Archaeological Assessment (Stage 4)
Nelson Aggregates Quarry Expansion

Lot 17 & 18, Concession 2 NDS, Geo. Twp. of Nelson
City of Burlington
R. M. of Halton, Ontario

Submitted to

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Project Summary

An archaeological assessment (Stages 1, 2 & 3) was previously conducted on an approximate 200 acre property located on Lots 17 & 18, Concession 2 NDS, City of Burlington, R.M. of Halton, Ontario. The Stage 2 field assessment resulted in the identification of five previously unregistered pre-contact Aboriginal sites. Additional Stage 3 assessment was recommended for three of the sites to further evaluate their significance and information potential (Location 1, AiGx-238; Location 2, AiGx-239; and Location 4, AiGx-240). The Stage 3 testing of Locations 1 and 2 resulted in the recovery of sufficient pre-contact Aboriginal cultural material to warrant additional Stage 4 investigation. The Stage 3 testing of Location 4 resulted in the recovery of a smaller amount of cultural material, but enough to warrant limited Stage 4 testing. This report details the results of the required Stage 4 excavations at Location 1 (AiGx-238), Location 2 (AiGx-239) and Location 4 (AiGx-240).

The Stage 4 assessment of Location 1 (AiGx-238) resulted in the documentation of a historic Neutral period cabin site, *circa* 1600-1650 A.D. The Stage 4 assessment of Location 2 (AiGx-239) resulted in the documentation of another small Aboriginal cabin site or small hamlet. The diagnostic artifacts recovered also suggest an occupation during the historic Neutral period, *circa* 1600-1650 A.D. The Stage 4 assessment of Location 4 (AiGx-240) resulted in the documentation of a small area of Aboriginal activity. The diagnostic artifacts recovered from this Location also date to the historic Neutral period, *circa* 1600-1650 A.D.

This assessment was undertaken as part of an aggregate pit licensing application in accordance with Sections 2.2.3 and 2.2.4 of the *Aggregate Resources Act* Provincial Standards. The Stage 4 mitigation at Location 1 (AiGx-238), Location 2 (AiGx-239) and Location 4 (AiGx-240) is now complete and no further archaeological fieldwork is required. The Ministry of Culture is asked to review this report and issue a letter of clearance for the subject property.

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1.0 PURPOSE

An archaeological assessment (Stages 1, 2 & 3) was previously conducted on an approximate 200 acre property located on Lots 17 & 18, Concession 2 NDS, City of Burlington, R.M. of Halton, Ontario. The Stage 2 field assessment resulted in the identification of five previously unregistered pre-contact Aboriginal sites. Additional Stage 3 assessment was recommended for three of the sites to further evaluate their significance and information potential (Location 1, AiGx-238; Location 2, AiGx-239; and Location 4, AiGx-240). The Stage 3 testing of Locations 1 and 2 resulted in the recovery of sufficient pre-contact Aboriginal cultural material to warrant additional Stage 4 investigation. The Stage 3 testing of Location 4 resulted in the recovery of a smaller amount of cultural material, but enough to warrant limited Stage 4 testing. This report details the results of the required Stage 4 excavations at Location 1 (AiGx-238), Location 2 (AiGx-239) and Location 4 (AiGx-240).

The Stage 4 fieldwork at Location 1 (AiGx-238), Location 2 (AiGx-239) and Location 4 (AiGx-240) was conducted between August 27th 2003 and June 7th 2004, under archaeological consulting licence P001, issued to Jim Wilson by the Ministry of Culture. The Stage 4 assessment of Location 1 (AiGx-238) resulted in the documentation of a historic Neutral period cabin site, *circa* 1600-1650 A.D. The Stage 4 assessment of Location 2 (AiGx-239) resulted in the documentation of another small Aboriginal cabin site or small hamlet. The diagnostic artifacts recovered also suggest an occupation during the historic Neutral period, *circa* 1600-1650 A.D. The Stage 4 assessment of Location 4 (AiGx-240) resulted in the documentation of a small area of Aboriginal activity. The diagnostic artifacts recovered from this Location also date to the historic Neutral period, *circa* 1600-1650 A.D.

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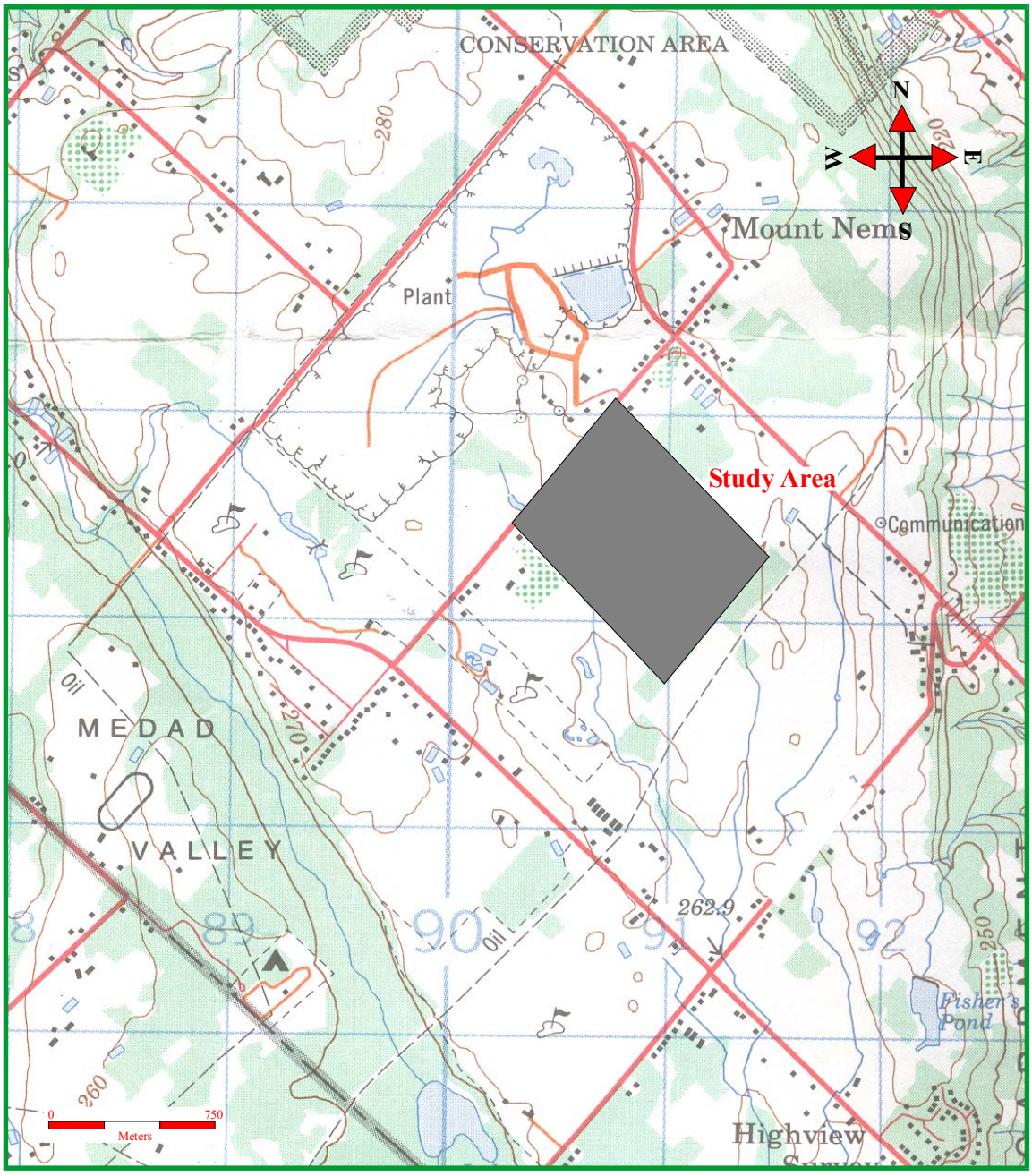
Figure 1: Location of the Study Area



2.0 STUDY METHODS

2.1 History of Investigations and Environmental Context

Location 1 (AiGx-238), Location 2 (AiGx-239) and Location 4 (AiGx-240) were located during a standard archaeological assessment (Stages 1, 2 & 3) for an approximate 200 acre aggregate property located on Lots 17 & 18, Concession 2 NDS, City of Burlington, R.M. of Halton, Ontario.

The Stage 2 and subsequent Stage 3 testing of Location 1 (AiGx-238) resulted in the determination that the site consisted of an approximate 40 by 25 metre historic Neutral site. The Stage 2 and subsequent Stage 3 testing of Location 2 (AiGx-239) resulted in the determination that the site consisted of an approximate 90 by 60 metre late prehistoric and historic period Neutral site. Because the rate of artifact return from numerous test units exceeded the criteria established by the Ministry of Culture for determining significance, it was recommended that Location 1 (AiGx-238) and Location 2 (AiGx-239) be subject to Stage 4 excavation in advance of development. The Stage 2 investigations at Location 4 (AiGx-240) resulted in the determination that the site consisted of a 40 by 60 metre historic period Neutral site. The general rate of artifact recovery for this location was low, but due to the presence of a French trade bead and ceramic artifacts, it was recommended that additional limited Stage 4 excavation should take place.

Location 1 (AiGx-238), Location 2 (AiGx-239) and Location 4 (AiGx-240) are situated within the "Flamborough Plains" physiographic region (Chapman and Putnam 1984: 127-129).

> *An isolated tract of shallow drift on the Niagara Cuesta northwest of Hamilton has been named the Flamborough plain since it spans Flamborough Township…The limestone has been swept bare in places, particularly near the edge of the escarpment. What little overburden there is on the bedrock, apart from the drumlins, is either bouldery glacial till or sand and gravel…East of the Beverly Swamp, four small streams tributary to Bronte Creek serve the section south of Campbellvale…Good soil is not plentiful in this little region*
>
> *Chapman and Putnam, 1984:128*

The sites are located on a relatively level area of shallow drift, situated between two unnamed tributaries of the Grindstone Creek. The soils are quite shallow, with the underlying limestone at places no more than 30 centimeters below the surface.

Figure 2: Detail Location of Sites Subject to Stage 4 Mitigation

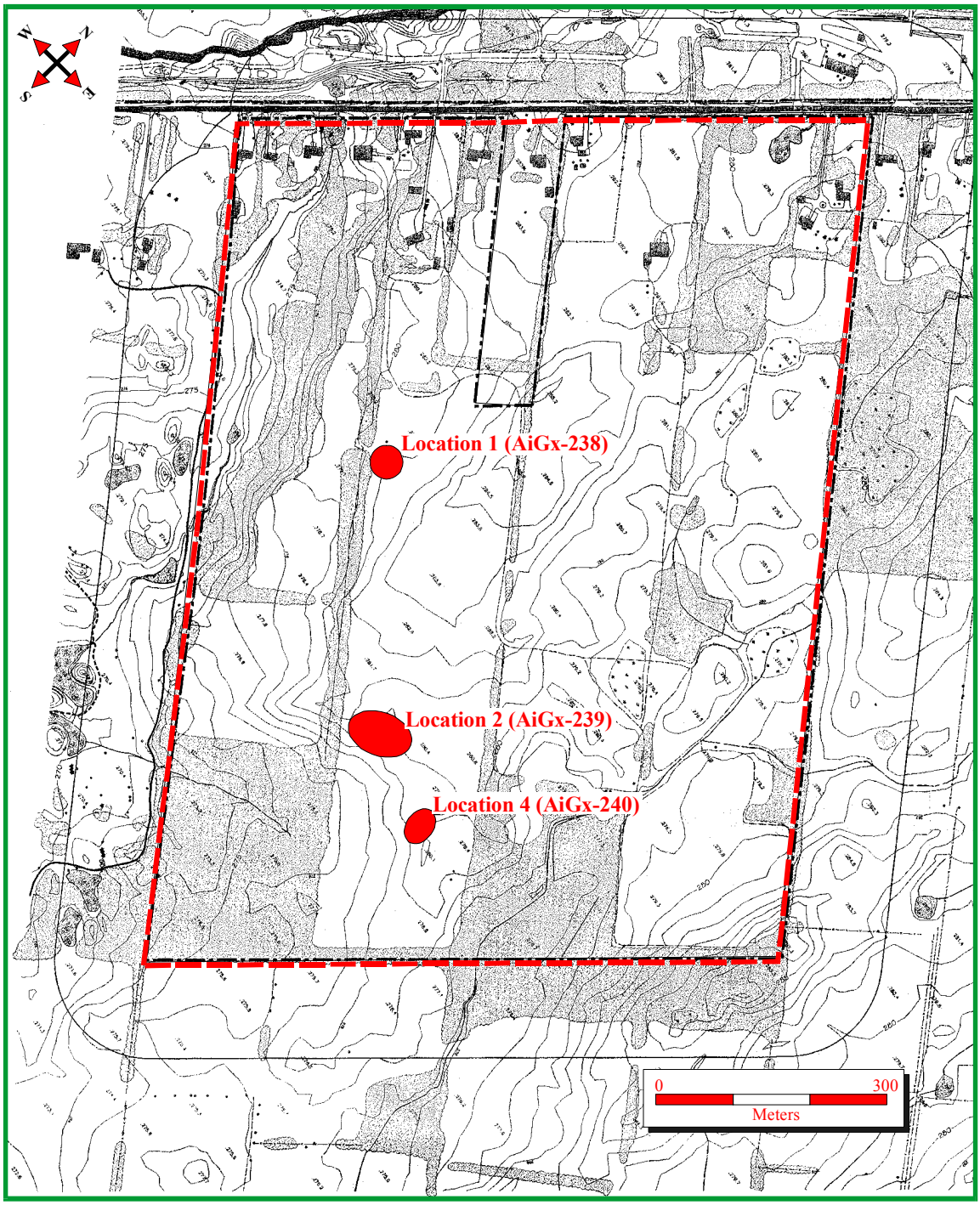


Figure 3: Stage 4 Results, AiGx-238 (Location 1)

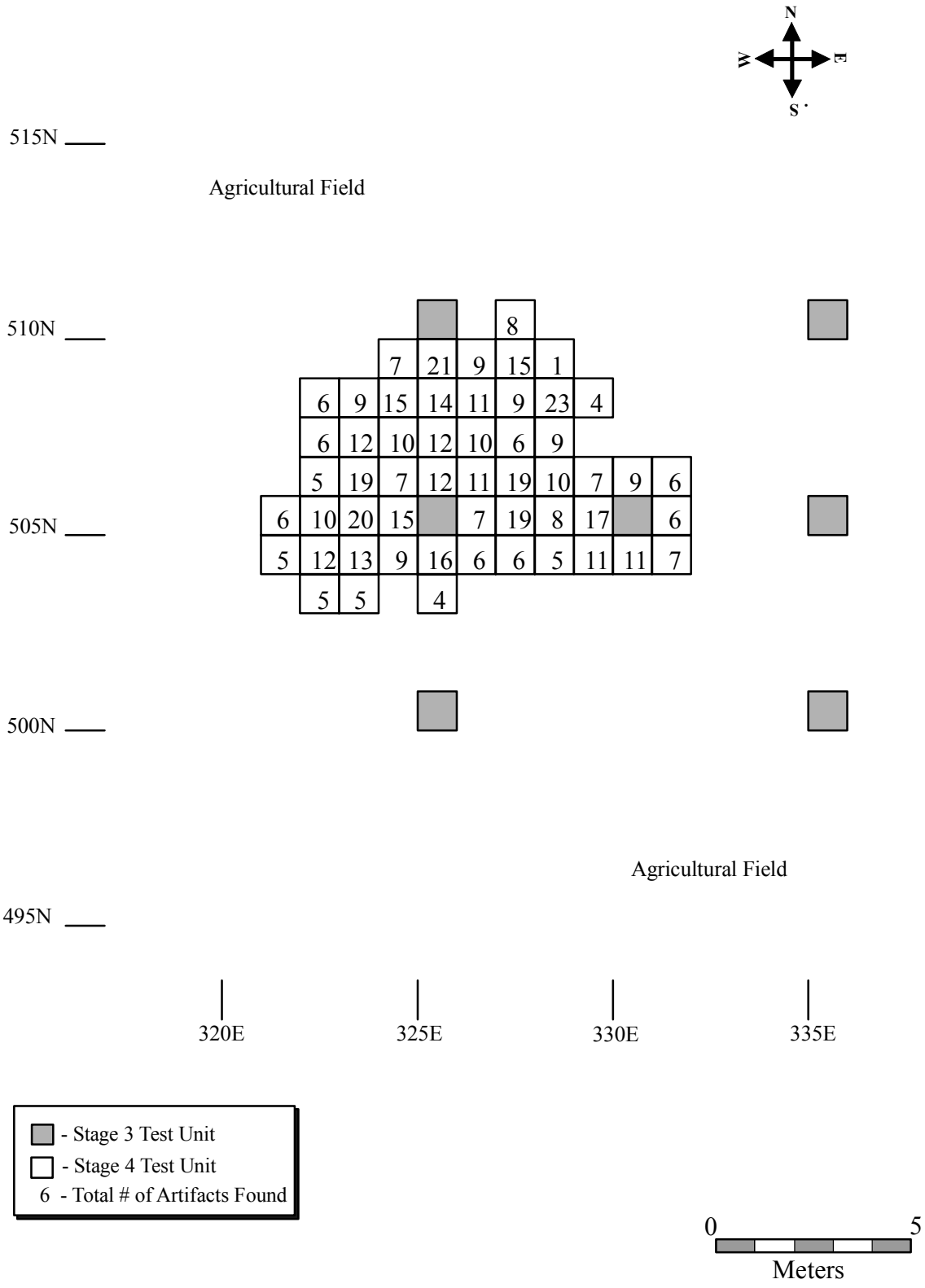
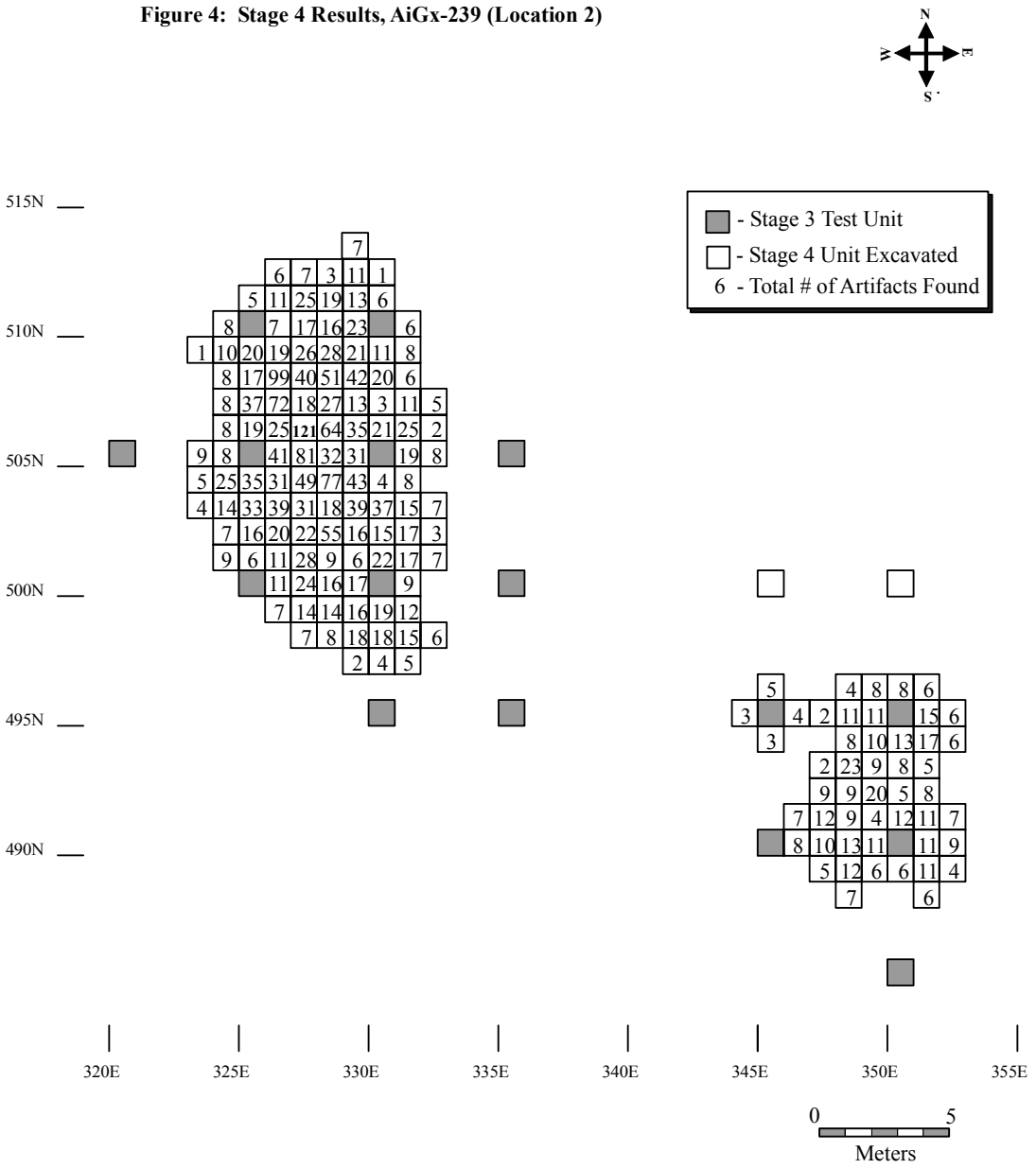


Figure 4: Stage 4 Results, AiGx-239 (Location 2)



2.2 Stage 4 Methods

The Stage 4 excavation at Location 1 (AiGx-238) and Location 2 (AiGx-239) consisted of the hand excavation of blocks of one-metre units in the area of greatest artifact density, followed by the mechanical removal of the topsoil and the standard recording and excavation of all subsurface posts and features. The Stage 4 excavation at Location 4 (AiGx-240) consisted solely of the mechanical removal of topsoil followed by the recording and excavation of the subsurface posts and features.

All soil was screened through 6.0millimetre mesh hardware cloth and each square was excavated to the subsoil, with the unit floor shovel shined in an attempt to define any posts or features. All artifacts were bagged according to one-meter provenience unit or feature number for later laboratory washing and cataloguing. The five-meter grid was laid out oriented on the grid established during the Stage 3 investigations. The five-metre units were identified by the intersection of their coordinates at each southwest corner. Each five-metre square was divided into 25 one metre units, with sub-square number one located in the southwest corner of the five metre unit, number five in the southeast corner, number six located immediately north of number one, and so on.

The topsoil was mechanically removed from all three locations using an excavator with a straight-edged ditching bucket. For Location 1 (AiGx-238) an approximate 50 by 50m area was stripped, for Location 2 (AiGx-239) an approximate 75 by 75m area was stripped and for Location 4 (AiGx-240) an approximate 45 by 35m area of topsoil was removed. Each five-meter unit was mapped separately in relation to the re-established grid after the topsoil was removed. The location of all subsurface posts and features were mapped and a sample of posts cross-sectioned. All features were drawn, profiled and screened. Float samples were collected from all of the major cultural features.

The weather during the assessment ranged from being warm and sunny to overcast and cool but overall there were no conditions detrimental to the recovery of archaeological remains. All recovered artifacts will be temporarily housed at the corporate head office of Archaeologix Inc., until such time formal arrangements are made for a transfer to the Ministry of Culture office at 900 Highbury Road, London Ontario.

3.0 Stage 4 Results for Location 1 (AiGx-238)

3.1 Location 1 (AiGx-238) Artifacts

In total a block of 54 one-metre units and 34 sub-surface features were excavated during the Stage 4 mitigation of Location 1 (AiGx-238), resulting in the recovery of 975 artifacts. Table 1 summarizes the artifact inventory from the Stage 4 investigation of Location 1 (AiGx-238). The complete artifact catalogue is provided as Appendix A.

