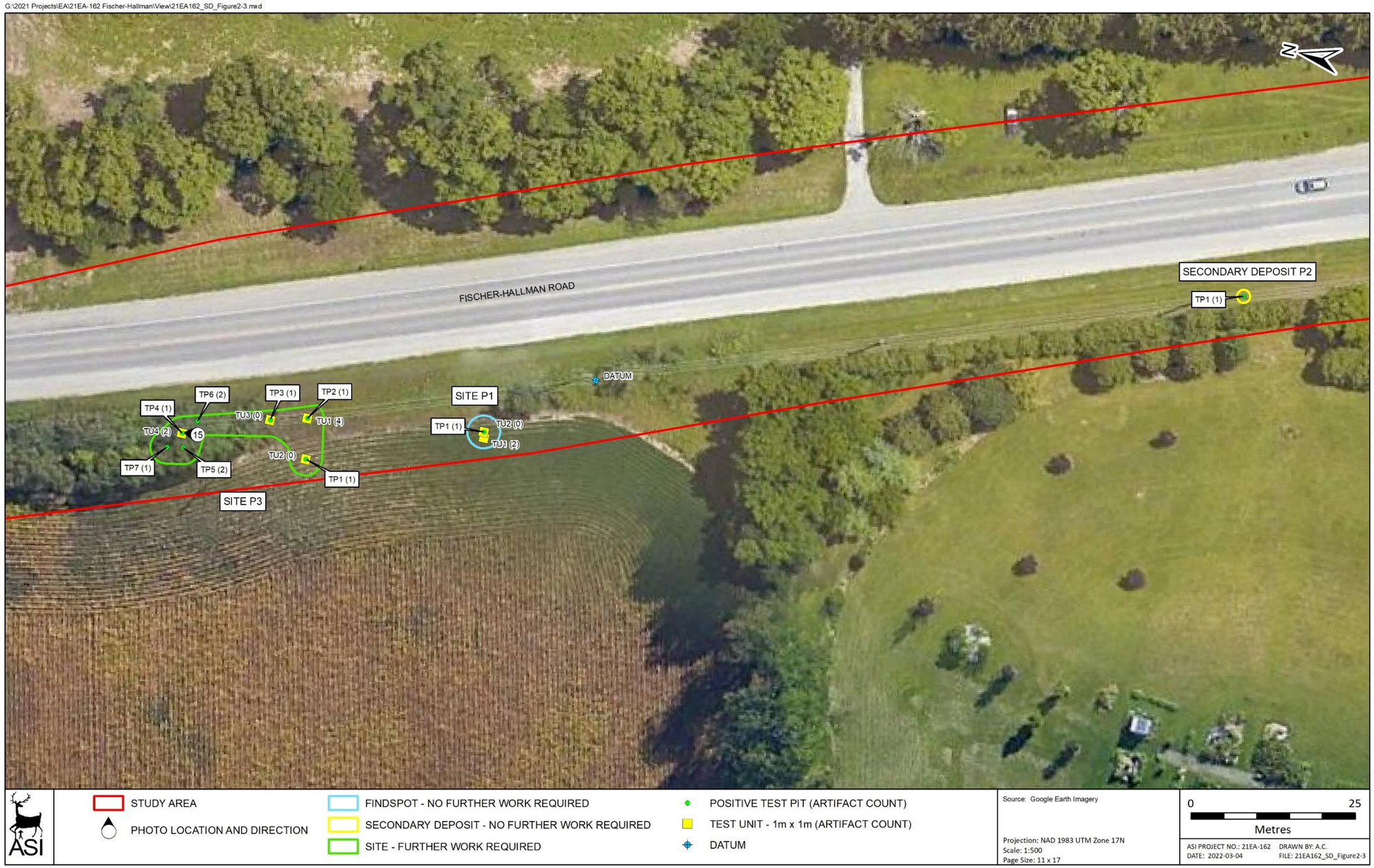

Figure 3: Detailed Site Location of Site P1 (AiHc-557), Site P3 (AiHc-558), and Secondary Deposit P2

