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February 28, 2011

Penn Energy Renewables, Ltd.
1 Yonge St., Suite 1801
Toronto, ON M5E 1W7

RE: Penn Energy Hamilton-Port Hope

Lot 3, Concession 2, Hamilton Township, Northumberland County, Ontario.

FIT#: F-000687-SPV-130-505

IRIMS: HD00575

PIF: P025-197-2010

Dear Proponent:

This letter constitutes the Ministry of Tourism and Culture's written comments as required by s. 22(3)(a) of O. Reg. 359/09 under the *Environmental Protection Act* regarding archaeological assessments undertaken for the above project.

Based on the information contained in the report(s) you have submitted for this project, the Ministry believes the archaeological assessment complies with the *Ontario Heritage Act's* licensing requirements including the licence terms and conditions and the Ministry's 1000 Archaeological Assessment Technical Guidelines. Please note that the Ministry makes no representation or warranty as to the completeness, accuracy or quality of the Report(s).*

The report(s) recommends the following:

- Stage 3 excavation at site BsGm-11 revealed a significantly early Euro-Canadian residence site, possibly a log cabin, with highly diagnostic artifacts. Feature 1 at this site may be a cabin hearth and included a wide variety of period diagnostic materials. The Stage 3 excavation plan of 18 square metres identified the high density area of the site surrounding Feature 1 and a possible small midden area in the southwest. Our recommendation is that this site be excluded from the project area with a 20 meter buffer zone. If it is not possible to exclude this site from the project area, a full Stage 4 excavation should be performed.

- Since the solar array was shifted away from this field during the course of our field investigation, no further work is recommended for site BaGm-12 at this time.
- If deeply buried archaeological remains are encountered during construction, the proponent must stop work immediately and contact Norbert Stanchly of the Archaeology Unit of the Ministry of Tourism and Culture at 416-314-7146. If human remains are encountered, the proponent must stop work immediately and contact the Registrar of Cemeteries Regulation Section of the Ministry of Consumer and Business Services at 416-326-8404, as well as the Archaeology Unit of the Ministry of Tourism and Culture.

The Ministry is satisfied with the recommendations.

This letter does not waive any requirements which you may have under the Ontario *Heritage Act*. A separate letter addressing archaeological licensing obligations under the Act will be sent to the archaeologist who completed the assessment and will be copied to you.

This letter does not constitute approval of the renewable energy project. Approvals of the project may be required under other statutes and regulations. It is your responsibility to obtain any necessary approvals or licenses.

Please feel free to contact me if you have questions or require additional information.

Sincerely,



Andrew Hinshelwood
Archaeology Review Officer

cc: Dr. L. J. Jackson
Northeastern Archaeological Associates
PO Box 493
Port Hope, ON L1A 3Z4

**In no way will the Ministry be liable for any harm, damages, costs, expenses, losses, claims or actions that may result: (a) if the Report(s) or its recommendations are discovered to be inaccurate, incomplete, misleading or fraudulent; or (b) from the issuance of this letter. Further measures may need to be taken in the event that additional artifacts or archaeological sites are identified or the Report(s) is otherwise found to be inaccurate, incomplete, misleading or fraudulent.

STAGE 1 TO 3 ARCHAEOLOGICAL ASSESSMENT OF THE PENN ENERGY
– HAMILTON PORT HOPE4 SOLAR PROJECT, LOT 3, CONCESSION 2,
HAMILTON TOWNSHIP, NORTHUMBERLAND COUNTY, ONTARIO.

FIT #: F-000687-SPV-130-505

For

Penn Energy Renewables, Ltd.

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From

Northeastern Archaeological Associates Limited,
P.O. Box 493,
Port Hope, Ontario
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Licensed to: Dr. Lawrence Jackson,
Licence #: P-025
PIF #: P-025-197-2010

February 4, 2011



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INTRODUCTION

A contract to carry out a Stage 1 to 3 archaeological assessment of the Penn Energy-Hamilton_Port Hope4 Solar Project, Lot 3, Concession 2, Hamilton Township, Northumberland County, Ontario, was awarded to Northeastern Archaeological Associates Ltd. by Penn Energy Renewables Ltd. on September 20, 2010. The subject property is an approximately 100 acre parcel of agricultural land about 1 km north of highway 401, and east of the city of Cobourg, Ontario (see Figure 1 below). Permission to enter the property was granted by the proponent. All artifacts are curated with Northeastern Archaeological Associates Limited. This report represents a complete record of all activities conducted at the site.