Figure 5: AiGx-238 (Location 1) Stage 4 Excavations and Settlement Pattern

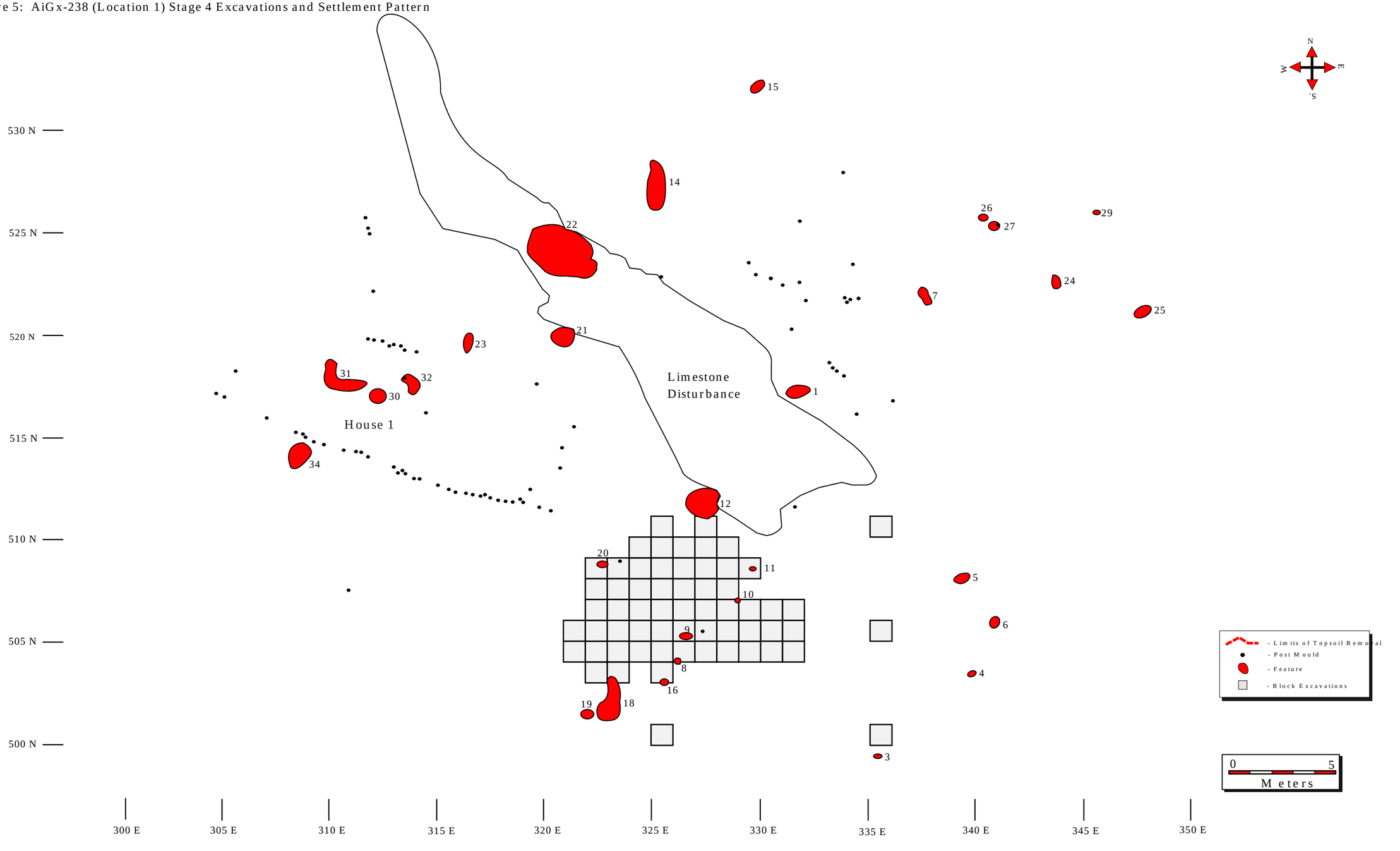
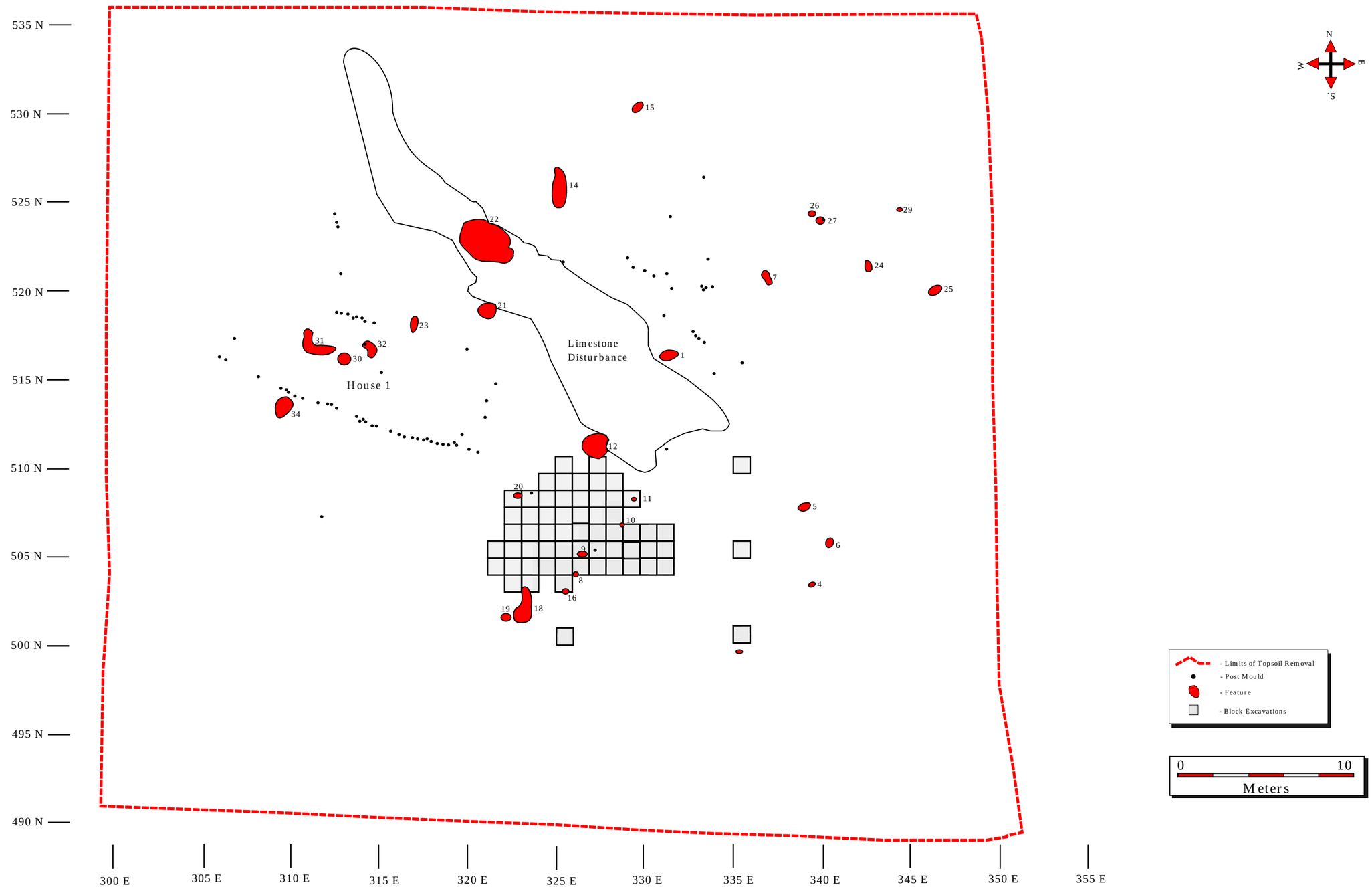


Figure 6: AiGx-238 (Location 1) Limits of Topsoil Removal



Chipped Lithics		
Chipping Detritus	421	75.99
Projectile Point	11	1.99
Biface	6	1.08
Utilized Flake	4	0.72
Scraper	3	0.54
Ceramics		
Fragmentary Sherd	78	14.08
Body Sherd	20	3.61
Rim Sherd	7	1.26
Fragmentary Rim Sherd	4	0.72
Shoulder Sherd	1	0.18
Neck Sherd	4	0.72
Pipe Stem	1	0.18
Organic		
Faunal Remains	399	72.02
Charcoal	13	2.35
Metal		
Misc. Copper Artifact	1	0.18
Glass		
Glass Bead	1	0.18
Other		
Red Ochre	1	0.18
Total	**975**	**100%**

3.1.1 Chipped Lithics

Projectile Points

The Stage 4 mitigation of Location 1 (AiGx-238) resulted in the recovery of eleven projectile points or fragments thereof, each of which is illustrated in Figure 7. The majority of projectile points have been manufactured on Onondaga chert (N=10, 91%), with one example manufactured on Kettle Point chert (N=1, 9%). Onondaga chert is a high quality raw material that outcrops along the north shore of Lake Erie east of the embouchure of the Grand River. This material can also be recovered from secondary, glacial deposits across much of southwestern Ontario, east of Chatham. Kettle Point chert is a relatively high quality raw material that outcrops between Kettle Point and Ipperwash, on Lake Huron. Currently, Kettle Point occurs as submerged outcrops extending for approximately 1350 metres into Lake Huron. Secondary deposits of Kettle Point chert have been reported in Essex County and in the Ausable and Sydenham drainage basin. Table 2 provides the metric data for all projectile points recovered.

Table 2: Projectile Point Metric Data for Location 1 (AiGx-238)
(all measurements in millimetres)

Cat #	Max Length	Max Width	Max	Chert Type	Figure Reference

			Thickness		
115	20	18	3.8	Kettle Point	X:1
31	27	17	6.2	Onondaga	x:2
62	26	20	5.9	Onondaga	X:3
93	28	16	4.8	Onondaga	X:4
119	25.7	17.3	5	Onondaga/Haldimand ?	X:5
51	26	20	4.2	Onondaga	X:6
158	23.2	16.7	3.4	Onondaga	X:7
143	26.2	n/a	4.2	Onondaga	X:8
107	33	21	7.4	Onondaga	X:9
166	-	-	-	Onondaga	n.a.
177	33	29	6	Onondaga	X:10

All projectile points recovered are small, triangular and relatively complete. The first of these has been manufactured on Kettle Point chert (Figure 7:1). It is the smallest point recovered, it is thin with a concave basal edge and concave lateral edge. This point is most similar to the Daniels Triangular points of the Neutral confederacy, *circa* 1550 A.D. – 1650 A.D.

Four of the projectile points recovered have relatively similar morphology, they are small, thin triangular points with straight to slightly concave basal edges and straight lateral edges (Figure 7:3,5-7). One point (Figure 7:3) is missing the tip and is thicker than the others. All four have been manufactured on Onondaga chert and are most similar to the Daniels Triangular points of the Neutral confederacy, *circa* 1550–1650 A.D.

Two projectile points may be considered most stylistically similar to Nanticoke Triangular points (Figure 7:2,4). Nanticoke Triangular points were in use among prehistoric Neutral and Huron groups, *circa* 1400-1600 A.D. (KEWA 1980:21). These two points have been manufactured on Onondaga chert and have straight to concave basal edges and convex lateral edges.

One projectile point has received less work and is larger and thicker than the others (Figure 7:9). This projectile point is complete and has been manufactured on Onondaga chert. It has straight to convex lateral edges, a concave basal edge and is most similar to the Daniels Triangular points, *circa* 1550 A.D. – 1650 A.D.

One of the points is incomplete it is a lateral edge fragment from a projectile point that was manufactured on Onondaga chert (Figure 7:8). The lateral edge is straight. As this is a fragmentary piece no other determinations can be made regarding time period or cultural affiliation.

The final point was manufactured from Onondaga chert and is complete with a concave basal edge and straight lateral edges (Figure 7:10). This point is most similar to the Daniels Triangular points, *circa* 1550 A.D. – 1650 A.D.

Bifaces

The Stage 4 mitigation of Location 1 (AiGx-238) resulted in the recovery of six bifaces or fragments thereof. The majority of biface fragments have been manufactured on Onondaga chert (N=5, 83.3%), with one burnt biface fragment making up the remainder (N=1, 16.6%). The biface fragment collection consists of two tips (Figure 7:11&12) one that is well made and thin, two corner/midsections (Figure 7:13) and two edge fragments.

Scrapers

The Stage 4 mitigation of Location 1 (AiGx-238) resulted in the recovery of three scrapers. Two of these provide good examples of the unifacial snubnose endscraper that is prolific on Neutral sites (Ellis & Ferris, 1990:421). The first of these measures 27mm in length with a maximum width of 22mm, a maximum thickness of 9.5mm and a steep area of retouch measuring 6.8mm in height (Figure 7:14). The second unifacial snubnosed endscraper is much larger, measuring 34mm in length with a maximum width of 27mm, a maximum thickness of 12mm and a steep area of retouch measuring 13.5mm in height (Figure 7:16). The third and final scraper is a retouched flake scraper manufactured on Kettle Point chert (Figure 7:15). This tool measures 23mm in length with a maximum width of 15mm, a maximum thickness of 5mm and a steep area of retouch measuring 4.5mm in height. During the historic Neutral period, sites within the Spencer-Bronte Creeks cluster, which are farther than most from the Onondaga chert outcrops and within which Location 1 (AiGx-238) is located, the use of Kettle Point chert is more common than in other Neutral site clusters (Ellis & Ferris 1990:421). It has been noted that the Neutral may have had a preference for Kettle Point chert in the manufacture of scrapers, perhaps as a reflection of the material's hardness (Ellis & Ferris 1990:421). This trend may be what we are seeing represented here.

Utilized Flakes

The remainder of the chipped lithic collection from Location 1 consists of four utilized flakes. Two of these have been manufactured on Onondaga chert and two have been manufactured on Kettle Point chert.

Chipping Detritus

In total, 399 pieces of chipped stone debitage were recovered during the Stage 4 excavation of Location 1 (AiGx-238). Onondaga, Kettle Point and Ancaster chert are all represented within the collection. This is likely due to the close proximity of Neutral territories to a variety of chert sources, Onondaga chert from the northeast shore of Lake Erie, Ancaster chert from the Niagara escarpment at the western end of Lake Ontario, and

Kettle Point chert from the southeast shore of Lake Huron (Ellis & Ferris, 1990:420). Table 3 provides a breakdown of the chipping detritus by chert type.

Table 3: Chipping Detritus by Chert Type for Location 1 (AiGx-238)

Chert Type	Frequency	% of Total
Onondaga	357	89.47
Kettle Point	47	11.78
Haldimand	6	1.50
Burnt	10	2.51
Unknown	1	0.25
Totals	**421**	**100%**

The scope of this study did not allow for in-depth analysis of flake morphology, however it appears all phases of the reduction sequence are present.

3.1.2 Ceramics

The ceramic collection from Location 1 (AiGx-238) includes 78 fragmentary sherds, 20 body sherds, seven rim sherds, four fragmentary rim sherds, four neck sherds, one shoulder sherd and one pipe stem (Figure 8:8). All of the body sherds recovered are plain and undecorated and range in thickness from 5mm to 12mm. All of the neck and shoulder sherds are plain and undecorated.

Rim Sherds

Seven rim sherds were recovered from the Stage 4 excavations at Location 1 (AiGx-238). All of the rims are stylistically good examples of the type of ceramics manufactured during the historic Neutral, *circa* 1550 A.D. – 1650 A.D.

It was possible to observe the nature of the exterior rim decoration for all of the rim sherds. The most common decorative technique was linear stamping (n=5, 71%) (Figure 8:1-5) followed by plain (n=1, 14%) (Figure 8:7) and one unrecognizable (n=1, 14%) (Figure 8:6). Linear stamping is the most easily recognized technique. It involves the impression of a smooth linear stamp into the clay. Most often this technique is used to create bands of obliques or criss-crosses. Five of the linear stamped rims have design motifs that are single bands of hatched or criss-crossed obliques (Figure 8:2-5) and one has a single band of obliques, (L-R) (Figure 8:1). None of the rims have interior decoration and all of them have flat lip forms with no decoration. One of the rims has a very pronounced collar, (Figure 8:1) two have well-defined collars (Figure 8:5&6) and four of them have no collars.

Figure 7: Location 1 (AiGx-238) Formal Lithic Tools

1: Projectile Point

2: Projectile Point

3: Projectile Point

4: Projectile Point

5: Projectile Point

6: Projectile Point

7: Projectile Point

8: Projectile Point

9: Projectile Point

10: Projectile Point

11: Biface Tip

12: Biface Tip

13: Biface Corner / Midsection

14: Snu-nosed End Scraper

15: Scraper

16: Snubnosed Endscraper

Actual Size

Daniels Triangular Projectile Points (1, 3, 5-9),
Nanticoke Triangular Projectile Points (2 & 4)

Figure 8: Location 1 (AiGx-238) Artifacts

1: Rim Sherd

2: Rim Sherd

3: Rim Sherd

4: Rim Sherd

5: Rim Sherd

6: Rim Sherd

7: Rim Sherd

8: Pipe Stem

9: Glass Bead

10: Unidentified Copper Artifact

Actual Size

3.1.3 Organic

Of the 399 pieces of faunal remains collected from Location 1 (AiGx-238) 205 have been burnt (51%). Mammalian long bone and tooth fragments were noted, as well as the presence of a small amount of shell. A sample of charcoal was also collected.

3.1.4 Metal & Trade Goods

One copper artifact and one glass bead were recovered during the Stage 4 mitigation of Location 1 (AiGx-238). The copper artifact is a small copper plate fragment that has been rolled and crushed (Figure 8:10). This copper artifact is similar to the copper bangles found in grave 14 from the Grimsby site and was probably used for personal decoration (Kenyon 1982:82).

Glass Bead

One round, glass bead was also recovered from Location 1. It is blue-turquoise with a rough surface and measures 6mm in diameter (Figure 8:9). This bead is indicative of the 3rd Glass Bead Period, *circa* A.D. 1630-1650 when round or tubular shaped red and turquoise beads were most predominant (Lennox & Fitzgerald, 1990:432).

3.2 Settlement Pattern and Discussion for Location 1 (AiGx-238)

The settlement pattern data from Location 1 (AiGx-238) consists of the remains of structures that survive as post moulds and subsurface archaeological features such as pits and hearths that served as facilities within the village. All posts and features were mapped in relation to the five metre grid established on the site. Figure 5 provides a detailed illustration of all subsurface marks documented during Stage 4 mitigation of Location 1 (AiGx-238). Figure 6 illustrates the limits of the site where soil was removed in order to expose the subsurface level. Figure 3 illustrates the areas of block excavation in relation to the underlying settlement pattern. In total, 79 posts and 34 pit features were recorded. Complete feature plans and profiles can be found in Appendix D.

The excavations revealed the presence of 29 cultural features and one partial long house. The south wall and south-eastern end of the structure are relatively well defined, while the north wall is relatively incomplete and the western end of the structure was not identified. The soils across the site consisted of a shallow mottled clay, with outcrops of limestone present at the subsoil-topsoil interface. Despite careful shovel shining, post recognition was extremely difficult.

The structure appears to have been approximately six meters wide, and was oriented from the west-northwest to the east-southeast. It appears that the area of relatively dense area of artifacts identified during the Stage 3 assessment and subsequently subject to Stage 4 block excavation, was likely a small end house midden that had been become incorporated into the plough zone. It is also possible that the features that were identified within this midden area are remnants of basal midden deposits rather than purposely dug pits.

Figure 9: AiGx-239 (Location 2) Stage 4 Excavations and Settlement Pattern

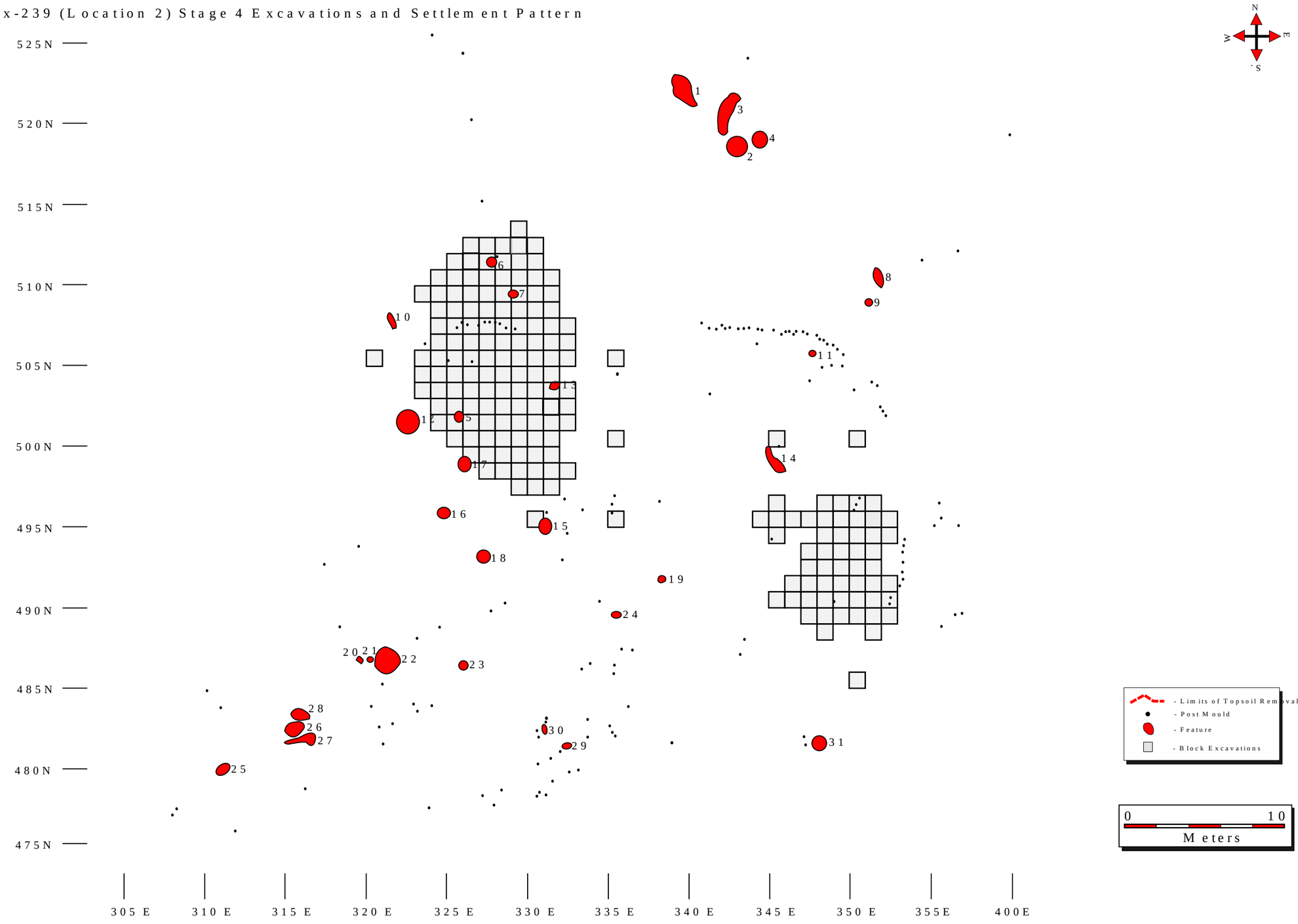
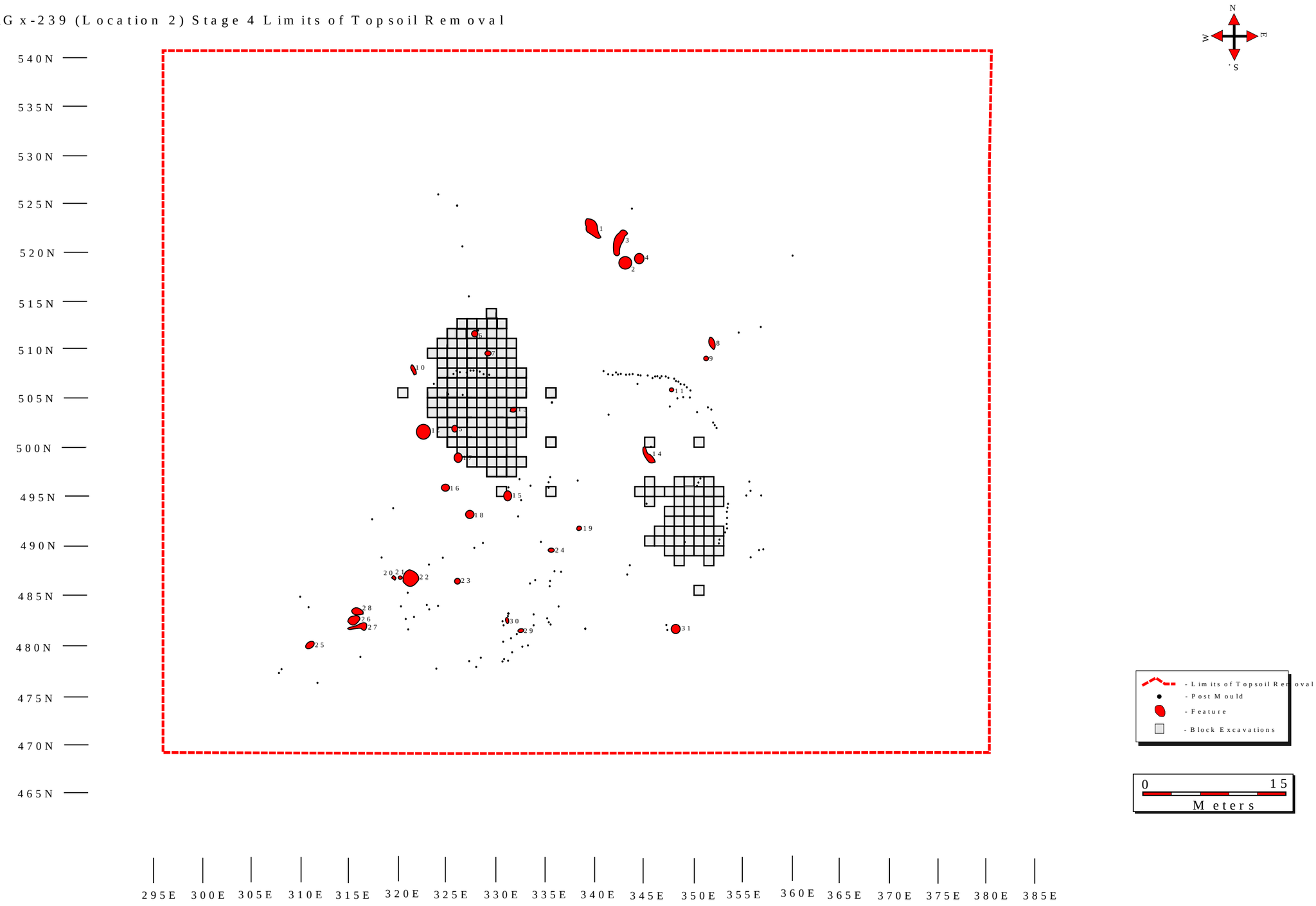


Figure 10: AiGx-239 (Location 2) Stage 4 Limits of Topsoil Removal



The remainder of the pit features were relatively nondescript, and not artifact rich. There was a substantial out crop of limestone to the northeast of the house structure, and further east there were a series of posts and small features. It does not appear that there was a second structure here. Rather it is likely that this area was an activity zone external to House 1. No evidence of a palisade was noted, although a wide area surrounding the house was subject to investigation.

Based on the presence of the European trade goods, including the turquoise round bead dating to *circa* A.D. 1630-1650, the site appears to be a historic Neutral cabin site. Single house sites such as these are generally interpreted as summer agricultural stations, where members of a single family group would tend crops that would later be transported back to the primary village site following harvest. It is suspected that these sites would often be located as much as two kilometres from the main village, and their presence likely indicates that the suitable field areas closer to the village had already been depleted by intensive farming.

4.0 Stage 4 Results for Location 2 (AiGx-239)

4.1 Location 2 (AiGx-239) Artifacts

In total 167 one-metre units and 31 sub-surface features were excavated during the Stage 4 mitigation of Location 2 (AiGx-239), which resulted in the recovery of 3273 artifacts. Table 4 summarizes the artifact inventory from the Stage 4 investigation of Location 2 (AiGx-239). The complete artifact catalogue is provided as Appendix B.

4.1.1 Chipped Lithics

Projectile Points

The Stage 4 mitigation of Location 2 (AiGx-239) resulted in the recovery of 24 projectile points or fragments thereof, each of which is illustrated in Figure 11. The majority of projectile points have been manufactured on Onondaga chert (N=15, 63%), followed by Haldimand chert (N=3, 13%), with the remainder consisting of two of Kettle Point chert, two Ancaster chert and two of Selkirk chert (8% respectively). Table 5 provides the metric data for all projectile points recovered.

Seven of the projectile points recovered have relatively similar morphology as small, thin triangular points with straight basal edges and straight lateral edges. Three of these points have been manufactured on Onondaga chert (Figure 11:2,6&21), two have been manufactured on Selkirk chert (Figure 11:8&14), one has been manufactured on Kettle Point chert (Figure 11:3) and one has been manufactured on Haldimand chert (Figure 11:10).

