STAGE 3 ARCHAEOLOGICAL ASSESSMENT OF SITES AFGT-135, 136, 137, 138, 139, 140, 141, 142 AND THE MCINTYRE-EVANS SITE (AFGT-90), LOYALIST INDUSTRIAL PARK, PART OF LOTS 29 & 30, CONCESSION 3, GEOGRAPHIC TOWNSHIP OF HUMBERSTONE, WELLAND COUNTY, NOW IN THE CITY OF PORT COLBORNE, REGIONAL MUNICIPALITY OF NIAGARA

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STAGE 3 ARCHAEOLOGICAL ASSESSMENT OF SITES
AFGT-135, 136, 137, 138, 139, 140, 141, 142
AND THE MCINTYRE-EVANS SITE (AFGT-90),
LOYALIST INDUSTRIAL PARK, PART OF LOTS 29 & 30,
CONCESSION 3, GEOGRAPHIC TOWNSHIP OF HUMBERSTONE,
WELLAND COUNTY, NOW IN THE CITY OF PORT COLBORNE,
REGIONAL MUNICIPALITY OF NIAGARA

EXECUTIVE SUMMARY

Archaeological Services Inc. (ASI) was contracted by the City of Port Colborne to conduct a Stage 3 archaeological investigation of sites AfGt-135, 136, 137, 138, 139, 140, 141, 142 and the McIntyre-Evans site (AfGt-90), located within the Loyalist Industrial Park, Part of Lots 29 & 30, Concession 3, Geographic Township of Humberstone, Welland County, now in the City of Port Colborne, Regional Municipality of Niagara. These sites were discovered in the course of a Stage 1&2 archaeological assessment (ASI 2006).

Stage 3 investigations were conducted in order to evaluate the nature, extent, integrity and significance of sites AfGt-135, 136, 137, 138, 139, 140, 141, 142 and the McIntyre-Evans site (AfGt-90). These sites are mainly situated in a large, open agricultural field that was ploughed and allowed to weather through several substantial rainfalls. At each site, a datum recording stake was established at the UTM coordinates obtained during the Stage 2 assessment for the approximate centre of the surface artifact scatter and a controlled surface collection was undertaken at two-meter intervals. The dry upland portion of the otherwise swampy woodlot at the far northwestern corner of the field within the limits of the McIntyre-Evans site (AfGt-90) was also investigated through test pitting at two-meter intervals.

Upon inspecting the overlapping distribution of surface artifacts at sites AfGt-138, 140 and 90 (field designations P4, P6 and P10, respectively), it was clear that these three components actually comprise one large site and should be investigated using a single grid. Given that the McIntyre-Evans site was the first to be registered, sites AfGt-138 (P4) and AfGt-140 (P6) should be subsumed under the heading, McIntyre-Evans site (AfGt-90).

This investigation has confirmed diffuse artifact surface scatters and relatively low ploughzone yields at sites AfGt-137, 139 and 142. Conversely, sites AfGt-135, 136, 141 and the McIntyre-Evans site (AfGt-90) (including the former sites AfGt-138 and 140) have each demonstrated potential to add to our growing understanding of pre-contact exploitation of this portion of the City of Port Colborne.

At each of these sites, the predominance of shatter and distal flake fragments, as well as the high ratio of secondary to primary flakes, suggests that during all occupation periods their inhabitants were focused more on tool re-sharpening and refurbishing activities than on early stage tool production from large blocks of raw material. Moreover, the appearance of a substantial assortment of both debitage and tools indicates that these sites were occupied both repeatedly and for prolonged periods of time. For three of these sites it is even possible to state approximately when they were in use. For example, site AfGt-135 was occupied by Early Archaic, Transitional Woodland and Late Woodland peoples. Site AfGt-141 was used by Middle Archaic and Late Woodland Middle to

Late Iroquoian peoples; and the McIntyre-Evans site (AfGt-90) was exploited primarily during the Middle Archaic period, but also during the Late Archaic, Transitional Woodland and Late Woodland periods.

In addition to the conditions outlined in Section 4.0 of this report, it is recommended that: 1) sites AfGt-137, 139 and 142 should now be considered free of any further archaeological concern; and 2) sites AfGt-135, 136, 141 and the McIntyre-Evans site (AfGt-90) (including AfGt-138 and 140) should be subjected to comprehensive Stage 4 salvage excavation if they cannot be protected from development-related disturbance.

ARCHAEOLOGICAL SERVICES INC.
TE DIVISION

PROJECT PERSONNEL

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1.0 INTRODUCTION

Archaeological Services Inc. (ASI) was contracted by the City of Port Colborne to conduct a Stage 3 archaeological investigation of sites AfGt-135, 136 137, 138, 139, 140, 141, 142 and the McIntyre-Evans site (AfGt-90), located within the Loyalist Industrial Park, Part of Lots 29 & 30, Concession 3, Geographic Township of Humberstone, Welland County, now in the City of Port Colborne, Regional Municipality of Niagara (Figure 1). These sites were discovered in the course of a Stage 1 and 2 archaeological assessment (ASI 2006).

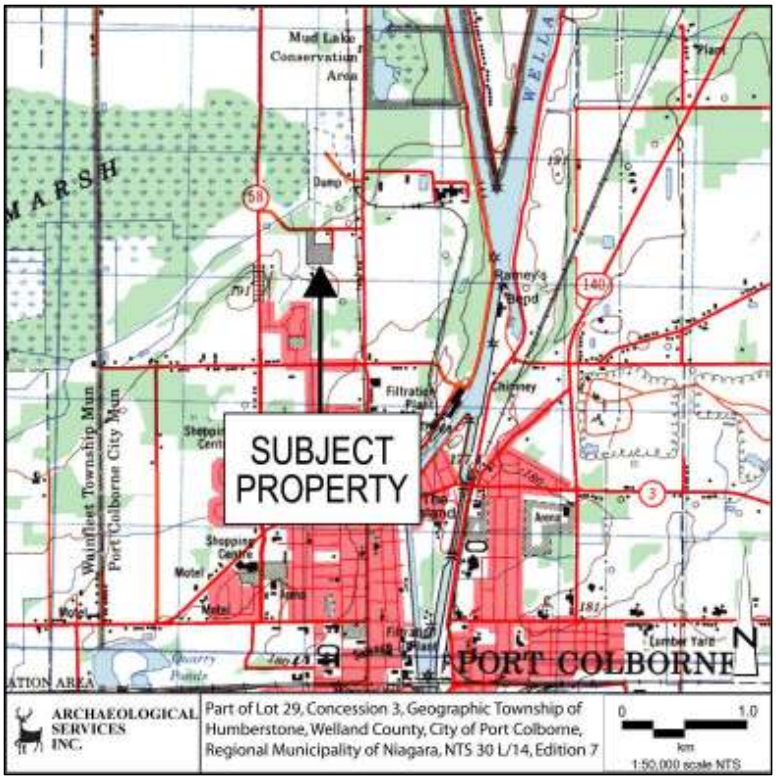


Figure 1: Location of Study Area Base Map:NTS 30L/14

This study was conducted under the project management of Dr. Robert MacDonald and the field direction of Dr. Shaun Austin under consulting license P141 and PIF# P141-099-2007, pursuant to the *Ontario Heritage Act* (R.S.O. 1990) and in partial fulfilment of conditions imposed in compliance with the *Ontario Planning Act* (R.S.O. 1996). Stage 3 fieldwork was undertaken from May 25 to September 13, 2007. Permission to access the land and to carry out all activities necessary for the purpose of this investigation was provided by Mr. Dan Aquilina on March 27, 2007.

The following report provides the study background, field methodology, results, conclusions and recommendations of this assessment.

2.0 PREVIOUS INVESTIGATIONS

2.1 Stage 2 Archaeological Assessment

Stage 2 archaeological assessment of three hectares of land within the Loyalist Industrial Park (comprising Parts 8 and 10, Part of Part 9, Plan 59R-3863 on Part of Lots 29 & 30, Concession 3, City of Port Colborne, Regional Municipality of Niagara) resulted in the discovery of the continuation of the previously registered McIntyre-Evans site (AfGt-90) (Todd 2000) and the identification of eight other pre-contact aboriginal sites (AfGt-135, 136, 137, 138, 139, 140, 141, 142) and two pre-contact aboriginal findspots (Figure 2).

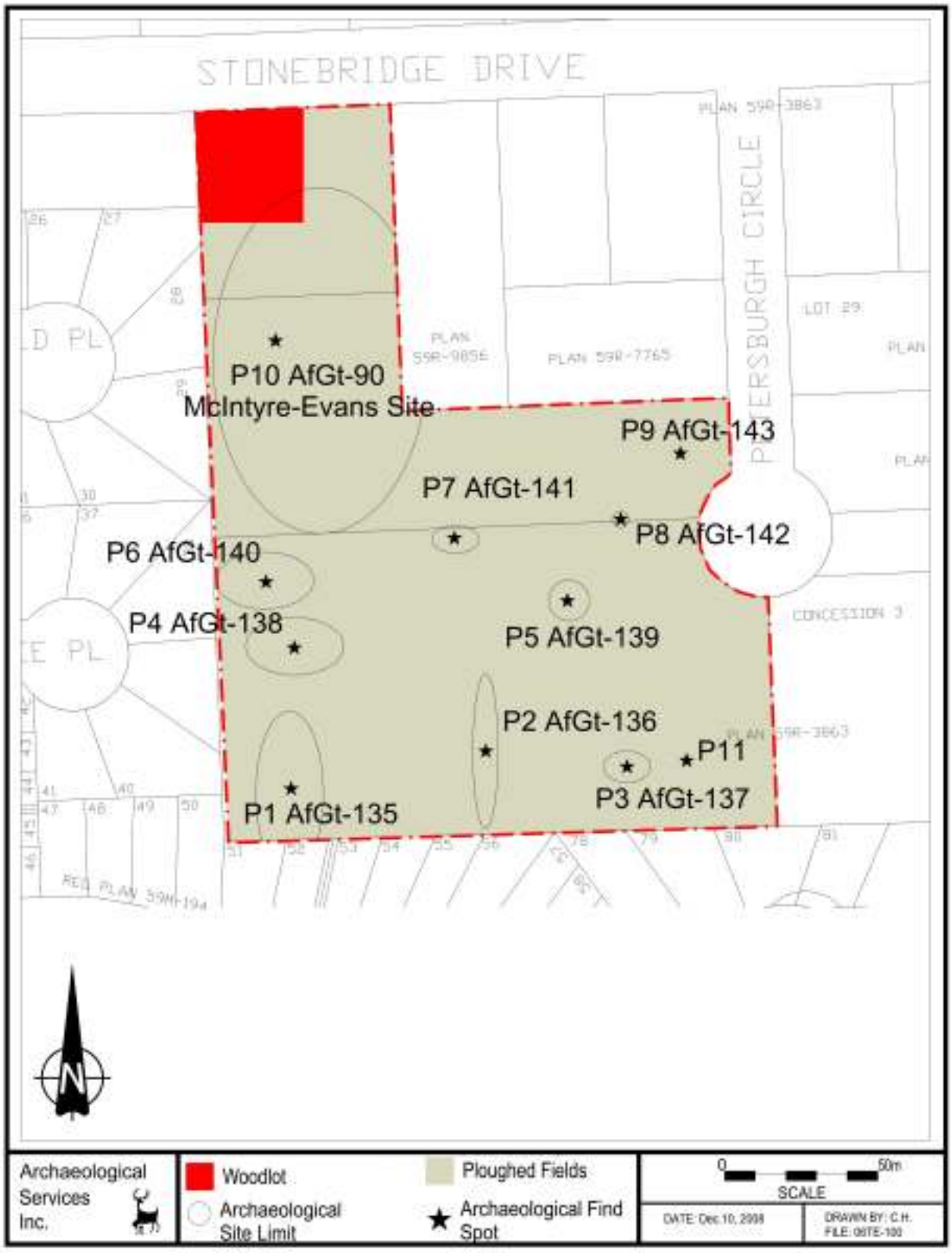


Figure 2: Stage 2 Estimate of Site Locations and Limits

It was concluded that sites AfGt-135—142 and the McIntyre-Evans site (AfGt-90) all represent potentially significant archaeological resources that demonstrate potential to provide further insight into the pre-contact aboriginal occupation of the study area (*e.g.*, ASI 2002, 2004a, 2004b). It was therefore recommended that, if it is impossible to protect them from disturbance, these sites should be subjected to Stage 3 archaeological assessment in order to clarify further their extent, archaeological integrity, artifact density, and significance.

3.0 STAGE 3 INVESTIGATIONS

3.1 Methodology

Stage 3 archaeological fieldwork was undertaken from May 25 to September 13, 2007, under the field direction of Dr. Shaun Austin. Weather conditions through this time period ranged from sunny and hot to overcast and warm.

The sites in question are mainly situated in a large, open agricultural field that was ploughed and allowed to weather through several substantial rainfalls. At each site, a datum recording stake was established at the UTM coordinates obtained during the Stage 2 assessment for the approximate centre of the surface artifact scatter, and a controlled surface collection was undertaken at two-meter intervals. In addition, the dry upland portion of the otherwise swampy woodlot at the far northwestern corner of the McIntyre-Evans site (AfGt-90) was subjected to a controlled test pitting assessment at two-meter intervals.

The spatial distribution of surface and test pitting finds guided the placement of a series of hand-excavated one-meter test units (Plates 1 and 2). Each unit was hand excavated through the clay loam ploughzone to subsoil at a depth of 15-35 cm. The soil fill from each unit was screened through six-millimeter mesh in order to facilitate the recovery of artifacts. In addition, the walls and floors of each test unit were carefully trowelled and examined for evidence of culturally initiated stratigraphic layering or buried cultural features. Upon inspecting the overlapping distribution of surface artifacts at sites AfGt-138, 140 and 90 (field designations P4, P6 and P10, respectively), it was clear that these three components actually comprise one large site and should be investigated using a single grid (see Figure 3).

3.2 Results

3.2.1 Site AfGt-135 (P1)

During the 2006 Stage 2 assessment, a 40 meter by 20 meter scatter of approximately sixty pieces of Onondaga chert debitage was observed in the southwestern corner of the subject lands. No culturally or temporally diagnostic artifacts were recorded at that time. In order to facilitate a controlled surface collection at a later date, all artifacts were left *in situ*.

The Stage 3 controlled surface collection resulted in the recovery of 176 artifacts: eighty-eight shatter/distal flake fragments, forty-two secondary knapping flakes, nineteen chert chunks[1], eleven primary thinning flakes, seven secondary retouch flakes, seven bifaces and two primary reduction flakes.

[1] The term "chunks" refers to small blocks of Onondaga chert that were found on four of the sites mentioned in this report. At Site AfGt-135, two of these chunks are battered and thermally altered, while another two have been retouched or utilized. At all other sites where they appear they show no evidence of cultural modification, but are nonetheless included in the assemblages for those sites as it is likely that they were deliberately transported there.

Plate 1: Stage 3 Fieldwork at Site AfGt-136 (P2), Looking Northwest toward McIntyre-Evans Site (AfGt-90) and Dry Portion of Woodlot Area Test Pitted at Two-Metre Intervals

Plate 2: Stage 3 Fieldwork at Site AfGt-136 (P2), Looking West toward Site AfGt-135 (P1)

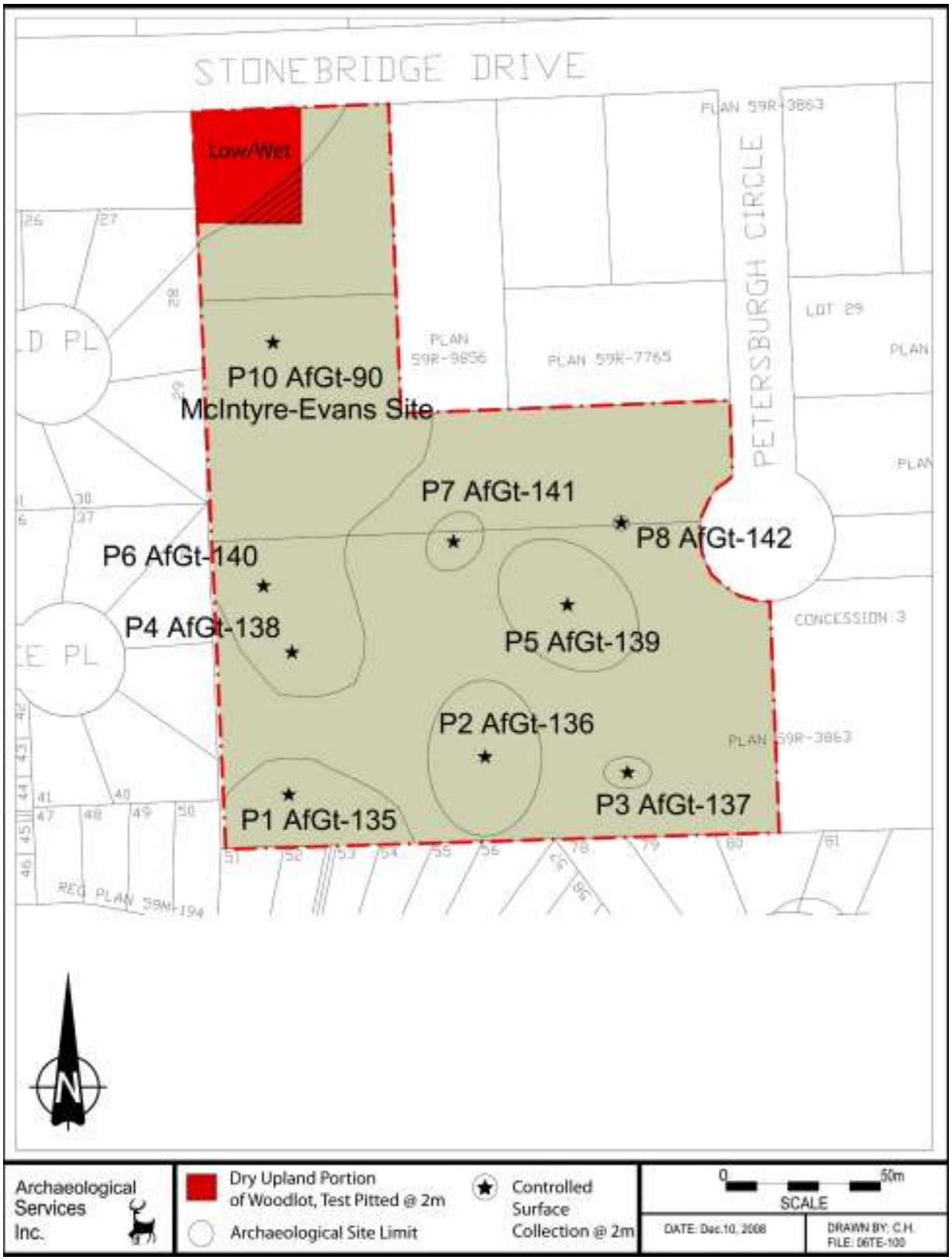


Figure 3: Updated Stage 3 Estimate of Site Locations and Limits Showing AfGt-138, 140 and 90 as a Single Site

These surface finds were spread over an area measuring approximately 40 meters north-south by 60 meters east-west.

Within this area, 60 one-meter units were excavated (Figure 4). Artifact counts per one-meter square ranged from one to 114. Despite careful scrutiny, no cultural layering was observed within the ploughzone and no cultural features were identified within the subsoil. Nevertheless, 2,015 artifacts were recovered from the ploughzone, including: 1,423 shatter/distal flake fragments, 309 secondary knapping flakes, 175 secondary retouch flakes, 39 chunks, 28 primary thinning flakes, 22 bifaces, 6 cores (four random or rotated cores, two bipolar cores), 5 formal end scrapers (Plate 3a-e), 5 projectile points (Plate 3f-j), 2 primary reduction flakes and 1 hammerstone.

The frequencies of the various artifact types represented at Site AfGt-135 are presented in Table 1 (see also Appendix Tables 1, 2).

Table 1: Artifact Types at Site AfGt-135 (P1)

Artifact Type	Frequency	Percentage
Shatter/Distal Flake Fragments	1,511	69.9
Secondary Knapping Flakes	351	16.0
Secondary Retouch Flakes	182	8.3
Chunks	58	2.6
Primary Thinning Flakes	39	1.7
Bifaces	29	1.3
Cores	6	0.2
End Scrapers	5	0.2
Projectile Points	5	0.2
Primary Reduction Flakes	4	0.1
Hammerstone	1	0.04
Total	**2,191**	**100.5**

The single groundstone artifact is a sandstone hammer with concentrated pecking on two opposing ends.

With the exception of one Selkirk chert shatter fragment from 490-195, all of the chipped stone artifacts are comprised of Onondaga chert. Two hundred and thirty-three (10.6%) display evidence of thermal alteration. Although thermal alteration is largely limited to debitage, it is also apparent on two battered chert chunks, on two bifaces, and on one end scraper. Evidence of retouch/utilization also occurs most frequently on debitage, but was additionally observed on two thermally altered chunks, on one biface fragment, and on one crude end scraper (see Plate 3e).