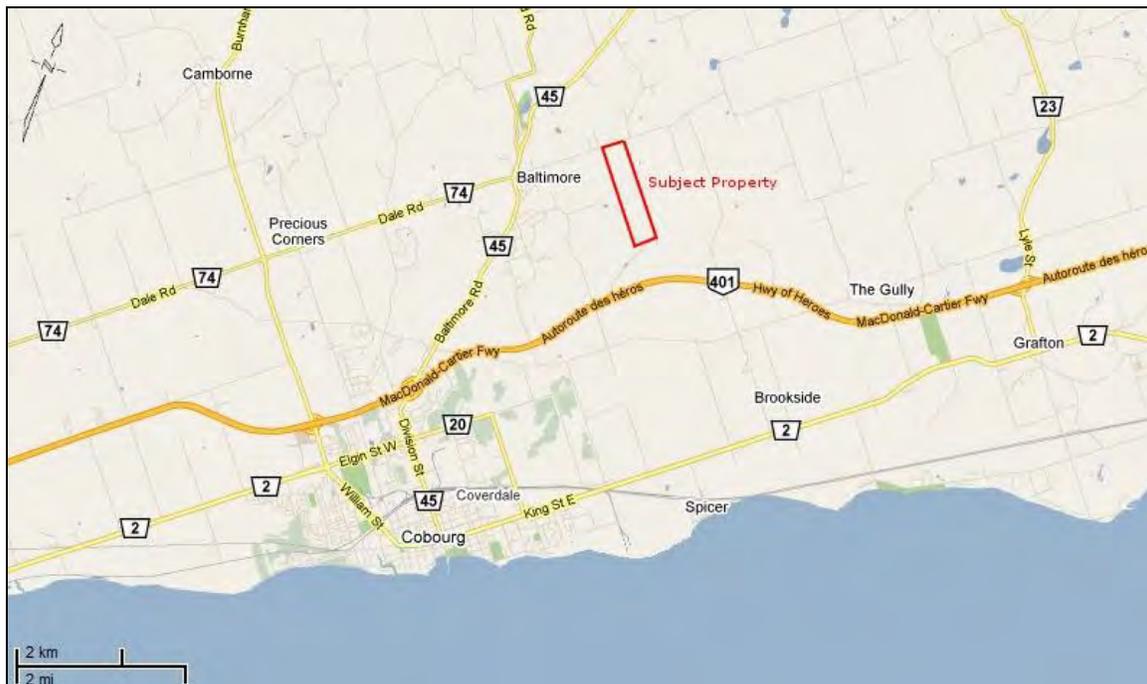


Figure 1: Location of Subject Property in Township of Hamilton, Ontario.

REGIONAL PHYSIOGRAPHY

The subject property is located in the South Slope physiographic region of southern Ontario (Chapman and Putnam 1973). The South Slope is, as its name suggests, the southern slope of the Oak Ridges Interlobate Moraine which was formed when the Simcoe and Ontario lobes of the Northern ice sheet separated about 12,600 years B.P. The south slope in Durham and Ontario counties is drumlinized, with outliers of the Peterborough Drumlin Field common. Streams flow directly down slope and generally have cut deep valleys in the soft slope sediments. (Chapman and Putnam 1973). Locally, the subject property is in an area of sand plains and drumlins. The property itself is in an upland area with good drainage. Most of the vegetation has been cleared in association with cultivation. See Figure 2 below for aerial view.





Figure 2: Aerial Photo Showing Outline of Subject Property in Red.

KNOWN ARCHAEOLOGICAL SITES

A search of the archaeological sites data base of the Ontario Ministry of Culture by data co-ordinator Robert von Bitter on September 21, 2010 did not produce evidence of any recorded archaeological sites within a 2 km radius of the subject property. Given the lack of systematic survey in the area, it is likely that archaeological sites will be discovered in this area in future.