Table 4: Artifact Summary for Location 2 (AiGx-239)

Artifacts	Frequency	% of Total
Chipped Lithics		
Chipping Detritus	2324	82.56
Biface	57	2.02
Projectile point	24	0.85
Utilized flake	18	0.64
Scraper	5	0.18
Core	4	0.14
Knife	4	0.14
Drill	1	0.04
Spoke-Shave	1	0.04
Graver	1	0.04
Rough Stone Lithics		
Hammerstone	2	0.07
Misc. Modified Groundstone	2	0.07
Hammer/Anvil Stone	1	0.04
Ceramics		
Fragmentary Sherd	185	6.57
Body Sherd	155	5.51
Neck Sherd	29	1.03
Rim Sherd	15	0.53
Fragmentary Rim Sherd	6	0.21
Pipe Stem	3	0.11
Shoulder Sherd	2	0.07
Pipe Stem	2	0.07
Neck Shoulder Sherd	1	0.04
Pipe Bowl	1	0.04
Fragmentary Neck Sherd	1	0.04
Metal		
Copper Fragment	13	0.46
Metal Knife	4	0.14
Metal Lance	1	0.04
Nail, Undetermined Type	3	0.11
Iron Pot/Kettle	2	0.07
Organic		
Faunal remains	393	13.96
Charcoal	10	0.36
Modified Bone Artifact	2	0.07
Glass		
Glass bead	1	0.04
Total	**3273**	**100%**

Table 5: Projectile Point Metric Data for Location 2 (AiGx-239)

(all measurements in millimetres)

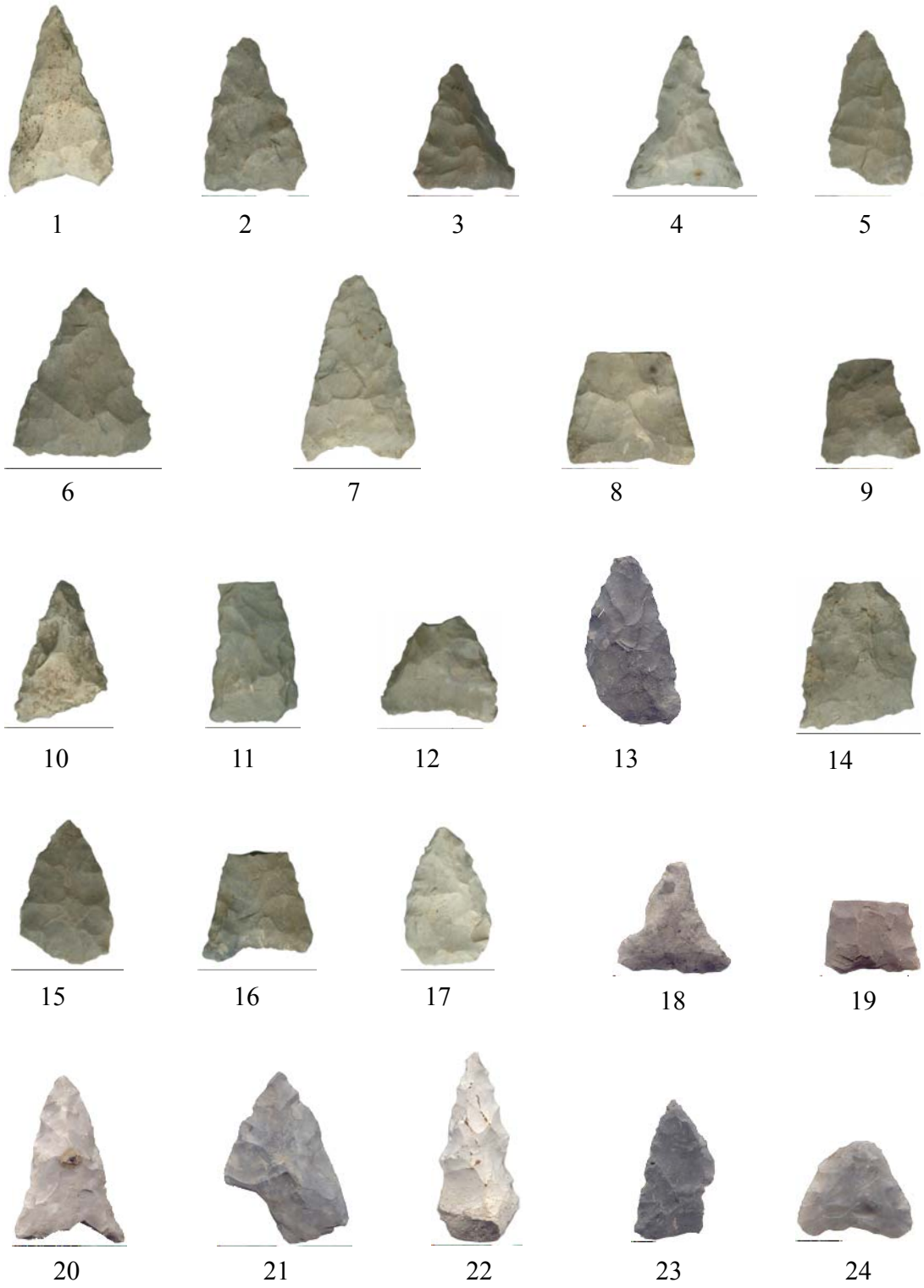
Cat #	Max Length	Max Width	Max Thickness	Chert Type	Figure Reference
454	24	18	4.2	Onondaga	X:4
78	27	23	6	Onondaga	X:6
261	26	17	4	Onondaga	X:20
189	24.5	16	4	Onondaga	X:2
477	25	14	4.4	Onondaga	X:5
415	27	15	5	Onondaga	X:13
345	23	15	3	Onondaga	X:15
136	18	17	4	Onondaga	X:18
291	29	17	5	Ancaster	X:15
407	29.5	18	5	Haldimand	X:7
280	22	14	4	Haldimand	X:17
170	31	13	8.5	Ancaster	X:22
476	20	15	5	Haldimand	X:10
126	20	16	5	Kettle Point	X:3
146	>17	20	5	Onondaga	X:12
356	>16	16	4	Onondaga	X:9
278	27	>19	6	Onondaga	X:21
40	>12	15	4	Kettle Point	X:19
388	>18	18	4	Onondaga	X:16
285	>23	>20	4	Selkirk	X:14
241	>18	20	4.7	Selkirk	X:8
162	>22	13	5	Onondaga	X:11
131	>15	18	3	Onondaga	X:23
483	22	>13	3	Onondaga	X:24

Six of the projectile points recovered have relatively similar morphology as small, thin triangular points with a concave basal edge. Two of these are complete and demonstrate straight lateral edges (Figure 11:1&7), the other four are missing the tip however, it appears from what remains that they too have straight lateral edges (Figure 11:9,16,12,19). Three of the projectile point fragments have been manufactured on Onondaga chert, one fragment has been manufactured on Kettle Point chert, one complete projectile point has been manufactured on Ancaster chert and the final complete concave base projectile point has been manufactured on Haldimand chert.

Three of the projectile points recovered have relatively similar morphology as small, thin triangular points with concave basal and lateral edges. All three of these have been manufactured on Onondaga chert (Figure 11:4,18,20).

Two of the projectile points recovered have relatively similar morphology as very small and very thin leaf-shaped points with straight to convex basal edges and convex lateral edges. One of these has been manufactured on Haldimand chert (Figure 11:17) and one has been manufactured on Onondaga chert (Figure 11:15).

Figure 11: Location 2 (AiGx-239) Projectile Points



Actual Size

Figure 12: Location 2 (AiGx-239) Formal Lithic Tools

1: Concave Sidescraper

2: Snubnosed Endscraper

3: Snubnosed Endscraper

4: Snubnosed Endscraper

5: Endscraper

6: Snubnosed Endscraper

7: Graver

8: Drill

9: Biface

10: Biface

11: Biface

12: Biface

13: Biface

14: Biface

15: Biface

Actual Size

Two of the projectile points recovered have relatively similar morphology as small triangular points with convex lateral edges (Figure 11:5,13). Both of these points are missing basal corners but it appears they have straight basal edges, and both have been manufactured from Onondaga chert.

Two of the projectile points recovered from the Stage 4 excavation of Location 2 (AiGx-239) have a different morphology than the previously examined. The first of these has been manufactured on Ancaster chert, it is very pointed and thick and has cortex still present on the proximal end (Figure 11:22). The second point has been manufactured on Onondaga chert, it is thin and wide with a straight basal edge and is missing the tip (Figure 11:11).

The final two projectile points have both been manufactured from Onondaga chert and are typical Daniels Triangular types commonly recovered from late prehistoric and historic period Neutral sites 1500-1650 A.D. The first of these is thin with straight lateral edges and appears to have a straight basal edge, however it is difficult to be certain because one basal corner is missing (Figure 11:23). The second point is missing its tip, it is a thin triangular point with a concave basal edge and concave lateral edges (Figure 11:24).

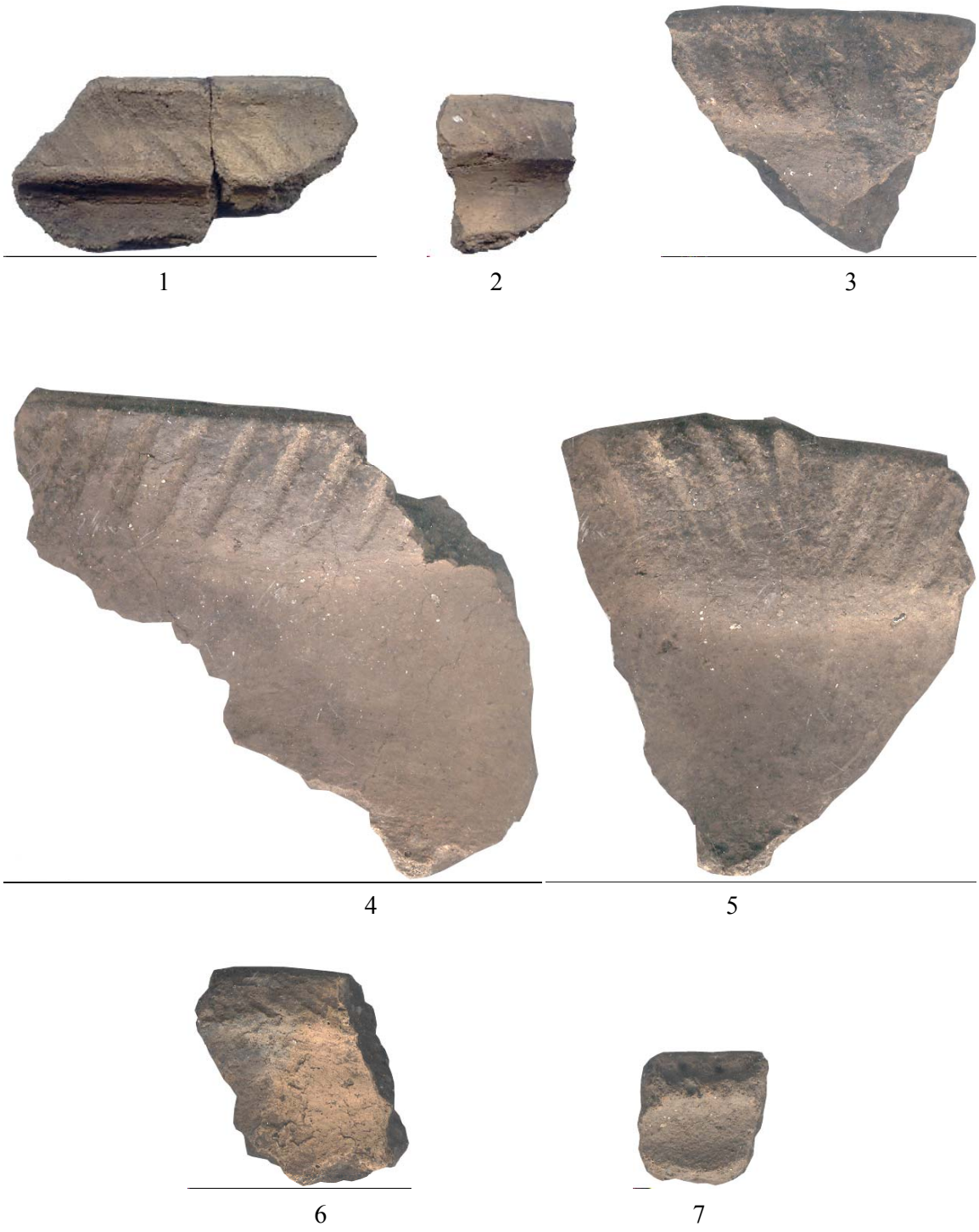
Bifaces

The Stage 4 mitigation of Location 2 (AiGx-239) resulted in the recovery of 57 bifaces or fragments thereof. The majority of biface fragments have been manufactured on Onondaga chert (N=44, 77%), followed by Kettle Point chert (N=7, 12%), Haldimand chert (N=4, 7%), Selkirk chert (N=1, 2%) and one unknown chert type (N=1, 2%). The biface fragment collection consists of 19 base fragments, 15 crude or fragmentary bifaces, 13 tips, seven complete bifaces (Figure 12:9-15) and three corner fragments.

Scrapers

The Stage 4 mitigation of Location 2 (AiGx-239) resulted in the recovery of five scrapers. Four of these provide good examples of the unifacial snub-nosed endscraper that is prolific on Neutral sites (Ellis & Ferris, 1990:421). The first unifacial snub-nosed endscraper measures 38mm in length with a maximum width of 24mm, a maximum thickness of 12mm and a steep area of retouch measuring 13mm in height (Figure 12:3). The second unifacial snub-nosed endscraper is larger, measuring 43mm in length with a maximum width of 28mm, a maximum thickness of 14mm and a steep area of retouch measuring 10mm in height (Figure 12:4). The third snub-nosed endscraper is small, measuring 30mm in length with a maximum width of 19mm and a maximum thickness of 12mm (Figure 12:2). The final snub-nosed endscraper is a fragmentary distal end piece, it measures 19mm in width and is 8.5mm thick (Figure 12:6). All of the snub-nosed endscrapers have been manufactured on Onondaga chert. The remaining endscraper is fragmentary and has been manufactured on Kettle Point chert (Figure 12:5). It measures 23mm in width and is 7mm thick.

Figure 13: Location 2 (AiGx-239) Rim Sherds



Actual Size

Figure 14: Stage 4 Artifacts, Location 2 (AiGx-239)

1: Modified Bone

2: Iron Lance

Obverse

Reverse

3: Brass Lug, from Kettle

Obverse

Reverse

4: Brass Lug, from Kettle

Actual Size

Figure 15: Stage 4 Artifacts, Location 2 (AiGx-239)

1: Pipe Stem Fragment

2: Pipe Stem Fragment

3: Glass Bead

4: Copper Plate Fragments

5: Iron Clasp Knife

6: Iron Knife

7: Iron Knife

Actual Size

Other Formal Lithic Tools

Other formal lithic tools recovered from the Stage 4 mitigation of Location 2 (AiGx-239) include one spoke-shave, one graver and a drill fragment. The spoke-shave recovered has been manufactured on a light Onondaga chert, it has four use-wear areas and measures 36mm in length with a maximum width of 20mm and a maximum thickness of 14mm (Figure 12:1). The graver collected is small, measuring 18mm in length with a maximum width of 11mm and a maximum thickness of 3mm. This artifact has been manufactured on Onondaga chert (Figure 12:7). The drill fragment recovered measures 18mm in length to the break with a width of 7mm and a thickness of 3mm and has been manufactured on Onondaga chert (Figure 12:8).

Utilized Flakes & Chipped Stone Debitage

The Stage 4 mitigation of Location 2 (AiGx-239) resulted in the recovery of 2324 pieces of chipping detritus, 18 utilized flakes and four cores. Of the 18 utilized flakes, 16 have been manufactured on Onondaga chert (89%) and two have been manufactured on Haldimand chert (11%). Of the 4 cores 3 have been manufactured on Onondaga chert (75%) and one has been manufactured on Kettle Point chert (25%).

In total, 2324 pieces of chipping detritus were recovered during the Stage 4 excavation of Location 1 (AiGx-238). Onondaga, Kettle Point and Ancaster chert are all represented within the collection. This is likely due to the close proximity of Neutral territories to a variety of chert sources, Onondaga chert from the northeast shore of Lake Erie, Ancaster chert from the Niagara escarpment at the western end of Lake Ontario, and Kettle Point chert from the southeast shore of Lake Huron (Ellis & Ferris, 1990:420). Table 6 provides a breakdown of the chipping detritus by chert type.

Table 6: Chipping Detritus by Chert Type for Location 2 (AiGx-239)

Chert Type	Frequency	% of Total
Onondaga	2056	89.08
Kettle Point	175	7.58
Haldimand	22	0.95
Burnt	68	2.95
Unknown	3	0.13
Totals	**2324**	**100%**

The scope of this study did not allow for in depth analysis of flake morphology, however it appears all phases of the reduction sequence are present.

4.1.2 Ceramics

The ceramic collection from the Stage 4 excavation of Location 2 (AiGx-239) includes 185 fragmentary sherds, 155 body sherds, 29 neck sherds, 15 rim sherds, six fragmentary rim sherds, three pipe stem fragments (Figure 15:1&2), two shoulder sherds, one neck/shoulder sherd and one fragmentary neck sherd.

Rim Sherds

15 rim sherds were recovered from the Stage 4 excavations at Location 2 (AiGx-239). All of the rims are stylistically good examples of the type of ceramics manufactured during the Neutral confederacy, *circa* 1550 A.D. – 1650 A.D.

It was possible to observe the nature of the exterior rim decoration for all of the rim sherds. All of the rim sherds were decorated using the linear stamping technique (n=15, 100%) (Figure 13:1-7). Linear stamping is the most easily recognized technique. It involves the impression of a smooth linear stamp into the clay. Most often this technique is used to create bands of obliques or criss-crosses. There appears to be seven separate vessels present in this sample of recovered rims.

There are two rims from the first vessel that have been mended together (Figure 13:1). The two fragments of this vessel were found in adjacent one metre units: 325E 505N:12 and 325E 505N:18. This vessel has a well-defined collar with a flat undecorated lip and interior, and exhibits incised obliques (L-R). The second vessel has one rim sherd with a well-defined collar (Figure 13:2). It exhibits stamped or incised obliques (L-R) and has a flat and smoothed plain lip and interior.

Rim sherds from four separate vessels (vessels 3, 4, 5 & 6) were recovered from Feature 22. There are two rims from the third vessel which have collars, plain flat lips, no interior decoration and a single band of obliques (L-R) (Figure 13:3). There are four rims from the fourth vessel which also have collars, plain flat lips, no interior decoration and a single band of obliques (R-L) (Figure 13:4). There are three rims that can be grouped as a fifth vessel, one of these has a slight vertical castellation (Figure 13:5). The rims from the fifth vessel have collars, no interior decoration, flat lips with no decoration and a single band of obliques (L-R & R-L). There are 2 rims from the sixth vessel which have small collars, undecorated flat lips, no interior decoration and a single band of obliques (L-R) (Figure 13:6).

A single rim sherd from what can be categorized as the seventh vessel was recovered from Feature 26. This rim has a small collar, a narrow flat lip with no decoration and a single band of incised linear punctuates (Figure 13:7).

4.1.3 Rough and Ground Stone Tools

The rough or ground stone tool assemblage from the Stage 4 mitigation of Location 2 (AiGx-239) includes two hammer stones, two modified ground stone fragments and one hammer/anvil stone. The modified ground stone fragments have been ground and are likely celt fragments. The hammer stones and hammer/anvil stone all exhibit one or more heavily pitted areas.

4.1.4 Metal & Trade Goods

The Stage 4 excavation of Location 2 (AiGx-239) resulted in the recovery of 13 copper alloy sheet fragments (Figure 15:4), three nails of an undetermined type, two iron knife fragments (Figure 15:6,7), two brass lugs, one iron lance head (Figure 14:2), one iron clasp knife (Figure 15:5) and one glass bead.

<u>Kettle Lugs</u>

The first brass lug has two copper rivets, one intact corner that is folded-over and measures 5.4cm by 5.4cm (Figure 14:3). This style of lug with the folded over corners is very similar to several of the kettle lugs that were found on the Grimsby site, such as the specimens recovered from Grave 30 (Kenyon 1982:127). The second lug is a folded-over brass lug with two copper rivets, clipped off rounded corners and a hole for the kettle handle, it measures 6.8cm by 7.2cm (Figure 14:4). This style of lug was more popular than the style with folded over corners and is found in abundance on Neutral sites such as the Grimsby site (Kenyon 1982). Both of the lugs are made of brass, a material that was in greater use for trade goods after 1600 due to the trend of European goods being manufactured of a poorer quality (Lennox & Fitzgerald, 1990:420).

Glass Bead

The glass bead is round in shape, is a blue-turquoise colour and measures 6mm in diameter (Figure 15:3). This bead is indicative of the 3rd Glass Bead Period, *circa* A.D. 1630-1650 when round or tubular red and turquoise beads were most predominant (Lennox & Fitzgerald, 1990:432).

4.1.5 Organic

In total, 393 pieces of faunal remains were recovered from the Stage 4 excavation of Location 2 (AiGx-239). Of these 131, or 33%, showed evidence of exposure to heat, from slight burn marks to complete calcination. Two pieces of modified bone were recovered from the Stage 4 mitigation; one of these shows evidence of grinding and the other has cut marks along all edges (Figure 14:1). A sample of charcoal was also recovered from Location 2 Stage 4 excavations.

4.2 Settlement Pattern and Discussion for Location 2 (AiGx-239)

The settlement pattern data from Location 2 (AiGx-239) consists of the remains of structures that survive as post moulds and subsurface archaeological features such as pits and hearths that served as facilities within the village. All posts and features were mapped in relation to the five metre grid established on the site. Figure 9 provides a detailed illustration of all subsurface marks documented during Stage 4 mitigation of Location 1 (AiGx-238). Figure 10 illustrates the limits of the site where soil was removed in order to expose the subsurface level. Figure 4 illustrates the areas of block excavation in relation to the underlying settlement pattern. In total, 148 posts and 31 pit features were recorded. Complete feature plans and profiles can be found in Appendix D.

The settlement pattern from Location 2 is less clear than Location 1, as post mold preservation was extremely poor. Along the northeastern limit of the site there is a reasonably well-preserved row of posts that may represent a segment of a palisade. No house structures are clearly evident, although the presence to two discrete areas of

Figure 16: Location 4 (AiGx-240) Settlement Pattern and Limits of Topsoil Removal

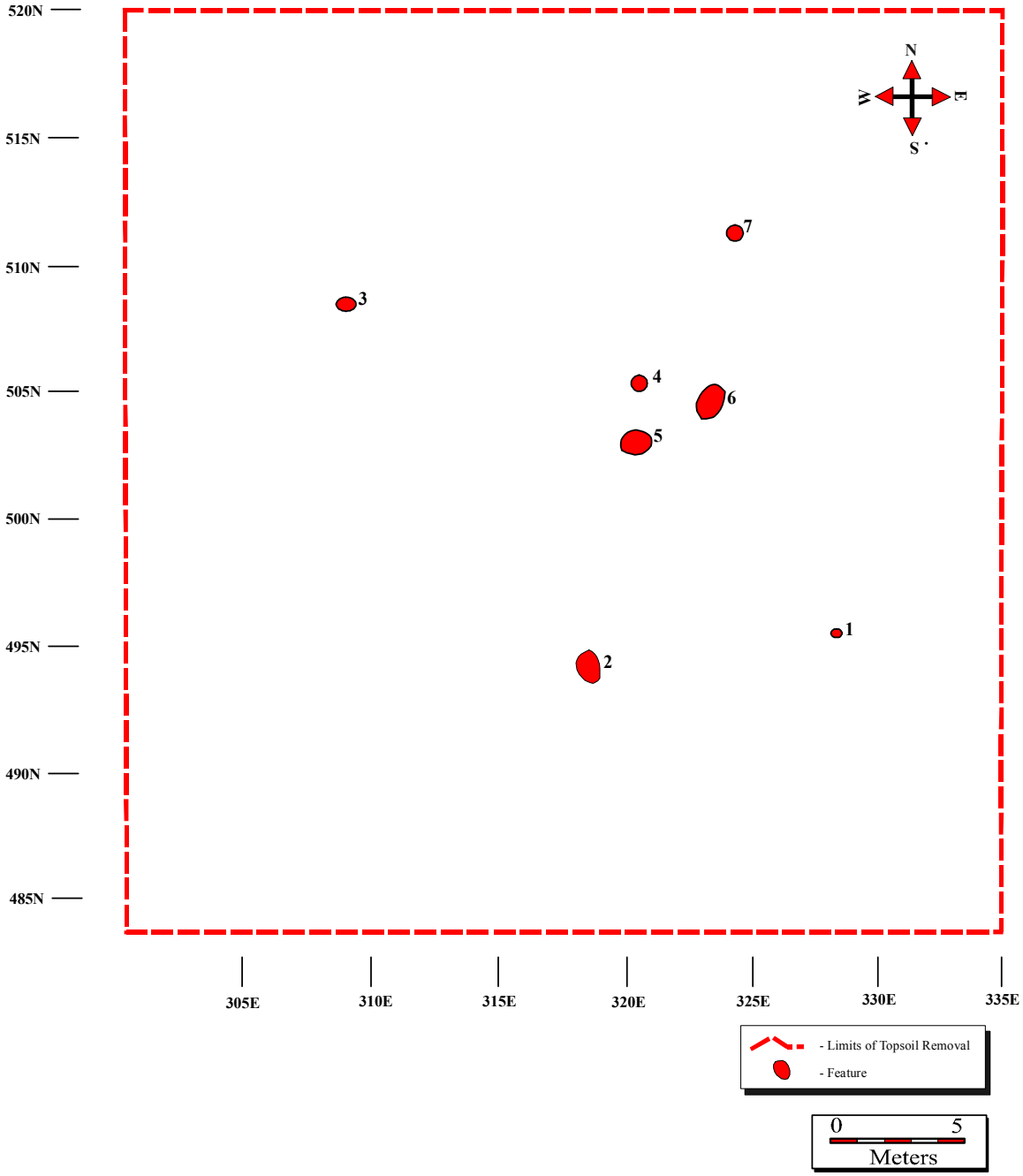


Figure 17: Location 4 (AiGx-240) Rim Sherds

1: Rim Sherd 2: Rim Sherd 3: Rim Sherd

Actual Size

Figure 18: Location 1(AiGx-238) Documentation of Sub-Surface Features

elevated artifact counts (sheet middens), suggests the presence of at least two structures. It is quite possible that Location 2 (AiGx-239) represents a small, palisaded hamlet, similar to the Bogle 1 and Bogle 2 sites described by Lennox (1984).

Based on the presence of numerous French trade goods on the site, it appears that the site was occupied during the Increasing Trade Era *circa* A.D. 1630-1650.

5.0 Stage 4 Results for Location 4 (AiGx-240)

5.1 Location 4 (AiGx-240) Artifacts

The cautionary topsoil stripping at Location 4 resulted in the discovery of seven features, from which were excavated at 53 additional artifacts. Table 4 summarizes the artifact inventory from the Stage 4 investigation of Location 4 (AiGx-240). The complete artifact catalogue is provided as Appendix C.