Each of the five recovered projectile points can be considered temporally or culturally diagnostic. The first, from Unit 495-195, is an Early Archaic Bifurcate Base point with double notching on one side (Cat L91) (Plate 3f). The second is a Transitional Woodland Levanna point (Cat L121) from Unit 500-205 (Plate 3g). The third is a Levanna base (Cat L215) from Unit 514-215 (Plate 3h). The fourth is a Late Woodland Middleport Side Notched base (L137) from Unit 500-220 (Plate 3i). And the fifth is a probable Late Woodland flake point (Cat L207) from Unit 510-210 (Plate 3j). Thus it is possible to infer that Site AfGt-135 was occupied as early as the Bifurcate Horizon of the Early Archaic period (ca. 8900-8000 B.P.), again during the Transitional Woodland period (ca. A.D. 600-900), and once more sometime during the Late Woodland period (ca. A.D. 900 onward).

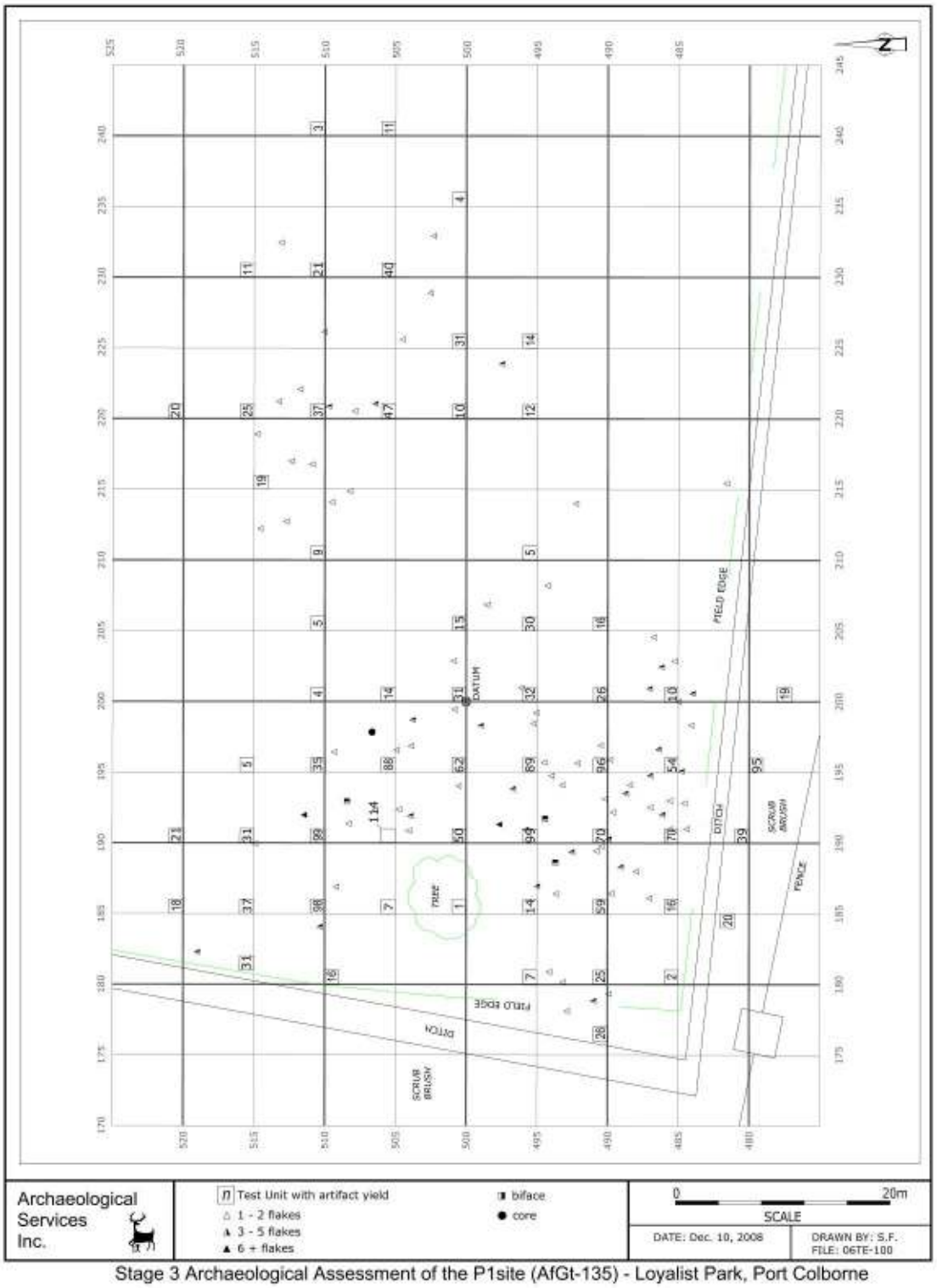


Figure 4: Controlled Surface Collection and One-Meter Squares at Site AfGt-135 (P1)

The predominance of shatter and distal flake fragments, as well as the high ratio of secondary to primary flakes, suggests that during all occupation periods the inhabitants of site AfGt-135 were focused more on tool re-sharpening and refurbishing activities than on early stage tool production from large blocks of raw material. Moreover, the appearance of a substantial assortment of both debitage and tools, including projectile points and scrapers, indicates that this site was occupied repeatedly and for prolonged periods of time by Early Archaic, Transitional Woodland and Late Woodland peoples who were engaged not only in chert knapping, but also hunting and hide working.

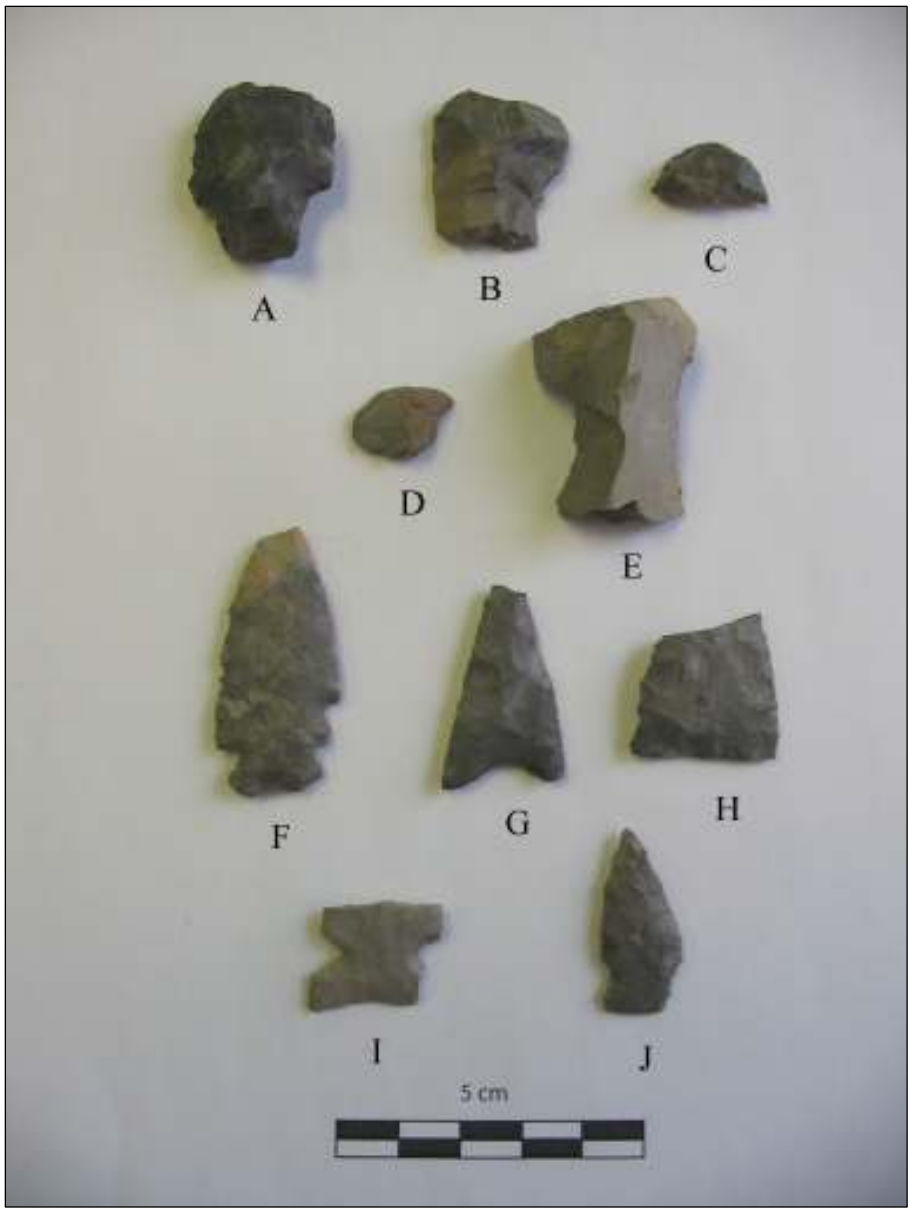


Plate 3: Representative Artifacts from Site AfGt-135 (P1). Formal End Scrapers: a) Cat L24; b) Cat L46; c) Cat L65; d) Cat L84; e) Cat L144. Projectile Points: f) Cat L91; g) Cat L121; h) Cat L215; i) Cat L137; j) Cat L207

3.2.2 Site AfGt-136 (P2)

During the 2006 Stage 2 assessment, a 50 meter by 10 meter scatter of approximately fifty pieces of non-diagnostic Onondaga chert debitage was identified in the south-central portion of the subject lands. In order to facilitate a controlled surface collection at a later date, all artifacts were left *in situ*.

The Stage 3 controlled surface collection resulted in the recovery of thirteen artifacts: five primary thinning flakes, five secondary knapping flakes, one primary reduction flake, one biface (Plate 4a) and one random core. These surface finds were spread over an area measuring approximately 60 meters north-south by 45 meters east-west.

Within this area, 30 one-meter units were excavated (Figure 5). Artifact counts per one-meter square ranged from zero to sixty-six. Despite careful scrutiny, no cultural layering was observed within the ploughzone and no cultural features were identified within the subsoil. Nevertheless, 502 artifacts were recovered from the ploughzone, including: 408 shatter/distal flake fragments, 57 secondary knapping flakes, 15 secondary retouch flakes,14 primary thinning flakes, 6 bifaces (Plate 4b-g), 1 random core and 1 primary reduction flake.

The frequencies of the various artifact types represented at site AfGt-136 are presented in Table 2 (see also Appendix Table 3).

Table 2: Artifact Types at Site AfGt-136 (P2)

Artifact Type	Frequency	Percentage
Shatter/Distal Flake Fragments	408	79.2
Secondary Knapping Flakes	62	12.0
Primary Thinning Flakes	19	3.7
Secondary Retouch Flakes	15	2.9
Bifaces	7	1.4
Primary Reduction Flakes	2	0.4
Cores	2	0.4
Total	**515**	**100**

All artifacts from site AfGt-136 are made of Onondaga chert. Twenty-six (5%) artifacts—all shatter or distal flake fragments—display evidence of thermal alteration. Evidence of retouch/utilization also occurs exclusively on debitage. One shatter fragment was not only thermally altered but also displays evidence of retouch/utilization in the form of unifacial bipolar and oblique percussion flaking on three margins.

None of the artifacts in this assemblage can be considered temporally or culturally diagnostic. Nevertheless, the predominance of shatter/distal flake fragments, as well as the high ratio of secondary to primary flakes, suggests that the inhabitants of site AfGt-136, like those at site AfGt-135, were focused more on tool re-sharpening and refurbishing activities than on early stage tool production from large blocks of raw material. Unlike site AfGt-135, however, the lack of any formal tools indicates that this site was not as intensively or repeatedly occupied over time.

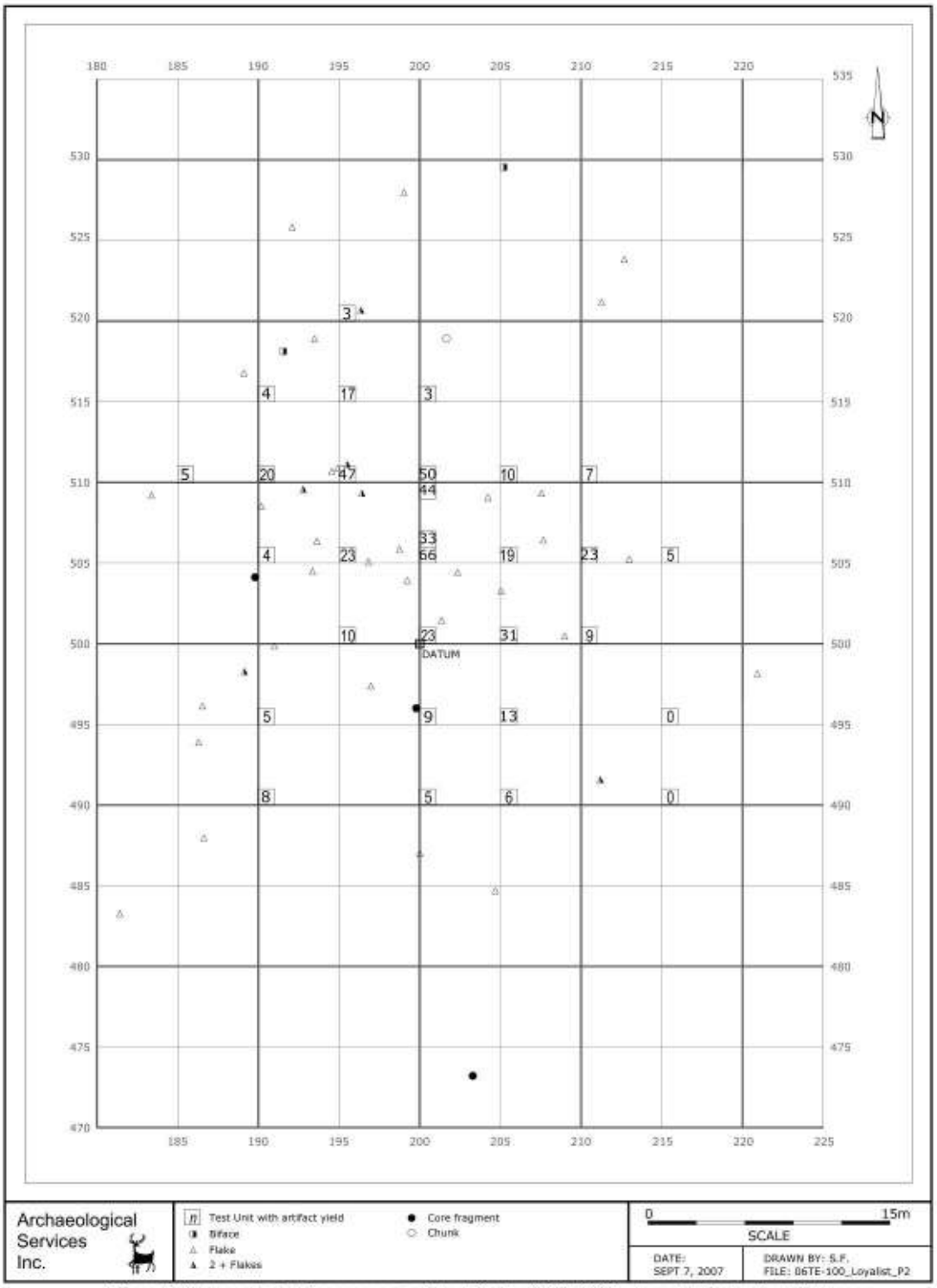


Figure 5: Controlled Surface Collection and One-Meter Squares at Site AfGt-136 (P2)

Plate 4: Representative Artifacts from Site AfGt-136 (P2). Bifaces: a) Cat L6; b) Cat L34; c) Cat L12; d) Cat L45; e) Cat L66.; f) Cat L70; g) Cat L91

3.2.3 Site AfGt-137 (P3)

During the 2006 Stage 2 assessment, two Onondaga chert cores and four pieces of non-diagnostic Onondaga chert debitage were recorded within a 15 meter by 10 meter area in the south-central portion of the subject lands. In order to facilitate a controlled surface collection at a later date, all artifacts were left *in situ*.

No artifacts were encountered on the surface when this site area was re-visited during the Stage 3 investigation. As a result, no one-meter units were excavated at this relatively ephemeral occupation area.

3.2.4 Site AfGt-139 (P5)

During the 2006 Stage 2 assessment, six pieces of non-diagnostic Onondaga chert debitage were observed within a 10 meter by 10 meter area near the centre of the subject lands. In order to facilitate a controlled surface collection at a later date, all artifacts were left *in situ*.

The Stage 3 controlled surface collection resulted in the recovery of nine Onondaga chert artifacts: three unmodified chunks, two secondary knapping flakes, one primary thinning flake, one shatter fragment, one random core and one biface (Plate 5). However, these surface finds were spread over a broad area measuring approximately 50 meters northeast-southwest by 35 meters northwest-southeast (Figure 6). Given the diffuse nature and low yields of the surface scatter compared to neighbouring sites, site AfGt-139 was deemed to be a relatively insignificant component which did not warrant the excavation of one-meter units.

The frequencies of the various artifact types represented at site AfGt-139 are presented in Table 3 (see also Appendix Table 4). All artifacts from site AfGt-139 are made of Onondaga chert. None displays evidence of thermal alteration or retouch/utilization and none can be considered temporally or culturally diagnostic.

Plate 5: Biface from Site AfGt-139 (P5), Cat L1

Table 3: Artifact Types at Site AfGt-139 (P5)

Artifact Type	Frequency	Percentage
Unmodified Chunks	3	33.3
Secondary Knapping Flakes	2	22.2
Primary Thinning Flakes	1	11.1
Shatter/Distal Flake Fragments	1	11.1
Cores	1	11.1
Bifaces	1	11.1
Total	**9**	**99.9**

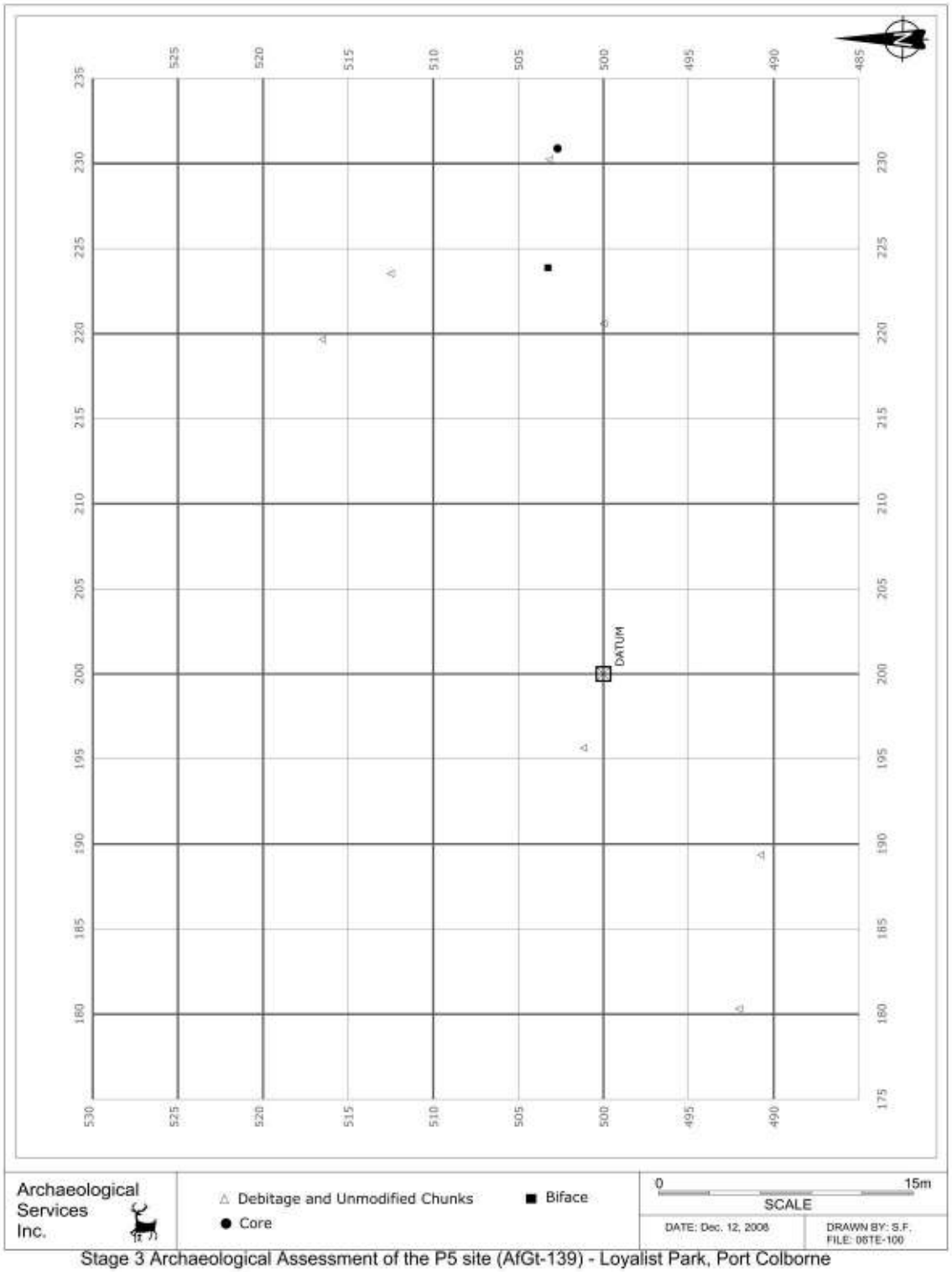


Figure 6: Controlled Surface Collection at Site AfGt-139 (P5)

3.2.5 Site AfGt-141 (P7)

During the 2006 Stage 2 assessment, a 15 meter by 10 meter scatter of approximately thirty-five pieces of non-diagnostic Onondaga chert debitage was identified near the centre of the subject lands. In order to facilitate a controlled surface collection at a later date, all artifacts were left *in situ*.