HISTORIC BACKGROUND

The subject property in the Township of Hamilton, and just southeast of the Town of Baltimore, is within the broad settlement area associated with the City of Cobourg to its southwest. Cobourg, settled originally by United Empire Loyalists, was first known as Amherst and then as Hamilton, before finally adopting its present name. It was settled early on, the first settler being Elias Nicholson, who built a small cabin in 1798. Elias Jones opened the first store on King Street in 1802. Cobourg was incorporated as a village in 1837 and as a town in 1850. Construction of Victoria Hall in downtown Cobourg began in 1856 and was completed in 1860. The Cobourg and Peterborough railway opened to Rice Lake in 1854.

Locally, a search of the land registry records for Lot 3, Concession 2 shows the patent for the property as going to Kings College in 1828. The assessment rolls and census records for the lot however, indicate that the first individual recorded here was Adolphus Hellenborld in 1823. The first recorded land cultivation was in 1827, and the first recorded house on the property was in 1837 under the name Pat Buirk. This house was recorded as being frame and brick and is therefore not thought to be associated with the still standing stone house in the north end of the property. Land registry records show that in 1851 and 1852, the property was sold in parts to David Haig and John Lidgate. Census records however indicate that it was being used by several people at this time. In total, there were 31 land transactions in regards to the property between 1855 and 1958. Primary names involved in these transactions include: Jayne, Weir, Mann, Hydro Electric, and later Parker. The name Buirk does not show up in the land registry forms.

The 1878 Historic Atlas Map for Hamilton Township indicates that the area was well populated. The property at the time is shown as owned in parts by D. Haig and A. Lundgate – a slightly different spelling from the previous Lidgate. A house is shown on the end of the property owned by Haig. This map also shows several other houses within the surrounding properties. The house shown on the property at this time corresponds with a still standing stone house in the north end. (H. Belden & Co. 1878). Figure 3 below shows the area of the Historic Atlas map in which the property is located.

FIELD CREW, SCHEDULE AND CONDITIONS

All field work on the subject property was carried out under the Project Direction of Dr. Lawrence Jackson and the Field Direction of Lawrence Jackson and Marika Atfield, with the field assistance of Myles Allen, Justin Tighe, and Nelson Jacobs. All Stage 2 surface survey was carried out under clear conditions on September 27, October 19, and November 19, and the 22-24, 2010. One Stage 2 meter by meter test unit was also excavated on September 27 at site BaGm-12. Shovel testing on the property was carried out on October 19, and November 23, 2010. All Stage 3 field work was carried out under clear conditions on October 5-8, 2010 at site BaGm-11.