Table 7: Artifact Summary for Location 4 (AiGx-240)

Artifacts	Frequency	% of Total
Ceramics		
Fragmentary Sherd	28	52.83
Body Sherd	10	18.87
Rim Sherd	4	7.55
Rim Sherd, Fragmentary	1	1.89
Shoulder Sherd	1	1.89
Chipped Lithics		
Chipping Detritus	2	3.77
Organic		
Bone Fragment	7	13.21
Total	**53**	**100%**

5.1.1 Chipped Lithics

The Stage 4 mitigation of Location 4 (AiGx-240) resulted in the recovery of two pieces of chipping detritus of Onondaga chert.

5.1.2 Ceramics

The ceramic collection from the Stage 4 excavation of Location 4 (AiGx-240) includes 28 fragmentary sherds, ten body sherds, four rim sherds, one fragmentary rim sherd and one shoulder sherd.

Rim Sherds

Four rim sherds were recovered from the Stage 4 excavations at Location 4 (AiGx-240). All four rims are stylistically good examples of the type of ceramics manufactured during the historic Neutral period, *circa* 1550 A.D. – 1650 A.D.

The rims recovered from Location 4 are from two different ceramic vessels, two rims from each vessel. The first two are from what would have been a small pot with a narrow collar. These rims are decorated using the cord-wrapped stick technique, with a band of decoration along the neck and shoulder divide, a band along the collar and a decorative band of indentations along the flat lip (Figure 17:1&2). These two rims have no interior decoration but their bodies are decorated with a cord-wrapped stick design that has subsequently been smoothed over. The two rims from the second vessel have no collars, very narrow flat lips with no decoration, no interior decoration and a band of linear stamped vertical obliques (Feature 17:3).

5.1.3 Organic

Seven pieces of faunal remains were recovered from the Stage 4 excavation of Location 4 (AiGx-240). Of these six (86%) showed evidence of exposure to heat ranging from slight burn marks to complete calcination.

5.2 Settlement Pattern and Discussion for Location 4 (AiGx-240)

The settlement pattern data from Location 4 (AiGx-240) consists of the remains of subsurface archaeological features such as pits and hearths that served as facilities within the village. All features were mapped in relation to the five metre grid established on the site. Figure 16 provides a detailed illustration of all subsurface marks documented during Stage 4 mitigation of Location 1 (AiGx-238) and the limits of the site where soil was removed in order to expose the subsurface level. In total seven pit features were recorded. Complete feature plans and profiles can be found in Appendix D.

The absence of any posts or substantial plough-zone accumulation of artifacts suggests that Location 4 is unlikely to represent the remains of a cabin site similar to Location 1. Rather Location 4 appears to comprise the remains of a temporary camp or activity area.

The presence of the glass trade bead located on the surface during the Stage 2 assessment indicates that this site was occupied during the historic Neutral period between 1600 and 1650.

Figure 19: Stage 4 Excavations at Location 2 (AiGx-239)

Figure 20: Stage 4 Excavations at Location 2 (AiGx-239)

Figure 21: Sub-Surface Mapping at Location 2 (AiGx-239)

Figure 22: Mechanical Removal of Topsoil and Sub-Surface Mapping at Location 2 (AiGx-239)

Figure 23: Plan of Feature 12, Location 1 (AiGx-238)

Figure 24: Plan of Feature 15, Location 2 (AiGx-239)

Figure 25: Profile of Feature 12, Location 2 (AiGx-239)

Figure 26: Profile of Feature 6, Location 4 (AiGx-240)

6.0 RECOMMENDATIONS

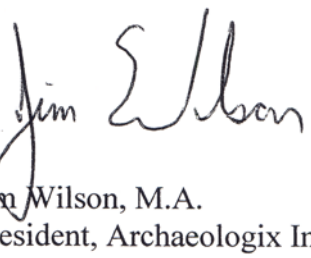
An archaeological assessment (Stages 1, 2 & 3) was previously conducted on an approximate 200 acre property located on Lots 17 & 18, Concession 2 NDS, City of Burlington, R.M. of Halton, Ontario. The Stage 2 field assessment resulted in the identification of five previously unregistered pre-contact Aboriginal sites. Additional Stage 3 assessment was recommended for three of the sites to further evaluate their significance and information potential (Location 1, AiGx-238; Location 2, AiGx-239; and Location 4, AiGx-240). The Stage 3 testing of Locations 1 and 2 resulted in the recovery of sufficient pre-contact Aboriginal cultural material to warrant additional Stage 4 investigation. The Stage 3 testing of Location 4 resulted in the recovery of a smaller amount of cultural material, but enough to warrant limited Stage 4 testing. This report details the results of the required Stage 4 excavations at Location 1 (AiGx-238), Location 2 (AiGx-239) and Location 4 (AiGx-240).

The Stage 4 assessment of Location 1 (AiGx-238) resulted in the documentation of a historic Neutral period cabin site, *circa* 1600-1650 A.D. The Stage 4 assessment of Location 2 (AiGx-239) resulted in the documentation of another small Aboriginal cabin site or small hamlet. The diagnostic artifacts recovered also suggest an occupation during the historic Neutral period, *circa* 1600-1650 A.D. The Stage 4 assessment of Location 4 (AiGx-240) resulted in the documentation of a small area of Aboriginal activity. The diagnostic artifacts recovered from this Location also date to the historic Neutral period, *circa* 1600-1650 A.D.

This assessment was undertaken as part of an aggregate pit licensing application in accordance with Sections 2.2.3 and 2.2.4 of the *Aggregate Resources Act* Provincial Standards. The Stage 4 mitigation at Location 1 (AiGx-238), Location 2 (AiGx-239) and Location 4 (AiGx-240) is now complete and no further archaeological fieldwork is required. The Ministry of Culture is asked to review this report and issue a letter of clearance for the subject property.

Should deeply buried archaeological material be found on the property during excavation activities, the Ministry of Culture should be notified immediately (519)-675-7742. In the event that human remains are encountered during excavation, the proponent should immediately contact both the Ministry of Culture and the Registrar or Deputy Registrar of the Cemeteries Regulation Unit of the Ministry of Consumer and Commercial Relations, (416) 326-8392.

Respectfully Submitted by



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APPENDIX A:
Complete Catalogue for Location 1 (AiGx-238)

Cat	Context	Depth	Artifact	Freq	Comments
30	320E 505N:8	0-18	chipping detritus	5	Onondaga chert
31	325E 505N:16	0-18	projectile point	1	small triangular, missing corner, Onondaga chert
32	325E 505N:16	0-18	chipping detritus	8	5 Onondaga, 3 Kettle Point
33	325E 505N:16	0-18	body sherd	1	
34	325E 505N:16	0-18	fragmentary sherd	2	
35	325E 505N:16	0-18	faunal remains	2	1 tooth fragment, 1 calcined
36	320E 505N:25	0-20	faunal remains	1	long bone fragment
37	320E 505N:25	0-20	chipping detritus	6	2 Kettle Point, 2 Onondaga, 2 burnt
38	325E 505N:12	0-19	body sherd	1	
39	325E 505N:12	0-19	faunal remains	1	burnt, long bone fragment
40	325E 505N:12	0-19	chipping detritus	8	6 Onondaga, 1 Kettle Point
41	325E 505N:21	0-22	biface	1	corner fragment, Onondaga
42	325E 505N:21	0-22	chipping detritus	5	4 Onondaga, 1 Ketlle Point
43	320E 505N:13	0-16	chipping detritus	6	3 Onondaga, 3 Kettle Point
44	320E 505N:19	0-16	faunal remains	2	1 calcined
45	320E 505N:19	0-16	chipping detritus	7	5 Onondaga, 2 burnt
46	325E 505N:18	0-18	scraper	1	end scraper, Onondaga
47	325E 505N:18	0-18	chipping detritus	8	5 Onondaga, 2 burnt, 1 unknown chert
48	325E 500N:16	0-23	chipping detritus	4	1 Onondaga, 2 Kettle Point, 1 burnt
49	325E 505N:13	0-17	chipping detritus	5	Onondaga chert
50	325E 505N:13	0-17	faunal remains	1	possible shell
51	325E 505N:23	0-22	projectile point	1	complete small triangular, Onondaga
52	325E 505N:23	0-22	biface	1	fragment, Onondaga
53	325E 505N:23	0-22	fragmentary sherd	3	
54	325E 505N:23	0-22	chipping detritus	9	5 Onondaga, 4 Kettle Point
55	325E 505N:23	0-22	faunal remains	1	calcined
56	325E 505N:19	0-24	faunal remains	7	calcined
57	325E 505N:19	0-24	chipping detritus	14	10 Onondaga, 2 Kettle Point, 2 unknown (Haldimand?)
58	325E 505N:19	0-24	fragmentary sherd	2	
59	325E 505N:22	0-23	faunal remains	2	calcined
60	325E 505N:22	0-23	chipping detritus	6	Onondaga chert
61	325E 505N:22	0-23	fragmentary sherd	1	
62	330E 500N:22	0-23	projectile point	1	small triangular, Onondaga chert
63	330E 500N:22	0-23	chipping detritus	2	1 Onondaga, 1 Kettle Point
64	330E 500N:22	0-23	faunal remains	3	2 calcined

65	330E 500N:22	0-23	fragmentary sherd	1	
66	325E 505N:21	0-21	chipping detritus	4	2 Kettle Point, 1 Onondaga, 1 burnt
67	325E 505N:21	0-21	utilized flake	1	banded Kettle Point
68	325E 505N:21	0-21	faunal remains	9	7 calcined
69	325E 505N:21	0-21	fragmentary sherd	1	
70	325E 510N:1	0-21	chipping detritus	6	Onondaga chert
71	320E 505N:20	0-19	chipping detritus	15	13 Onondaga, 2 Kettle Point
72	325E 510N:3	0-20	faunal remains	1	calcined
73	325E 510N:3	0-20	fragmentary sherd	1	
74	325E 510N:3	0-20	chipping detritus	6	4 Onondaga, 2 Kettle Point
75	320E 505N:18	0-15	fragmentary sherd	1	
76	320E 505N:18	0-15	scraper	1	informal, Kettle Point
77	320E 505N:18	0-15	chipping detritus	3	Onondaga chert
78	320E 505N:18	0-15	utilized flake	1	Kettle Point
79	330E 505N:7	0-26	chipping detritus	6	Onondaga chert
80	325E 505N:17	0-20	fragmentary sherd	1	
81	325E 505N:17	0-20	chipping detritus	7	6 Onondaga, 1 Ketttle Point
82	325E 505N:17	0-20	faunal remains	3	calcined
83	325E 505N:20	0-21	chipping detritus	3	2 Onondaga, 1 unknown (Haldimand?)
84	325E 505N:20	0-21	faunal remains	1	calcined
85	330E 500N:16	0-35	chipping detritus	3	2 Onondaga, 1 Kettle Point
86	330E 500N:16	0-35	faunal remains	2	calcined
87	325E 500N: 24	0-23 cm	chipping detritus	5	5 Onondaga
88	325E 50N: 24	0-23 cm	fragmentary sherd	1	
89	320E 500N: 22	0-27 cm	chipping detritus	5	5 Onondaga
90	325E 505N: 2	0-24 cm	chipping detritus	4	4 Onondaga
91	325E 505N: 2	0-24 cm	faunal remains	1	
92	325E 505N: 2	0-24 cm	fragmentary sherd	1	
93	325E 505N: 2	0-24 cm	projectile point	1	Onondaga chert
94	320E 505N: 10	0-23 cm	chipping detritus	4	4 Onondaga
95	320E 505N: 10	0-23 cm	faunal remains	1	
96	320E 505N: 10	0-23 cm	shoulder sherd	1	
97	320E 505N: 10	0-23 cm	fragmentary sherd	1	
98	325E 505N: 8	0-23 cm	chipping detritus	11	11 Onondaga
99	325E 505N: 8	0-23 cm	faunal remains	3	3 burnt
100	325E 505N: 8	0-23 cm	fragmentary sherd	3	
101	325E 505N: 8	0-23 cm	utilized flake	2	2 Onondaga chert
102	325E 505N: 11	0-22 cm	chipping detritus	7	7 Onondaga

103	325E 505N: 11	0-22 cm	faunal remains	4	3 burnt
104	325E 505N: 11	0-22 cm	fragmentary sherd	1	
105	325E 500N: 25	0-24 cm	chipping detritus	7	7 Onondaga
106	325E 500N: 25	0-24 cm	faunal remains	2	1 burnt
107	325E 500N: 25	0-24 cm	projectile point	1	Onondaga chert
108	325E 500N: 25	0-24 cm	body sherd	1	
109	325E 505N: 4	0-23 cm	chipping detritus	8	8 Onondaga
110	320E 500N: 23	0-25 cm	chipping detritus	8	8 Onondaga
111	320E 500N: 23	0-25 cm	faunal remains	2	1 burnt
112	320E 500N: 23	0-25 cm	fragmentary sherd	2	
113	325E 505N: 6	0-22 cm	chipping detritus	11	10 Onondaga, 1 Kettle Point
114	325E 500N: 6	0-22 cm	faunal remains	4	4 burnt
115	325E 505N: 6	0-22 cm	projectile point	1	Onondaga chert
116	320E 500N: 18	0-25 cm	chipping detritus	3	2 Onondga, 1 Kettle Point
117	320E 500N: 18	0-24 cm	faunal remains	1	burnt
118	320E 500N: 18	0-24 cm	body sherd	1	
119	320E 500N: 18	0-24 cm	projectile point	1	Onondaga chert
120	320E 500N: 24	0-24 cm	chipping detritus	13	12 Onondaga, 1 Kettle Point
121	325E 500N: 21	0-23 cm	chipping detritus	8	8 Onondaga
122	325E 500N: 21	0-23 cm	faunal remains	4	2 burnt, 2 calcined
123	325E 500N:21	0-23 cm	fragmentary sherd	2	
124	325E 500N: 21	0-23 cm	scraper	1	Onondaga chert
125	325E 500N: 21	0-23 cm	Misc. copper artifact	1	tinkler?
126	325E 505N: 14	0-24 cm	chipping detritus	5	4 Onondaga, 1 burnt
127	325E 505N: 14	0-24 cm	faunal remains	3	2 burnt, 1 calcined
128	325E 505N: 14	0-24 cm	body sherd	1	
129	325E 505N: 9	0-24 cm	chipping detritus	10	9 Onondaga, 1 Kettle Point
130	330E 500N: 21	0-24 cm	chipping detritus	10	10 Onondaga
131	330E 500N: 21	0-24 cm	faunal remains	1	burnt
132	320E 505N: 3	0-24 cm	chipping detritus	9	9 Onondaga
133	320E 505N: 3	0-24 cm	biface	1	fragment, Onondaga chert
134	325E 500N: 22	0-23 cm	chipping detritus	2	2 Onondaga
135	325E 500N: 22	0-23 cm	faunal remains	2	1 burnt
136	325E 500N: 22	0-23 cm	body sherd	1	
137	325E 500N: 22	0-23 cm	red ocre	1	
138	325E 500N: 23	0-25 cm	chipping detritus	5	5 Onondaga
139	325E 500N: 23	0-25 cm	biface	1	missing base, Onondaga chert
140	320E 500N: 19	0-24 cm	chipping detritus	3	2 Onondaga, 1 Kettle Point

141	320E 500N: 19	0-24 cm	fragmentary sherd	1	
142	320E 500N: 19	0-24 cm	faunal remains	1	burnt
143	320E 500N: 19	0-24 cm	projectile point	1	lateral edge, missing tip
144	325E 505N: 10	0-25 cm	chipping detritus	7	6 Onondaga, 1 burnt
145	325E 505N: 7	0-23 cm	chipping detritus	9	8 Onondaga, 1 Kettle Point
146	325E 505N: 7	0-23 cm	body sherd	1	
147	325E 505N: 7	0-23 cm	fragmentary sherd	1	
148	325E 505N: 3	0-23 cm	chipping detritus	15	13 Onondaga, 1 Kettle Point, 1 Haldimand
149	325E 505N: 3	0-23 cm	faunal remains	3	1 burnt
150	325E 505N: 3	0-23 cm	body sherd	1	
151	320E 500N: 25	0-24 cm	chipping detritus	7	6 Onondaga, 1 Kettle Point
152	320E 500N: 25	0-24 cm	faunal remains	2	1 calcined
153	330E 505N: 6	0-25 cm	chipping detritus	6	5 Onondaga, 1 Haldimand
154	330E 505N: 6	0-25 cm	faunal remains	2	2 burnt
155	330E 505N: 6	0-25 cm	fragmentary sherd	1	
156	320E 505N: 9	0-23 cm	chipping detritus	12	12 Onondaga
157	320E 505N: 9	0-23 cm	faunal remains	6	2 burnt
158	320E 505N: 9	0-23 cm	projectile point	1	Onondaga chert
159	320E 505N: 14	0-22 cm	chipping detritus	9	9 Onondaga
160	320E 505N: 14	0-22 cm	faunal remains	1	burnt
161	320E 505N: 14	0-22 cm	biface	1	tip, Onondaga chert
162	320E 505N: 14	0-22 cm	fragmentary sherd	1	
163	320E 505N: 15	0-22 cm	chipping detritus	4	4 Onondaga
164	320E 505N: 15	0-22 cm	faunal remains	5	2 burnt
166	320E 505N:5	0-23	projectile point	1	small triangular, Onondaga chert
167	320E 505N:5	0-23	faunal remains	1	calcined
168	320E 505N:5	0-23	chipping detritus	13	10 Onondaga, 3 Kettle Point
169	320E 505N:4	0-23	biface	1	tip, Onondaga chert
170	320E 505N:4	0-23	faunal remains	1	
171	320E 505N:4	0-23	chipping detritus	18	12 Onondaga, 5 Kettle Point, 1 Haldimand
172	300E 505N:2	-	faunal remains	2	burnt
173	300E 505N:2	-	fragmentary sherd	1	
174	300E 505N:2	-	chipping detritus	3	Onondaga chert
175	325E 505N:5	0-24	faunal remains	4	
176	325E 505N:5	0-24	chipping detritus	13	9 Onondaga, 4 Kettle Point
177	Feature 7	0-28	projectile point	1	triangular point (Levanna-like), Onondaga chert
178	Feature 7	0-28	chipping detritus	3	

179	Feature 7	0-28	bone fragment	4	1 calcined
180	Feature 22	smear	chipping detritus	4	
181	Feature 22	smear	aboriginal pipe stem	1	
182	Feature 22	smear	body sherd	1	
183	Feature 22	smear	fragmentary sherd	3	
184	Feature 22	smear	bone fragment	11	5 calcined
185	Feature 20	0-20	bone fragment	4	
186	Feature 15	-	body sherd	1	
187	Feature 16	0-10	chipping detritus	2	
188	Feature 34	-	fragmentary sherd	1	
189	Feature 34	-	chipping detritus	1	
190	Feature 30	-	rim sherd	1	
191	Feature 30	-	rim sherd, fragmentary	1	
192	Feature 30	-	chipping detritus	1	
193	Feature 30	-	fragmentary sherd	2	
196	Feature 30	-	rim sherd, fragmentary	1	
194	Feature 12	0-25	chipping detritus	1	
195	Feature 12	0-25	bone fragment	4	
197	Feature 8	-	rim sherd	1	
198	Feature 8	-	rim sherd	1	
199	Feature 8	-	neck sherd	1	
200	Feature 8	-	body sherd	3	
201	Feature 8	-	fragmentary sherd	2	
202	Feature 8	-	chipping detritus	2	
203	Feature 8	-	bone fragment	4	3 calcined
204	Feature 1	-	rim sherd	1	
205	Feature 1	-	rim sherd	1	
206	Feature 1	-	rim sherd	1	
207	Feature 1	-	rim sherd, fragmentary	1	
208	Feature 1	-	rim sherd, fragmentary	1	
209	Feature 1	-	neck sherd	1	
210	Feature 1	-	body sherd	2	
211	Feature 1	-	fragmentary sherd	21	
212	Feature 1	-	bone fragment	1	
213	Feature 14	-	body sherd	2	
214	Feature 14	-	fragmentary sherd	7	

215	Feature 14	-	charcoal	13	
216	Feature 14	-	bone fragment	136	84 calcined
217	Feature 9	-	neck sherd	1	
218	Feature 9	-	body sherd	1	
219	Feature 9	-	fragmentary sherd	1	
220	Feature 9	-	chipping detritus	7	
221	Feature 9	-	bone fragment	27	8 calcined
222	Feature 21	0-45	bead	1	blue glass bead
223	Feature 21	0-45	rim sherd	1	
224	Feature 21	0-45	neck sherd	1	
225	Feature 21	0-45	body sherd	2	
226	Feature 21	0-45	fragmentary sherd	12	
227	Feature 21	0-45	chipping detritus	1	
228	Feature 21	0-45	bone fragment	116	41 calcined

APPENDIX B:
Complete Catalogue for Location 2 (AiGx-239)

Cat	Context	Depth	Artifact	Freq	Comments
37	320E 500N:19	0-30	chipping detritus	4	3 Onondaga & 1 Kettle Point chert
38	330E 495N:17	0-28	chipping detritus	13	11 Onondaga & 2 Kettle Point chert
39	330E 495N:17	0-28	faunal remains	2	1 calcined
40	330E 505N:3	0-25	projectile point	1	base, Kettle Point chert
41	330E 505N:3	0-25	chipping detritus	7	Onondaga chert
42	330E 505N:16	0-21	faunal remains	3	
43	330E 505N:16	0-21	chipping detritus	17	14 Onondaga, 2 Kettle Point & 1 Haldimand chert
44	325E 500N:6	0-37	faunal remains	1	burnt
45	325E 500N:6	0-37	chipping detritus	15	1 Kettle Point, 1 burnt & 13 Onondaga chert
46	325E 500N:17	0-32	copper fragment	1	copper
47	325E 500N:17	0-32	chipping detritus	32	27 Onondaga, 4 Kettle Point & 1 burnt chert
48	325E 500N:17	0-32	faunal remains	4	2 calcined
49	325E 500N:17	0-32	body sherd	1	
50	325E 500N:17	0-32	fragmentary sherd	1	
51	330E 505N:17	0-29	chipping detritus	6	5 Onondaga & 1 Kettle Point chert
52	330E 495N:18	0-20	chipping detritus	6	Onondaga chert
53	325E 510N:5	0-22	faunal remains	1	
54	325E 510N:5	0-22	Biface	1	missing tip, Onondaga chert
55	325E 510N:5	0-22	Biface	1	crude fragment, Onondaga chert
56	325E 510N:5	0-22	fragmentary sherd	1	
57	325E 510N:5	0-22	chipping detritus	18	Onondaga chert
58	325E 510N:5	0-22	utilized flake	1	Onondaga chert
59	320E 500N:10	0-38	chipping detritus	9	8 Onondaga & 1 Kettle Point chert
60	325E 500N:12	0-29	faunal remains	1	calcined
61	325E 500N:12	0-29	body sherd	1	
62	325E 500N:12	0-29	copper fragment	1	small fragment, copper
63	325E 500N:12	0-29	chipping detritus	17	15 Onondaga & 2 Kettle Point chert
64	330E 510N:2	0-25	fragmentary sherd	1	
65	330E 510N:2	0-25	chipping detritus	5	Onondaga chert
66	330E	0-25	chipping detritus	10	Onondaga chert

	495N:22				
67	330E 495N:22	0-25	fragmentary sherd	2	
68	325E 500N:7	0-24	chipping detritus	8	6 Onondaga, 1 Kettle Point & 1 burnt chert
69	325E 500N:7	0-24	faunal remains	2	1 calcined
70	325E 500N:7	0-24	utilized flake	1	Onondaga chert
71	330E 510N:6	0-23	faunal remains	1	calcined
72	330E 510N:6	0-23	utilized flake	1	Onondaga chert
73	330E 510N:6	0-23	chipping detritus	4	3 Onondaga & 1 burnt chert
74	325E 500N:2	0-30	chipping detritus	9	7 Onondaga & 2 Kettle Point chert
75	325E 500N:2	0-30	body sherd	2	
76	330E 500N:7	0-27	fragmentary sherd	1	
77	330E 500N:7	0-27	chipping detritus	16	14 Onondaga, 2 Kettle Point chert
78	325E 510N:10	0-22	projectile point	1	
79	325E 510N:10	0-22	chipping detritus	12	Onondaga chert
80	325E 510N:9	0-24	chipping detritus	16	Onondaga chert
81	325E 510N:9	0-24	Biface	1	small triangular, Onondaga chert
82	325E 510N:9	0-24	Biface	1	missing tip (possible strike-a-light or drill)
83	325E 510N:9	0-24	utilized flake	1	Onondaga chert
84	330E 500N:8	0-27	chipping detritus	7	5 Onondaga, 1 Kettle Point & 1 burnt chert
85	330E 495N:12	0-22	chipping detritus	5	3 Onondaga, 1 Kettle Point, 1 Haldimand chert
86	325E 495N:20	0-21	chipping detritus	17	15 Onondaga & 2 Kettle Point chert
87	325E 495N:20	0-21	utilized flake	1	Haldimand chert
88	325E 500N:4	0-31	pipe stem	1	burnt fragment
89	325E 500N:4	0-31	chipping detritus	15	13 Onondaga & 2 Kettle Point chert
90	330E 500N:12	0-34	Biface	1	fragment Kettle Point chert
91	330E 500N:12	0-34	chipping detritus	8	7 Onondaga & 1 Kettle Point chert
92	330E 500N:12	0-34	faunal remains	8	1 calcined; deer long bone fragments
93	330E 500N:6	0-32	Biface	1	point tip, Onondgaga chert
94	330E 500N:6	0-32	fragmentary sherd	1	
95	330E 500N:6	0-32	chipping detritus	20	18 Onondaga, 1 Kettle Point & 1 unknown chert
96	330E 500N:11	0-22	fragmentary sherd	1	
97	330E 500N:11	0-22	chipping detritus	14	12 Onondaga & 2 Kettle Point chert
98	330E 505N:22	0-24	chipping detritus	6	5 Onondaga & 1 burnt chert
99	330E 505N:22	0-24	body sherd	1	
100	330E	0-24	Biface	1	small triangular, Onondaga chert