The Stage 3 controlled surface collection resulted in the recovery of fifty-nine artifacts: twenty shatter/distal flake fragments, seventeen secondary knapping flakes, nine primary thinning flakes, six unmodified chunks, four bifaces, two projectile points (Plate 6a, b) and one bipolar core. These surface finds were spread over an area measuring approximately 20 meters northeast-southwest by 15 meters northwest-southeast.

Within this area, five one-meter units were excavated (Figure 7). Artifact counts per one-meter square ranged from three to nine. Despite careful scrutiny, no cultural layering was observed within the ploughzone and no cultural features were identified within the subsoil. Nevertheless, thirty-two artifacts were recovered from the ploughzone, including: twenty-three shatter/distal flake fragments, six secondary knapping flakes, two secondary retouch flakes and one projectile point (Plate 6c).

The frequencies of the various artifact types represented at site AfGt-141 are presented in Table 4 (see also Appendix Table 5).

All artifacts from Site AfGt-141 are made of Onondaga chert. Fourteen (15.4%) pieces of debitage and one bipolar core display evidence of thermal alteration. Evidence of retouch/utilization is limited to one biface fragment.

Two of the three recovered projectile points can be considered temporally or culturally diagnostic. The first, from the controlled surface collection, is a Late Woodland Middleport Side Notched base (Cat L5) (Plate 6a). The second, from Unit 430-240, is a probable Middle Archaic Brewerton Side Notched point with an unusual base shape (Cat L6) (Plate 6c). Thus is possible to infer that site AfGt-141 was occupied as early as the Middle Archaic Brewerton period (ca. 5000-4500 B.P.) and again during the Late Woodland Middle to Late Iroquoian period (ca. A.D. 1300 onward).

Once again, the predominance of shatter and distal flake fragments, as well as the high ratio of secondary to primary flakes, suggests that during all occupation periods the inhabitants of site AfGt-141 were focused more on tool re-sharpening and refurbishing activities than on early stage tool production from large blocks of raw material. Moreover, the appearance of both debitage and projectile points indicates that site AfGt-141 was occupied on more than one occasion for a prolonged period of time by Middle Archaic and Middle to Late Iroquoian peoples who were engaged not only in chert knapping, but also hunting.

Plate 6: Representative Artifacts from Site AfGt-141 (P7). Projectile Points: a) Cat L5; b) Cat L6; c) Cat L17

Table 4: Artifact Types at Site AfGt-141 (P7)

Artifact Type	Frequency	Percentage
Shatter/Distal Flake Fragments	43	47.3
Secondary Knapping Flakes	23	25.3
Primary Thinning Flakes	9	9.9
Unmodified Chunks	6	6.6
Bifaces	4	4.4
Projectile Points	3	3.3
Secondary Retouch Flakes	2	2.2
Cores	1	1.1
Total	**91**	**100.1**

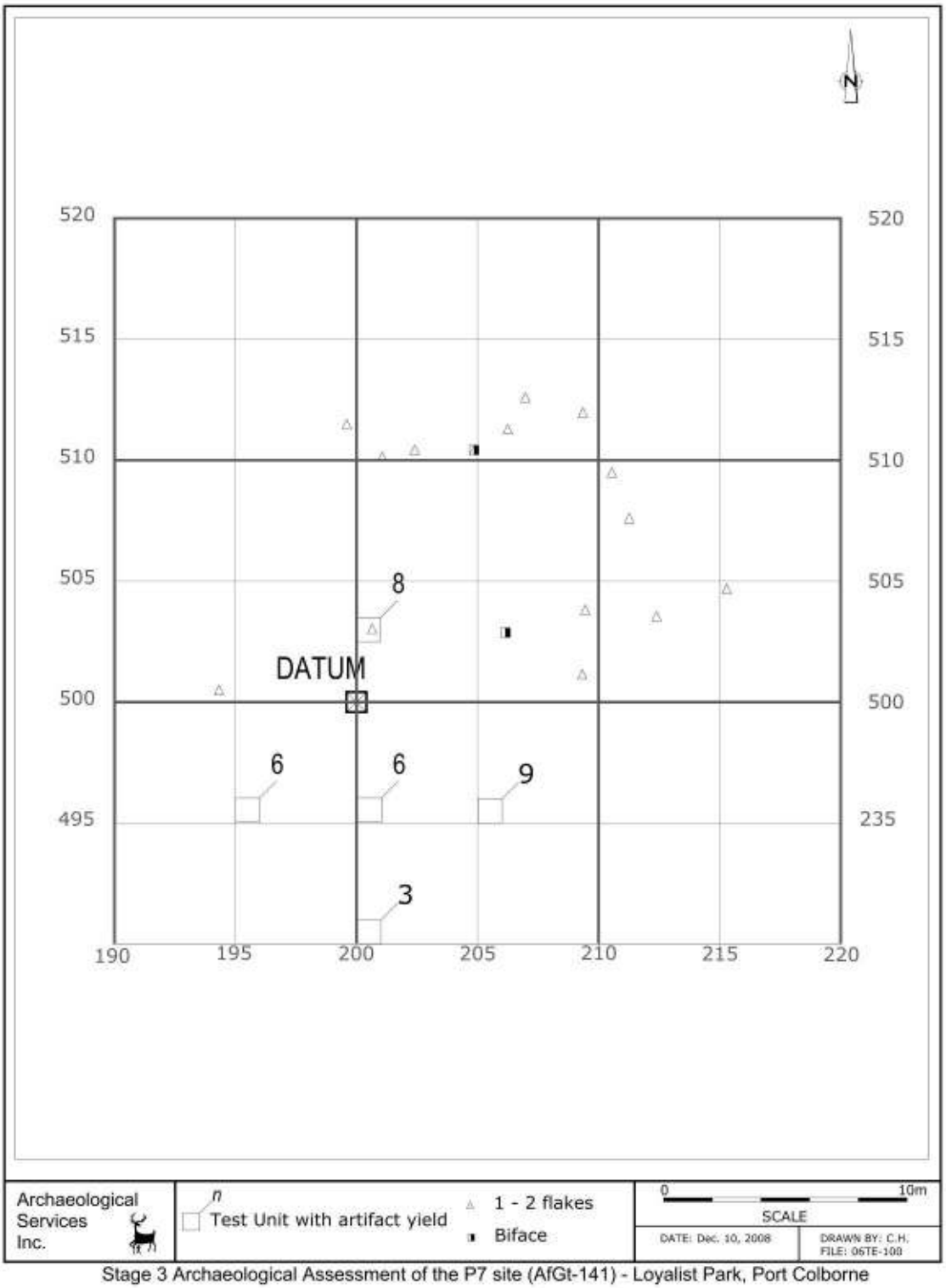


Figure 7: Controlled Surface Collection at Site AfGt-141 (P7)

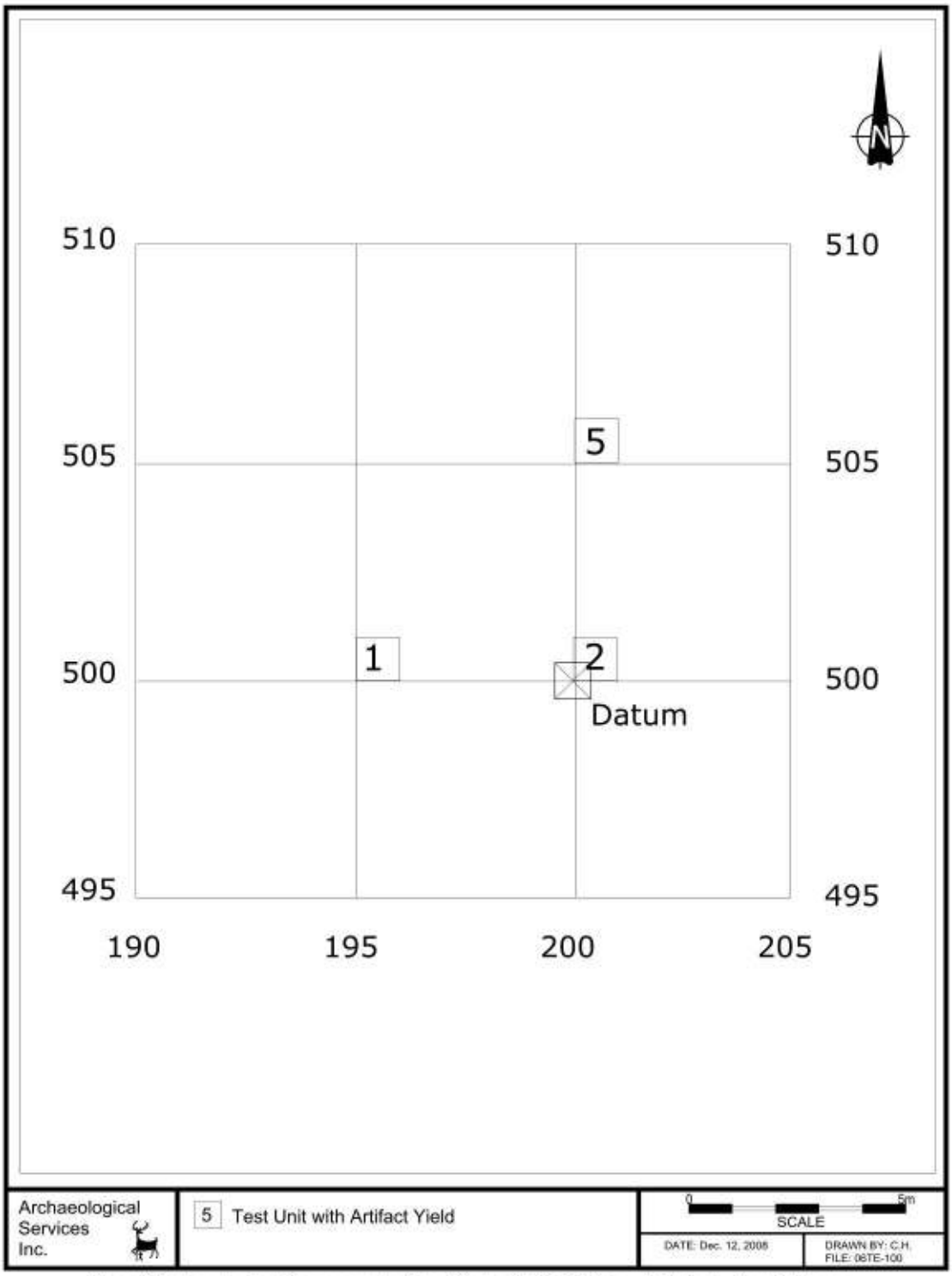
3.2.6 Site AfGt-142 (P8)

During the 2006 Stage 2 assessment four pieces of non-diagnostic Onondaga chert debitage were observed within a five meter by five meter area near the east-central edge of the subject property. In order to facilitate a controlled surface collection at a later date, all artifacts were left *in situ*.

No artifacts were observed on the surface of this site during the Stage 3 controlled surface collection. Nevertheless, three one-meter units were excavated in the location of the Stage 2 surface finds, as they had been confined to a discrete five meter by five meter area (Figure 8). Despite careful scrutiny, no cultural layering was observed within the ploughzone and no cultural features were identified within the subsoil. However, eight artifacts were recovered from the ploughzone, including: five pieces of shatter/distal flake fragments, two secondary retouch flakes and one secondary knapping flake. The artifact counts per one-meter square ranged from one to five. The frequencies of the various artifact types represented at site AfGt-142 are presented in Table 5 (see also Appendix Table 6). All artifacts are made of Onondaga chert. One shatter fragment was thermally altered. None displays evidence of retouch/utilization and no temporally or culturally diagnostic artifacts were recovered. As was the case with sites AfGt-137 and 139, this site appears to represent a relatively insignificant occupation area.

Table 5: Artifact Types at Site AfGt-142 (P8)

Artifact Type	Frequency	Percentage
Shatter/Distal Flake Fragments	5	62.5
Secondary Retouch Flakes	2	25
Secondary Knapping Flakes	1	12.5
Total	**8**	**100.0**



Stage 3 Archaeological Assessment of the P8 site (AfGt-142) - Loyalist Park, Port Colborne

Figure 8: Controlled Surface Collection and One-Meter Squares at Site AfGt-142 (P8)

3.2.7 McIntyre-Evans Site (AfGt-90) (P10), AfGt-138 (P4) and AfGt-140 (P6)

During the 2006 Stage 2 assessment, site AfGt-138 (P4) appeared as a 30 meter by 20 meter scatter of more than 200 pieces of non-diagnostic Onondaga chert debitage near the centre of the subject lands. In order to facilitate a controlled surface collection at a later date, all artifacts were left *in situ*.

In Stage 2, site AfGt-140 (P6) presented as a 30 meter by 20 meter scatter of more than 100 pieces of non-diagnostic Onondaga chert debitage along the west-central edge of the subject property. In order to facilitate a controlled surface collection at a later date, all artifacts were left *in situ*.

The Stage 2 assessment also confirmed that a portion of the previously registered Archaic period McIntyre-Evans site extends onto the northern half of the subject property. Over 400 pieces of non-diagnostic Onondaga chert debitage were observed within an area measuring approximately 70 meters by 50 meters. In order to facilitate a controlled surface collection at a later date, most artifacts were left *in situ*.

Upon inspecting the overlapping distribution of surface artifacts at Sites AfGt-138, 140 and 90 (field designations P4, P6 and P10, respectively) during the Stage 3 investigation, it was clear that these three components actually form a single site. Given that the McIntyre-Evans site was the first to be registered, Sites AfGt-138 (P4) and AfGt-140 (P6) should be subsumed under the heading, McIntyre-Evans site (AfGt-90).

The Stage 3 controlled surface collection of the ploughed section of the McIntyre-Evans site resulted in the recovery of 1,028 artifacts, including 749 shatter/distal flake fragments, 79 secondary knapping flakes, 77 primary thinning flakes, 51 unmodified chunks, 32 bifaces, 19 primary reduction flakes, 10 secondary retouch flakes, 10 random cores and 1 scraper (Plate 7a).

In addition to a controlled surface collection, the dry upland portion of the otherwise swampy woodlot at the extreme northwestern corner of the property was examined through the excavation of test pits at two-meter intervals. Each test pit was hand excavated through the clay loam ploughzone to subsoil at a depth of 25-30 cm. The soil fills were screened through six-millimeter mesh in order to facilitate the recovery of artifacts. Despite careful scrutiny, no artifacts or cultural layering was observed in any of these test pits and no cultural features were identified in the subsoil. Nevertheless, positive test pits recorded in this same section of woodlot in 2004 (ASI 2006) had already clearly demonstrated that the McIntyre-Evans site continues into this area.

On the basis of both the Stage 3 controlled surface collection and the Stage 2 test pitting results it may be concluded that the section of the McIntyre-Evans site within the current study area measures approximately 190 meters north-south by 100 meters east-west. The site is now known to extend beyond the western limits of the property and to stretch at least as far north as Stonebridge Drive (see Figure 3). Within this overall area, including the woodlot fringe, 126 one-meter units were excavated (Figure 9). Despite careful scrutiny, no cultural layering was observed within the ploughzone and no cultural features were identified within the subsoil. A total of 10,974 artifacts were recovered from the one-meter units, including: 9,680 shatter/distal flake fragments, 687 secondary knapping flakes, 419 secondary retouch flakes, 74 primary thinning flakes, 42 bifaces, 31 primary reduction flakes, 15 unmodified chunks, 12 cores (11 random and one bipolar), 11 projectile points (Plate 7b-g, Plate 8a-f), 2 drills (Plate 9a-b) and 1 graver (Plate 9c). The artifact counts per one-meter square ranged from 0 to 774.

The frequencies of the various artifact types represented at the McIntyre-Evans Site (AfGt-90) are presented in Table 6 (see also Appendix Table 7).

Table 6: Artifact Types at the McIntyre-Evans Site (AfGt-90)

Artifact Type	Frequency	Percentage
Shatter/Distal Flake Fragments	10,429	86.9
Secondary Knapping Flakes	766	6.4
Secondary Retouch Flakes	429	3.6
Primary Thinning Flakes	151	1.3
Bifaces	74	0.6
Unmodified Chunks	66	0.5
Primary Reduction Flakes	50	0.4
Cores	22	0.2
Projectile Points	11	0.09
Drills	2	0.02
Gravers	1	0.01
End and Side Scrapers	1	0.01
Total	**12,002**	**100.03**

Eleven thousand, nine hundred and ninety-eight (99.97%) of the artifacts in this assemblage are manufactured from Onondaga chert. The exceptions are as follows: one secondary retouch flake of Flint Ridge Chalcedony from Unit 490-200; one Late Archaic Innes projectile point (Cat. L177) (see Plate 7b) of Selkirk chert from Unit 420-180; one Bois Blanc chert shatter fragment from Unit 510-190; and one Bois Blanc secondary knapping flake from Unit 510-190.

One thousand and forty-four artifacts, or 8.7% of the assemblage, exhibit evidence of thermal alteration. Although largely limited to debitage, thermal alteration is also found on five bifaces, one bipolar core, one random core, and one projectile point (Cat. L427) from Unit 480-220 (see Plate 8f).

Thirty-four debitage fragments and two bifaces (0.3% of the sample) have been retouched or utilized. Only one artifact, a shatter fragment, shows evidence of both retouch/utilization and thermal alteration.

Ten of the eleven recovered projectile points can be considered temporally or culturally diagnostic. Four date to the Brewerton Horizon of the Middle Archaic period (ca. 5000-4500 B.P.). The first is a Middle Archaic Brewerton Corner Notched point fragment (Cat L456) from Unit 500-200 (Plate 7d). The second is a Brewerton Corner Notched point (Cat L555) from Unit 530-230 (Plate 7f). The third is a Brewerton Corner Notched point (Cat L564) from Unit 530-235 (Plate 8e). The fourth is a Brewerton Corner Notched point fragment (Cat L427) from Unit 480-220 (Plate 8f). The fifth projectile point, from Unit 420-180, dates to the Late Archaic Innes period (Cat L177) (Plate 7b). The sixth is a Transitional Woodland Levanna point fragment (Cat L105) from Unit 400-200 (Plate 8b). The seventh is a Late Woodland Middleport Side-Notched point (Cat L210) from Unit 430-200 (Plate 7c). The eighth is a Middleport Side Notched point fragment (Cat L94) from Unit 390-190 (Plate 8a). The ninth is a Late Woodland Nanticoke Notched point (Cat L520) from Unit 520-182 (Plate 7e). And the tenth is a Late Woodland narrow triangular point fragment (Cat L486) from Unit 510-220 (Plate 8d).

Thus is possible to infer that the most substantial occupation of the McIntyre-Evans site occurred during the Brewerton Horizon of the Middle Archaic period (ca. 5000-4500 B.P.). But the site was again in use during the Smallpoint Horizon of the Late Archaic period (ca. 2800 B.P.), as well as during the Transitional Woodland period (ca. A.D. 600-900), and at least once more sometime during the Late Woodland period (ca. A.D. 900 onward).

Plate 7: Representative Artifacts from Site AfGt-90. Scraper: a) Cat L81. Projectile Points: b) Cat L177; c) Cat L210; d) Cat L456; e) Cat L520; f) Cat L555

As with each of the other sites discussed in this report, the predominance of shatter and distal flake fragments, as well as the high ratio of secondary to primary flakes, suggests that during all occupation periods the inhabitants of the McIntyre-Evans site were focused more on tool re-sharpening and refurbishing activities than on early stage tool production from large blocks of raw material. Moreover, the appearance of a substantial assortment of both debitage and tools, including projectile points, drills, a graver and a scraper, indicates that this site was occupied repeatedly and for prolonged periods of time, mainly during the Middle Archaic period, but also during the Late Archaic, Transitional Woodland and Late Woodland periods by peoples who were engaged not only in chert knapping, but also hunting and hide working.