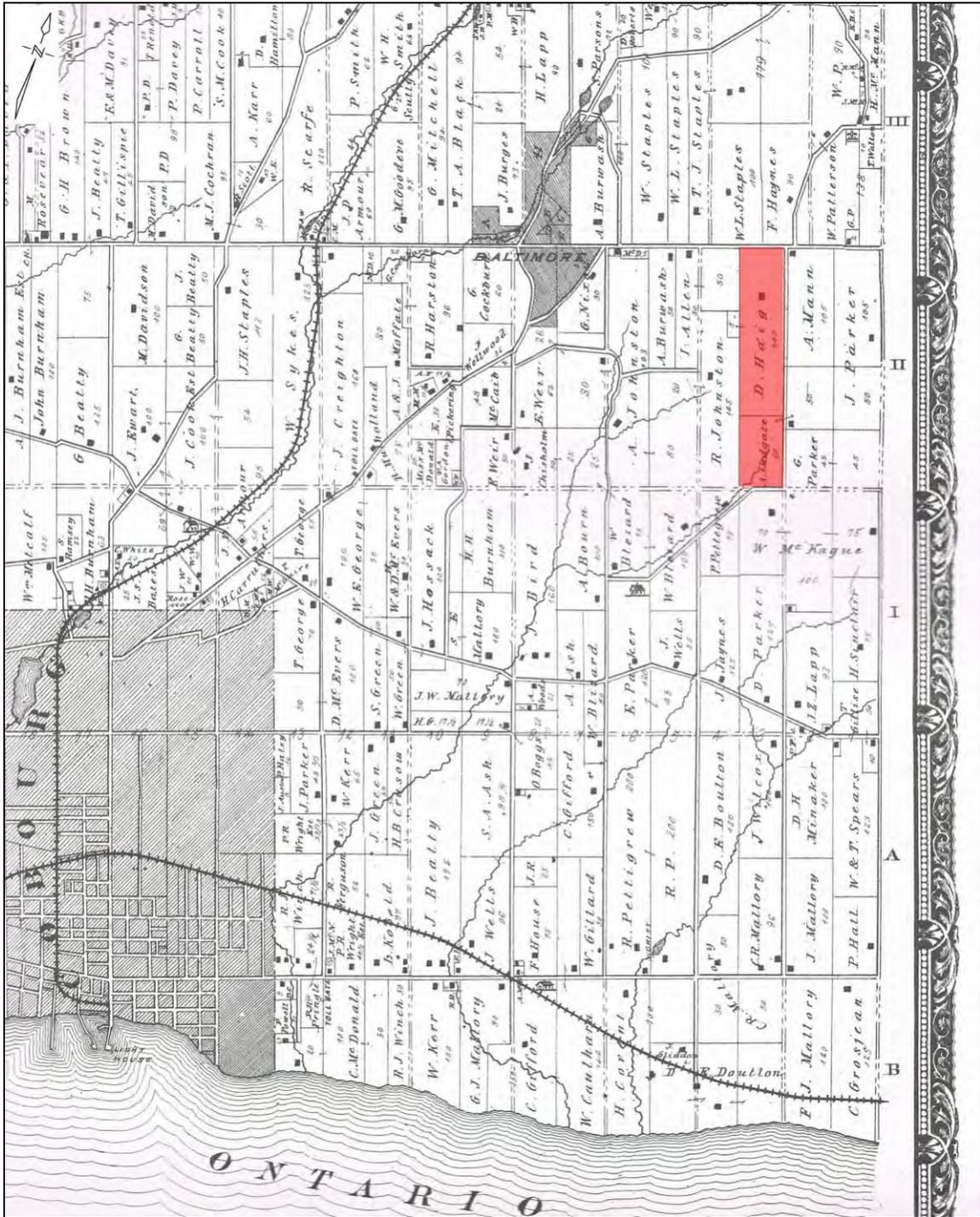


Figure 3: 1878 Historic Atlas Map of Hamilton Township Showing Subject Lot and Concession in Red (after H. Belden & Co. 1878).



STAGE 2 METHODOLOGY

Due to its proximity to historic structures and known archaeological sites, as well as its location in an area of good visibility, the entire property was tested at a high potential 5 meter interval. Only those areas where development is set to take place were tested, as outlined in Figure 4 below. A grassy area, upland of a ravine running northeast to southwest in the south end of the property, was shovel tested. The remainder of the property consisted of ploughed agricultural land and was therefore surface surveyed. All shovel tests were excavated to sterile subsoil, and all fill was screened through ¼ inch mesh rocker screens. All test units were backfilled.

RESULTS OF STAGE 2 SHOVEL TESTING AND SURFACE SURVEY

A total of about 950 shovel tests was excavated on the property, as well as surface survey of eight ploughed agricultural fields, leading to the discovery of one artifact find location and one artifact scatter (see Figure 4). A single pre-contact pottery fragment (BaGm-12-1) was recovered in the north end of the southernmost ploughed field (see Figure 4, and Plate 3). Additional concentrated surface survey at a 2 meter interval around the find did not yield any extra material at this location. One Stage 2 meter by meter unit was excavated directly over the find location, which yielded four fragments of pre-contact pottery (BaGm-12-2), one black chert and limestone flake fragment (BaGm-12-3), and one light grey chert and limestone fragment (BaGm-12-4). The site has been designated BaGm-12. Upon discovery of this site, a decision was made to leave this portion of the property out of the development plans. This portion of the property will therefore not be included in the recommendations for this report. Surface survey of the ploughed field directly north of the southernmost field also led to the discovery of a Euro-Canadian artifact scatter in its east end, designated BaGm-11. Artifacts recovered during Stage 2 testing total 24 and include: two fragments of green shell edge pearlware and one plain pearlware fragment, seven fragments of hand painted earthenware including one rim, four fragments of blue transfer earthenware including one base, one blue-banded earthenware rim fragment, one blue-brown-orange slipware fragment, three plain white earthenware fragments, one clay pipe stem fragment, one olive green bottle glass fragment, one pale blue tinged window glass fragment, one fragment of green glazed stoneware, one fragment of brown glazed red stoneware, and one red brick fragment. See Plate 5 for example Stage 2 artifacts for this site, and „Appendix A’ below full artifact catalogue. „Results of Stage 3 Unit Excavations’ discusses further testing at this location. There were no other artifacts recovered during Stage 2 testing on this property, either historic or prehistoric. All artifacts are curated with Northeastern Archaeological Associates Limited.