	505N:22				
101	325E 500N:3	0-26	body sherd	1	
102	325E 500N:3	0-26	fragmentary sherd	1	
103	325E 500N:3	0-26	chipping detritus	22	19 Onondaga, 2 Kettle Point & 1 Haldimand chert
104	325E 510N:15	0-28	fragmentary sherd	1	
105	325E 510N:15	0-28	core	1	Onondaga chert
106	325E 510N:15	0-28	chipping detritus	9	Onondaga chert
107	320E 500N:25	0-34	faunal remains	2	1 burnt
108	320E 500N:25	0-34	chipping detritus	23	17 Onondaga & 6 Kettle Point chert
109	325E 495N:22	0-26	chipping detritus	7	6 Onondaga & 1 Kettle Point chert
110	325E 495N:19	0-24	chipping detritus	8	7 Onondaga & 1 burnt chert
111	330E 510N:11	0-24	chipping detritus	1	Onondaga chert
112	330E 500N:13	0-23	chipping detritus	3	2 Onondaga & 1 Kettle Point chert
113	330E 505N:13	0-25	chipping detritus	5	3 Onondaga 2 Kettle Point chert
114	325E 510N:14	0-30	chipping detritus	3	Onondaga chert
115	325E 505N:19	0-25	neck sherd	1	smoothed
116	325E 505N:19	0-25	body sherd	1	smoothed
117	325E 505N:19	0-25	fragmentary sherd	3	
118	325E 505N:19	0-25	graver	1	small, Onondaga
119	325E 505N:19	0-25	chipping detritus	40	32 Onondaga, 5 Kettle Point, 2 Haldimand & 1 burnt chert
120	325E 505N:19	0-25	faunal remains	5	2 calcined
121	325E 500N:9	0-34	scraper	1	snub-nosed scraper, Onondaga
122	325E 500N:9	0-34	chipping detritus	7	Onondaga chert
123	325E 500N:9	0-34	utilized flake	1	Onondaga chert
124	345E 485N:19	0-28	biface	1	point tip, Onondgaga chert
125	345E 485N:19	0-28	chipping detritus	6	5 Onondaga & 1 Kettle Point chert
126	325E 495N:24	0-25	projectile point	1	complete, unfinished, small triangular, Kettle Point chert
127	325E 495N:24	0-25	biface	1	missing corner, Haldimand chert
128	325E 495N:24	0-25	chipping detritus	11	9 Onondaga & 2 Kettle Point chert

129	325E 495N:24	0-25	biface	1	corner fragment, (possible projectile point) Onondaga chert
130	325E 505N:4	0-28	chipping detritus	26	18 Onondaga, 6 Kettle Point & 2 burnt chert
131	325E 505N:4	0-28	projectile point	1	small triangular Onondaga chert
132	325E 505N:4	0-28	faunal remains	3	
133	325E 505N:4	0-28	body sherd	1	smoothed
134	325E 505N:4	0-28	copper fragment	1	small thin plate fragment
135	325E 510N:8	0-27	Biface	1	probable projectile point preform, Onondaga chert
136	325E 510N:8	0-27	projectile point	1	reworked - to haft? or into drill
137	325E 510N:8	0-27	faunal remains	3	1 burnt
138	325E 510N:8	0-27	chipping detritus	20	Onondaga chert
139	325E 510N:13	0-26	fragmentary sherd	2	
140	325E 510N:13	0-26	chipping detritus	5	Onondaga chert
141	325E 505N:3	0-33	Biface	1	tip, Onondagag chert
142	325E 505N:3	0-33	faunal remains	2	calcined
143	325E 505N:3	0-33	utilized flake	2	Onondaga chert
144	325E 505N:3	0-33	chipping detritus	75	65 Onondaga & 10 Kettle Point chert
145	325E 505N:3	0-33	Lance	1	iron lance
146	325E 505N:10	0-24	projectile point	1	missing tip, Onondaga chert
147	325E 505N:10	0-24	Biface	1	fragment Kettle Point chert
148	325E 505N:10	0-24	faunal remains	1	
149	325E 505N:10	0-24	fragmentary sherd	2	
150	325E 505N:10	0-24	body sherd	1	
151	325E 505N:10	0-24	chipping detritus	29	26 Onondaga, 2 Kettle Point & Haldimand chert
152	325E 510N:20	0-21	faunal remains	1	
153	325E 510N:20	0-21	chipping detritus	5	Onondaga chert
154	325E 510N:20	0-21	copper fragment	1	copper, fragment
155	325E 505N:9	0-28	Core	1	Onondaga chert
156	325E 505N:9	0-28	chipping detritus	48	38 Onondaga, 5 Kettle Point, 4 burnt, 1 Haldimand chert
157	325E 505N:9	0-28	faunal remains	5	3 burnt
158	325E 505N:9	0-28	body sherd	3	
159	325E 505N:9	0-28	fragmentary sherd	7	
160	325E 505N:5	-	neck sherd	1	smoothed
161	325E 505N:5	-	body sherd	1	smoothed
162	325E 505N:5	-	projectile point	1	small, elongated trianguliod, missing tip, Onondaga chert
163	325E 505N:5	-	Biface	1	crude, unknown chert

164	325E 505N:5	-	chipping detritus	27	22 Onondaga, 3 burnt, 2 Kettle Point
165	325E 505N:5	-	copper fragment	2	copper fragment
166	325E 510N:4	0-19	faunal remains	2	
167	325E 510N:4	0-19	fragmentary sherd	1	
168	325E 510N:4	0-19	chipping detritus	13	Onondaga chert
169	345E 495N:6	0-20	chipping detritus	5	4 Onondaga, 1 Kettle Point chert
170	325E 500N:24	0-29	projectile point	1	base not worked, Haldimand chert
171	325E 500N:24	0-29	utilized flake	2	1 Onondaga, 1 Haldimand chert
172	325E 500N:24	0-29	chipping detritus	44	35 Onondaga, 5 Kettle Point, 2 Haldimand, 1 burnt, 1unknown
173	325E 500N:24	0-29	faunal remains	16	5 calcined
174	325E 500N:24	0-29	copper fragment	2	copper fragment
175	325E 500N:24	0-29	neck sherd	1	
176	325E 500N:24	0-29	body sherd	2	
177	325E 500N:24	0-29	fragmentary sherd	9	
178	325E 500N:14	0-27	faunal remains	1	calcined
179	325E 500N:14	0-27	copper fragment	1	copper fragment
180	325E 500N:14	0-27	chipping detritus	18	Onondaga chert
181	325E 510N:2	0-22	fragmentary sherd	1	
182	325E 510N:2	0-22	chipping detritus	6	Onondaga chert
183	325E 500N:19	0-28	faunal remains	1	
184	325E 500N:19	0-28	chipping detritus	17	Onondaga chert
185	330E 500N:18	0-32	chipping detritus	6	5 Onondaga, 1 Kettle Point chert
186	330E 500N:18	0-32	spoke-shave	1	concave, Haldimand
187	325E 495N:18	0-27	faunal remains	4	
188	325E 495N:18	0-27	chipping detritus	3	1 Onondaga, 1 Kettle Point, 1 unknown chert
189	345E 495N:2	0-20	projectile point	1	small trainguloid, Onondaga chert
190	345E 495N:2	0-20	utilized flake	1	Onondaga chert
191	345E 495N:2	0-20	chipping detritus	2	Onondaga chert
192	320E 505N:25	0-38	iron pot/kettle	1	includes fabric fragment
193	320E 505N:25	0-38	Biface	1	crude, Onondaga chert
194	320E 505N:25	0-38	chipping detritus	6	4 Onondaga, 2 Kettle Point chert
195	320E	0-38	faunal remains	1	calcined

	505N:25				
196	320E 505N:25	0-38	body sherd	1	
197	350E 490N:12	0-27	Biface	1	edge fragment, Onondaga chert
198	350E 490N:12	0-27	chipping detritus	7	6 Onondaga , 1 burnt chert
199	330E 500N:21	0-28	core	1	Kettle Point chert
200	330E 500N:21	0-28	chipping detritus	3	Onondaga chert
201	325E 500N:14	0-31	biface	1	fragment Onondaga chert
202	325E 500N:14	0-31	chipping detritus	34	27 Onondaga, 7 Kettle Point chert
203	325E 505N:14	0-23	utilized flake	1	Onondaga chert
204	325E 505N:14	0-23	chipping detritus	25	22 Onondaga, 2 Kettle Point, 1 burnt chert
205	325E 505N:14	0-23	neck sherd	1	
206	325E 500N:20	0-24	biface	1	tip, Kettle Point chert
207	325E 500N:20	0-24	utilized flake	1	Onondaga chert
208	325E 500N:20	0-24	chipping detritus	32	26 Onondaga, 4 Kettle Point, 2 Haldiamnd
209	325E 500N:20	0-24	faunal remains	4	1 burnt
210	325E 500N:20	0-24	neck sherd	1	possible rim fragment??
211	330E 505N:7	0-25	iron pot/kettle	1	complete handle fastener
212	330E 505N:7	0-25	biface	1	small fragment, Onondaga chert
213	330E 505N:7	0-25	chipping detritus	18	15 Onondaga & 3 Kettle Point chert
214	330E 505N:7	0-25	fragmentary sherd	1	
215	330E 505N:7	0-25	neck sherd	1	
216	330E 505N:7	0-25	faunal remains	3	
217	325E 505N:8	0-38	knife	2	same knife, 'sword pointed'
218	325E 505N:8	0-38	faunal remains	19	5 burnt
219	325E 505N:8	0-38	body sherd	8	
220	325E 505N:8	0-38	fragmentary sherd	1	
221	325E 505N:8	0-38	shoulder sherd	1	
222	325E 505N:8	0-38	rim sherd	1	
223	325E 505N:8	0-38	chipping detritus	89	74 Onondaga, 10 Kettle Point & 5 burnt chert
224	325E 500N:13	0-35	faunal remains	1	
225	325E 500N:13	0-35	chipping detritus	9	7 Onondaga, 2 Kettle Point chert
226	325E 500N:13	0-35	fragmentary sherd	1	

227	345E 485N:24	0-29	chipping detritus	12	11 Onondaga 1 Kettle Point chert
228	350E 485N:21	0-23	faunal remains	1	calcined
229	350E 485N:21	0-23	chipping detritus	5	4 Onondaga, 1 Kettle Point chert
230	345E 485N:25	0-29	chipping detritus	6	Onondaga chert
231	325E 510N:3	0-24	faunal remains	1	
232	325E 510N:3	0-24	chipping detritus	16	12 Onondaga, 2 Kettle Point & 2 Haldimand chert
233	350E 485N:17	0-24	chipping detritus	5	Onondaga chert
234	350E 485N:17	0-24	fragmentary sherd	1	
235	320E 505N:24	0-39	chipping detritus	1	Onondaga chert
236	325E 495N:23	0-29	faunal remains	1	burnt
237	325E 495N:23	0-29	chipping detritus	13	10 Onondaga, 2 Kettle Point, 1 burnt
238	345E 490N:9	0-28	faunal remains	1	burnt
239	345E 490N:9	0-28	chipping detritus	7	5 Onondaga, 2 Kettle Point
240	345E 490N:9	0-28	fragmentary sherd	1	
241	330E 505N:6	0-24	projectile point	1	small triangular, Onondaga, missing tip
242	330E 505N:6	0-24	faunal remains	3	2 burnt
243	330E 505N:6	0-24	fragmentary sherd	3	
244	330E 505N:6	0-24	chipping detritus	14	10 Onondaga, 2 burnt, 1 Kettle Point, 1 Hald.
245	330E 505N:12	0-29	faunal remains	2	1 burnt
246	330E 505N:12	0-29	chipping detritus	9	7 Onondaga, 2 Kettle Point chert
247	325E 505N:23	0-25	faunal remains	1	burnt
248	325E 505N:23	0-25	chipping detritus	22	20 Onondaga, 1 Kettle Point, 1 Haldimand
249	325E 505N:23	0-25	body sherd	1	
250	325E 505N:23	0-25	copper fragment	1	plate fragment
252	325E 505N:13	0-32	chipping detritus	15	12 Onondaga, 2 bunrt, 1 Kettle Point
253	325E 505N:13	0-32	faunal remains	2	1 burnt
254	325E 505N:13	0-32	fragmentary sherd	1	
255	325E 500N:18	0-30	faunal remains	2	24 Onondaga, 3 Kettle Point
256	325E 500N:18	0-30	chipping detritus	27	
257	325E	0-30	fragmentary sherd	1	

	500N:18				
258	325E 500N:18	0-30	utilized flake	1	Onondaga chert
259	350E 495N:6	0-31	chipping detritus	6	Onondaga chert
260	350E 495N:6	0-31	fragmentary sherd	2	
261	325E 500N:25	0-24	projectile point	1	complete, Onondaga, one tip reworked drill?
262	325E 500N:25	0-24	chipping detritus	40	37 Onondaga, 3 Kettle Point
263	325E 500N:25	0-24	faunal remains	1	burnt
264	325E 500N:25	0-24	neck sherd	1	decorated
265	345E 495N:10	0-28	faunal remains	1	calcined
266	345E 495N:10	0-28	chipping detritus	6	Onondaga chert
267	345E 495N:10	0-28	Scraper	1	formal end scr, Onondaga chert
268	325E 500N:15	0-25	chipping detritus	16	14 Onondaga, 1 Kettle Point, 1 Haldimand
269	350E 490N:2	0-28	faunal remains	1	
270	350E 490N:2	0-28	chipping detritus	10	6 Onondaga, 4 Kettle Point
271	350E 490N:7	0-25	Biface	1	
272	350E 490N:7	0-25	chipping detritus	10	Onondaga chert
273	330E 495N:11	0-28	chipping detritus	4	2 Onondaga, 1 Kettle Point, 1 burnt
274	345E 490N:10	0-27	chipping detritus	3	2 Onondaga, 1 Kettle Point
275	345E 490N:10	0-27	Biface	1	fragment, Kettle Point
276	345E 495N:5	0-33	Biface	1	crude, Onondaga chert
277	345E 495N:5	0-33	chipping detritus	10	9 Onondaga & 1 Kettle Point chert
278	320E 505N:4	0-36	projectile point	1	missing corner, onondaga chert
279	320E 505N:4	0-36	chipping detritus	8	Onondaga chert
280	330E 500N:16	0-35	projectile point	1	complete, Haldimand
281	330E 500N:16	0-35	fragmentary sherd	1	
282	330E 500N:16	0-35	chipping detritus	35	29 Onondaga, 2 Kettle Point, 2 Hald., 2 burnt
283	345E 490N:14	0-33	chipping detritus	9	Onondaga chert
284	345E 490N:5	0-26	chipping detritus	10	8 Onondaga, 2 Haldimand
285	345E 490N:5	0-26	projectile point	1	missing tip, Onondaga chert
286	320E 505N:20	0-42	chipping detritus	6	Onondaga chert
287	320E 505N:20	0-42	fragmentary sherd	1	
288	320E 505N:20	0-42	Biface	1	base, Onondaga

289	345E 490N:21	0-18	chipping detritus	3	Onondaga chert
290	345E 490N:15	0-32	chipping detritus	19	16 Onondaga, 3 Kettle Point
291	345E 490N:15	0-32	projectile point	1	Haldimand chert
292	345E 490N:24	0-28	chipping detritus	7	6 Onondaga, 1 Kettle Point
293	345E 490N:24	0-28	Biface	1	tip, Onondagag chert
294	350E 495N:7	0-28	chipping detritus	6	Onondaga chert
295	345E 490N:4	0-28	chipping detritus	10	9 Onondaga, 1 Kettle Point
296	345E 490N:4	0-28	faunal remains	1	
297	345E 490N:4	0-28	Biface	1	Onondaga chert
298	345E 490N:4	0-28	Biface	1	Kettle Point chert
299	320E 500N:24	0-38	body sherd	1	
300	320E 500N:24	0-38	faunal remains	1	
301	320E 500N:24	0-38	chipping detritus	3	2 Onondaga 1 burnt
302	345E 495N:9	0-34	chipping detritus	2	Onondaga chert
303	345E 495N:9	0-34	body sherd	1	
304	345E 495N:9	0-34	Biface	1	Kettle Point chert
305	325E 495N:25	0-32	chipping detritus	15	14 Onondaga, 1 Kettle Point
306	325E 495N:25	0-32	Biface	1	tip, Onondagag chert
307	350E 490N:17	0-29	chipping detritus	5	Onondaga chert
308	345E 490N:2	0-25	chipping detritus	7	Onondaga chert
309	345E 490N:2	0-25	biface	1	fragment, Onondaga
310	345E 495N:3	0-29	chipping detritus	2	Onondaga chert
311	350E 490N:3	0-24	chipping detritus	6	Onondaga chert
312	350E 490N:3	0-24	body sherd	1	
313	350E 490N:3	0-24	faunal remains	1	
314	350E 490N:3	0-24	glass bead	1	small blue
315	350E 490N:16	0-32	chipping detritus	8	Onondaga chert
316	350E 485N:23	0-26	chipping detritus	4	Onondaga chert
317	320E 510N:5	0-33	chipping detritus	7	Onondaga chert
318	320E 510N:5	0-33	faunal remains	1	burnt
319	345E 490N:13	0-32	chipping detritus	9	Onondaga chert
320	350E 490N:23	0-30	chipping detritus	6	Onondaga chert
321	345E 495N:4	0-31	chipping detritus	10	Onondaga chert
322	345E 495N:4	0-31	biface	1	tip, Onondagag chert
323	330E 500N:2	0-29	chipping detritus	8	6 Onondaga, 2 Kettle Point
324	330E 500N:2	0-29	fragmentary sherd	1	

325	350E 495N:3	0-18	chipping detritus	6	Onondaga chert
326	345E 490N:25	0-30	chipping detritus	10	8 Onondaga, 2 Kettle Point
327	330E 500N:22	0-21	chipping detritus	5	3 Onondaga, 2 burnt
328	330E 500N:22	0-21	biface	1	fragment, Onondaga
329	330E 500N:22	0-21	biface	1	fragment, Onondaga
330	330E 500N:22	0-21	copper fragment	1	thin plate fragmetn with hole
331	325E 500N:11	0-40	chipping detritus	10	Onondaga chert
332	325E 500N:11	0-40	biface	1	Onondaga chert
333	325E 500N:11	0-40	body sherd	4	
334	325E 500N:11	0-40	fragmentary sherd	1	
335	345E 490N:8	0-23	chipping detritus	12	11 Onondaga, 1 Kettle Point
336	345E 490N:7	0-29	chipping detritus	7	Onondaga chert
337	345E 490N:18	0-27	chipping detritus	2	Onondaga chert
338	320E 505N:15	0-42	chipping detritus	5	Onondaga chert
339	320E 505N:15	0-42	fragmentary sherd	1	
340	320E 505N:15	0-42	faunal remains	1	
341	320E 505N:15	0-42	biface	1	fragment, Onondaga
342	350E 490N:21	0-27	chipping detritus	11	Onondaga chert
343	350E 490N:21	0-27	body sherd	1	
344	350E 490N:21	0-27	biface	1	fragment, Onondaga
345	320E 500N:20	0-34	projectile point	1	Onondaga chert
346	320E 500N:20	0-34	chipping detritus	13	Onondaga chert
347	330E 495N:21	0-27	chipping detritus	17	Onondaga chert
348	330E 495N:21	0-27	biface	1	tip, Onondagag chert
349	330E 495N:21	0-27	fragmentary sherd	1	
350	350E 490N:6	0-24	chipping detritus	11	Onondaga chert
351	350E 490N:6	0-24	knife	1	iron kife, no handle
352	330E 500N:17	0-30	chipping detritus	14	Onondaga chert
353	330E	0-30	faunal remains	1	calcined

	500N:17				
354	330E 505N:8	0-23	chipping detritus	2	Onondaga chert
355	345E 490N:19	0-31	chipping detritus	22	20 Onondaga, 2 Kettle Point
356	345E 490N:19	0-31	projectile point	1	base, onondaga
357	345E 485N:23	0-26	chipping detritus	4	Onondaga chert
358	345E 485N:23	0-26	fragmentary sherd	1	
359	325E 500N:5	0-26	chipping detritus	13	Onondaga chert
360	325E 500N:5	0-26	biface	1	tip, Onondagag chert
361	325E 500N:5	0-26	biface	1	fragment, Onondaga
362	325E 500N:5	0-26	biface	1	fragment, Onondaga
363	325E 500N:5	0-26	biface	1	base, Kettle Point chert
364	330E 505N:11	0-33	chipping detritus	3	Onondaga chert
365	345E 490N:20	0-29	chipping detritus	9	Onondaga chert
366	350E 485N:22	0-29	pipe bowl	1	
367	350E 485N:22	0-29	scraper	1	fragment, Onondaga
368	350E 485N:22	0-29	faunal remains	1	
369	350E 485N:22	0-29	biface	1	small fragment
370	350E 485N:22	0-29	chipping detritus	7	6 Onondaga, 1 burnt
371	320E 500N:15	0-39	chipping detritus	6	5 Onondaga, 1 burnt
372	320E 500N:15	0-39	biface	1	base fragment, Onondaga
373	350E 495N:2	0-21	chipping detritus	13	10 Onondaga, 3 burnt
374	350E 495N:2	0-21	biface	1	Onondaga chert
375	350E 495N:2	0-21	pipe stem	1	fragment
376	340E 495N:5	0-21	chipping detritus	3	1 Onondaga, 2 burnt
377	350E 490N:22	0-28	chipping detritus	16	11 Onondaga, 4 burnt, 1 Kettle Point
378	350E 490N:22	0-28	faunal remains	1	calcined
379	330E 495N:16	0-26	chipping detritus	16	15 Onondaga, 1 Kettle Point
380	330E 495N:16	0-26	faunal remains	1	
381	330E 495N:16	0-26	scraper	1	Onondaga chert
382	325E 500N:10	0-28	chipping detritus	6	5 Onondaga, 1 Haldimand
383	325E 500N:16	0-36	hammerstone	1	
384	325E	0-27	hammerstone	1	

	495N:15				
385	325E 495N:15	0-27	chipping detritus	1	Onondaga chert
386	325E 500N:8	0-30	chipping detritus	21	20 Onondaga, 1 Kettle Point
387	325E 500N:8	0-30	faunal remains	5	1 burnt
388	325E 500N:8	0-30	projectile point	1	base, onondaga
389	325E 500N:8	0-30	copper fragment	1	thin plate fragment
390	300E 505N:2	0-31	chipping detritus	16	15 Onondaga, 1 Kettle Point
391	300E 505N:2	0-31	biface	1	Haldimand chert
392	300E 505N:2	0-31	shoulder sherd	1	
393	300E 505N:2	0-31	faunal remains	1	
394	325E 500N:16	0-36	chipping detritus	25	23 Onondaga, 2 Kettle Point
395	325E 500N:16	0-36	biface	1	tip, Onondagag chert
396	325E 500N:16	0-36	faunal remains	3	calcined
397	325E 500N:16	0-36	fragmentary sherd	3	
398	330E 505N:21	0-22	chipping detritus	10	Onondaga chert
399	330E 505N:21	0-22	scraper	1	Onondaga chert
400	345E 490N:3	0-30	chipping detritus	8	Onondaga chert
401	345E 490N:3	0-30	faunal remains	1	burnt
402	345E 490N:3	0-30	biface	1	Onondaga chert
403	325E 500N:21	0-32	chipping detritus	27	25 Onondaga, 2 burnt
404	325E 500N:21	0-32	fragmentary sherd	1	
405	325E 500N:21	0-32	faunal remains	5	1 calcined
406	325E 500N:21	0-32	biface	1	Haldimand chert
407	325E 500N:21	0-32	projectile point	1	Haldimand chert
408	350E 490N:11	0-22	nail, undetermined type	1	
409	350E 490N:11	0-22	chipping detritus	4	3 Onondaga, 1 Kettle Point
410	325E 505N:22	0-27	chipping detritus	17	16 Onondaga, 1 Kettle Point
411	325E 505N:22	0-27	faunal remains	1	
412	325E 505N:22	0-27	misc. copper artifact	1	
413	325E 505N:25	0-28	chipping detritus	19	18 Onondaga, 1 burnt
414	325E 505N:25	0-28	utilized flake	1	Onondaga chert
415	325E 505N:25	0-28	projectile point	1	Onondaga chert

416	325E 505N:20	0-30	hammer / anvil stone	1	
417	325E 505N:16	0-27	chipping detritus	12	10 Onondaga, 1 Kettle Point, 1burnt
418	325E 505N:16	0-27	fragmentary sherd	3	
419	325E 505N:16	0-27	misc. modified groundstone	2	fragment
420	325E 505N:21	0-38	chipping detritus	16	12 Onondaga, 1 Kettle Point, 3 burnt
421	325E 505N:21	0-38	body sherd	1	
422	325E 505N:21	0-38	fragmentary sherd	2	
423	325E 505N:21	0-38	biface	1	Onondaga chert
424	325E 510N:6	0-31	chipping detritus	5	Onondaga chert
425	325E 505N:7	0-36	chipping detritus	19	18 Onondaga, 1 burnt
426	325E 505N:7	0-36	faunal remains	3	1 burnt
427	325E 505N:7	0-36	utilized flake	1	Onondaga chert
428	325E 505N:7	0-36	body sherd	1	
429	325E 505N:7	0-36	neck sherd	1	
430	325E 510N:12	0-36	chipping detritus	6	Onondaga chert
431	325E 500N:22	0-39	chipping detritus	24	23 Onondaga, 1 Kettle Point
432	325E 500N:22	0-39	faunal remains	6	3 burnt
433	325E 500N:22	0-39	fragmentary sherd	1	
434	325E 505N:15	0-33	chipping detritus	13	11 Onondaga, 2 burnt
435	320E 505N:10	0-35	chipping detritus	7	6 Onondaga, 1 burnt
436	320E 505N:10	0-35	fragmentary sherd	1	
437	325E 510N:7	0-40	chipping detritus	11	8 Onondaga, 3 burnt
438	325E 505N:12	0-32	chipping detritus	48	Onondaga chert
439	325E 505N:12	0-32	biface	1	Onondaga chert
440	325E 505N:12	0-32	biface	1	Onondaga chert
441	325E 505N:12	0-32	modified bone artifact	1	burnt
442	325E 505N:12	0-32	faunal remains	11	4 burnt
443	325E 505N:12	0-32	rim sherd	1	
444	325E 505N:12	0-32	neck sherd	1	
445	325E	0-32	body sherd	1	

	505N:12				
446	325E 505N:12	0-32	fragmentary sherd	5	
447	325E 505N:12	0-32	nail, undetermined type	1	
448	325E 505N:12	0-32	nail, undetermined type	1	
449	325E 500N:23	0-30	chipping detritus	37	31 Onondaga, 3 Kettel Point, 3 burnt
450	325E 500N:23	0-30	faunal remains	8	
451	325E 500N:23	0-30	biface	1	Onondaga chert
452	325E 500N:23	0-30	biface	1	fragment, Onondaga
453	325E 500N:23	0-30	utilized flake	1	Onondaga chert
454	325E 500N:23	0-30	projectile point	1	Onondaga chert
455	325E 505N:18	0-29	chipping detritus	24	21 Onondaga, 3 burnt
456	325E 505N:18	0-29	faunal remains	14	5 burnt
457	325E 505N:18	0-29	rim sherd	1	
458	325E 505N:18	0-29	utilized flake	1	Onondaga chert
459	325E 505N:24	0-26	chipping detritus	21	18 Onondaga, 2 burnt, 1 Haldimand
460	325E 505N:24	0-26	faunal remains	3	
461	325E 505N:24	0-26	modified bone artifact	1	burnt
462	325E 505N:24	0-26	fragmentary sherd	1	
463	325E 505N:24	0-26	biface	1	tip, Onondagag chert
464	325E 505N:24	0-26	biface	1	tip, Onondagag chert
465	325E 505N:20	0-30	chipping detritus	20	18 Onondaga, 1 Kettle Point, 1 Haldimand
466	325E 505N:20	0-30	faunal remains	13	2 burnt
467	325E 505N:20	0-30	biface	1	Onondaga chert
468	325E 505N:20	0-30	biface	1	Onondaga chert
469	325E 505N:20	0-30	drill	1	tip, Onondagag chert
470	325E 505N:20	0-30	body sherd	3	
471	325E 505N:20	0-30	neck sherd	2	