Plate 8: Representative Artifacts from Site AfGt-90 (continued). Projectile Points: a) Cat 94; b) Cat L105; c) Cat L251; d) Cat L486; e) Cat L564; f) Cat L427

Plate 9: Representative Artifacts from Site AfGt-90 (continued). Drills: a) Cat 373; b) Cat L445. Graver: c) Cat L518

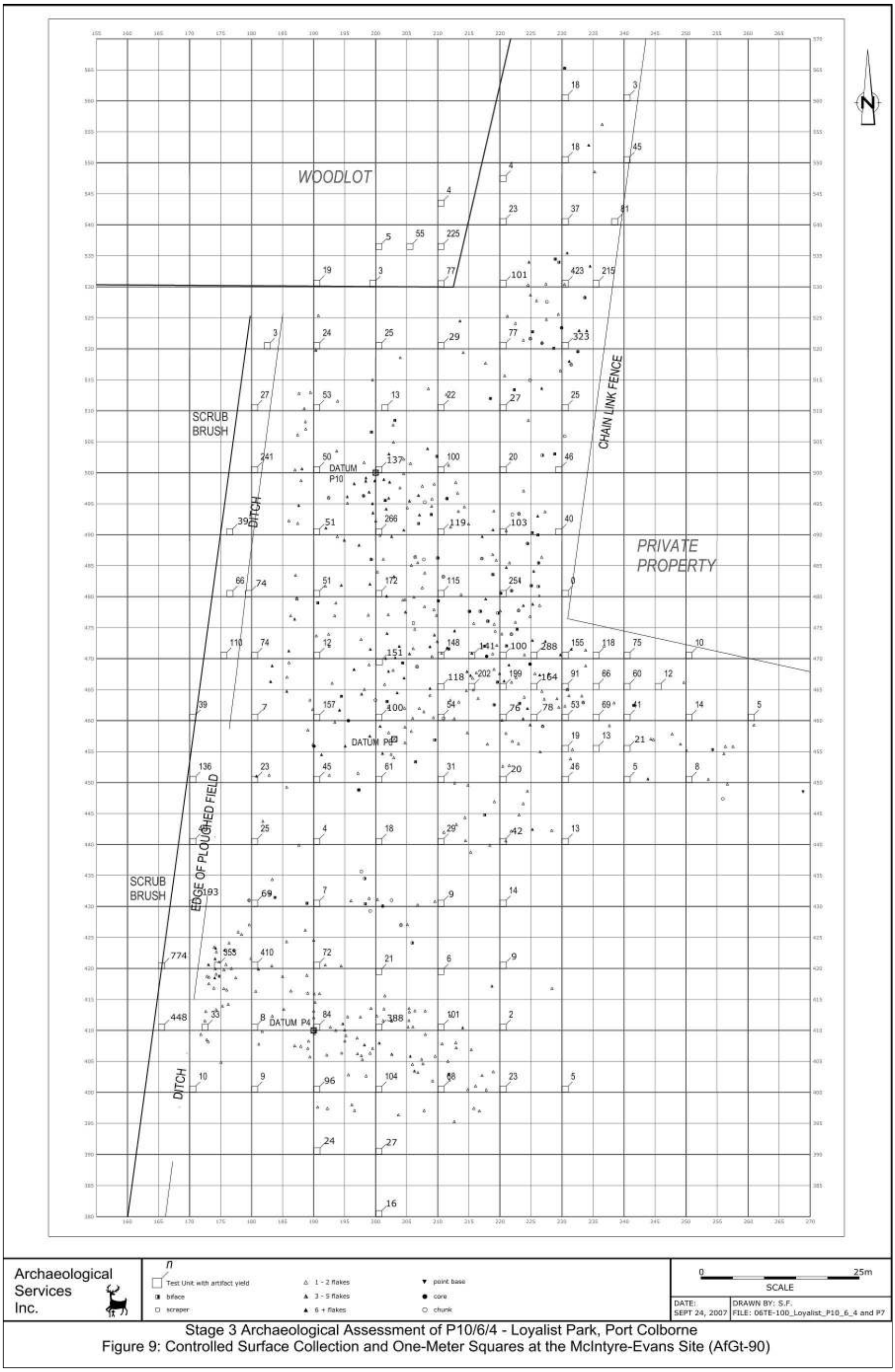


Figure 9: Controlled Surface Collection and One-Meter Squares at the McIntyre-Evans Site (AfGt-90)

4.0 CONCLUSIONS AND RECOMMENDATIONS

Archaeological Services Inc. (ASI) was contracted by the City of Port Colborne to conduct a Stage 3 archaeological investigation of sites AfGt-135, 136 137, 138, 139, 140, 141, 142 and the McIntyre-Evans site (AfGt-90), located within the Loyalist Industrial Park, Part of Lots 29 & 30, Concession 3, Geographic Township of Humberstone, Welland County, now in the City of Port Colborne, Regional Municipality of Niagara. These sites were discovered in the course of a Stage 1&2 archaeological assessment (ASI 2006).

Stage 3 investigations were conducted in order to evaluate the nature, extent, integrity and significance of sites AfGt-135, 136 137, 138, 139, 140, 141, 142 and the McIntyre-Evans site (AfGt-90). These sites are mainly situated in a large, open agricultural field that was ploughed and allowed to weather through several substantial rainfalls. At each site, a datum recording stake was established at the UTM coordinates obtained during the Stage 2 assessment for the approximate centre of the surface artifact scatter and a controlled surface collection was undertaken at two-meter intervals. The dry upland portion of the otherwise swampy woodlot at the far northwestern corner of the field within the limits of the McIntyre-Evans site (AfGt-90) was also investigated through test pitting at two-meter intervals.

Upon inspecting the overlapping distribution of surface artifacts at sites AfGt-138, 140 and 90 (field designations P4, P6 and P10, respectively) during the Stage 3 investigation, it was clear that these three components actually comprise one large site and should be investigated using a single grid. Given that the McIntyre-Evans site was the first to be registered, sites AfGt-138 (P4) and AfGt-140 (P6) should be subsumed under the heading, McIntyre-Evans site (AfGt-90).

The spatial distribution of surface and test pitting finds guided the placement of a series of hand-excavated one-meter test units. Each unit was hand excavated through the clay loam ploughzone to subsoil at a depth of 15-35 cm. The soil fill from each unit was screened through six-millimeter mesh in order to facilitate the recovery of artifacts. In addition, the walls and floors of each test unit were carefully trowelled and examined for evidence of culturally initiated stratigraphic layering or buried cultural features.

This investigation has confirmed diffuse artifact surface scatters and relatively low ploughzone yields at sites AfGt-137, 139 and 142. Conversely, sites AfGt-135, 136, 141 and the McIntyre-Evans site (AfGt-90) (including the former Sites AfGt-138 and 140) have each demonstrated potential to add to our growing understanding of pre-contact exploitation of this portion of the City of Port Colborne.

At each of these sites, the predominance of shatter and distal flake fragments, as well as the high ratio of secondary to primary flakes, suggests that during all occupation periods their inhabitants were focused more on tool re-sharpening and refurbishing activities than on early stage tool production from large blocks of raw material. Moreover, the appearance of a substantial assortment of both debitage and tools indicates that these sites were occupied both repeatedly and for prolonged periods of time. For three of these sites it is even possible to state approximately when they were in use. For example, site AfGt-135 was occupied by Early Archaic, Transitional Woodland and Late Woodland peoples. Site AfGt-141 was used by Middle Archaic and Late Woodland Middle to Late Iroquoian peoples; and the McIntyre-Evans site (AfGt-90) was exploited primarily during the Middle Archaic period, but also during the Late Archaic, Transitional Woodland and Late Woodland periods.

In light of these results, it is recommended that:

1. Sites AfGt-137, 139 and 142 should now be considered free of any further archaeological concern.

2. Sites AfGt-135, 136, 141 and the McIntyre-Evans site (AfGt-90) (including AfGt-138 and 140) should be subjected to comprehensive Stage 4 salvage excavation if they cannot be protected from development-related disturbance. Such research should continue the excavation and screening of one-meter squares in areas of significant archaeological deposits as warranted. All test units should be hand-excavated to sterile subsoil and the soil fills screened through six-millimeter mesh in order to facilitate artifact recovery. The subsoil should be trowelled and all profiles examined for undisturbed cultural deposits. If low artfact counts and no features are observed in a particular site area, a recommendation may then be made to clear that area of any further archaeological concern. Should archaeological deposits be encountered, these deposits must be thoroughly documented and excavated by hand.

The following conditions also apply:

• This report is submitted to the Minister of Culture as a condition of licensing in accordance with Part VI of the Ontario Heritage Act, RSO 1990, c 0.18. The report is reviewed to ensure that the licensed consultant archaeologist has met the terms and conditions of their archaeological license, and that the archaeological fieldwork and report recommendations ensure the conservation, preservation and protection of the cultural heritage of Ontario.

• 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 Cemeteries Act requires that any person discovering human remains must immediately notify the police or coroner and the Registrar of Cemeteries, Ministry of Small Business and Consumer Services.

• The documentation related to this archaeological assessment will be curated by Archaeological Services Inc. 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 Culture, and any other legitimate interest groups.

• 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 from them, except by a person holding an archaeological license.

5.0 REFERENCES CITED

Archaeological Services Inc.

2002 *Stage 1&2 Archaeological Assessment of Stonebridge Drive Industrial Park Part of Lot 29, Concession 3 City of Port Colborne Regional Municipality of Niagara, Ontario*, Report on File at the Ministry of Culture, Toronto.

2004a *Stage 3&4 Archaeological Investigation of The Stonebridge Site (AfGt-98) Stonebridge Drive Industrial Park Part of Lot 29, Concession 3 City of Port Colborne Regional Municipality of Niagara, Ontario***.** Report on File at the Municipal Offices of the City of Port Colborne, Ontario.

2004b *Stage 3&4 Archaeological Investigation of The Stonebridge II (AfGt-99) and Stonebridge III (AfGt-100) Sites, Loyalist Industrial Park Part of Lot 29, Concession 3, City of Port Colborne, Regional Municipality of Niagara, Ontario***.** Report on File at the Municipal Offices of the City of Port Colborne, Ontario.

2006 *Stage 1&2 Archaeological Assessment of Parts 8 and 10, Part of Part 9, Plan 59R-3863, Loyalist Industrial Park, Part of Lots 29 & 30, Concession 3, Geographic Township of Humberstone, Welland County, Now in the City of Port Colborne, Regional Municipality of Niagara*, Report on File At Archaeological Services Inc., Burlington, Ontario.

Todd, D.

2000 *McIntyre-Evans (AfGt-90) Meadow Heights 1 (AfGt-89) Canada Starch 1 (AfGt-44) Ravaazzollo (AgGt-110) A Compendium of 4 Archaeological Survey Reports from the Niagara Peninsula.* 2000 Licence Report Licence No. 2000-014. Report on File at Archaeological Services Inc., Burlington, Ontario.

APPENDIX TABLES

Appendix Table 1: Site AfGt-135 (P1): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
Controlled Surface Collection	From 500-200	L13	1	B - Biface	Onondaga				58	55	20	Crude
Controlled Surface Collection	From 500-200	L16	1	B - Biface	Onondaga				59	35	13	Crude
Controlled Surface Collection	From 500-200	L14	1	BF - Biface fragment	Onondaga						13	
Controlled Surface Collection	From 500-200	L15	1	BF - Biface fragment	Onondaga					27	10	
Controlled Surface Collection	From 500-200	L12	1	BF - Biface fragment	Onondaga						10	
Controlled Surface Collection	From 500-200	L10	1	BF - Biface fragment	Onondaga			Yes				Ret/util on 1 margin
Controlled Surface Collection	From 500-200	L11	1	BF - Biface fragment	Onondaga					27	11	
Controlled Surface Collection	From 500-200	L4	2	PR - Primary reduction flake	Onondaga							
Controlled Surface Collection	From 500-200	L1	11	PT - Primary thinning flake	Onondaga							
Controlled Surface Collection	From 500-200	L2	85	SH Shatter/Distal Flake	Onondaga	Yes	7					
Controlled Surface Collection	From 500-200	L6	1	SH Shatter/Distal Flake	Onondaga	Yes	1	Yes				Ret/util on 1 margin
Controlled Surface Collection	From 500-200	L7	1	SH Shatter/Distal Flake	Onondaga			Yes				Ret/util on 2 margins
Controlled Surface Collection	From 500-200	L8	1	SH Shatter/Distal Flake	Onondaga			Yes				Ret/util on 1 margin
Controlled Surface Collection	From 500-200	L3	42	SK - Secondary knapping flake	Onondaga	Yes	6					
Controlled Surface Collection	From 500-200	L9	7	SR - Secondary retouch flake	Onondaga			Yes				Ret/util on 1 margin
Controlled Surface Collection	From 500-200	L5	19	U - Unclassifiable	Onondaga	Yes	5					Chunks
Ploughzone	477-200	L19	2	PT - Primary	Onondaga	Yes	1					

Appendix Table 1: Site AfGt-135 (P1): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
				thinning flake								
Ploughzone	477-200	L17	16	SH Shatter/Distal Flake	Onondaga	Yes	3					
Ploughzone	477-200	L18	1	SK - Secondary knapping flake	Onondaga							
Ploughzone	479-195	L23	7	PT - Primary thinning flake	Onondaga	Yes	2					
Ploughzone	479-195	L20	67	SH Shatter/Distal Flake	Onondaga	Yes	6					
Ploughzone	479-195	L21	10	SK - Secondary knapping flake	Onondaga	Yes	1					
Ploughzone	479-195	L22	11	SR - Secondary retouch flake	Onondaga							
Ploughzone	480-190	L24	1	ES - End scraper	Onondaga				32	25	10	Hafting stem
Ploughzone	480-190	L28	3	PT - Primary thinning flake	Onondaga							
Ploughzone	480-190	L25	16	SH Shatter/Distal Flake	Onondaga							
Ploughzone	480-190	L27	9	SK - Secondary knapping flake	Onondaga	Yes	1					
Ploughzone	480-190	L29	8	SR - Secondary retouch flake	Onondaga							
Ploughzone	480-190	L26	2	U - Unclassifiable	Onondaga	Yes	2					Chunks, battered
Ploughzone	481-184	L56	15	SH Shatter/Distal Flake	Onondaga	Yes	4					
Ploughzone	481-184	L55	5	SK - Secondary knapping flake	Onondaga							
Ploughzone	485-180	L259	2	SH Shatter/Distal Flake	Onondaga	Yes	1					
Ploughzone	485-185	L260	2	PT - Primary thinning flake	Onondaga							
Ploughzone	485-185	L261	10	SH Shatter/Distal Flake	Onondaga							
Ploughzone	485-185	L263	1	SH Shatter/Distal	Onondaga			Yes				Ret/util on 2 margins

Appendix Table 1: Site AfGt-135 (P1): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
				Flake								
Ploughzone	485-185	L264	1	SK - Secondary knapping flake	Onondaga							
Ploughzone	485-185	L262	2	SR - Secondary retouch flake	Onondaga							
Ploughzone	485-190	L40	1	B - Biface	Onondaga				55	51	22	Crude
Ploughzone	485-190	L41	1	B - Biface	Onondaga				55	48	19	Crude
Ploughzone	485-190	L44	51	SH Shatter/Distal Flake	Onondaga	Yes	7					
Ploughzone	485-190	L43	8	SK - Secondary knapping flake	Onondaga							
Ploughzone	485-190	L42	8	SR - Secondary retouch flake	Onondaga							
Ploughzone	485-195	L50	1	B - Biface	Onondaga				51	41	17	Crude
Ploughzone	485-195	L54	1	BF - Biface fragment	Onondaga					35	19	
Ploughzone	485-195	L52	1	BF - Biface fragment	Onondaga					36	20	
Ploughzone	485-195	L53	1	BF - Biface fragment	Onondaga					32	19	
Ploughzone	485-195	L51	1	BF - Biface fragment	Onondaga					37	9	
Ploughzone	485-195	L46	1	ES - End scraper	Onondaga				27	24	7	
Ploughzone	485-195	L45	34	SH Shatter/Distal Flake	Onondaga	Yes	3					
Ploughzone	485-195	L49	6	SK - Secondary knapping flake	Onondaga	Yes	2					
Ploughzone	485-195	L47	7	SR - Secondary retouch flake	Onondaga							
Ploughzone	485-195	L48	1	U - Unclassifiable	Onondaga							Chunk
Ploughzone	485-200	L60	7	SH Shatter/Distal Flake	Onondaga							
Ploughzone	485-200	L57	1	SR - Secondary	Onondaga							

Appendix Table 1: Site AfGt-135 (P1): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
				retouch flake								
Ploughzone	485-200	L58	2	U - Unclassifiable	Onondaga							Chunks
Ploughzone	490-176	L62	23	SH Shatter/Distal Flake	Onondaga	Yes	3					
Ploughzone	490-176	L63	2	SK - Secondary knapping flake	Onondaga	Yes	1					
Ploughzone	490-176	L61	1	SR - Secondary retouch flake	Onondaga							
Ploughzone	490-180	L265	1	PT - Primary thinning flake	Onondaga							
Ploughzone	490-180	L266	1	PT - Primary thinning flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	490-180	L267	17	SH Shatter/Distal Flake	Onondaga	Yes	2					
Ploughzone	490-180	L269	4	SK - Secondary knapping flake	Onondaga							
Ploughzone	490-180	L268	2	SR - Secondary retouch flake	Onondaga							
Ploughzone	490-185	L272	41	SH Shatter/Distal Flake	Onondaga	Yes	2					
Ploughzone	490-185	L274	1	SH Shatter/Distal Flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	490-185	L270	10	SK - Secondary knapping flake	Onondaga	Yes	1					
Ploughzone	490-185	L273	3	SR - Secondary retouch flake	Onondaga							
Ploughzone	490-185	L271	4	U - Unclassifiable	Onondaga	Yes	1					Chunks
Ploughzone	490-190	L64	1	B - Biface	Onondaga				49	39	11	Crude
Ploughzone	490-190	L65	1	ES - End scraper	Onondaga	Yes	1			20	6	Bit fragment
Ploughzone	490-190	L68	1	SH Shatter/Distal Flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	490-190	L69	46	SH Shatter/Distal Flake	Onondaga	Yes	2					

Appendix Table 1: Site AfGt-135 (P1): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
Ploughzone	490-190	L70	7	SK - Secondary knapping flake	Onondaga	Yes	2					
Ploughzone	490-190	L66	13	SR - Secondary retouch flake	Onondaga							
Ploughzone	490-190	L67	1	U - Unclassifiable	Onondaga							Chunk
Ploughzone	490-195	L37	1	B - Biface	Onondaga	Yes	1		55	46	26	Crude
Ploughzone	490-195	L38	1	B - Biface	Onondaga				44	33	11	Crude
Ploughzone	490-195	L30	64	SH Shatter/Distal Flake	Onondaga	Yes	6					
Ploughzone	490-195	L33	1	SH Shatter/Distal Flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	490-195	L34	1	SH Shatter/Distal Flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	490-195	L35	1	SH Shatter/Distal Flake	Selkirk							
Ploughzone	490-195	L32	10	SK - Secondary knapping flake	Onondaga							
Ploughzone	490-195	L31	8	SR - Secondary retouch flake	Onondaga							
Ploughzone	490-195	L36	8	U - Unclassifiable	Onondaga	Yes	1					Chunks
Ploughzone	490-195	L39	1	U - Unclassifiable	Onondaga			Yes				Chunk, ret/util on 2 margins
Ploughzone	490-200	L74	2	PT - Primary thinning flake	Onondaga							
Ploughzone	490-200	L71	17	SH Shatter/Distal Flake	Onondaga	Yes	2					
Ploughzone	490-200	L73	4	SK - Secondary knapping flake	Onondaga							
Ploughzone	490-200	L72	1	SR - Secondary retouch flake	Onondaga							
Ploughzone	490-200	L75	2	U - Unclassifiable	Onondaga							Chunks
Ploughzone	490-205	L287	13	SH Shatter/Distal Flake	Onondaga							

Appendix Table 1: Site AfGt-135 (P1): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
Ploughzone	490-205	L288	3	SK - Secondary knapping flake	Onondaga							
Ploughzone	495-180	L277	1	BF - Biface fragment	Onondaga						12	
Ploughzone	495-180	L275	5	SH Shatter/Distal Flake	Onondaga	Yes	1					
Ploughzone	495-180	L276	1	SR - Secondary retouch flake	Onondaga							
Ploughzone	495-185	L279	1	BF - Biface fragment	Onondaga						11	
Ploughzone	495-185	L280	11	SH Shatter/Distal Flake	Onondaga	Yes	3					
Ploughzone	495-185	L278	2	SK - Secondary knapping flake	Onondaga							
Ploughzone	495-190	L83	1	BF - Biface fragment	Onondaga						6	
Ploughzone	495-190	L84	1	ES - End scraper	Onondaga	Yes	1				4	Bit fragment
Ploughzone	495-190	L76	72	SH Shatter/Distal Flake	Onondaga	Yes	5					
Ploughzone	495-190	L81	1	SH Shatter/Distal Flake	Onondaga			Yes				Ret/util on 2 margins
Ploughzone	495-190	L82	1	SH Shatter/Distal Flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	495-190	L77	19	SK - Secondary knapping flake	Onondaga	Yes	2					
Ploughzone	495-190	L80	1	SK - Secondary knapping flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	495-190	L79	2	SR - Secondary retouch flake	Onondaga							
Ploughzone	495-190	L78	1	U - Unclassifiable	Onondaga							Chunk
Ploughzone	495-195	L91	1	PP - Projectile point	Onondaga				44	20	5	Early Archaic Bifurcate Base, double side notching 1 side

Appendix Table 1: Site AfGt-135 (P1): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
Ploughzone	495-195	L95	4	PT - Primary thinning flake	Onondaga							
Ploughzone	495-195	L98	63	SH Shatter/Distal Flake	Onondaga	Yes	7					
Ploughzone	495-195	L92	1	SK - Secondary knapping flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	495-195	L93	1	SK - Secondary knapping flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	495-195	L97	13	SK - Secondary knapping flake	Onondaga	Yes	1					
Ploughzone	495-195	L94	1	SR - Secondary retouch flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	495-195	L96	5	SR - Secondary retouch flake	Onondaga							
Ploughzone	495-200	L85	20	SH Shatter/Distal Flake	Onondaga	Yes	6					
Ploughzone	495-200	L88	1	SH Shatter/Distal Flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	495-200	L89	1	SH Shatter/Distal Flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	495-200	L86	3	SK - Secondary knapping flake	Onondaga							
Ploughzone	495-200	L90	7	SR - Secondary retouch flake	Onondaga							
Ploughzone	495-205	L101	1	C - Core fragment	Onondaga							Random
Ploughzone	495-205	L99	24	SH Shatter/Distal Flake	Onondaga	Yes	4					
Ploughzone	495-205	L103	1	SH Shatter/Distal Flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	495-205	L100	3	SK - Secondary knapping flake	Onondaga							
Ploughzone	495-205	L102	1	SK - Secondary knapping flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	495-210	L104	1	C - Core fragment	Onondaga							Random