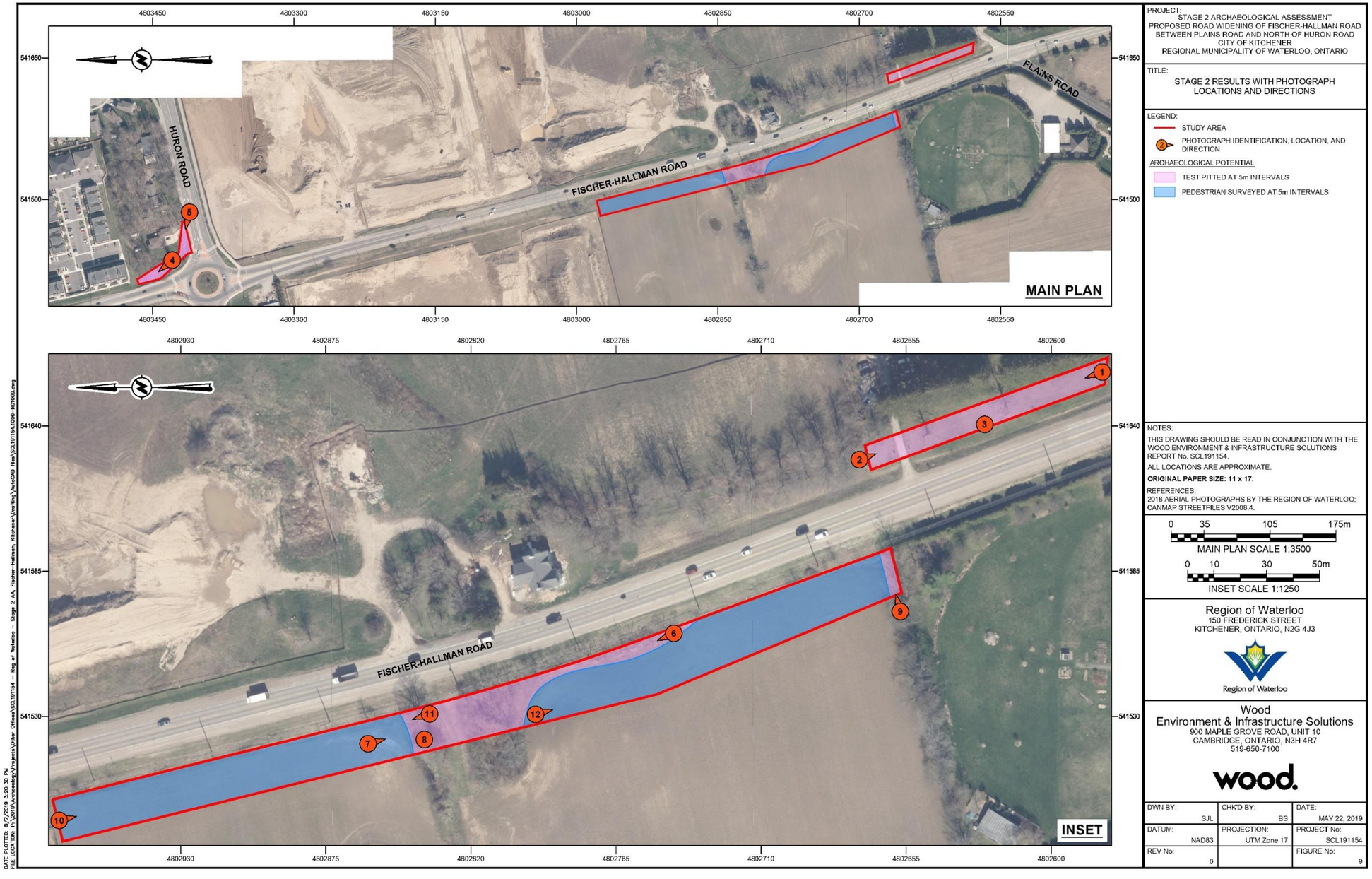

Figure 4: Previous Stage 2 Assessment Results by Wood Environment & Infrastructure Solutions (2019: Figure 9)