472	325E 505N:17	0-32	chipping detritus	81	79 Onondaga, 2 Kettle Point
473	325E 505N:17	0-32	faunal remains	12	3 burnt
474	325E 505N:17	0-32	fragmentary sherd	3	
475	325E 505N:17	0-32	biface	1	missing tip, Onondaga chert
476	325E 505N:17	0-32	projectile point	1	Onondaga chert
477	325E 505N:17	0-32	projectile point	1	Onondaga chert
478	325E 505N:6	0-32	chipping detritus	14	Onondaga chert
479	325E 505N:6	0-32	faunal remains	4	4 burnt
480	325E 505N:6	0-32	body sherd	1	
481	325E 505N:2	0-37	chipping detritus	33	Onondaga chert
482	325E 505N:2	0-37	faunal remains	6	2 burnt
483	325E 505N:2	0-37	projectile point	1	fragment, Onondaga
484	325E 505N:2	0-37	body sherd	1	possible surface treatment (painted?)
485	325E 505N:11	0-36	chipping detritus	23	Onondaga chert
486	325E 505N:11	0-36	core	1	Onondaga chert
487	325E 505N:11	0-36	faunal remains	9	4 burnt
488	325E 505N:11	0-36	body sherd	1	
489	325E 505N:11	0-36	fragmentary sherd	3	
490	350E 490N:8	0-30	chipping detritus	7	4 Onondaga, 2 Kettle Point, 1 Haldimand
491	Feature 24	-	chipping detritus	1	
492	Feature 26	-	rim sherd	1	
493	Feature 26	-	rim sherd, fragmentary	1	
494	Feature 26	-	body sherd	3	
495	Feature 26	-	fragmentary sherd	6	
496	Feature 26	-	chipping detritus	10	
497	Feature 26	-	charcoal	1	
498	Feature 26	-	bone fragment	39	32 calcined
499	Feature 27	-	neck sherd, fragmentary	1	
500	Feature 27	-	neck sherd	1	
501	Feature 27	-	fragmentary sherd	12+-	
502	Feature 27	-	chipping detritus	3	
503	Feature 27	-	charcoal	6	
504	Feature 27	-	bone fragment	52	10 calcined
505	Feature 7	0-17	body sherd	1	
506	Feature 6	0-8	body sherd	1	
507	Feature 6	0-8	chipping detritus	1	
508	Feature 10	0-25	bone fragment	2	1 calcined
509	Featrue 31	0-13	bone fragment	1	
510	Feature 16	-	bone fragment	1	

511	Feature 13	0-12	chipping detritus	1	
512	Feature 12	0-20	rim sherd, fragmentary	1	
513	Feature 12	0-20	neck sherd	5	
514	Feature 12	0-20	body sherd	17	
515	Feature 12	0-20	fragmentary sherd	7	
516	Feature 15	0-28	fragmentary sherd	4	
517	Feature 15	0-28	charcoal	3	
518	Feature 15	0-28	bone fragment	64	11 calcined
519	Feature 22	-	bone fragment	6	
520	Feature 22	-	metal knife	1	fragment
521	Feature 22	-	rim sherd	1	
522	Feature 22	-	rim sherd	1	
523	Feature 22	-	rim sherd	1	
524	Feature 22	-	rim sherd	1	
525	Feature 22	-	rim sherd	1	
526	Feature 22	-	rim sherd	1	
527	Feature 22	-	rim sherd	1	
528	Feature 22	-	rim sherd	1	
529	Feature 22	-	rim sherd	1	
530	Feature 22	-	rim sherd	1	
531	Feature 22	-	rim sherd	1	
532	Feature 22	-	rim sherd, fragmentary	1	
533	Feature 22	-	rim sherd, fragmentary	1	
534	Feature 22	-	rim sherd, fragmentary	1	
535	Feature 22	-	rim sherd, fragmentary	1	
536	Feature 22	-	neck shoulder sherd	1	
537	Feature 22	-	neck sherd	12	
538	Feature 22	-	body sherd	91	
539	Feature 22	-	fragmentary sherd	79	

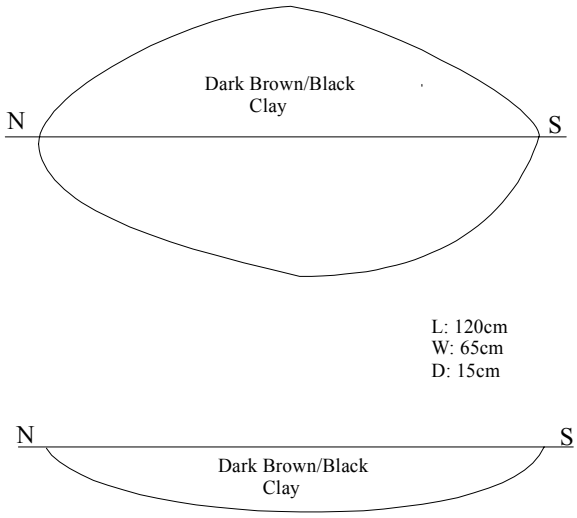
APPENDIX C:
Complete Catalogue for Location 4 (AiGx-240)

Cat	Context	Depth	Artifact	Freq	Comments
6	Feature 5	-	body sherd	5	
7	Feature 5	-	Fragmentary sherd	21	
8	Feature 2	-	rim sherd	1	
9	Feature 2	-	shoulder sherd	1	
10	Feature 2	-	body sherd	3	
11	Feature 2	-	rim sherd, fragmentary	1	
12	Feature 2	-	Fragmentary sherd	4	
13	Feature 2	-	chipping detritus	1	
14	Feature 2	-	bone fragment	1	
19	Feature 2	-	rim sherd	1	
20	Feature 2	-	rim sherd	1	
21	Feature 2	-	rim sherd	1	
15	Feature 6	0-31	body sherd	2	
16	Feature 6	0-31	Fragmentary sherd	3	
17	Feature 6	0-31	chipping detritus	1	
18	Feature 6	0-31	bone fragment	6	

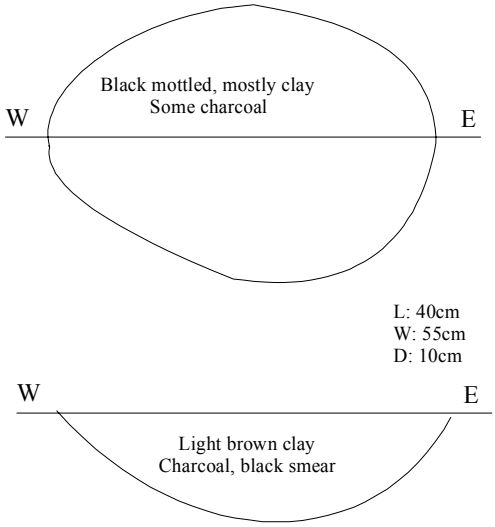
APPENDIX D:
Feature Plans and Profiles for Location 1 (AiGx-238),
Location 2 (AiGx-239) and Location 4 (AiGx-240)

Feature Plans and Profiles Location 1 (AiGx-238):

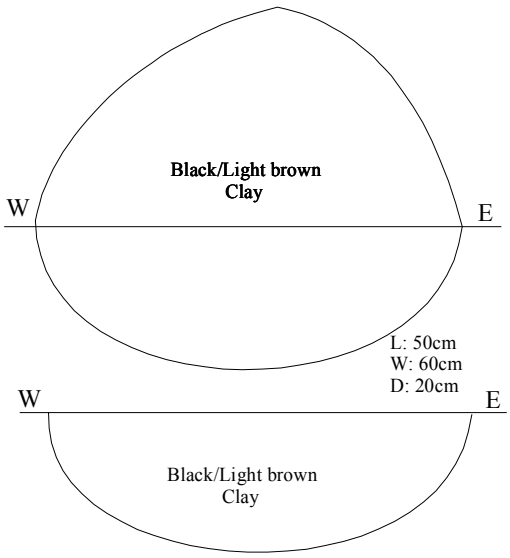
Feature 1



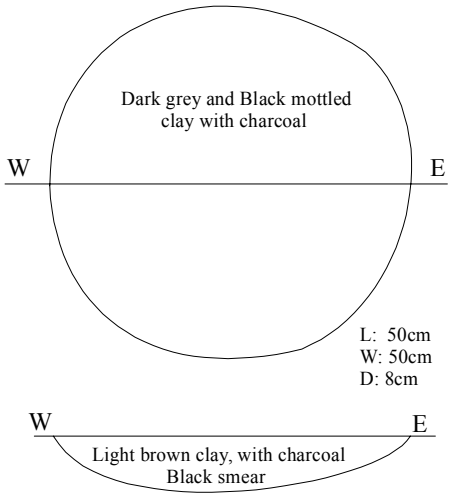
Feature 3



Feature 4

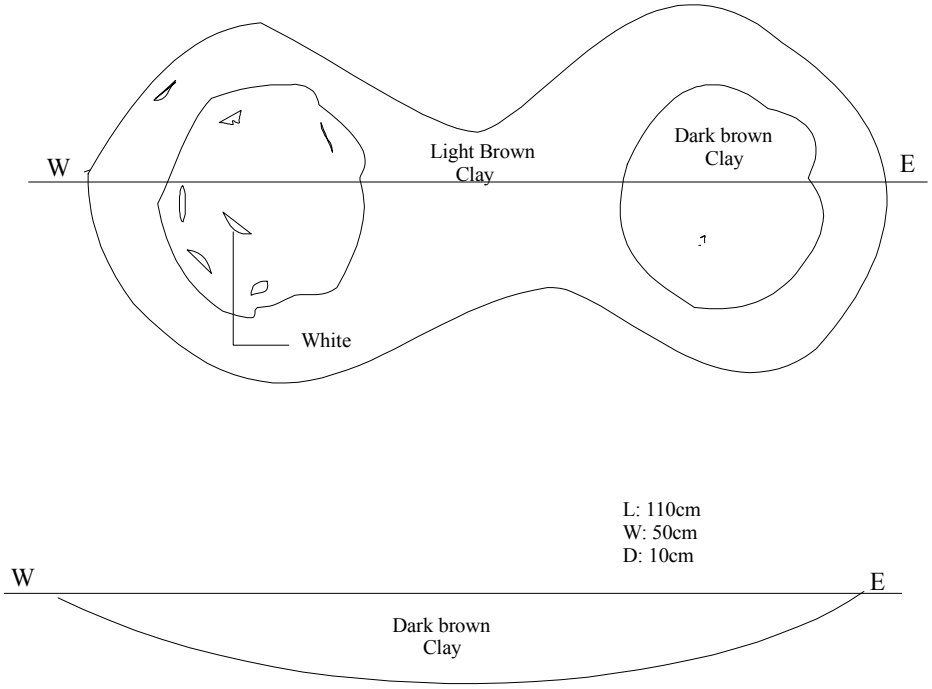


Feature 6

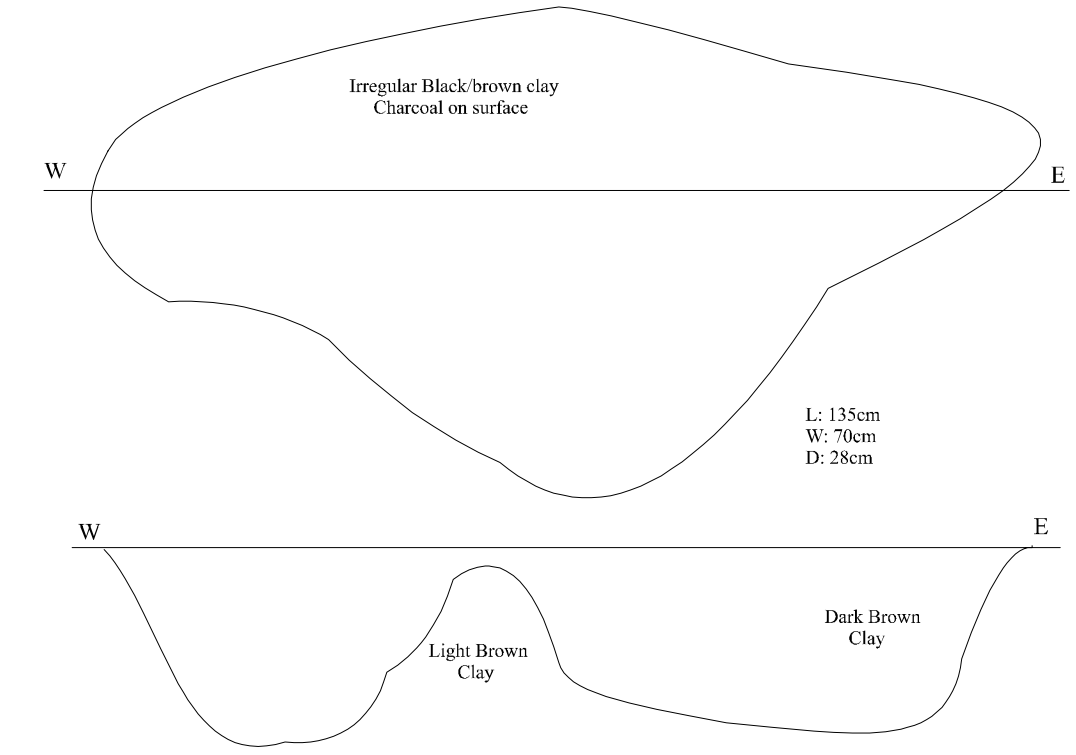


***NOT TO SCALE**

Feature 5

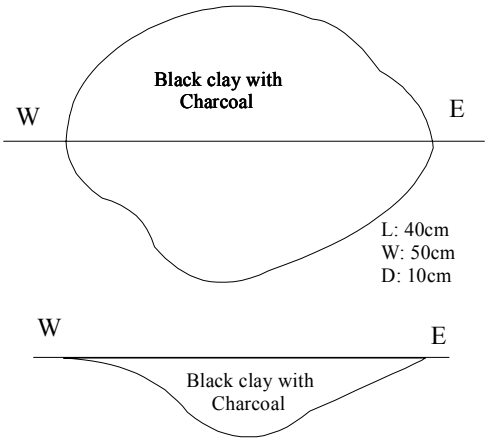


Feature 7

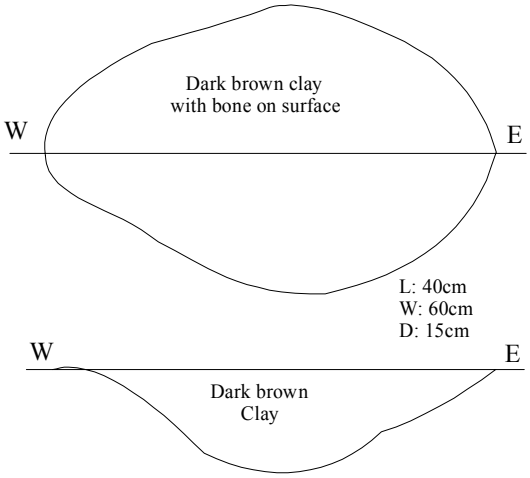


***NOT TO SCALE**

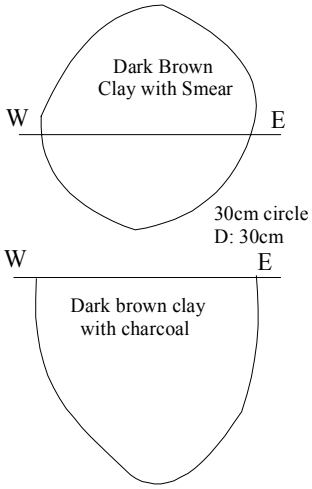
Feature 8



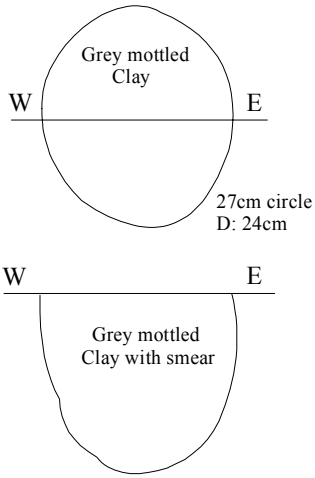
Feature 9



Feature 10

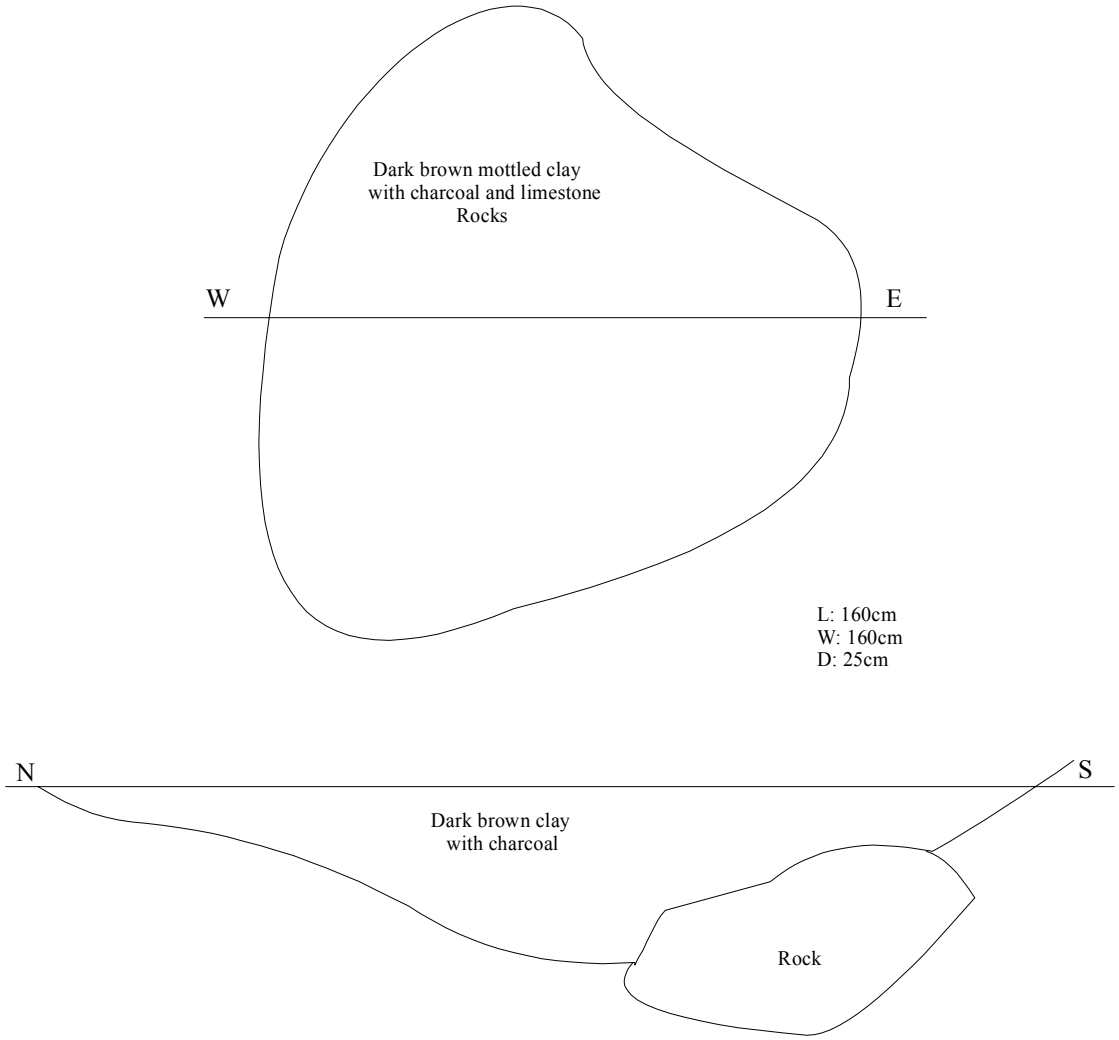


Feature 11



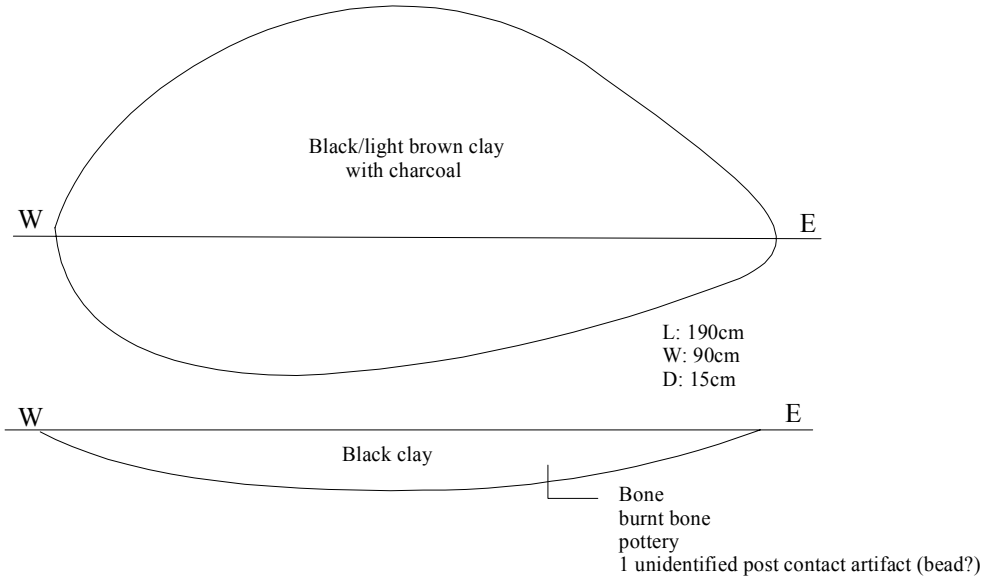
***NOT TO SCALE**

Feature 12

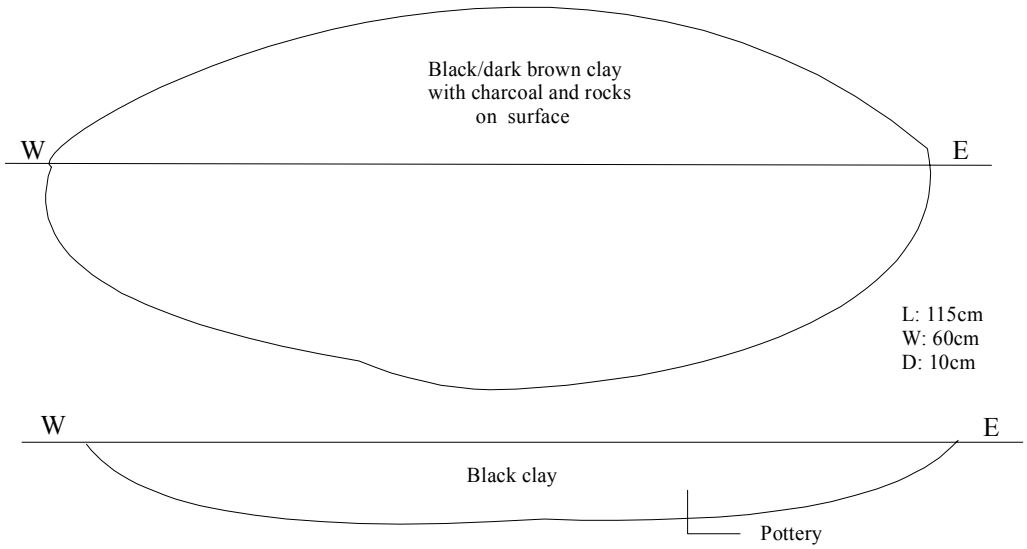


***NOT TO SCALE**

Feature 14

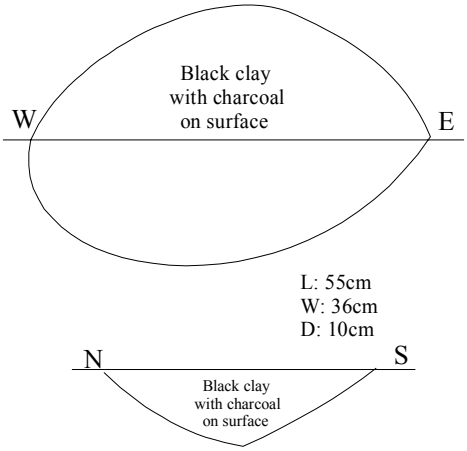


Feature 15



***NOT TO SCALE**

Feature 16



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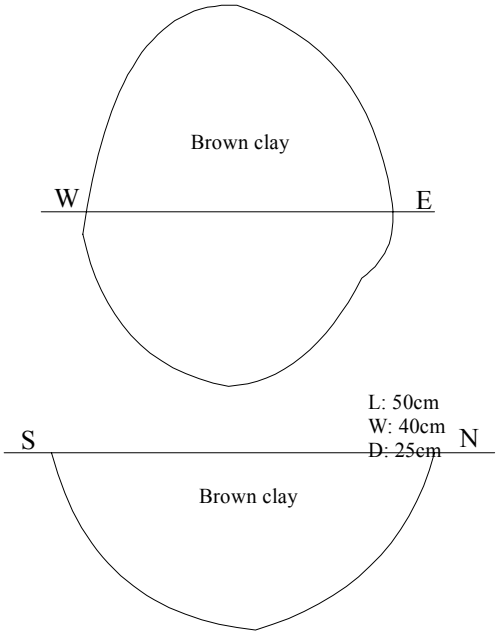
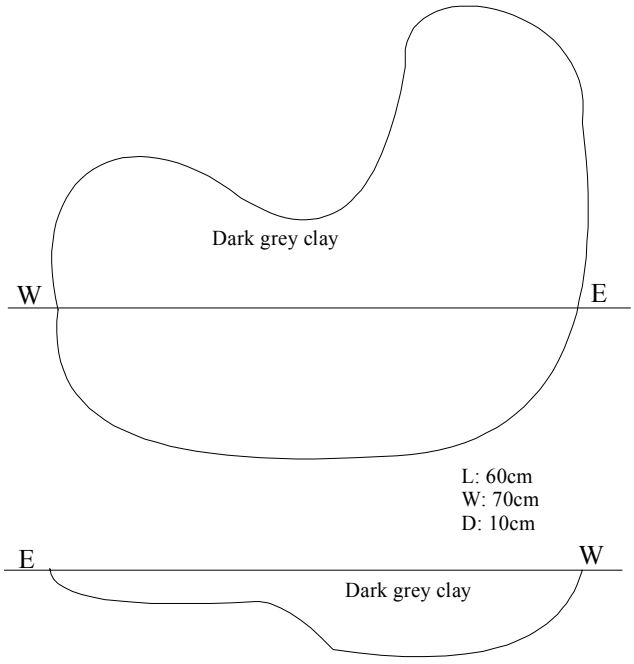
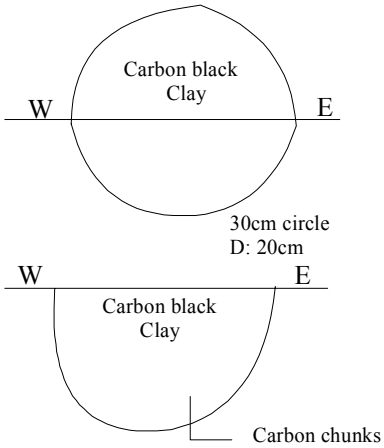