Appendix Table 1: Site AfGt-135 (P1): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
Ploughzone	495-210	L105	4	SH Shatter/Distal Flake	Onondaga							
Ploughzone	495-220	L106	10	SH Shatter/Distal Flake	Onondaga	Yes	1					
Ploughzone	495-220	L107	2	SK - Secondary knapping flake	Onondaga							
Ploughzone	495-225	L108	9	SH Shatter/Distal Flake	Onondaga	Yes	3					
Ploughzone	495-225	L109	3	SK - Secondary knapping flake	Onondaga							
Ploughzone	495-225	L110	2	SR - Secondary retouch flake	Onondaga							
Ploughzone	500-185	L111	1	SH Shatter/Distal Flake	Onondaga							
Ploughzone	500-190	L284	28	SH Shatter/Distal Flake	Onondaga	Yes	7					
Ploughzone	500-190	L285	1	SH Shatter/Distal Flake	Onondaga			Yes				Ret/util on 2 margins
Ploughzone	500-190	L283	10	SK - Secondary knapping flake	Onondaga							
Ploughzone	500-190	L286	1	SK - Secondary knapping flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	500-190	L281	3	SR - Secondary retouch flake	Onondaga							
Ploughzone	500-190	L282	7	U - Unclassifiable	Onondaga							Chunks
Ploughzone	500-195	L112	43	SH Shatter/Distal Flake	Onondaga	Yes	4					
Ploughzone	500-195	L114	11	SK - Secondary knapping flake	Onondaga	Yes	1					
Ploughzone	500-195	L113	8	SR - Secondary retouch flake	Onondaga							
Ploughzone	500-200	L115	1	BF - Biface fragment	Onondaga						15	
Ploughzone	500-200	L116	1	BF - Biface	Onondaga				58	32	15	

Appendix Table 1: Site AfGt-135 (P1): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
				fragment								
Ploughzone	500-200	L123	2	PT - Primary thinning flake	Onondaga							
Ploughzone	500-200	L117	1	SH Shatter/Distal Flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	500-200	L131	18	SH Shatter/Distal Flake	Onondaga	Yes	2					
Ploughzone	500-200	L119	6	SK - Secondary knapping flake	Onondaga	Yes	1					
Ploughzone	500-200	L118	2	SR - Secondary retouch flake	Onondaga							
Ploughzone	500-205	L126	1	BF - Biface fragment	Onondaga					36	18	Crude
Ploughzone	500-205	L121	1	PP - Projectile point	Onondaga				32	20	5	Levanna
Ploughzone	500-205	L122	8	SH Shatter/Distal Flake	Onondaga							
Ploughzone	500-205	L124	3	SK - Secondary knapping flake	Onondaga							
Ploughzone	500-205	L125	2	SR - Secondary retouch flake	Onondaga							
Ploughzone	500-220	L137	1	PPf - Projectile point fragment	Onondaga					20	4	Middleport Side-Notched base
Ploughzone	500-220	L134	1	SH Shatter/Distal Flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	500-220	L135	1	SH Shatter/Distal Flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	500-220	L136	1	SH Shatter/Distal Flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	500-220	L133	3	SK - Secondary knapping flake	Onondaga							
Ploughzone	500-220	L132	3	SR - Secondary retouch flake	Onondaga							
Ploughzone	500-225	L127	25	SH Shatter/Distal	Onondaga	Yes	3					

Appendix Table 1: Site AfGt-135 (P1): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
				Flake								
Ploughzone	500-225	L130	1	SH Shatter/Distal Flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	500-225	L128	3	SK - Secondary knapping flake	Onondaga	Yes	1					
Ploughzone	500-225	L129	2	SR - Secondary retouch flake	Onondaga							
Ploughzone	500-235	L139	3	SH Shatter/Distal Flake	Onondaga	Yes	1					
Ploughzone	500-235	L138	1	SR - Secondary retouch flake	Onondaga							
Ploughzone	505-185	L141	3	SH Shatter/Distal Flake	Onondaga	Yes	1					
Ploughzone	505-185	L140	1	SK - Secondary knapping flake	Onondaga			Yes	50	29	8	Crude drill. Unifacial retouch 2 opposing margins
Ploughzone	505-185	L142	3	SK - Secondary knapping flake	Onondaga							
Ploughzone	505-190	L143	1	BF - Biface fragment	Onondaga				49	31	12	Crude
Ploughzone	505-190	L148	2	C - Core fragment	Onondaga							2 random cores
Ploughzone	505-190	L149	1	C - Core fragment	Onondaga							Bipolar core
Ploughzone	505-190	L144	1	ES - End scraper	Onondaga			Yes	36	26	14	Crude end scraper
Ploughzone	505-190	L146	1	SH Shatter/Distal Flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	505-190	L147	82	SH Shatter/Distal Flake	Onondaga	Yes	6					
Ploughzone	505-190	L150	12	SK - Secondary knapping flake	Onondaga	Yes	1					
Ploughzone	505-190	L151	13	SR - Secondary retouch flake	Onondaga	Yes	1					
Ploughzone	505-190	L145	1	U - Unclassifiable	Onondaga			Yes				Chunk. Ret/util on 1 margin

Appendix Table 1: Site AfGt-135 (P1): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
Ploughzone	505-195	L152	1	BF - Biface fragment	Onondaga					44	10	Crude
Ploughzone	505-195	L156	59	SH Shatter/Distal Flake	Onondaga	Yes	11					
Ploughzone	505-195	L157	1	SH Shatter/Distal Flake	Onondaga			Yes				Ret/util on 1 lateral and 1 distal margin
Ploughzone	505-195	L154	10	SK - Secondary knapping flake	Onondaga	Yes	1					
Ploughzone	505-195	L158	1	SK - Secondary knapping flake	Onondaga			Yes				Ret/util on 1 concave margin
Ploughzone	505-195	L155	8	SR - Secondary retouch flake	Onondaga							
Ploughzone	505-195	L153	8	U - Unclassifiable	Onondaga	Yes	1					Chunks
Ploughzone	505-200	L159	9	SH Shatter/Distal Flake	Onondaga							
Ploughzone	505-200	L162	1	SH Shatter/Distal Flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	505-200	L161	2	SK - Secondary knapping flake	Onondaga							
Ploughzone	505-200	L160	2	SR - Secondary retouch flake	Onondaga							
Ploughzone	505-220	L163	32	SH Shatter/Distal Flake	Onondaga	Yes	1					
Ploughzone	505-220	L167	1	SH Shatter/Distal Flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	505-220	L168	1	SH Shatter/Distal Flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	505-220	L169	1	SH Shatter/Distal Flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	505-220	L170	1	SH Shatter/Distal Flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	505-220	L164	6	SK - Secondary knapping flake	Onondaga							

Appendix Table 1: Site AfGt-135 (P1): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
Ploughzone	505-220	L166	1	SK - Secondary knapping flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	505-220	L165	4	SR - Secondary retouch flake	Onondaga							
Ploughzone	505-230	L173	5	SK - Secondary knapping flake	Onondaga							
Ploughzone	505-230	L171	29	SH Shatter/Distal Flake	Onondaga	Yes	8					
Ploughzone	505-230	L172	6	SR - Secondary retouch flake	Onondaga							
Ploughzone	505-240	L176	1	PR - Primary reduction flake	Onondaga							
Ploughzone	505-240	L174	8	SH Shatter/Distal Flake	Onondaga	Yes	2					
Ploughzone	505-240	L177	1	SH Shatter/Distal Flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	505-240	L175	1	SR - Secondary retouch flake	Onondaga							
Ploughzone	509-180	L178	12	SH Shatter/Distal Flake	Onondaga	Yes	1					
Ploughzone	509-180	L181	1	SH Shatter/Distal Flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	509-180	L179	2	SK - Secondary knapping flake	Onondaga							
Ploughzone	509-180	L180	1	SR - Secondary retouch flake	Onondaga							
Ploughzone	510-185	L190	1	BF - Biface fragment	Onondaga	Yes	1			27	7	
Ploughzone	510-185	L186	1	PR - Primary reduction flake	Onondaga							
Ploughzone	510-185	L185	1	PT - Primary thinning flake	Onondaga							
Ploughzone	510-185	L182	66	SH Shatter/Distal Flake	Onondaga	Yes	16					

Appendix Table 1: Site AfGt-135 (P1): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
Ploughzone	510-185	L187	1	SH Shatter/Distal Flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	510-185	L188	1	SH Shatter/Distal Flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	510-185	L183	17	SK - Secondary knapping flake	Onondaga							
Ploughzone	510-185	L189	1	SK - Secondary knapping flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	510-185	L184	9	SR - Secondary retouch flake	Onondaga							
Ploughzone	510-190	L194	1	PT - Primary thinning flake	Onondaga							
Ploughzone	510-190	L191	76	SH Shatter/Distal Flake	Onondaga	Yes	15					
Ploughzone	510-190	L195	1	SH Shatter/Distal Flake	Onondaga			Yes				Ret/util on 2 margins
Ploughzone	510-190	L192	18	SK - Secondary knapping flake	Onondaga	Yes	2					
Ploughzone	510-190	L193	3	SR - Secondary retouch flake	Onondaga							
Ploughzone	510-195	L196	1	B - Biface	Onondaga				58	52	25	Crude
Ploughzone	510-195	L197	1	PT - Primary thinning flake	Onondaga							
Ploughzone	510-195	L199	30	SH Shatter/Distal Flake	Onondaga	Yes	4					
Ploughzone	510-195	L198	3	SK - Secondary knapping flake	Onondaga							
Ploughzone	510-200	L201	1	SH Shatter/Distal Flake	Onondaga							
Ploughzone	510-200	L200	2	SK - Secondary knapping flake	Onondaga	Yes	1					
Ploughzone	510-200	L202	1	SR - Secondary retouch flake	Onondaga							
Ploughzone	510-205	L204	4	SH Shatter/Distal	Onondaga	Yes	2					

Appendix Table 1: Site AfGt-135 (P1): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
				Flake								
Ploughzone	510-205	L203	1	SK - Secondary knapping flake	Onondaga							
Ploughzone	510-210	L207	1	PP - Projectile point	Onondaga				30	14	3	Flake point. Innes-like
Ploughzone	510-210	L205	7	SH Shatter/Distal Flake	Onondaga	Yes	1					
Ploughzone	510-210	L206	1	SR - Secondary retouch flake	Onondaga							
Ploughzone	510-220	L212	1	BF - Biface fragment	Onondaga						3	Tiny base? fragment
Ploughzone	510-220	L209	23	SH Shatter/Distal Flake	Onondaga	Yes	1					
Ploughzone	510-220	L210	10	SK - Secondary knapping flake	Onondaga							
Ploughzone	510-220	L211	1	SK - Secondary knapping flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	510-220	L208	2	SR - Secondary retouch flake	Onondaga							
Ploughzone	510-230	L228	1	BF - Biface fragment	Onondaga	Yes	1				9	Refined base, possible stemmed point?
Ploughzone	510-230	L223	15	SH Shatter/Distal Flake	Onondaga	Yes	1					
Ploughzone	510-230	L227	1	SH Shatter/Distal Flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	510-230	L224	2	SK - Secondary knapping flake	Onondaga							
Ploughzone	510-230	L226	1	SR - Secondary retouch flake	Onondaga							
Ploughzone	510-230	L225	1	U - Unclassifiable	Onondaga							Chunk
Ploughzone	510-240	L214	2	SH Shatter/Distal Flake	Onondaga	Yes	1					
Ploughzone	510-240	L213	1	SK - Secondary	Onondaga							

Appendix Table 1: Site AfGt-135 (P1): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
				knapping flake								
Ploughzone	514-215	L215	1	PPf - Projectile point fragment	Onondaga					25	4	Levanna base
Ploughzone	514-215	L218	10	SH Shatter/Distal Flake	Onondaga	Yes	1					
Ploughzone	514-215	L217	3	SK - Secondary knapping flake	Onondaga	Yes	1					
Ploughzone	514-215	L216	5	SR - Secondary retouch flake	Onondaga							
Ploughzone	515-181	L220	24	SH Shatter/Distal Flake	Onondaga	Yes	6					
Ploughzone	515-181	L221	5	SK - Secondary knapping flake	Onondaga	Yes	1					
Ploughzone	515-181	L222	1	SK - Secondary knapping flake	Onondaga			Yes				Ret/util on 2 margins
Ploughzone	515-181	L219	1	SR - Secondary retouch flake	Onondaga							
Ploughzone	515-185	L229	1	C - Core fragment	Onondaga							Bipolar core
Ploughzone	515-185	L230	23	SH Shatter/Distal Flake	Onondaga	Yes	1					
Ploughzone	515-185	L231	10	SK - Secondary knapping flake	Onondaga							
Ploughzone	515-185	L232	3	SR - Secondary retouch flake	Onondaga							
Ploughzone	515-190	L234	21	SH Shatter/Distal Flake	Onondaga	Yes	2					
Ploughzone	515-190	L233	1	SK - Secondary knapping flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	515-190	L235	7	SK - Secondary knapping flake	Onondaga							
Ploughzone	515-190	L236	2	SR - Secondary retouch flake	Onondaga							
Ploughzone	515-195	L237	4	SH Shatter/Distal Flake	Onondaga	Yes	1					

Appendix Table 1: Site AfGt-135 (P1): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
Ploughzone	515-195	L238	1	SK - Secondary knapping flake	Onondaga							
Ploughzone	515-220	L243	19	SH Shatter/Distal Flake	Onondaga							
Ploughzone	515-220	L244	6	SK - Secondary knapping flake	Onondaga							
Ploughzone	515-230	L250	9	SH Shatter/Distal Flake	Onondaga							
Ploughzone	515-230	L251	2	SK - Secondary knapping flake	Onondaga							
Ploughzone	520-185	L247	1	PT - Primary thinning flake	Onondaga							
Ploughzone	520-185	L245	11	SH Shatter/Distal Flake	Onondaga	Yes	2					
Ploughzone	520-185	L249	1	SH Shatter/Distal Flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	520-185	L248	1	SK - Secondary knapping flake	Onondaga							
Ploughzone	520-185	L246	4	SR - Secondary retouch flake	Onondaga							
Ploughzone	520-190	L252	14	SH Shatter/Distal Flake	Onondaga	Yes	4					
Ploughzone	520-190	L253	4	SK - Secondary knapping flake	Onondaga							
Ploughzone	520-190	L254	3	SR - Secondary retouch flake	Onondaga							
Ploughzone	520-220	L255	16	SH Shatter/Distal Flake	Onondaga	Yes	3					
Ploughzone	520-220	L256	2	SK - Secondary knapping flake	Onondaga							
Ploughzone	520-220	L258	1	SK - Secondary knapping flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	520-220	L257	1	SR - Secondary retouch flake	Onondaga							

Appendix Table 2: Site AfGt-135 (P1): Groundstone Artifacts

Layer	Unit	Cat	No	Type	Material	Complete	L	W	T	Comments
Ploughzone	485-190	G1	1	Hammer	Sandstone	Yes	69	50	40	Concentrated pecking 2 opposing ends

Appendix Table 3: Site AfGt-136 (P2): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
Controlled Surface Collection	From 500-200	L1	1	PR - Primary reduction flake	Onondaga							
Controlled Surface Collection	From 500-200	L2	5	PT - Primary thinning flake	Onondaga							
Controlled Surface Collection	From 500-200	L3	4	SK - Secondary knapping flake	Onondaga							
Controlled Surface Collection	From 500-200	L4	1	SK - Secondary knapping flake	Onondaga			Yes				Ret/util on 1 margin
Controlled Surface Collection	From 500-200	L6	1	B - Biface	Onondaga				85	62	30	Crude
Controlled Surface Collection	From 500-200	L7	1	C - Core fragment	Onondaga							Random core
Ploughzone	490-190	L8	2	SK - Secondary knapping flake	Onondaga							
Ploughzone	490-190	L9	1	SR - Secondary retouch flake	Onondaga							
Ploughzone	490-190	L10	5	SH Shatter/Distal Flake	Onondaga							
Ploughzone	490-200	L11	4	SH Shatter/Distal Flake	Onondaga	Yes	1					
Ploughzone	490-200	L12	1	BF - Biface fragment	Onondaga					23	6	Mid section

Appendix Table 3: Site AfGt-136 (P2): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
Ploughzone	490-205	L13	6	SH Shatter/Distal Flake	Onondaga							
Ploughzone	495-190	L14	4	SH Shatter/Distal Flake	Onondaga							
Ploughzone	495-190	L15	1	SH Shatter/Distal Flake	Onondaga	Yes	1	Yes				Unifacial bipolar and percussion flaking 3 margins
Ploughzone	495-200	L16	1	SK - Secondary knapping flake	Onondaga							
Ploughzone	495-200	L17	8	SH Shatter/Distal Flake	Onondaga							
Ploughzone	495-205	L18	11	SH Shatter/Distal Flake	Onondaga	Yes	1					
Ploughzone	495-205	L19	1	C - Core fragment	Onondaga							Random core
Ploughzone	495-205	L94	1	SH Shatter/Distal Flake	Onondaga			Yes				Ret/util on 1 margin. Expedient scraper
Ploughzone	500-195	L20	2	SK - Secondary knapping flake	Onondaga							
Ploughzone	500-195	L21	8	SH Shatter/Distal Flake	Onondaga	Yes	1					
Ploughzone	500-210	L22	2	SK - Secondary knapping flake	Onondaga							
Ploughzone	500-210	L23	6	SH Shatter/Distal Flake	Onondaga							
Ploughzone	500-210	L24	1	SR - Secondary retouch flake	Onondaga							
Ploughzone	500-200	L25	2	SK - Secondary knapping flake	Onondaga							
Ploughzone	500-200	L26	1	SK - Secondary knapping flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	500-200	L27	20	SH Shatter/Distal Flake	Onondaga	Yes	1					
Ploughzone	500-205	L28	3	SK - Secondary knapping flake	Onondaga							

Appendix Table 3: Site AfGt-136 (P2): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
Ploughzone	500-205	L29	3	SK - Secondary knapping flake	Onondaga			Yes				Ret/util on 2 opposing margins
Ploughzone	500-205	L30	24	SH Shatter/Distal Flake	Onondaga	Yes	4					
Ploughzone	500-205	L31	1	SR - Secondary retouch flake	Onondaga							
Ploughzone	505-190	L32	1	SK - Secondary knapping flake	Onondaga							
Ploughzone	505-190	L33	2	SH Shatter/Distal Flake	Onondaga							
Ploughzone	505-190	L34	1	B - Biface	Onondaga				42	34	13	Crude
Ploughzone	505-195	L35	1	PR - Primary reduction flake	Onondaga							
Ploughzone	505-195	L36	1	PT - Primary thinning flake	Onondaga							
Ploughzone	505-195	L37	21	SH Shatter/Distal Flake	Onondaga	Yes	2					
Ploughzone	505-200	L38	1	PT - Primary thinning flake	Onondaga							
Ploughzone	505-200	L39	1	PT - Primary thinning flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	505-200	L40	4	SK - Secondary knapping flake	Onondaga							
Ploughzone	505-200	L41	4	SK - Secondary knapping flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	505-200	L42	1	SR - Secondary retouch flake	Onondaga							
Ploughzone	505-200	L43	53	SH Shatter/Distal Flake	Onondaga	Yes	2					
Ploughzone	505-200	L44	1	SH Shatter/Distal Flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	505-200	L45	1	BF - Biface fragment	Onondaga					29	8	Refined base, mid section
Ploughzone	505-205	L46	1	SK - Secondary	Onondaga							

Appendix Table 3: Site AfGt-136 (P2): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
				knapping flake								
Ploughzone	505-205	L47	18	SH Shatter/Distal Flake	Onondaga	Yes	3					
Ploughzone	505-210	L48	3	SK - Secondary knapping flake	Onondaga							
Ploughzone	505-210	L49	1	SR - Secondary retouch flake	Onondaga							
Ploughzone	505-210	L50	18	SH Shatter/Distal Flake	Onondaga	Yes	1					
Ploughzone	505-210	L51	1	SH Shatter/Distal Flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	505-215	L52	1	SK - Secondary knapping flake	Onondaga							
Ploughzone	505-215	L53	4	SH Shatter/Distal Flake	Onondaga							
Ploughzone	506-200	L54	1	PT - Primary thinning flake	Onondaga							
Ploughzone	506-200	L55	1	PT - Primary thinning flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	506-200	L56	3	SK - Secondary knapping flake	Onondaga							
Ploughzone	506-200	L57	3	SR - Secondary retouch flake	Onondaga							
Ploughzone	506-200	L58	24	SH Shatter/Distal Flake	Onondaga							
Ploughzone	506-200	L59	1	SH Shatter/Distal Flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	509-200	L60	8	SK - Secondary knapping flake	Onondaga							
Ploughzone	509-200	L61	1	PT - Primary thinning flake	Onondaga							
Ploughzone	509-200	L62	31	SH Shatter/Distal Flake	Onondaga	Yes	2					
Ploughzone	509-200	L63	1	SH Shatter/Distal	Onondaga			Yes				Ret/util on 1 margin

Appendix Table 3: Site AfGt-136 (P2): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
				Flake								
Ploughzone	509-200	L64	1	SH Shatter/Distal Flake	Onondaga							Ret/util on 1 margin
Ploughzone	509-200	L65	1	SH Shatter/Distal Flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	509-200	L66	1	BF - Biface fragment	Onondaga						9	Longitudinal fragment
Ploughzone	510-185	L67	5	SH Shatter/Distal Flake	Onondaga							
Ploughzone	510-190	L68	1	SK - Secondary knapping flake	Onondaga							
Ploughzone	510-190	L69	18	SH Shatter/Distal Flake	Onondaga	Yes	4					
Ploughzone	510-190	L70	1	BF - Biface fragment	Onondaga						15	Edge bite fragment
Ploughzone	510-195	L71	4	PT - Primary thinning flake	Onondaga							
Ploughzone	510-195	L72	1	PT - Primary thinning flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	510-195	L73	6	SK - Secondary knapping flake	Onondaga							
Ploughzone	510-195	L74	1	SK - Secondary knapping flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	510-195	L75	1	SK - Secondary knapping flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	510-195	L76	4	SR - Secondary retouch flake	Onondaga							
Ploughzone	510-195	L77	30	SH Shatter/Distal Flake	Onondaga	Yes	2					
Ploughzone	510-200	L78	1	PT - Primary thinning flake	Onondaga							
Ploughzone	510-200	L79	4	SK - Secondary knapping flake	Onondaga							
Ploughzone	510-200	L80	45	SH Shatter/Distal	Onondaga							

Appendix Table 3: Site AfGt-136 (P2): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
				Flake								
Ploughzone	510-205	L81	2	SR - Secondary retouch flake	Onondaga							
Ploughzone	510-205	L82	8	SH Shatter/Distal Flake	Onondaga							
Ploughzone	510-210	L83	2	SK - Secondary knapping flake	Onondaga							
Ploughzone	510-210	L84	5	SH Shatter/Distal Flake	Onondaga							
Ploughzone	515-190	L85	4	SH Shatter/Distal Flake	Onondaga							
Ploughzone	515-195	L86	1	PT - Primary thinning flake	Onondaga							
Ploughzone	515-195	L87	1	PT - Primary thinning flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	515-195	L88	1	SK - Secondary knapping flake	Onondaga							
Ploughzone	515-195	L89	1	SR - Secondary retouch flake	Onondaga							
Ploughzone	515-195	L90	13	SH Shatter/Distal Flake	Onondaga	Yes	1					
Ploughzone	515-200	L91	1	BF - Biface fragment	Onondaga						4	Edge bite fragment
Ploughzone	515-200	L92	2	SH Shatter/Distal Flake	Onondaga							
Ploughzone	520-195	L93	3	SH Shatter/Distal Flake	Onondaga							

Appendix Table 4: Site AfGt-139 (P5): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments

Appendix Table 4: Site AfGt-139 (P5): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
Controlled Surface Collection	From 500-200	L1	1	B - Biface	Onondaga				72	44	12	Crude
Controlled Surface Collection	From 500-200	L3	2	SK - Secondary knapping flake	Onondaga							
Controlled Surface Collection	500-200	L2	1	PT - Primary thinning flake	Onondaga							
Controlled Surface Collection	From 500-200	L4	1	SH Shatter/Distal Flake	Onondaga							
Controlled Surface Collection	From 500-200	L5	1	C - Core fragment	Onondaga							Random core, 1 blade-like flake removed
Controlled Surface Collection	From 500-200	L6	3	U - Unclassifiable	Onondaga							Chunks

Appendix Table 5: Site AfGt-141 (P7): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
Controlled Surface Collection	From 500-200	L1	6	U - Unclassifiable	Onondaga							Chunks
Controlled Surface Collection	From 500-200	L2	9	PT - Primary thinning flake	Onondaga							
Controlled Surface Collection	From 500-200	L3	17	SK - Secondary knapping flake	Onondaga	Yes	1					
Controlled Surface Collection	From 500-	L4	1	BiC - Bipolar core	Onondaga	Yes	1					

Appendix Table 5: Site AfGt-141 (P7): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
Controlled Surface Collection	200 From 500-200	L10	1	BF - Biface fragment	Onondaga			Yes				Ret/util on 1 margin
Controlled Surface Collection	From 500-200	L8	1	B - Biface	Onondaga					60	46	2 flakes removed on opposing sides
Controlled Surface Collection	From 500-200	L7	1	B - Biface	Onondaga				72	60	14	Crude
Controlled Surface Collection	From 500-200	L9	1	BF - Biface fragment	Onondaga						8	
Controlled Surface Collection	From 500-200	L5	1	PPf - Projectile point fragment	Onondaga					24	5	Middleport Side Notched Base
Controlled Surface Collection	From 500-200	L6	1	PPf - Projectile point fragment	Onondaga						3	Tip
Collection Surface Collection	From 500-200	L11	20	SH Shatter/Distal Flake	Onondaga	Yes	8					
Ploughzone	425-240	L12	2	SK - Secondary knapping flake	Onondaga							
Ploughzone	425-240	L13	1	SH Shatter/Distal Flake	Onondaga							
Ploughzone	430-235	L14	2	SH Shatter/Distal Flake	Onondaga	Yes	1					
Ploughzone	430-235	L15	2	SK - Secondary knapping flake	Onondaga							
Ploughzone	430-235	L16	2	SR - Secondary retouch flake	Onondaga	Yes	1					

Appendix Table 5: Site AfGt-141 (P7): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
Ploughzone	430-240	L17	1	PP - Projectile point	Onondaga				39	27	6	Extreme tip missing. Unusual base shape. Brewerton Side-Notched
Ploughzone	430-240	L18	4	SH Shatter/Distal Flake	Onondaga	Yes	1					
Ploughzone	430-240	L19	1	SK - Secondary knapping flake	Onondaga							
Ploughzone	430-245	L23	9	SH Shatter/Distal Flake	Onondaga							
Ploughzone	435-240	L20	1	SK - Secondary knapping flake	Onondaga							
Ploughzone	435-240	L21	7	SH Shatter/Distal Flake	Onondaga	Yes	1					

Appendix Table 6: Site AfGt-142 (P8): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
Ploughzone	500-195	L1	1	SR - Secondary retouch flake	Onondaga							
Ploughzone	500-200	L2	1	SR - Secondary retouch flake	Onondaga							
Ploughzone	500-200	L3	1	SH Shatter/Distal Flake	Onondaga							
Ploughzone	505-200	L4	4	SH Shatter/Distal Flake	Onondaga	Yes	1					
Ploughzone	505-200	L5	1	SK - Secondary knapping flake	Onondaga							

Appendix Table 7: McIntyre-Evans Site (AfGt-90) (P10), AfGt-138 (P4) and AfGt-140 (P6): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
Controlled Surface Collection	From 500-200	L52		1 B - Biface	Onondaga				61	49	21	Crude
Controlled Surface Collection	From 500-200	L41		1 BF - Biface fragment	Onondaga					44	18	Crude base
Controlled Surface Collection	From 500-200	L42		1 BF - Biface fragment	Onondaga				75		19	Crude fragment
Controlled Surface Collection	From 500-200	L43		1 BF - Biface fragment	Onondaga				51		11	Crude fragment
Controlled Surface Collection	From 500-200	L44		1 BF - Biface fragment	Onondaga					54	15	Refined base
Controlled Surface Collection	From 500-200	L45		1 BF - Biface fragment	Onondaga					24	13	Refined fragment
Controlled Surface Collection	From 500-200	L46		1 BF - Biface fragment	Onondaga					40	19	Crude base
Controlled Surface Collection	From 500-200	L47		1 BF - Biface fragment	Onondaga					38	12	Crude fragment
Controlled Surface Collection	From 500-200	L48		1 BF - Biface fragment	Onondaga				52		18	Crude
Controlled Surface Collection	From 500-200	L49		1 BF - Biface fragment	Onondaga					43	16	Refined base

Appendix Table 7: McIntyre-Evans Site (AfGt-90) (P10), AfGt-138 (P4) and AfGt-140 (P6): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
Controlled Surface Collection	From 500-200	L50	1	BF - Biface fragment	Onondaga	Yes		1			10	Refined base
Controlled Surface Collection	From 500-200	L51	1	BF - Biface fragment	Onondaga				60		16	Crude
Controlled Surface Collection	From 500-200	L53	1	BF - Biface fragment	Onondaga						14	Crude
Controlled Surface Collection	From 500-200	L54	1	BF - Biface fragment	Onondaga						11	Crude
Controlled Surface Collection	From 500-200	L55	1	BF - Biface fragment	Onondaga						20	Crude
Controlled Surface Collection	From 500-200	L56	1	BF - Biface fragment	Onondaga						14	Crude
Controlled Surface Collection	From 500-200	L57	1	BF - Biface fragment	Onondaga				68		17	Crude
Controlled Surface Collection	From 500-200	L58	1	BF - Biface fragment	Onondaga					35	16	Crude
Controlled Surface Collection	From 500-200	L59	1	BF - Biface fragment	Onondaga					43	11	Refined base
Controlled Surface Collection	From 500-200	L60	1	BF - Biface fragment	Onondaga						12	Crude

Appendix Table 7: McIntyre-Evans Site (AfGt-90) (P10), AfGt-138 (P4) and AfGt-140 (P6): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
Controlled Surface Collection	From 500-200	L61	1	BF - Biface fragment	Onondaga					38	8	Refined tip and mid-section
Controlled Surface Collection	From 500-200	L62	1	BF - Biface fragment	Onondaga						13	Crude
Controlled Surface Collection	From 500-200	L63	1	BF - Biface fragment	Onondaga						8	Refined base
Controlled Surface Collection	From 500-200	L64	1	BF - Biface fragment	Onondaga						14	Crude
Controlled Surface Collection	From 500-200	L65	1	BF - Biface fragment	Onondaga						10	Crude tip
Controlled Surface Collection	From 500-200	L66	1	BF - Biface fragment	Onondaga						8	Crude
Controlled Surface Collection	From 500-200	L67	1	BF - Biface fragment	Onondaga						9	Crude edge fragment
Controlled Surface Collection	From 500-200	L68	1	BF - Biface fragment	Onondaga						13	Crude edge fragment
Controlled Surface Collection	From 500-200	L69	1	BF - Biface fragment	Onondaga					50	15	Crude tip and mid-section
Controlled Surface Collection	From 500-200	L70	1	BF - Biface fragment	Onondaga					35	9	Refined base and mid-section

Appendix Table 7: McIntyre-Evans Site (AfGt-90) (P10), AfGt-138 (P4) and AfGt-140 (P6): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
Controlled Surface Collection	From 500-200	L71	1	BF - Biface fragment	Onondaga					22	6	Refined tip
Controlled Surface Collection	From 500-200	L72	1	BF - Biface fragment	Onondaga					27	5	Refined tip
Controlled Surface Collection	From 500-200	L39	10	C - Core fragment	Onondaga							Random cores
Controlled Surface Collection	From 500-200	L34	19	PR - Primary reduction flake	Onondaga	Yes	3					
Controlled Surface Collection	From 500-200	L35	73	PT - Primary thinning flake	Onondaga	Yes	6					
Controlled Surface Collection	From 500-200	L74	1	PT - Primary thinning flake	Onondaga			Yes				Ret/util on 3 margins
Controlled Surface Collection	From 500-200	L75	1	PT - Primary thinning flake	Onondaga			Yes				Ret/util on 3 margins
Controlled Surface Collection	From 500-200	L78	1	PT - Primary thinning flake	Onondaga			Yes				Ret/util on 1 margin
Controlled Surface Collection	From 500-200	L80	1	PT - Primary thinning flake	Onondaga			Yes				Alt unifac ret/util. Exped drill
Controlled Surface Collection	From 500-200	L81	1	S - Scraper	Onondaga				34	27	8	End and Side Scraper

Appendix Table 7: McIntyre-Evans Site (AfGt-90) (P10), AfGt-138 (P4) and AfGt-140 (P6): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
Controlled Surface Collection	From 500-200	L38	746	SH Shatter/Distal Flake	Onondaga	Yes	92					
Controlled Surface Collection	From 500-200	L76	1	SH Shatter/Distal Flake	Onondaga							Ret/util on 1 margin
Controlled Surface Collection	From 500-200	L79	1	SH Shatter/Distal Flake	Onondaga			Yes				Ret/util on 1 margin
Controlled Surface Collection	From 500-200	L82	1	SH Shatter/Distal Flake	Onondaga			Yes				Ret/util on 1 margin
Controlled Surface Collection	From 500-200	L36	78	SK - Secondary knapping flake	Onondaga	Yes	4					
Controlled Surface Collection	From 500-200	L77	1	SK - Secondary knapping flake	Onondaga			Yes				Ret/util discontinuous on all margins
Controlled Surface Collection	From 500-200	L37	10	SR - Secondary retouch flake	Onondaga							
Controlled Surface Collection	From 500-200	L40	51	U - Unclassifiable	Onondaga							Chunks
Ploughzone	380-200	L87	14	SH Shatter/Distal Flake	Onondaga							
Ploughzone	380-200	L85	1	SK - Secondary knapping flake	Onondaga							
Ploughzone	380-200	L86	1	SR - Secondary retouch flake	Onondaga							
Ploughzone	390-190	L93	1	B - Biface	Onondaga				77	64	20	Crude

Appendix Table 7: McIntyre-Evans Site (AfGt-90) (P10), AfGt-138 (P4) and AfGt-140 (P6): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
Ploughzone	390-190	L94	1	PPf - Projectile point fragment	Onondaga					14	4	Middleport Side-Notched tip missing
Ploughzone	390-190	L88	1	PT - Primary thinning flake	Onondaga							
Ploughzone	390-190	L92	13	SH Shatter/Distal Flake	Onondaga	Yes		1				
Ploughzone	390-190	L89	6	SK - Secondary knapping flake	Onondaga							
Ploughzone	390-190	L90	1	SK - Secondary knapping flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	390-190	L91	1	SR - Secondary retouch flake	Onondaga							
Ploughzone	390-200	L97	21	SH Shatter/Distal Flake	Onondaga							
Ploughzone	390-200	L95	4	SK - Secondary knapping flake	Onondaga							
Ploughzone	390-200	L96	2	SR - Secondary retouch flake	Onondaga							
Ploughzone	400-170	L160	9	SH Shatter/Distal Flake	Onondaga							
Ploughzone	400-170	L159	1	SR - Secondary retouch flake	Onondaga							
Ploughzone	400-180	L164	1	B - Biface	Onondaga			Yes	46	42	24	1 margin crushed
Ploughzone	400-180	L163	5	SH Shatter/Distal Flake	Onondaga							
Ploughzone	400-180	L161	2	SK - Secondary knapping flake	Onondaga							
Ploughzone	400-180	L162	1	SR - Secondary retouch flake	Onondaga							
Ploughzone	400-190	L100	84	SH Shatter/Distal Flake	Onondaga	Yes		2				
Ploughzone	400-190	L101	1	SH Shatter/Distal Flake	Onondaga			Yes				Ret/util on 1 margin

Appendix Table 7: McIntyre-Evans Site (AfGt-90) (P10), AfGt-138 (P4) and AfGt-140 (P6): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
Ploughzone	400-190	L98	10	SK - Secondary knapping flake	Onondaga							
Ploughzone	400-190	L99	1	SR - Secondary retouch flake	Onondaga	Yes		1				
Ploughzone	400-200	L105	1	PPf - Projectile point fragment	Onondaga					27	4	Levanna, tip missing
Ploughzone	400-200	L104	82	SH Shatter/Distal Flake	Onondaga	Yes		3				
Ploughzone	400-200	L102	14	SK - Secondary knapping flake	Onondaga							
Ploughzone	400-200	L103	7	SR - Secondary retouch flake	Onondaga							
Ploughzone	400-210	L111	1	B - Biface	Onondaga				62	46	22	
Ploughzone	400-210	L106	1	PR - Primary reduction flake	Onondaga							
Ploughzone	400-210	L107	3	PT - Primary thinning flake	Onondaga							
Ploughzone	400-210	L110	54	SH Shatter/Distal Flake	Onondaga	Yes		3				
Ploughzone	400-210	L108	8	SK - Secondary knapping flake	Onondaga							
Ploughzone	400-210	L109	1	SR - Secondary retouch flake	Onondaga							
Ploughzone	400-220	L114	18	SH Shatter/Distal Flake	Onondaga							
Ploughzone	400-220	L112	4	SK - Secondary knapping flake	Onondaga							
Ploughzone	400-220	L113	1	SR - Secondary retouch flake	Onondaga							
Ploughzone	400-230	L115	5	SH Shatter/Distal Flake	Onondaga							
Ploughzone	410-165	L123	1	B - Biface	Onondaga				68	46	20	Crude
Ploughzone	410-165	L124	1	B - Biface	Onondaga				42	34	12	Crude

Appendix Table 7: McIntyre-Evans Site (AfGt-90) (P10), AfGt-138 (P4) and AfGt-140 (P6): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
Ploughzone	410-165	L125	1	BF - Biface fragment	Onondaga						11	
Ploughzone	410-165	L126	1	BF - Biface fragment	Onondaga						8	Refined base
Ploughzone	410-165	L122	1	C - Core fragment	Onondaga							Random core
Ploughzone	410-165	L116	2	PT - Primary thinning flake	Onondaga							
Ploughzone	410-165	L119	410	SH Shatter/Distal Flake	Onondaga	Yes	21					
Ploughzone	410-165	L121	1	SH Shatter/Distal Flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	410-165	L117	16	SK - Secondary knapping flake	Onondaga	Yes	1					
Ploughzone	410-165	L118	14	SR - Secondary retouch flake	Onondaga							
Ploughzone	410-172	L130	1	BF - Biface fragment	Onondaga						7	Crude
Ploughzone	410-172	L127	1	PT - Primary thinning flake	Onondaga							
Ploughzone	410-172	L129	30	SH Shatter/Distal Flake	Onondaga							
Ploughzone	410-172	L128	1	SR - Secondary retouch flake	Onondaga							
Ploughzone	410-180	L133	5	SH Shatter/Distal Flake	Onondaga							
Ploughzone	410-180	L131	2	SK - Secondary knapping flake	Onondaga							
Ploughzone	410-180	L132	1	SR - Secondary retouch flake	Onondaga							
Ploughzone	410-190	L138	1	B - Biface	Onondaga				78	56	24	Crude
Ploughzone	410-190	L137	1	BiC - Bipolar core	Onondaga				28	26	9	Wedge shaped
Ploughzone	410-190	L136	70	SH – Shatter	Onondaga	Yes	4					
Ploughzone	410-190	L134	7	SK - Secondary	Onondaga							

Appendix Table 7: McIntyre-Evans Site (AfGt-90) (P10), AfGt-138 (P4) and AfGt-140 (P6): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
				knapping flake								
Ploughzone	410-190	L135	5	SR - Secondary retouch flake	Onondaga							
Ploughzone	410-200	L139	2	PT - Primary thinning flake	Onondaga							
Ploughzone	410-200	L143	335	SH Shatter/Distal Flake	Onondaga	Yes	8					
Ploughzone	410-200	L140	34	SK - Secondary knapping flake	Onondaga							
Ploughzone	410-200	L141	1	SK - Secondary knapping flake	Onondaga			Yes				Ret/util on 2 opposing margins
Ploughzone	410-200	L142	16	SR - Secondary retouch flake	Onondaga							
Ploughzone	410-210	L146	91	SH Shatter/Distal Flake	Onondaga	Yes	4					
Ploughzone	410-210	L144	3	SK - Secondary knapping flake	Onondaga							
Ploughzone	410-210	L145	7	SR - Secondary retouch flake	Onondaga							
Ploughzone	410-220	L147	2	SH Shatter/Distal Flake	Onondaga							
Ploughzone	420-165	L156	1	B - Biface	Onondaga				90	65	27	Crude
Ploughzone	420-165	L157	1	BF - Biface fragment	Onondaga						5	Refined base
Ploughzone	420-165	L158	1	C - Core fragment	Onondaga							Random core
Ploughzone	420-165	L148	1	PR - Primary reduction flake	Onondaga							
Ploughzone	420-165	L149	4	PT - Primary thinning flake	Onondaga							
Ploughzone	420-165	L155	737	SH Shatter/Distal Flake	Onondaga	Yes	33					
Ploughzone	420-165	L150	15	SK - Secondary knapping flake	Onondaga							

Appendix Table 7: McIntyre-Evans Site (AfGt-90) (P10), AfGt-138 (P4) and AfGt-140 (P6): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
Ploughzone	420-165	L151	1	SK - Secondary knapping flake	Onondaga			Yes				Ret/util on 3 margins
Ploughzone	420-165	L152	1	SK - Secondary knapping flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	420-165	L153	1	SK - Secondary knapping flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	420-165	L154	11	SR - Secondary retouch flake	Onondaga							
Ploughzone	420-174	L165	1	PR - Primary reduction flake	Onondaga							
Ploughzone	420-174	L169	331	SH Shatter/Distal Flake	Onondaga	Yes	60					
Ploughzone	420-174	L166	9	SK - Secondary knapping flake	Onondaga							
Ploughzone	420-174	L168	1	SK - Secondary knapping flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	420-174	L167	10	SR - Secondary retouch flake	Onondaga							
Ploughzone	420-174	L170	1	U - Unclassifiable	Onondaga							Chunk
Ploughzone	420-180	L176	1	C - Core fragment	Onondaga							Random core
Ploughzone	420-180	L177	1	PP - Projectile point	Selkirk				45	24	7	Innes
Ploughzone	420-180	L171	2	PR - Primary reduction flake	Onondaga							
Ploughzone	420-180	L172	1	PT - Primary thinning flake	Onondaga							
Ploughzone	420-180	L175	373	SH Shatter/Distal Flake	Onondaga	Yes	65					
Ploughzone	420-180	L173	28	SK - Secondary knapping flake	Onondaga	Yes	1					
Ploughzone	420-180	L174	4	SR - Secondary retouch flake	Onondaga							
Ploughzone	420-190	L179	65	SH Shatter/Distal Flake	Onondaga							