Feature 20



Feature 26



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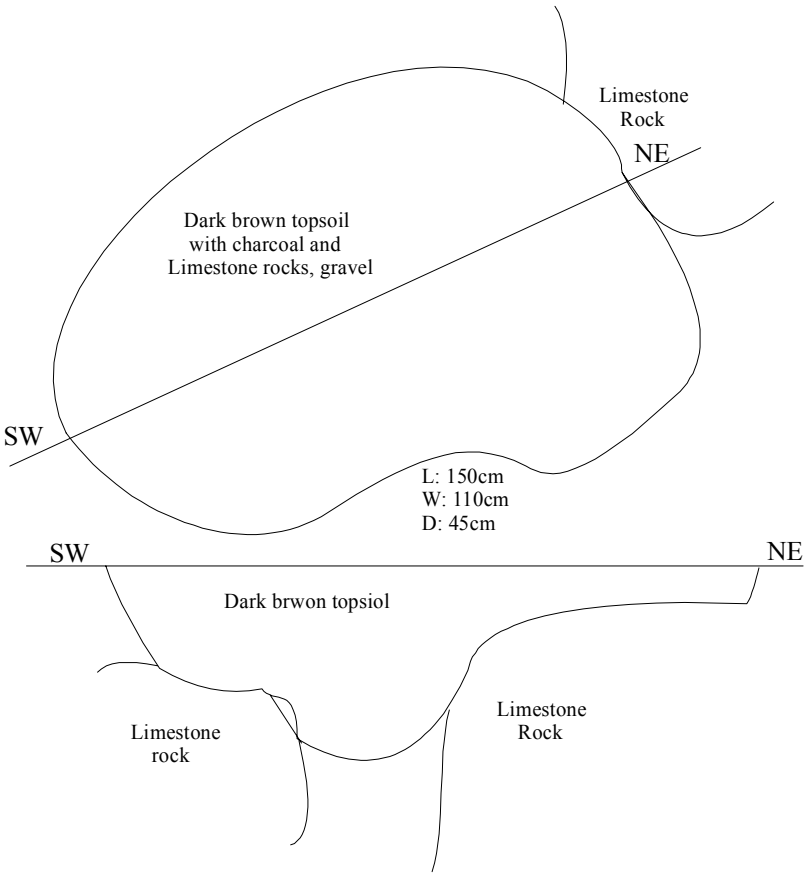

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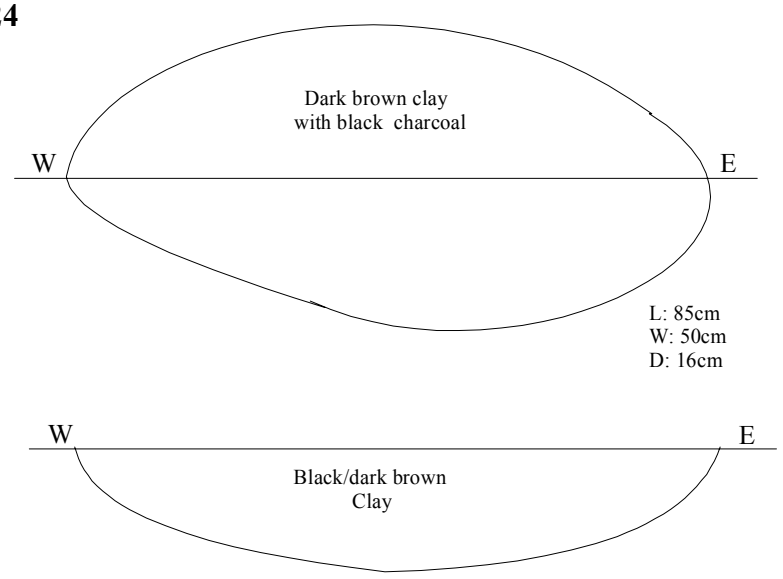
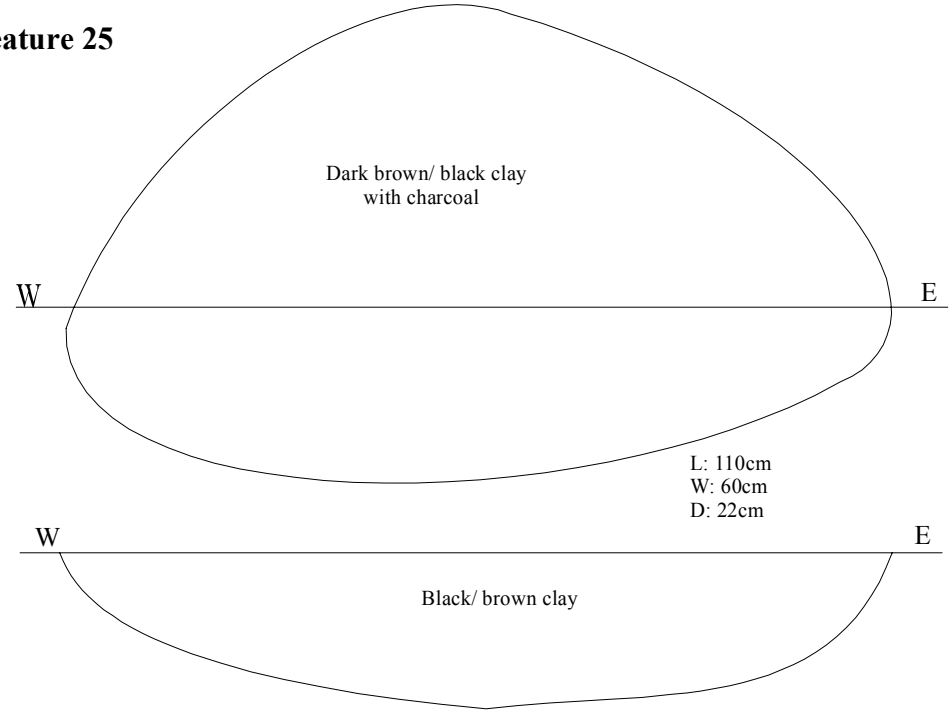


***NOT TO SCALE**

Feature 22

***NOT TO SCALE**

Feature 25



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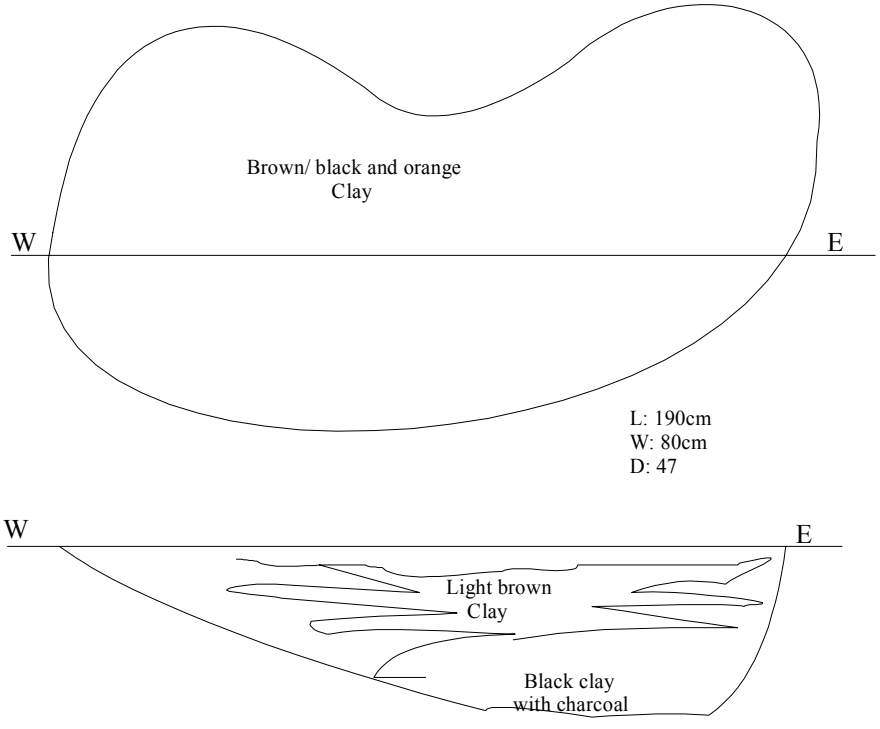

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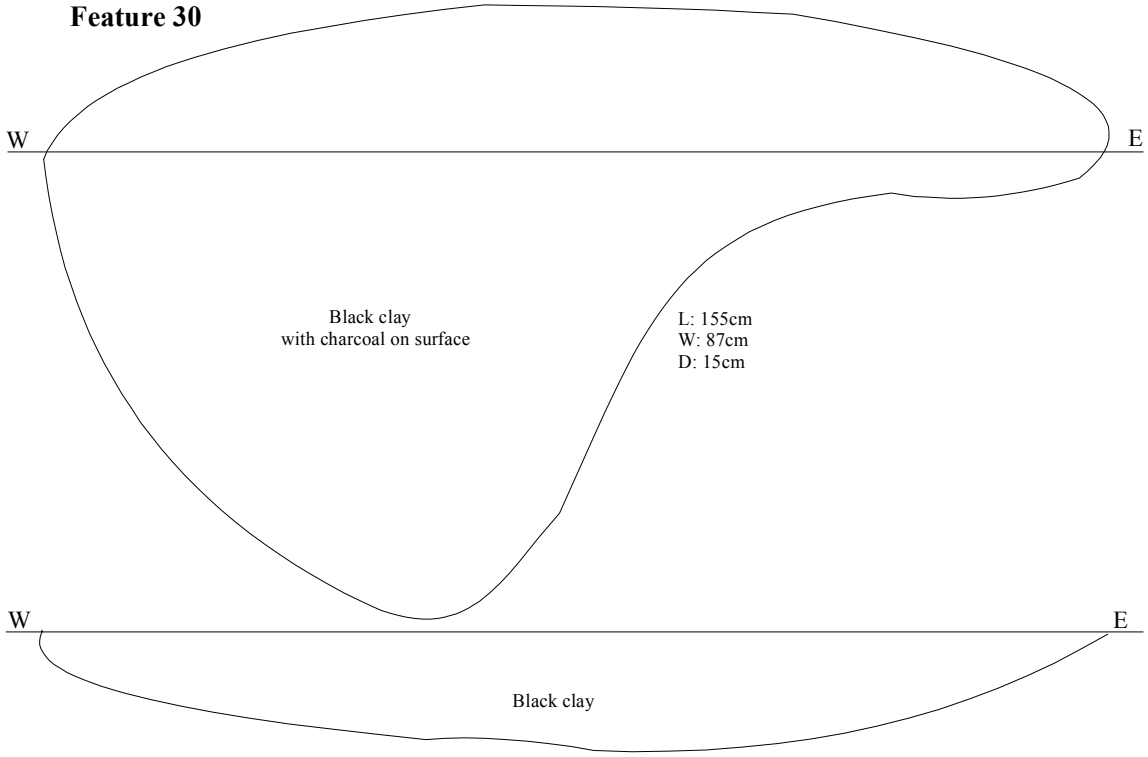

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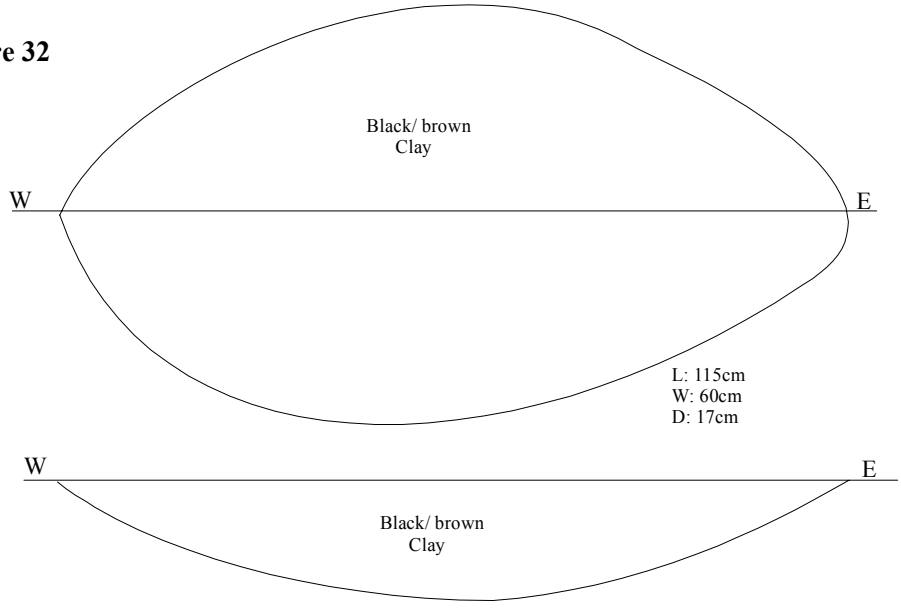

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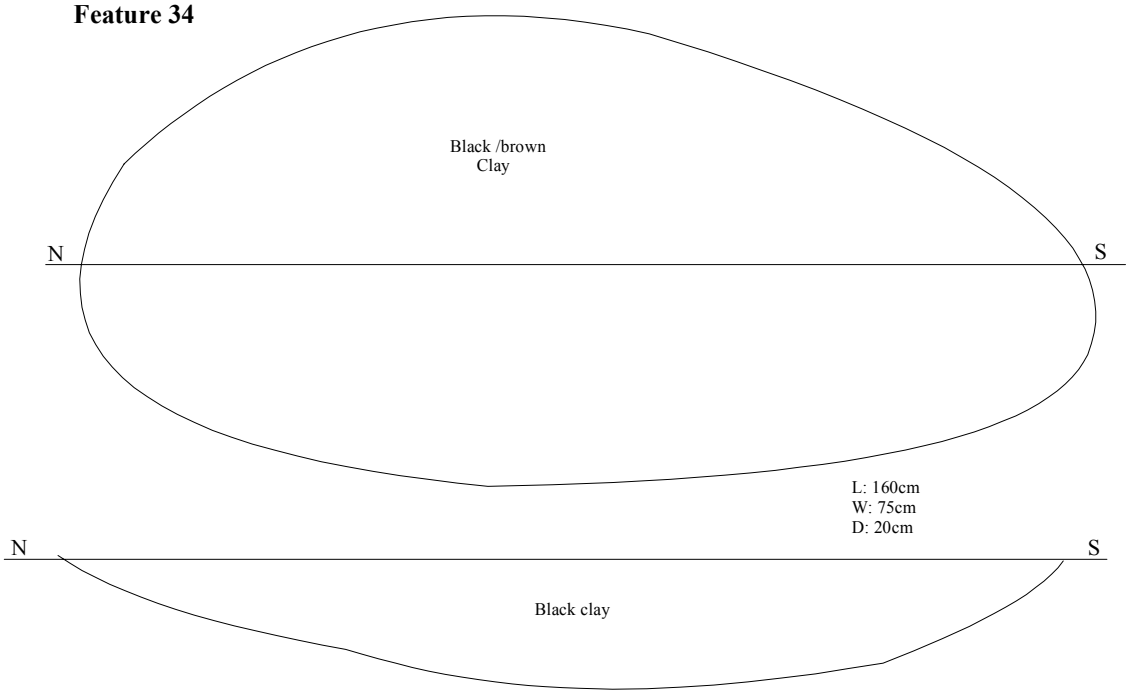

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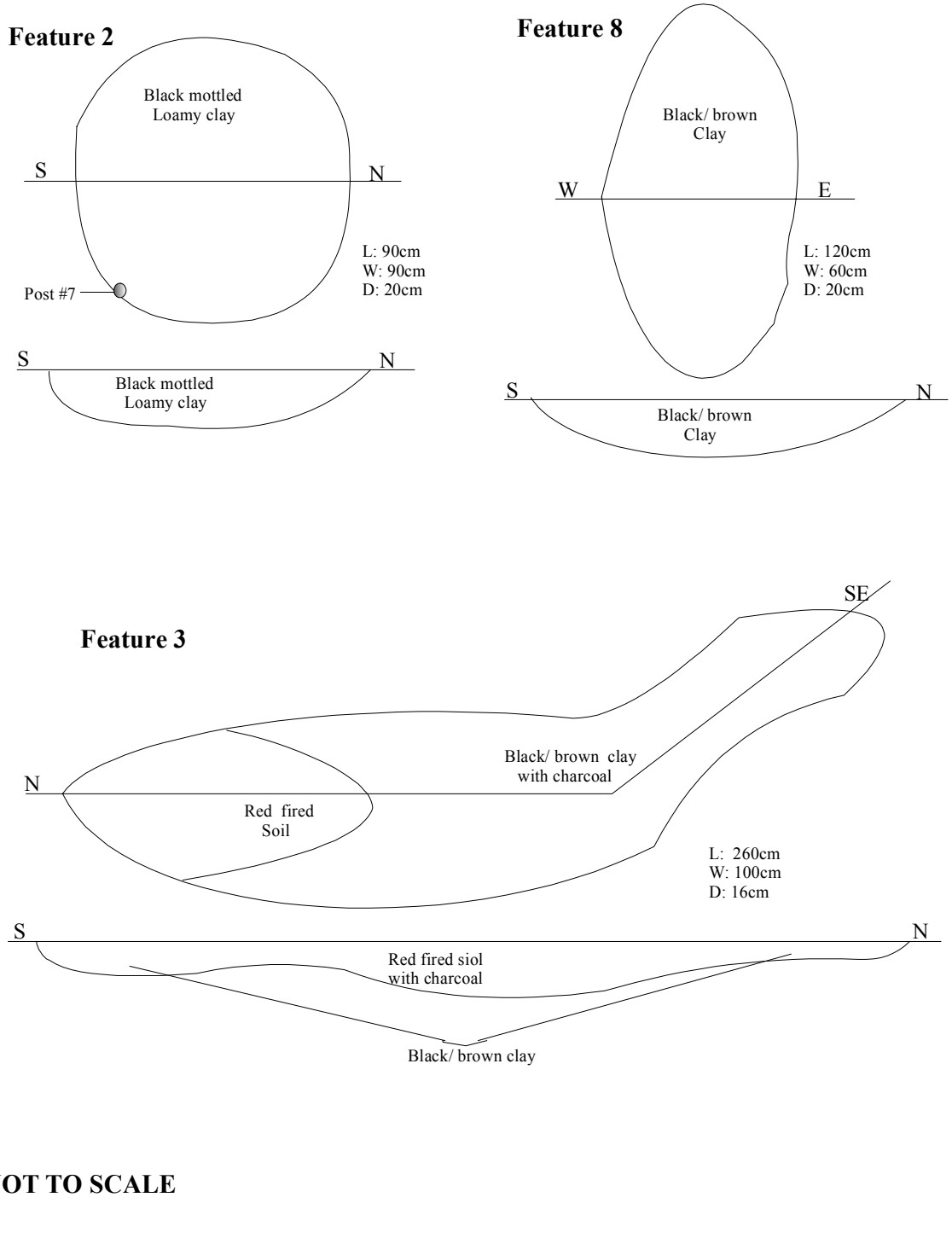
Feature Plans and Profiles Location 2 (AiGx-239):



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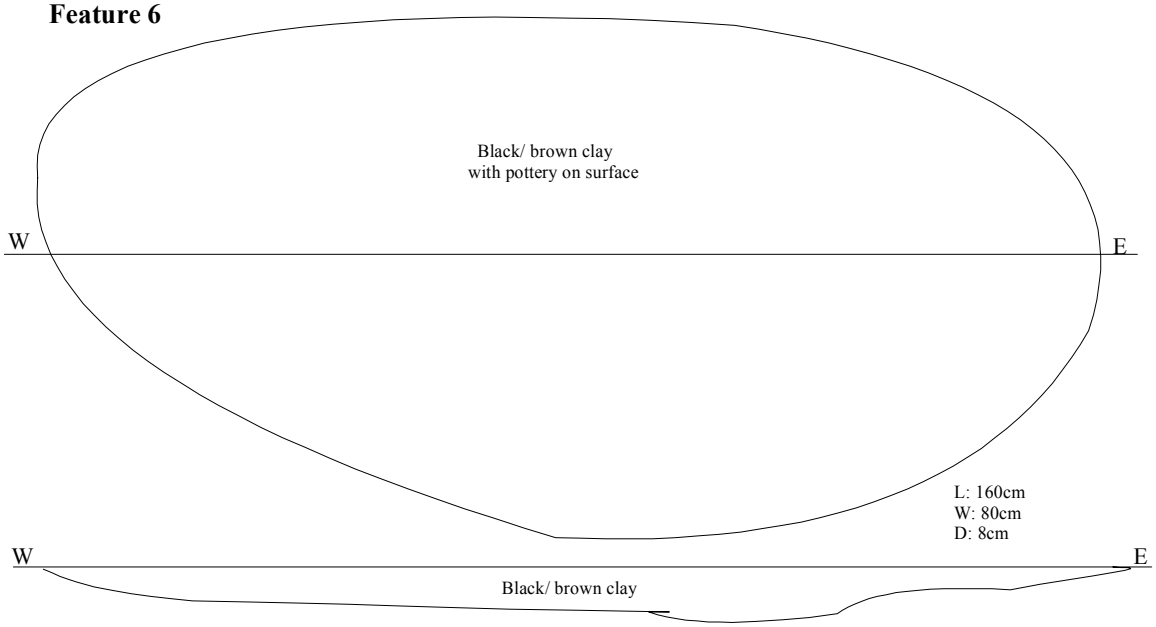

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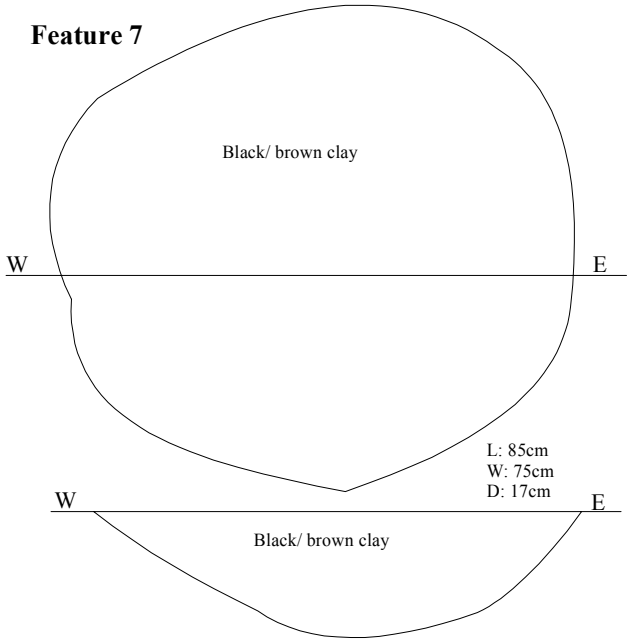

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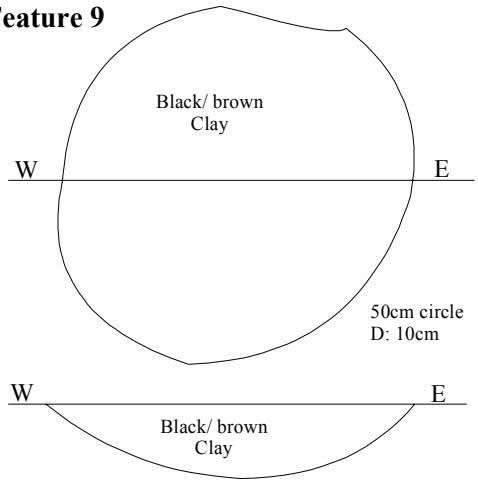
Feature 9



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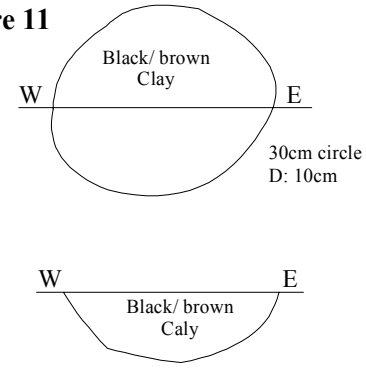