Appendix Table 7: McIntyre-Evans Site (AfGt-90) (P10), AfGt-138 (P4) and AfGt-140 (P6): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
Ploughzone	420-190	L178	6	SK - Secondary knapping flake	Onondaga							
Ploughzone	420-190	L180	1	U - Unclassifiable	Onondaga	Yes	6					Chunk
Ploughzone	420-200	L181	1	PT - Primary thinning flake	Onondaga							
Ploughzone	420-200	L183	18	SH Shatter/Distal Flake	Onondaga	Yes	2					
Ploughzone	420-200	L182	2	SK - Secondary knapping flake	Onondaga							
Ploughzone	420-210	L185	5	SH Shatter/Distal Flake	Onondaga	Yes	2					
Ploughzone	420-210	L184	1	SK - Secondary knapping flake	Onondaga							
Ploughzone	420-220	L187	8	SH Shatter/Distal Flake	Onondaga	Yes	4					
Ploughzone	420-220	L186	1	SK - Secondary knapping flake	Onondaga							
Ploughzone	430-170	L192	1	BF - Biface fragment	Onondaga	Yes	1				4	
Ploughzone	430-170	L188	1	PT - Primary thinning flake	Onondaga							
Ploughzone	430-170	L191	175	SH Shatter/Distal Flake	Onondaga	Yes	18					
Ploughzone	430-170	L189	7	SK - Secondary knapping flake	Onondaga							
Ploughzone	430-170	L189	7	SK - Secondary knapping flake	Onondaga							
Ploughzone	430-170	L193	1	SK - Secondary knapping flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	430-170	L190	1	SR - Secondary retouch flake	Onondaga							
Ploughzone	430-180	L199	1	BF - Biface fragment	Onondaga						19	
Ploughzone	430-180	L200	1	BF - Biface	Onondaga					29	10	

Appendix Table 7: McIntyre-Evans Site (AfGt-90) (P10), AfGt-138 (P4) and AfGt-140 (P6): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
				fragment								
Ploughzone	430-180	L201	1	BF - Biface fragment	Onondaga						7	
Ploughzone	430-180	L194	3	PT - Primary thinning flake	Onondaga							
Ploughzone	430-180	L197	58	SH Shatter/Distal Flake	Onondaga	Yes		5				
Ploughzone	430-180	L198	1	SH Shatter/Distal Flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	430-180	L195	3	SK - Secondary knapping flake	Onondaga							
Ploughzone	430-180	L196	1	SR - Secondary retouch flake	Onondaga							
Ploughzone	430-190	L202	2	PR - Primary reduction flake	Onondaga							
Ploughzone	430-190	L204	3	SH Shatter/Distal Flake	Onondaga							
Ploughzone	430-190	L203	1	SK - Secondary knapping flake	Onondaga							
Ploughzone	430-190	L205	1	U - Unclassifiable	Onondaga							Chunk
Ploughzone	430-200	L210	1	PP - Projectile point	Onondaga				44	21	8	Middleport Side-Notched
Ploughzone	430-200	L208	73	SH Shatter/Distal Flake	Onondaga	Yes		5				
Ploughzone	430-200	L206	1	SK - Secondary knapping flake	Onondaga							
Ploughzone	430-200	L207	2	SR - Secondary retouch flake	Onondaga							
Ploughzone	430-210	L209	9	SH Shatter/Distal Flake	Onondaga							
Ploughzone	430-220	L211	1	PR - Primary reduction flake	Onondaga							
Ploughzone	430-220	L212	13	SH Shatter/Distal Flake	Onondaga							

Appendix Table 7: McIntyre-Evans Site (AfGt-90) (P10), AfGt-138 (P4) and AfGt-140 (P6): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
Ploughzone	440-170	L216	47	SH Shatter/Distal Flake	Onondaga	Yes		2				
Ploughzone	440-170	L214	1	SK - Secondary knapping flake	Onondaga							
Ploughzone	440-170	L215	1	SR - Secondary retouch flake	Onondaga							
Ploughzone	440-180	L218	22	SH Shatter/Distal Flake	Onondaga	Yes		1				
Ploughzone	440-180	L217	2	SR - Secondary retouch flake	Onondaga							
Ploughzone	440-180	L219	1	U - Unclassifiable	Onondaga							Chunk
Ploughzone	440-190	L221	3	SH Shatter/Distal Flake	Onondaga	Yes		1				
Ploughzone	440-190	L220	1	SK - Secondary knapping flake	Onondaga							
Ploughzone	440-200	L223	17	SH Shatter/Distal Flake	Onondaga	Yes		3				
Ploughzone	440-200	L222	1	SR - Secondary retouch flake	Onondaga	Yes		1				
Ploughzone	440-210	L224	1	PT - Primary thinning flake	Onondaga							
Ploughzone	440-210	L227	26	SH Shatter/Distal Flake	Onondaga	Yes		3				
Ploughzone	440-210	L225	1	SK - Secondary knapping flake	Onondaga							
Ploughzone	440-210	L226	1	SR - Secondary retouch flake	Onondaga							
Ploughzone	440-220	L230	39	SH Shatter/Distal Flake	Onondaga	Yes		5				
Ploughzone	440-220	L228	1	SK - Secondary knapping flake	Onondaga							
Ploughzone	440-220	L229	2	SR - Secondary retouch flake	Onondaga							
Ploughzone	440-230	L594	8	SH Shatter/Distal	Onondaga	Yes		2				

Appendix Table 7: McIntyre-Evans Site (AfGt-90) (P10), AfGt-138 (P4) and AfGt-140 (P6): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
				Flake/Distal Flake								
Ploughzone	440-230	L593	5	SK - Secondary knapping flake	Onondaga	Yes	1					
Ploughzone	450-170	L233	125	SH Shatter/Distal Flake/Distal Flake	Onondaga	Yes	9					
Ploughzone	450-170	L231	6	SK - Secondary knapping flake	Onondaga							
Ploughzone	450-170	L232	5	SR - Secondary retouch flake	Onondaga							
Ploughzone	450-180	L234	1	PT - Primary thinning flake	Onondaga							
Ploughzone	450-180	L237	20	SH Shatter/Distal Flake/Distal Flake	Onondaga	Yes	3					
Ploughzone	450-180	L235	1	SK - Secondary knapping flake	Onondaga							
Ploughzone	450-180	L236	1	SR - Secondary retouch flake	Onondaga							
Ploughzone	450-190	L240	38	SH Shatter/Distal Flake/Distal Flake	Onondaga	Yes	7					
Ploughzone	450-190	L238	6	SK - Secondary knapping flake	Onondaga							
Ploughzone	450-190	L239	1	SR - Secondary retouch flake	Onondaga							
Ploughzone	450-200	L241	1	PR - Primary reduction flake	Onondaga							
Ploughzone	450-200	L244	53	SH Shatter/Distal Flake/Distal Flake	Onondaga	Yes	9					
Ploughzone	450-200	L245	1	SH Shatter/Distal Flake/Distal Flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	450-200	L242	2	SK - Secondary knapping flake	Onondaga							
Ploughzone	450-200	L243	4	SR - Secondary retouch flake	Onondaga							
Ploughzone	450-210	L247	28	SH Shatter/Distal	Onondaga	Yes	4					

Appendix Table 7: McIntyre-Evans Site (AfGt-90) (P10), AfGt-138 (P4) and AfGt-140 (P6): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
				Flake/Distal Flake								
Ploughzone	450-210	L246	3	SK - Secondary knapping flake	Onondaga							
Ploughzone	450-220	L251	1	PPf - Projectile point fragment	Onondaga					14	5	Unidentifiable, base missing
Ploughzone	450-220	L248	2	PT - Primary thinning flake	Onondaga							
Ploughzone	450-220	L250	19	SH Shatter/Distal Flake/Distal Flake	Onondaga	Yes		4				
Ploughzone	450-220	L249	2	SK - Secondary knapping flake	Onondaga							
Ploughzone	450-230	L252	16	SH Shatter/Distal Flake/Distal Flake	Onondaga	Yes		2				
Ploughzone	450-240	L254	4	SH Shatter/Distal Flake/Distal Flake	Onondaga	Yes		1				
Ploughzone	450-240	L253	1	SK - Secondary knapping flake	Onondaga							
Ploughzone	450-250	L255	1	PT - Primary thinning flake	Onondaga							
Ploughzone	450-250	L258	3	SH- Shatter/Distal Flake	Onondaga							
Ploughzone	450-250	L259	1	SH Shatter/Distal Flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	450-250	L256	2	SK - Secondary knapping flake	Onondaga							
Ploughzone	450-250	L257	1	SR - Secondary retouch flake	Onondaga							
Ploughzone	455-230	L261	18	SH Shatter/Distal Flake	Onondaga	Yes		2				
Ploughzone	455-230	L260	1	SK - Secondary knapping flake	Onondaga							
Ploughzone	455-235	L264	11	SH Shatter/Distal Flake	Onondaga	Yes		3				

Appendix Table 7: McIntyre-Evans Site (AfGt-90) (P10), AfGt-138 (P4) and AfGt-140 (P6): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
Ploughzone	455-235	L263	1	SK - Secondary knapping flake	Onondaga							
Ploughzone	455-235	L262	1	U - Unclassifiable	Onondaga							Chunk
Ploughzone	455-240	L267	17	SH Shatter/Distal Flake	Onondaga	Yes	3					
Ploughzone	455-240	L265	2	SK - Secondary knapping flake	Onondaga							
Ploughzone	455-240	L266	2	SR - Secondary retouch flake	Onondaga							
Ploughzone	460-170	L270	37	SH Shatter/Distal Flake	Onondaga	Yes	3					
Ploughzone	460-170	L268	1	SK - Secondary knapping flake	Onondaga							
Ploughzone	460-170	L269	1	SR - Secondary retouch flake	Onondaga							
Ploughzone	460-180	L272	6	SH Shatter/Distal Flake	Onondaga	Yes	1					
Ploughzone	460-180	L271	1	SR - Secondary retouch flake	Onondaga							
Ploughzone	460-190	L276	1	BF - Biface fragment	Onondaga					36	9	Refined base
Ploughzone	460-190	L275	147	SH Shatter/Distal Flake	Onondaga	Yes	14					
Ploughzone	460-190	L273	5	SK - Secondary knapping flake	Onondaga	Yes	1					
Ploughzone	460-190	L274	4	SK - Secondary knapping flake	Onondaga							
Ploughzone	460-200	L277	1	PT - Primary thinning flake	Onondaga							
Ploughzone	460-200	L280	90	SH Shatter/Distal Flake	Onondaga	Yes	14					
Ploughzone	460-200	L278	7	SK - Secondary knapping flake	Onondaga							
Ploughzone	460-200	L279	2	SR - Secondary	Onondaga	Yes	1					

Appendix Table 7: McIntyre-Evans Site (AfGt-90) (P10), AfGt-138 (P4) and AfGt-140 (P6): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
				retouch flake								
Ploughzone	460-210	L283	49	SH Shatter/Distal Flake	Onondaga	Yes	10					
Ploughzone	460-210	L281	1	SK - Secondary knapping flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	460-210	L282	4	SR - Secondary retouch flake	Onondaga							
Ploughzone	460-220	L288	1	B - Biface	Onondaga				60	37	14	Crude
Ploughzone	460-220	L284	1	PT - Primary thinning flake	Onondaga							
Ploughzone	460-220	L287	67	SH Shatter/Distal Flake	Onondaga	Yes	5					
Ploughzone	460-220	L285	6	SK - Secondary knapping flake	Onondaga							
Ploughzone	460-220	L286	1	SR - Secondary retouch flake	Onondaga							
Ploughzone	460-225	L289	2	PT - Primary thinning flake	Onondaga							
Ploughzone	460-225	L292	65	SH Shatter/Distal Flake	Onondaga	Yes	7					
Ploughzone	460-225	L290	4	SK - Secondary knapping flake	Onondaga							
Ploughzone	460-225	L291	7	SR - Secondary retouch flake	Onondaga							
Ploughzone	460-230	L297	1	BF - Biface fragment	Onondaga						8	
Ploughzone	460-230	L293	1	PT - Primary thinning flake	Onondaga							
Ploughzone	460-230	L296	44	SH Shatter/Distal Flake	Onondaga	Yes	6					
Ploughzone	460-230	L294	6	SK - Secondary knapping flake	Onondaga							
Ploughzone	460-230	L295	1	SR - Secondary retouch flake	Onondaga							

Appendix Table 7: McIntyre-Evans Site (AfGt-90) (P10), AfGt-138 (P4) and AfGt-140 (P6): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
Ploughzone	460-235	L300	63	SH Shatter/Distal Flake	Onondaga	Yes		8				
Ploughzone	460-235	L298	3	SK - Secondary knapping flake	Onondaga							
Ploughzone	460-235	L299	2	SR - Secondary retouch flake	Onondaga							
Ploughzone	460-235	L301	1	U - Unclassifiable	Onondaga							Chunk
Ploughzone	460-240	L302	1	PR - Primary reduction flake	Onondaga							
Ploughzone	460-240	L305	37	SH Shatter/Distal Flake	Onondaga	Yes		9				
Ploughzone	460-240	L303	1	SK - Secondary knapping flake	Onondaga							
Ploughzone	460-240	L304	2	SR - Secondary retouch flake	Onondaga							
Ploughzone	460-250	L307	12	SH Shatter/Distal Flake	Onondaga	Yes		2				
Ploughzone	460-250	L306	2	SR - Secondary retouch flake	Onondaga							
Ploughzone	460-260	L308	5	SH Shatter/Distal Flake	Onondaga	Yes		1				
Ploughzone	465-210	L314	1	BF - Biface fragment	Onondaga						6	Refined tip
Ploughzone	465-210	L315	1	BF - Biface fragment	Onondaga	Yes		1			6	Reined tip
Ploughzone	465-210	L309	1	PR - Primary reduction flake	Onondaga							
Ploughzone	465-210	L310	1	PT - Primary thinning flake	Onondaga							
Ploughzone	465-210	L313	89	SH Shatter/Distal Flake	Onondaga	Yes		5				
Ploughzone	465-210	L311	14	SK - Secondary knapping flake	Onondaga	Yes		2				
Ploughzone	465-210	L312	11	SR - Secondary	Onondaga							

Appendix Table 7: McIntyre-Evans Site (AfGt-90) (P10), AfGt-138 (P4) and AfGt-140 (P6): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
				retouch flake								
Ploughzone	465-215	L316	1	PT - Primary thinning flake	Onondaga							
Ploughzone	465-215	L319	175	SH Shatter/Distal Flake	Onondaga	Yes	13					
Ploughzone	465-215	L317	13	SK - Secondary knapping flake	Onondaga							
Ploughzone	465-215	L318	13	SR - Secondary retouch flake	Onondaga							
Ploughzone	465-220	L322	169	SH Shatter/Distal Flake	Onondaga	Yes	12					
Ploughzone	465-220	L320	17	SK - Secondary knapping flake	Onondaga	Yes	1					
Ploughzone	465-220	L321	12	SR - Secondary retouch flake	Onondaga	Yes	2					
Ploughzone	465-220	L323	1	U - Unclassifiable	Onondaga							Chunk
Ploughzone	465-225	L327	1	BF - Biface fragment	Onondaga						5	Refined tip
Ploughzone	465-225	L326	144	SH Shatter/Distal Flake	Onondaga	Yes	17					
Ploughzone	465-225	L324	12	SK - Secondary knapping flake	Onondaga							
Ploughzone	465-225	L325	7	SR - Secondary retouch flake	Onondaga							
Ploughzone	465-230	L332	1	B - Biface	Onondaga				64	24	38	Crude
Ploughzone	465-230	L333	1	B - Biface	Onondaga				99	70	41	Crude
Ploughzone	465-230	L328	1	PT - Primary thinning flake	Onondaga	Yes	1					
Ploughzone	465-230	L331	76	SH Shatter/Distal Flake	Onondaga	Yes	12					
Ploughzone	465-230	L329	5	SK - Secondary knapping flake	Onondaga	Yes	1					
Ploughzone	465-230	L330	7	SR - Secondary	Onondaga	Yes	1					

Appendix Table 7: McIntyre-Evans Site (AfGt-90) (P10), AfGt-138 (P4) and AfGt-140 (P6): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
				retouch flake								
Ploughzone	465-235	L337	1	B - Biface	Onondaga	Yes		1	44	36	19	
Ploughzone	465-235	L336	55	SH Shatter/Distal Flake	Onondaga							
Ploughzone	465-235	L334	3	SK - Secondary knapping flake	Onondaga							
Ploughzone	465-235	L335	7	SR - Secondary retouch flake	Onondaga							
Ploughzone	465-240	L340	50	SH Shatter/Distal Flake	Onondaga	Yes		9				
Ploughzone	465-240	L338	4	SK - Secondary knapping flake	Onondaga							
Ploughzone	465-240	L339	6	SR - Secondary retouch flake	Onondaga	Yes		1				
Ploughzone	465-245	L342	11	SH Shatter/Distal Flake	Onondaga	Yes		3				
Ploughzone	465-245	L341	1	SK - Secondary knapping flake	Onondaga							
Ploughzone	469-200	L347	1	BF - Biface fragment	Onondaga						9	
Ploughzone	469-200	L345	127	SH Shatter/Distal Flake	Onondaga	Yes		7				
Ploughzone	469-200	L343	12	SK - Secondary knapping flake	Onondaga							
Ploughzone	469-200	L344	10	SR - Secondary retouch flake	Onondaga							
Ploughzone	469-200	L346	1	U - Unclassifiable	Onondaga							Chunk
Ploughzone	470-175	L354	1	BF - Biface fragment	Onondaga				58		30	Crude. Split longitudinally
Ploughzone	470-175	L355	1	BF - Biface fragment	Onondaga				55		36	Crude. Split longitudinally
Ploughzone	470-175	L348	2	PR - Primary reduction flake	Onondaga							

Appendix Table 7: McIntyre-Evans Site (AfGt-90) (P10), AfGt-138 (P4) and AfGt-140 (P6): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
Ploughzone	470-175	L349	3	PT - Primary thinning flake	Onondaga							
Ploughzone	470-175	L352	90	SH Shatter/Distal Flake	Onondaga	Yes	8					
Ploughzone	470-175	L350	7	SK - Secondary knapping flake	Onondaga							
Ploughzone	470-175	L351	5	SR - Secondary retouch flake	Onondaga							
Ploughzone	470-175	L353	1	U - Unclassifiable	Onondaga							Chunk
Ploughzone	470-180	L492	1	C - Core fragment	Onondaga							Random core
Ploughzone	470-180	L490	66	SH Shatter/Distal Flake	Onondaga	Yes	6					
Ploughzone	470-180	L491	1	SH Shatter/Distal Flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	470-180	L489	6	SK - Secondary knapping flake	Onondaga							
Ploughzone	470-190	L356	1	PT - Primary thinning flake	Onondaga							
Ploughzone	470-190	L357	10	SH Shatter/Distal Flake	Onondaga	Yes	2					
Ploughzone	470-190	L358	1	U - Unclassifiable	Onondaga							Chunk
Ploughzone	470-210	L359	2	PT - Primary thinning flake	Onondaga							
Ploughzone	470-210	L362	128	SH Shatter/Distal Flake	Onondaga	Yes	8					
Ploughzone	470-210	L360	11	SK - Secondary knapping flake	Onondaga							
Ploughzone	470-210	L361	6	SR - Secondary retouch flake	Onondaga	Yes	1					
Ploughzone	470-210	L363	1	U - Unclassifiable	Onondaga							Chunk
Ploughzone	470-215	L367	1	BF - Biface fragment	Onondaga						5	
Ploughzone	470-215	L364	1	PT - Primary	Onondaga							

Appendix Table 7: McIntyre-Evans Site (AfGt-90) (P10), AfGt-138 (P4) and AfGt-140 (P6): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
				thinning flake								
Ploughzone	470-215	L366	125	SH Shatter/Distal Flake	Onondaga	Yes	15					
Ploughzone	470-215	L365	14	SK - Secondary knapping flake	Onondaga							
Ploughzone	470-220	L419	1	BF - Biface fragment	Onondaga						13	Crude tip
Ploughzone	470-220	L420	1	BF - Biface fragment	Onondaga						6	Refined tip
Ploughzone	470-220	L415	1	PT - Primary thinning flake	Onondaga							
Ploughzone	470-220	L418	87	SH Shatter/Distal Flake	Onondaga	Yes	12					
Ploughzone	470-220	L416	7	SK - Secondary knapping flake	Onondaga	Yes	2					
Ploughzone	470-220	L417	3	SR - Secondary retouch flake	Onondaga							
Ploughzone	470-225	L373	1	DF - Drill fragment	Onondaga					11	6	Tip
Ploughzone	470-225	L368	1	PR - Primary reduction flake	Onondaga							
Ploughzone	470-225	L369	2	PT - Primary thinning flake	Onondaga							
Ploughzone	470-225	L372	254	SH Shatter/Distal Flake	Onondaga	Yes	26					
Ploughzone	470-225	L370	15	SK - Secondary knapping flake	Onondaga	Yes	1					
Ploughzone	470-225	L371	1	SK - Secondary knapping flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	470-225	L374	13	SR - Secondary retouch flake	Onondaga							
Ploughzone	470-225	L375	1	U - Unclassifiable	Onondaga							Chunk
Ploughzone	470-230	L379	1	BF - Biface fragment	Onondaga						11	Crude

Appendix Table 7: McIntyre-Evans Site (AfGt-90) (P10), AfGt-138 (P4) and AfGt-140 (P6): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
Ploughzone	470-230	L378	139	SH Shatter/Distal Flake	Onondaga	Yes	9					
Ploughzone	470-230	L380	1	SH Shatter/Distal Flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	470-230	L376	7	SK - Secondary knapping flake	Onondaga							
Ploughzone	470-230	L377	7	SR - Secondary retouch flake	Onondaga							
Ploughzone	470-235	L381	1	PT - Primary thinning flake	Onondaga							
Ploughzone	470-235	L384	104	SH Shatter/Distal Flake	Onondaga	Yes	13					
Ploughzone	470-235	L382	2	SK - Secondary knapping flake	Onondaga							
Ploughzone	470-235	L383	11	SR - Secondary retouch flake	Onondaga							
Ploughzone	470-240	L389	1	B - Biface	Onondaga			Yes	106	61	26	Crude. Ret/util on 1 margin
Ploughzone	470-240	L388	1	BF - Biface fragment	Onondaga						13	Crude
Ploughzone	470-240	L387	65	SH Shatter/Distal Flake	Onondaga	Yes	8					
Ploughzone	470-240	L385	4	SK - Secondary knapping flake	Onondaga							
Ploughzone	470-240	L386	4	SR - Secondary retouch flake	Onondaga							
Ploughzone	470-250	L392	8	SH Shatter/Distal Flake	Onondaga							
Ploughzone	470-250	L390	1	SK - Secondary knapping flake	Onondaga							
Ploughzone	470-250	L391	1	SR - Secondary retouch flake	Onondaga							
Ploughzone	480-176	L395	62	SH Shatter/Distal Flake	Onondaga	Yes	3					
Ploughzone	480-176	L393	2	SK - Secondary	Onondaga	Yes	2					

Appendix Table 7: McIntyre-Evans Site (AfGt-90) (P10), AfGt-138 (P4) and AfGt-140 (P6): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
				knapping flake								
Ploughzone	480-176	L394	1	SR - Secondary retouch flake	Onondaga							
Ploughzone	480-176	L396	1	U - Unclassifiable	Onondaga							Chunk
Ploughzone	480-179	L402	1	C - Core fragment	Onondaga	Yes	1					Random
Ploughzone	480-179	L397	1	PT - Primary thinning flake	Onondaga	Yes	1					
Ploughzone	480-179	L400	60	SH Shatter/Distal Flake	Onondaga	Yes	10					
Ploughzone	480-179	L401	1	SH Shatter/Distal Flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	480-179	L398	6	SK - Secondary knapping flake	Onondaga							
Ploughzone	480-179	L399	5	SR - Secondary retouch flake	Onondaga							
Ploughzone	480-190	L403	1	PR - Primary reduction flake	Onondaga							
Ploughzone	480-190	L405	48	SH Shatter/Distal Flake	Onondaga	Yes	7					
Ploughzone	480-190	L404	2	SK - Secondary knapping flake	Onondaga							
Ploughzone	480-200	L406	1	PT - Primary thinning flake	Onondaga							
Ploughzone	480-200	L409	155	SH Shatter/Distal Flake	Onondaga	Yes	16					
Ploughzone	480-200	L407	7	SK - Secondary knapping flake	Onondaga							
Ploughzone	480-200	L408	9	SR - Secondary retouch flake	Onondaga							
Ploughzone	480-210	L414	1	BF - Biface fragment	Onondaga					30	15	
Ploughzone	480-210	L410	2	PT - Primary thinning flake	Onondaga							

Appendix Table 7: McIntyre-Evans Site (AfGt-90) (P10), AfGt-138 (P4) and AfGt-140 (P6): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
Ploughzone	480-210	L413	104	SH Shatter/Distal Flake	Onondaga	Yes	9					
Ploughzone	480-210	L411	6	SK - Secondary knapping flake	Onondaga	Yes	1					
Ploughzone	480-210	L412	2	SR - Secondary retouch flake	Onondaga							
Ploughzone	480-220	L427	1	PPf - Projectile point fragment	Onondaga	Yes	1		37	23	8	Brewerton Corner-Notched
Ploughzone	480-220	L421	1	PR - Primary reduction flake	Onondaga							
Ploughzone	480-220	L422	2	PT - Primary thinning flake	Onondaga							
Ploughzone	480-220	L426	222	SH Shatter/Distal Flake	Onondaga	Yes	14					
Ploughzone	480-220	L423	15	SK - Secondary knapping flake	Onondaga	Yes	1					
Ploughzone	480-220	L424	1	SK - Secondary knapping flake	Onondaga			Yes				Ret/util on 2 opposing margins
Ploughzone	480-220	L425	9	SR - Secondary retouch flake	Onondaga							
Ploughzone	490-176	L497	1	B - Biface	Onondaga	Yes	1		54	46	17	
Ploughzone	490-176	L493	1	PT - Primary thinning flake	Onondaga							
Ploughzone	490-176	L496	30	SH Shatter/Distal Flake	Onondaga	Yes	9					
Ploughzone	490-176	L494	5	SK - Secondary knapping flake	Onondaga							
Ploughzone	490-176	L495	2	SR - Secondary retouch flake	Onondaga							
Ploughzone	490-190	L428	1	PR - Primary reduction flake	Onondaga							
Ploughzone	490-190	L431	45	SH Shatter/Distal Flake	Onondaga	Yes	6					

Appendix Table 7: McIntyre-Evans Site (AfGt-90) (P10), AfGt-138 (P4) and AfGt-140 (P6): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
Ploughzone	490-190	L429	3	SK - Secondary knapping flake	Onondaga							
Ploughzone	490-190	L430	2	SR - Secondary retouch flake	Onondaga							
Ploughzone	490-200	L432	1	PT - Primary thinning flake	Onondaga							
Ploughzone	490-200	L435	236	SH Shatter/Distal Flake	Onondaga	Yes	13					
Ploughzone	490-200	L433	15	SK - Secondary knapping flake	Onondaga	Yes	1					
Ploughzone	490-200	L434	13	SR - Secondary retouch flake	Onondaga	Yes	1					
Ploughzone	490-200	L436	1	SR - Secondary retouch flake	Flint Ridge							
Ploughzone	490-210	L437	5	PT - Primary thinning flake	Onondaga							
Ploughzone	490-210	L440	94	SH Shatter/Distal Flake	Onondaga	Yes	5					
Ploughzone	490-210	L438	11	SK - Secondary knapping flake	Onondaga							
Ploughzone	490-210	L439	9	SR - Secondary retouch flake	Onondaga							
Ploughzone	490-220	L445	1	DF - Drill fragment	Onondaga						5	Tip
Ploughzone	490-220	L441	1	PR - Primary reduction flake	Onondaga							
Ploughzone	490-220	L444	85	SH Shatter/Distal Flake	Onondaga	Yes	7					
Ploughzone	490-220	L442	10	SK - Secondary knapping flake	Onondaga							
Ploughzone	490-220	L443	6	SR - Secondary retouch flake	Onondaga							
Ploughzone	490-229	L447	36	SH Shatter/Distal Flake	Onondaga	Yes	2					
Ploughzone	490-229	L446	4	SK - Secondary	Onondaga	Yes	2					

Appendix Table 7: McIntyre-Evans Site (AfGt-90) (P10), AfGt-138 (P4) and AfGt-140 (P6): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
				knapping flake								
Ploughzone	500-180	L503	1	BF - Biface fragment	Onondaga							Refined edge frag
Ploughzone	500-180	L504	1	C - Core fragment	Onondaga							Random core
Ploughzone	500-180	L505	1	C - Core fragment	Onondaga							Random core
Ploughzone	500-180	L499	6	PT - Primary thinning flake	Onondaga							
Ploughzone	500-180	L502	214	SH Shatter/Distal Flake	Onondaga	Yes	13					
Ploughzone	500-180	L500	8	SK - Secondary knapping flake	Onondaga							
Ploughzone	500-180	L501	10	SR - Secondary retouch flake	Onondaga							
Ploughzone	500-190	L450	43	SH Shatter/Distal Flake	Onondaga	Yes	5					
Ploughzone	500-190	L448	3	SK - Secondary knapping flake	Onondaga							
Ploughzone	500-190	L449	4	SR - Secondary retouch flake	Onondaga							
Ploughzone	500-200	L456	1	PP - Projectile point	Onondaga						6	Brewerton Corner-Notched, tip and basal corner missing
Ploughzone	500-200	L451	1	PT - Primary thinning flake	Onondaga							
Ploughzone	500-200	L454	118	SH Shatter/Distal Flake	Onondaga	Yes	12					
Ploughzone	500-200	L452	11	SK - Secondary knapping flake	Onondaga							
Ploughzone	500-200	L453	5	SR - Secondary retouch flake	Onondaga							
Ploughzone	500-200	L455	1	U - Unclassifiable	Onondaga							Chunk
Ploughzone	500-210	L460	1	BF - Biface fragment	Onondaga						6	Refined, base missing
Ploughzone	500-210	L462	1	C - Core fragment	Onondaga							Random

Appendix Table 7: McIntyre-Evans Site (AfGt-90) (P10), AfGt-138 (P4) and AfGt-140 (P6): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
Ploughzone	500-210	L459	81	SH Shatter/Distal Flake	Onondaga	Yes		7				
Ploughzone	500-210	L457	10	SK - Secondary knapping flake	Onondaga							
Ploughzone	500-210	L458	6	SR - Secondary retouch flake	Onondaga							
Ploughzone	500-210	L461	1	U - Unclassifiable	Onondaga							Chunk
Ploughzone	500-220	L467	1	BF - Biface fragment	Onondaga						6	Refined tip
Ploughzone	500-220	L463	1	PT - Primary thinning flake	Onondaga							
Ploughzone	500-220	L466	14	SH Shatter/Distal Flake	Onondaga	Yes		1				
Ploughzone	500-220	L464	3	SK - Secondary knapping flake	Onondaga	Yes		1				
Ploughzone	500-220	L465	1	SR - Secondary retouch flake	Onondaga							
Ploughzone	500-229	L506	1	PT - Primary thinning flake	Onondaga							
Ploughzone	500-229	L508	4	SR - Secondary retouch flake	Onondaga							
Ploughzone	500-229	L509	38	SH Shatter/Distal Flake	Onondaga	Yes		5				
Ploughzone	500-229	L507	3	SK - Secondary knapping flake	Onondaga							
Ploughzone	510-180	L511	25	SH Shatter/Distal Flake	Onondaga	Yes		3				
Ploughzone	510-180	L510	2	SK - Secondary knapping flake	Onondaga							
Ploughzone	510-190	L474	1	C - Core fragment	Onondaga							Random
Ploughzone	510-190	L468	1	PR - Primary reduction flake	Onondaga							
Ploughzone	510-190	L472	43	SH Shatter/Distal Flake	Onondaga	Yes		3				

Appendix Table 7: McIntyre-Evans Site (AfGt-90) (P10), AfGt-138 (P4) and AfGt-140 (P6): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
Ploughzone	510-190	L473	1	SH Shatter/Distal Flake	Bois blanc							
Ploughzone	510-190	L469	4	SK - Secondary knapping flake	Onondaga							
Ploughzone	510-190	L470	2	SK - Secondary knapping flake	Bois blanc							
Ploughzone	510-190	L471	1	SR - Secondary retouch flake	Onondaga							
Ploughzone	510-200	L476	12	SH Shatter/Distal Flake								
Ploughzone	510-200	L475	1	SK - Secondary knapping flake	Onondaga							
Ploughzone	510-210	L481	17	SH Shatter/Distal Flake	Onondaga	Yes		3				
Ploughzone	510-210	L479	3	SK - Secondary knapping flake	Onondaga							
Ploughzone	510-210	L480	2	SR - Secondary retouch flake	Onondaga							
Ploughzone	510-220	L486	1	PPf - Projectile point fragment	Onondaga					14	4	Late Woodland narrow triangular, tip missing
Ploughzone	510-220	L485	22	SH Shatter/Distal Flake	Onondaga	Yes		7				
Ploughzone	510-220	L482	1	SK - Secondary knapping flake	Onondaga							
Ploughzone	510-220	L483	2	SR - Secondary retouch flake	Onondaga							
Ploughzone	510-220	L484	1	SR - Secondary retouch flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	510-230	L488	23	SH Shatter/Distal Flake	Onondaga	Yes		4				
Ploughzone	510-230	L487	2	SK - Secondary knapping flake	Onondaga							

Appendix Table 7: McIntyre-Evans Site (AfGt-90) (P10), AfGt-138 (P4) and AfGt-140 (P6): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
Ploughzone	520-182	L520	1	PP - Projectile point	Onondaga				35	20	4	Nanticoke Side Notched. Basal corner missing
Ploughzone	520-182	L519	2	SH Shatter/Distal Flake	Onondaga	Yes		1				
Ploughzone	520-190	L521	1	PT - Primary thinning flake	Onondaga							
Ploughzone	520-190	L524	19	SH Shatter/Distal Flake	Onondaga	Yes		5				
Ploughzone	520-190	L522	3	SK - Secondary knapping flake	Onondaga							
Ploughzone	520-190	L523	1	SR - Secondary retouch flake	Onondaga							
Ploughzone	520-200	L526	22	SH Shatter/Distal Flake	Onondaga	Yes		3				
Ploughzone	520-200	L525	3	SK - Secondary knapping flake	Onondaga							
Ploughzone	520-210	L529	1	BF - Biface fragment	Onondaga							Crude
Ploughzone	520-210	L531	1	BF - Biface fragment	Onondaga							Crude
Ploughzone	520-210	L528	21	SH Shatter/Distal Flake	Onondaga	Yes		4				
Ploughzone	520-210	L527	6	SK - Secondary knapping flake	Onondaga							
Ploughzone	520-220	L532	1	PT - Primary thinning flake	Onondaga							
Ploughzone	520-220	L535	63	SH Shatter/Distal Flake	Onondaga	Yes		7				
Ploughzone	520-220	L533	8	SK - Secondary knapping flake	Onondaga							
Ploughzone	520-220	L534	5	SR - Secondary retouch flake	Onondaga							
Ploughzone	520-230	L536	1	PR - Primary reduction flake	Onondaga							

Appendix Table 7: McIntyre-Evans Site (AfGt-90) (P10), AfGt-138 (P4) and AfGt-140 (P6): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
Ploughzone	520-230	L537	2	PT - Primary thinning flake	Onondaga							
Ploughzone	520-230	L540	298	SH Shatter/Distal Flake	Onondaga	Yes	28					
Ploughzone	520-230	L538	12	SK - Secondary knapping flake	Onondaga							
Ploughzone	520-230	L539	10	SR - Secondary retouch flake	Onondaga							
Ploughzone	530-190	L512	1	C - Core fragment	Onondaga							Random core
Ploughzone	530-190	L518	1	GR - Graver	Onondaga				31	19	4	One spur
Ploughzone	530-190	L513	1	PT - Primary thinning flake	Onondaga							
Ploughzone	530-190	L514	1	PT - Primary thinning flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	530-190	L517	13	SH Shatter/Distal Flake	Onondaga	Yes	3					
Ploughzone	530-190	L515	1	SK - Secondary knapping flake	Onondaga							
Ploughzone	530-190	L516	1	SR - Secondary retouch flake	Onondaga							
Ploughzone	530-200	L541	3	SH Shatter/Distal Flake	Onondaga							
Ploughzone	530-210	L544	61	SH Shatter/Distal Flake	Onondaga	Yes	7					
Ploughzone	530-210	L542	10	SK - Secondary knapping flake	Onondaga	Yes	1					
Ploughzone	530-210	L543	6	SR - Secondary retouch flake	Onondaga							
Ploughzone	530-220	L545	2	PR - Primary reduction flake	Onondaga							
Ploughzone	530-220	L546	1	PR - Primary reduction flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	530-220	L549	1	SH Shatter/Distal Flake	Onondaga			Yes				Extensive ret/util

Appendix Table 7: McIntyre-Evans Site (AfGt-90) (P10), AfGt-138 (P4) and AfGt-140 (P6): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
Ploughzone	530-220	L550	90	SH Shatter/Distal Flake	Onondaga	Yes	21					
Ploughzone	530-220	L547	5	SK - Secondary knapping flake	Onondaga							
Ploughzone	530-220	L548	2	SR - Secondary retouch flake	Onondaga							
Ploughzone	530-230	L555	1	PP - Projectile point	Onondaga							Brewerton Corner Notched
Ploughzone	530-230	L552	14	SK - Secondary knapping flake	Onondaga							
Ploughzone	530-230	L554	393	SH Shatter/Distal Flake	Onondaga	Yes	27					
Ploughzone	530-230	L553	15	SR - Secondary retouch flake	Onondaga							
Ploughzone	530-235	L562	1	BF - Biface fragment	Onondaga	Yes	1		27	25	7	
Ploughzone	530-235	L563	1	BF - Biface fragment	Onondaga						7	
Ploughzone	530-235	L564	1	PPf - Projectile point fragment	Onondaga					30	8	Brewerton Corner Notched. Tip missing
Ploughzone	530-235	L556	1	PR - Primary reduction flake	Onondaga	Yes	1					
Ploughzone	530-235	L557	1	PR - Primary reduction flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	530-235	L558	1	PT - Primary thinning flake	Onondaga							
Ploughzone	530-235	L561	190	SH Shatter/Distal Flake	Onondaga	Yes	12					
Ploughzone	530-235	L559	14	SK - Secondary knapping flake	Onondaga							
Ploughzone	530-235	L560	5	SR - Secondary retouch flake	Onondaga							
Ploughzone	536-200	L565	5	SH Shatter/Distal Flake	Onondaga	Yes	1					

Appendix Table 7: McIntyre-Evans Site (AfGt-90) (P10), AfGt-138 (P4) and AfGt-140 (P6): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
Ploughzone	536-205	L566	1	PT - Primary thinning flake	Onondaga							
Ploughzone	536-205	L570	43	SH Shatter/Distal Flake	Onondaga	Yes	2					
Ploughzone	536-205	L567	9	SK - Secondary knapping flake	Onondaga							
Ploughzone	536-205	L568	1	SK - Secondary knapping flake	Onondaga			Yes				Ret/util on 1 margin
Ploughzone	536-205	L569	1	SR - Secondary retouch flake	Onondaga							
Ploughzone	536-210	L571	2	PR - Primary reduction flake	Onondaga	Yes	1					
Ploughzone	536-210	L574	184	SH Shatter/Distal Flake	Onondaga	Yes	14					
Ploughzone	536-210	L572	19	SK - Secondary knapping flake	Onondaga							
Ploughzone	536-210	L573	20	SR - Secondary retouch flake	Onondaga	Yes	4					
Ploughzone	540-220	L576	19	SH Shatter/Distal Flake	Onondaga	Yes	3					
Ploughzone	540-220	L575	4	SK - Secondary knapping flake	Onondaga							
Ploughzone	540-230	L579	1	C - Core fragment	Onondaga							Random core
Ploughzone	540-230	L580	36	SH Shatter/Distal Flake	Onondaga	Yes	5					
Ploughzone	540-238	L578	77	SH Shatter/Distal Flake	Onondaga	Yes	9					
Ploughzone	540-238	L577	4	SK - Secondary knapping flake	Onondaga							
Ploughzone	543-210	L582	3	SH Shatter/Distal Flake	Onondaga							
Ploughzone	543-210	L581	1	SK - Secondary knapping flake	Onondaga							

Appendix Table 7: McIntyre-Evans Site (AfGt-90) (P10), AfGt-138 (P4) and AfGt-140 (P6): Chipped Lithic Artifacts

Layer	Unit	Cat	No	Type	Material	Th Alt	# Alt	Ret Util	L	W	T	Comments
Ploughzone	547-220	L591	1	PT - Primary thinning flake	Onondaga			Yes				Ret/util on 2 opposing margins
Ploughzone	547-220	L592	3	SH Shatter/Distal Flake	Onondaga							
Ploughzone	550-230	L584	17	SH Shatter/Distal Flake	Onondaga							
Ploughzone	550-230	L583	1	SR - Secondary retouch flake	Onondaga			Yes				
Ploughzone	550-240	L586	41	SH Shatter/Distal Flake	Onondaga	Yes		3				
Ploughzone	550-240	L585	4	SK - Secondary knapping flake	Onondaga							
Ploughzone	560-230	L587	4	PR - Primary reduction flake	Onondaga							
Ploughzone	560-230	L588	14	SH Shatter/Distal Flake	Onondaga	Yes		1				
Ploughzone	560-240	L590	2	SH Shatter/Distal Flake	Onondaga							
Ploughzone	560-240	L589	1	SR - Secondary retouch flake	Onondaga							