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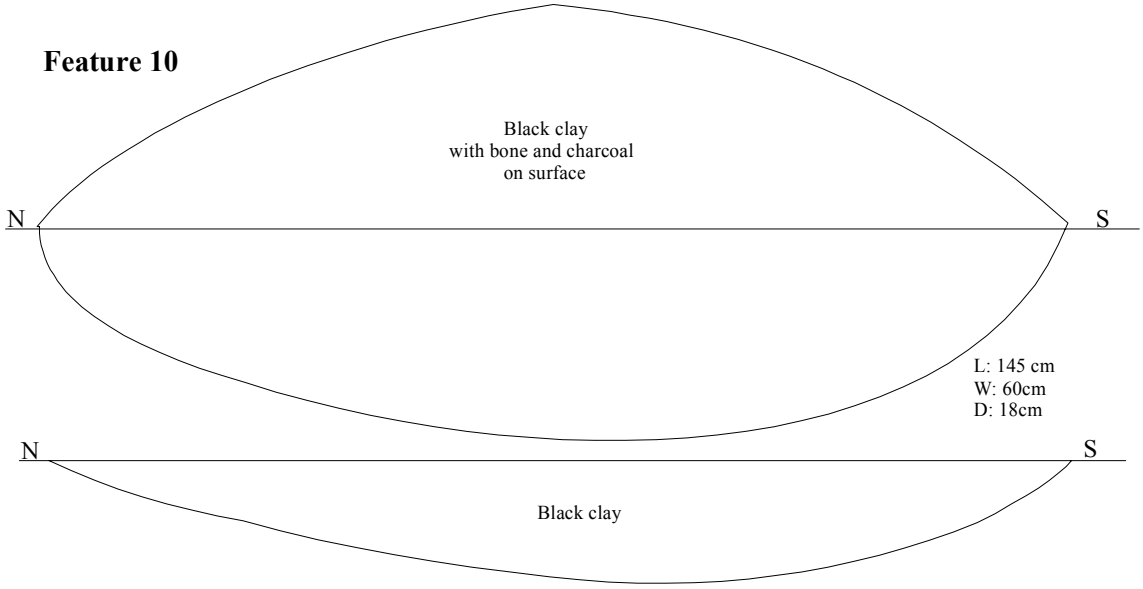
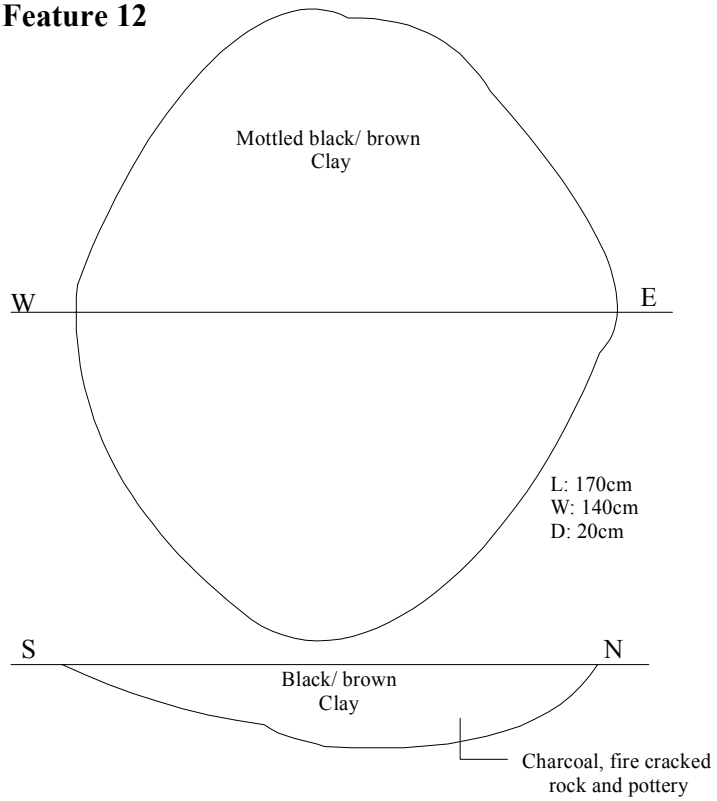


***NOT TO SCALE**

Feature 12



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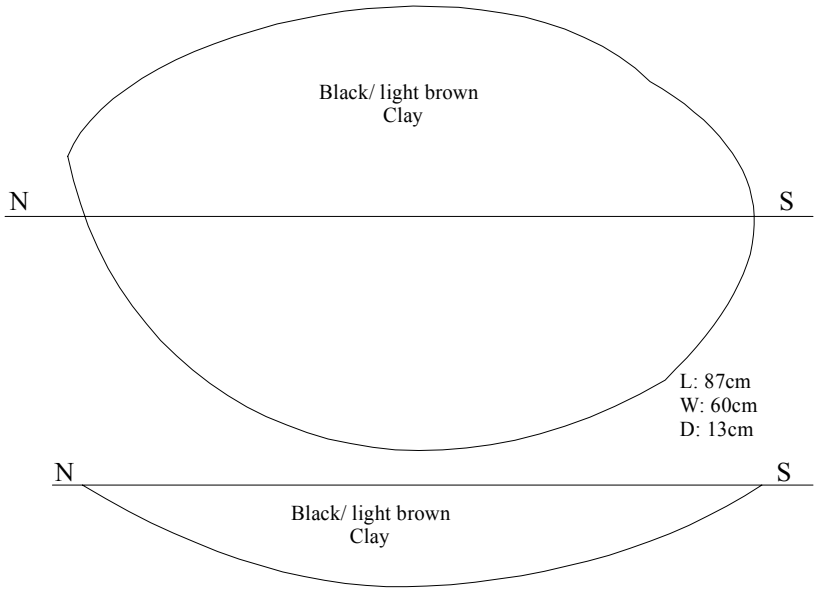

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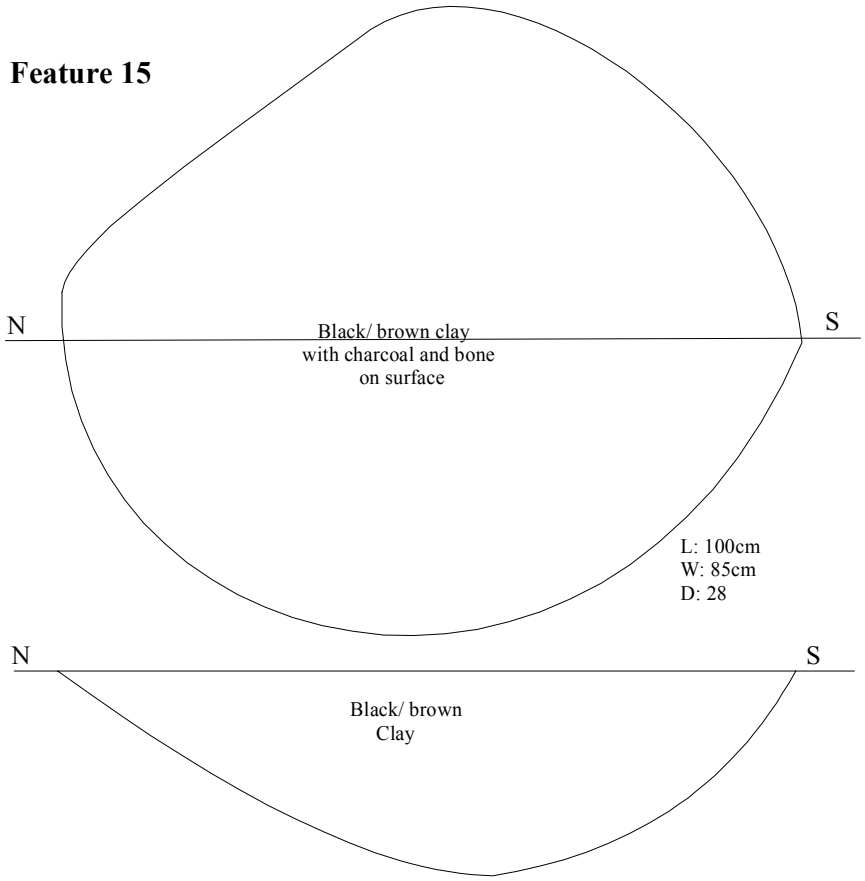
Feature 15



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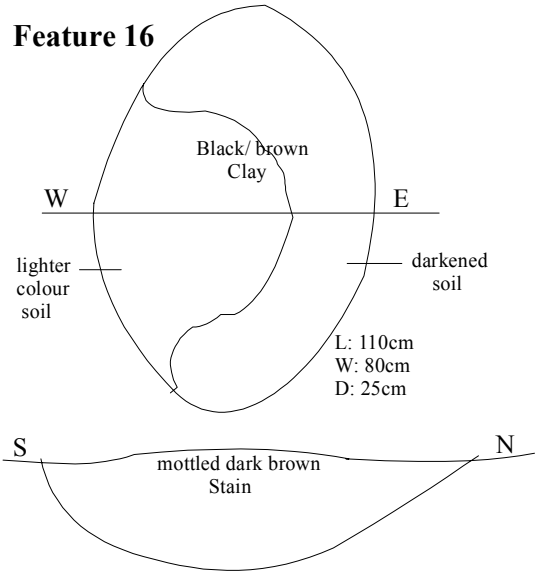

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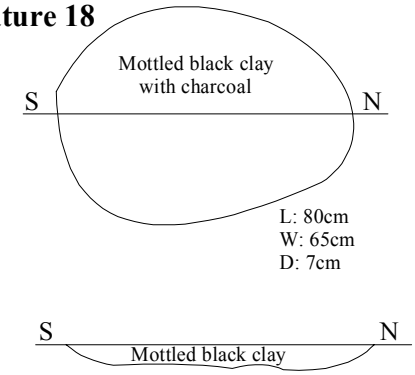

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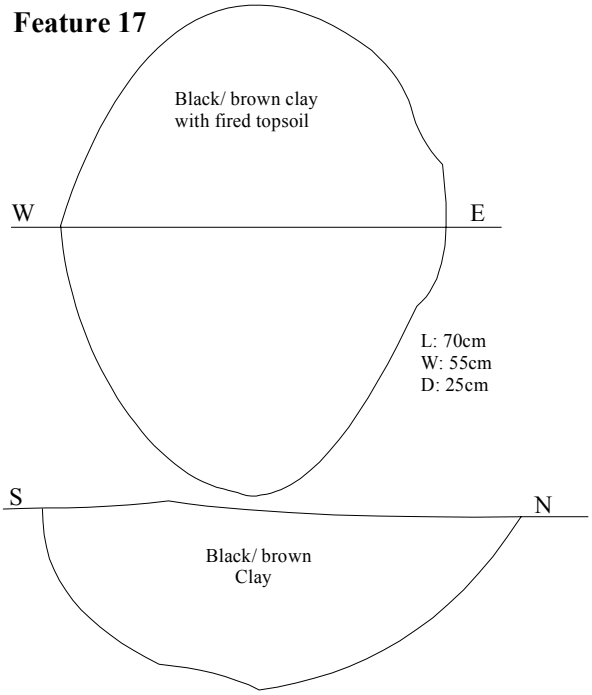

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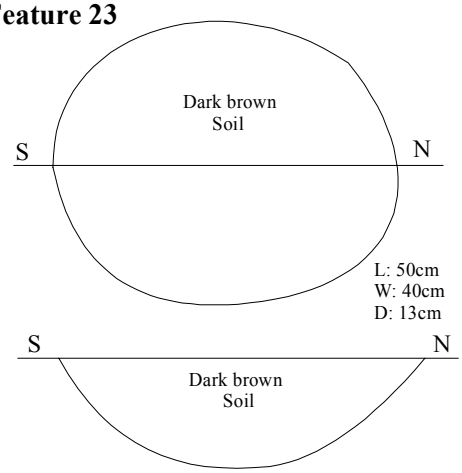

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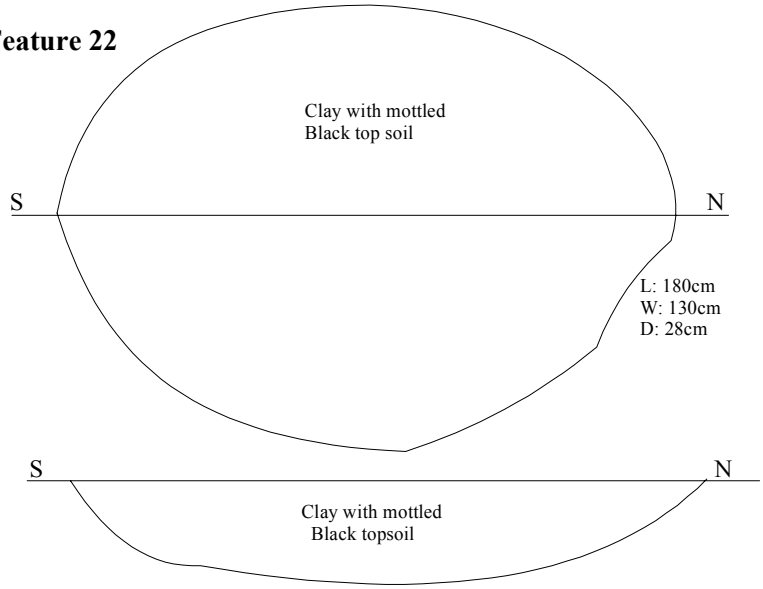

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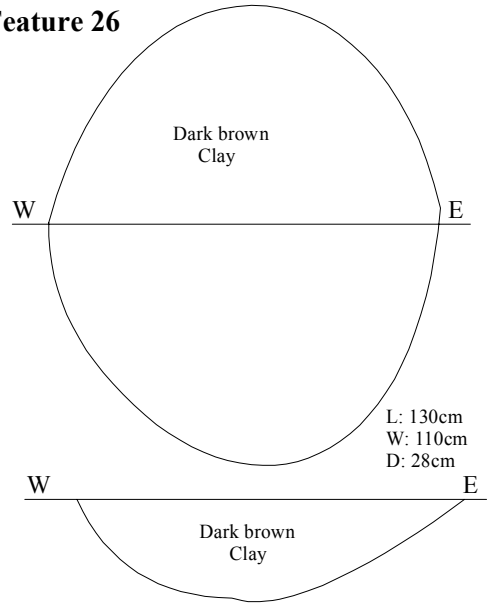
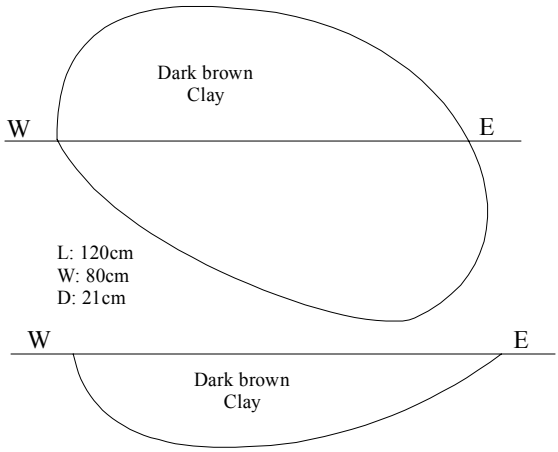
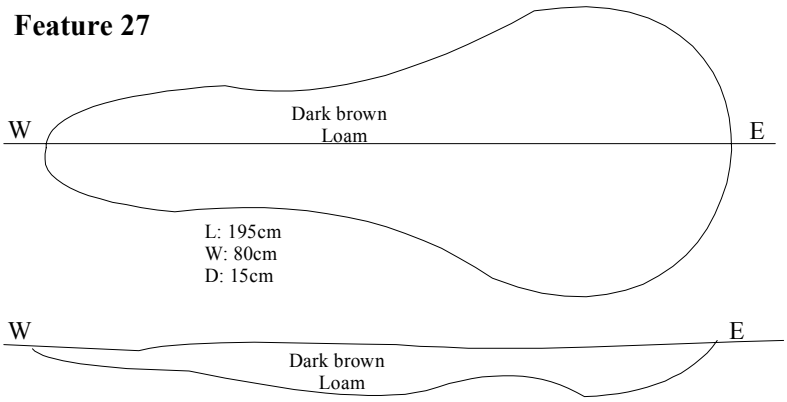


Feature 28



Feature 27



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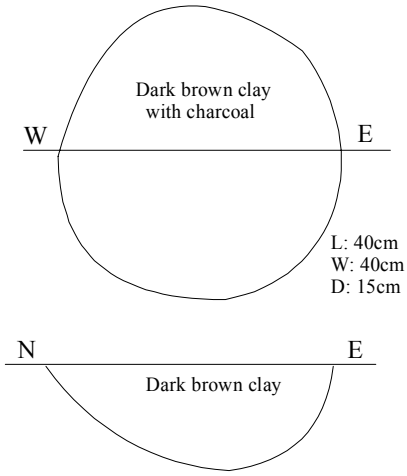
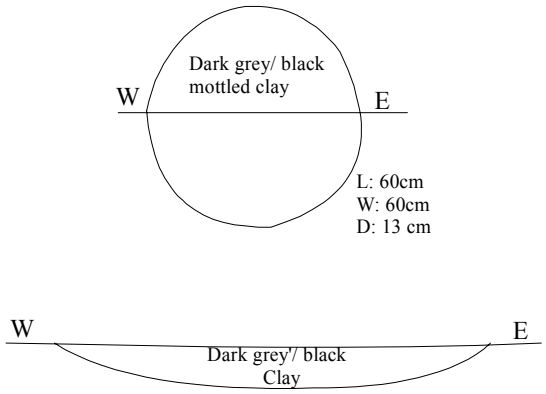
Feature Plans and Profiles Location 4 (AiGx-240):

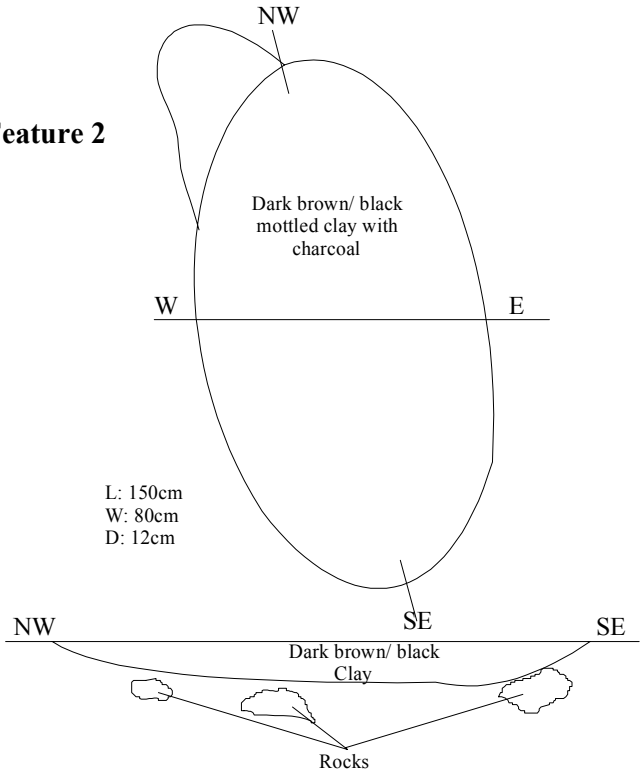
Feature 1



Feature 3

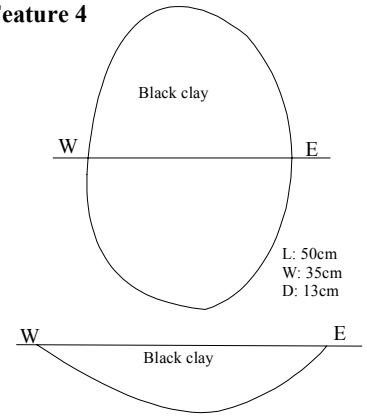


Feature 2

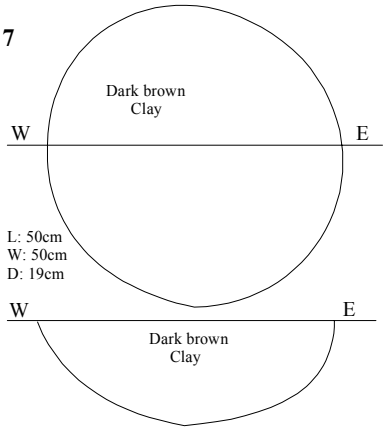


***NOT TO SCALE**

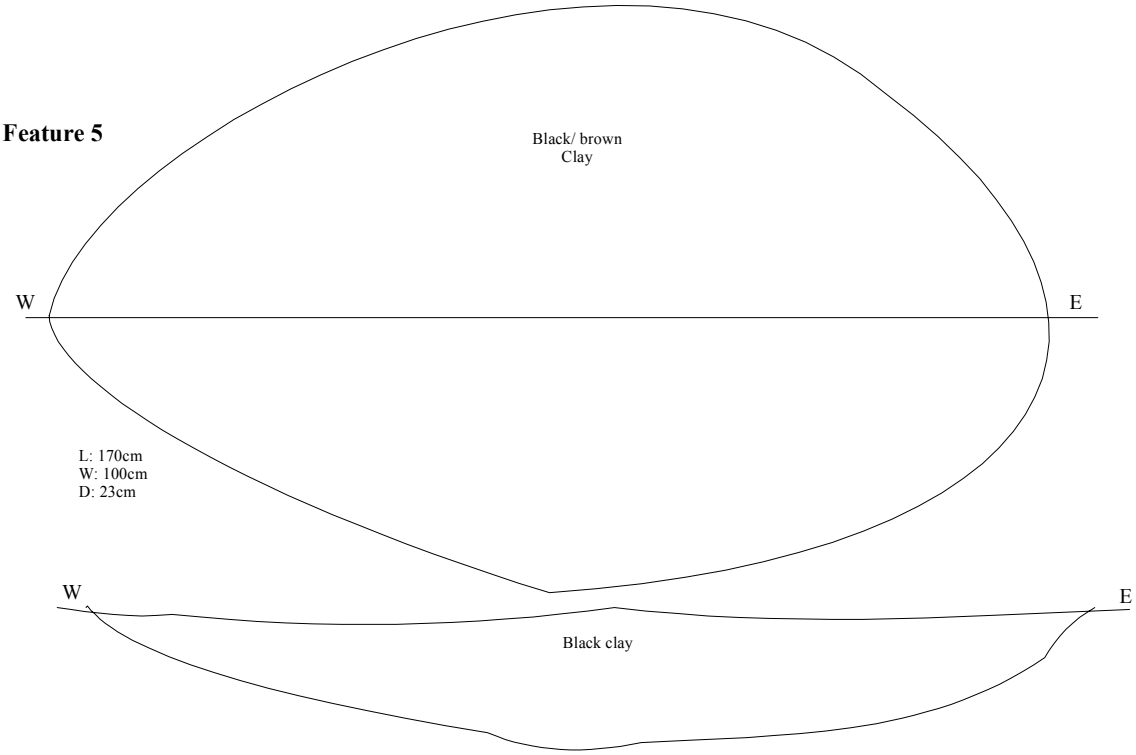
Feature 4



Feature 7



Feature 5



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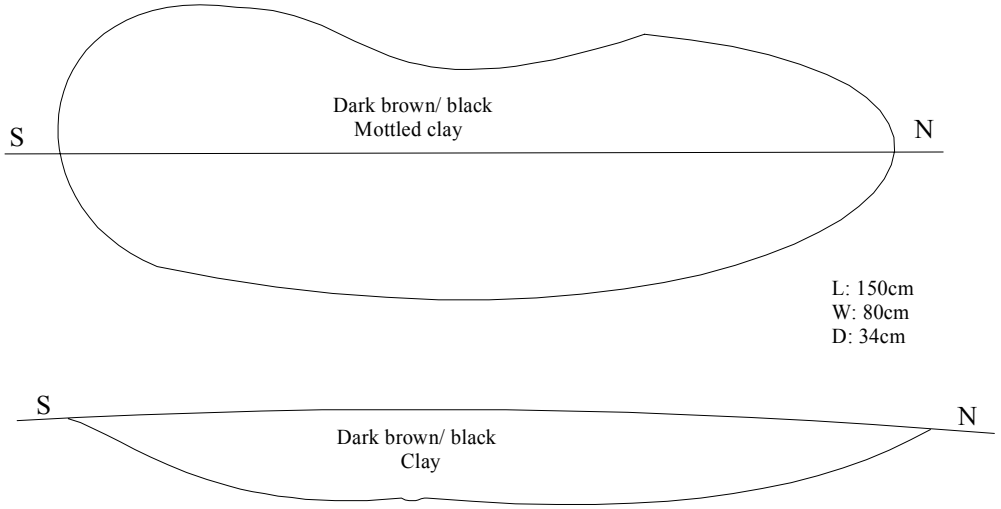
Feature 6



***NOT TO SCALE**

APPENDIX E:
Qualifications of the Principal Investigator

Jim Wilson, M.A.

President, Archaeologix Inc.

Education History:

1988 Honours B.A., University of Western Ontario, London, Ontario Canada. Department of Anthropology.

1990 Master's Degree, McMaster University, Hamilton, Ontario Canada. Department of Anthropology.

University Lecturing Positions:

1993 McMaster University:
1994 McMaster University:
1995 University of Western Ontario:

Archaeological Experience:

97-03 President, Archaeologix Inc.

96-97 Principle Field Investigator, Mayer Heritage Consultants Inc.

94/95 City of London Archaeologist Planner.

1994 Principle Field Investigator, Mayer Heritage Consultants Inc.

1993 Ontario Heritage Foundation Research: Research Assistant on the Middle Sydenham River Survey.

McMaster University: Project Director for the Thames River Middle Woodland Settlement/Subsistence Project.

Wilson Heritage Services: Project Director, Aldborough Township Archaeological Resource Assessment.

1992 McMaster University: Project Director for the Thames River Middle Woodland Settlement/Subsistence Project.

1991 Mayer, Poulton and Associates: Field Director for the Edenridge Subdivision Assessment.

Archaeological Research Associates: Field Assistant.

1990 McMaster University: Field Assistant on the Mixteca Alta Archaeological Survey; Oaxaca, Mexico.

1989 McMaster University: Project Director of the Boresma Site excavations.

Mayer, Poulton and Associates. Field Assistant on the Rosedale Subdivision Assessment.

1988 Mayer, Pihl and Poulton: Field Assistant for the Ontario Hydro Longwoods Transformer Station Project.

Mayer, Pihl and Poulton: Assistant on the Union Gas Hamilton to Niagara Falls pipeline survey and subsequent mitigations.

McMaster University: Field Assistant for the Harvie Site mitigation, a 19th century pioneer cemetery.

1987 Mayer, Pihl and Poulton: Field Assistant on the Vaughn Master Plan Survey.

Museum of Indian Archaeology: Field Assistant for the Matthew's Wood's Project.

Mayer, Pihl and Poulton: Field Assistant on the Ontario Hydro Longwoods Transformer Station Assessment, Phase One.

University of Western Ontario Field School.

1986 Museum of Indian Archaeology: Field Assistant at the Crawford Lake Site.

Publications:

1988 The Snake Creek Burial. ***KEWA*** 88(7):2-6. (With Dr. M.W. Spence).

1991 A Bad Analogy?: Northern Algonquian Models and the Middle Woodland Occupations of Southwestern Ontario. ***KEWA***: 91(6):9-22.

1991 The Kittmer Site: A Middle Woodland Camp on the Upper Thames Drainage. ***KEWA***: 91(6):2-8.

1992 Archaeological Investigations at the Duncan McGugan Middle Woodland Site. ***Annual Archaeological Review of Ontario***, 71-74 (With Dr. C. Ellis).

1993 The Preliminary Investigations at the Pocock Site and the Meadowood Phase along the Middle Thames Drainage. ***KEWA*:** 93(3):2-21.

1993 The Rice Lake Phase Reconsidered. ***KEWA***: 93(6):17-25.

1994 The Racher Site (AfHi-141): More Evidence Concerning Large Riverine Middle Woodland Sites Along the Middle Thames River Drainage. ***KEWA***: 94(4): 2-17.

1997 Summary of an On-Going Archaeological Assessment, Lt.-Colonel John Butler Homestead (AgGu-66), Niagara-on-the-Lake. In ***Arch Notes*** Vol.2(5):6-14. (With R.G. Mayer and S. Gouglas).

1997 Cherry Hill: A Kirk Corner-Notched Site at Fonthill, Ontario. ***KEWA*** : 97(7):2-11. (With B. Wimmer and A. Figura).

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