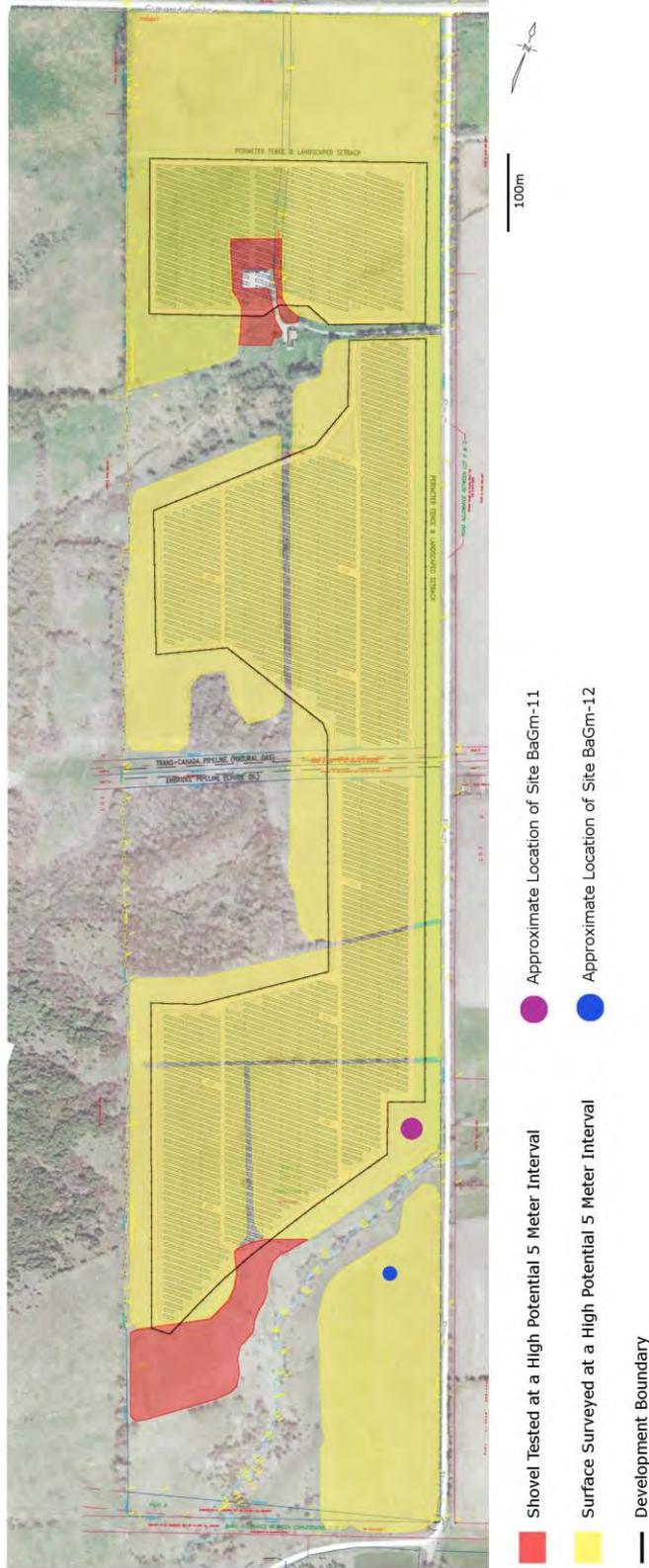


Figure 4: Methodology Map Showing Areas Tested and Locations of Sites BaGm-11 and BaGm-12.





Plate 1: View Southeast of Shovel Testing on Northeast Side of Existing Stone House in North End of Property.



Plate 2: View Northwest of Surface Survey of Ploughed Field in North of Property.





Plate 3: View East of Stage 2 One Meter Excavation at Site BaGm-12.



Plate 4: View North of High Potential 5.0 Meter Surface Survey in Northeastern Field.





Plate 5: Representative Stage 2 Artifacts from Site BaGm-12.

- A: Pre-Contact Pottery Body Sherd, BaGm-12-2.
- B: Pre-Contact Pottery Body Sherd, BaGm-12-1.
- C: Onondaga Chert Flake Fragment with Cortex, BaGm-12-4.

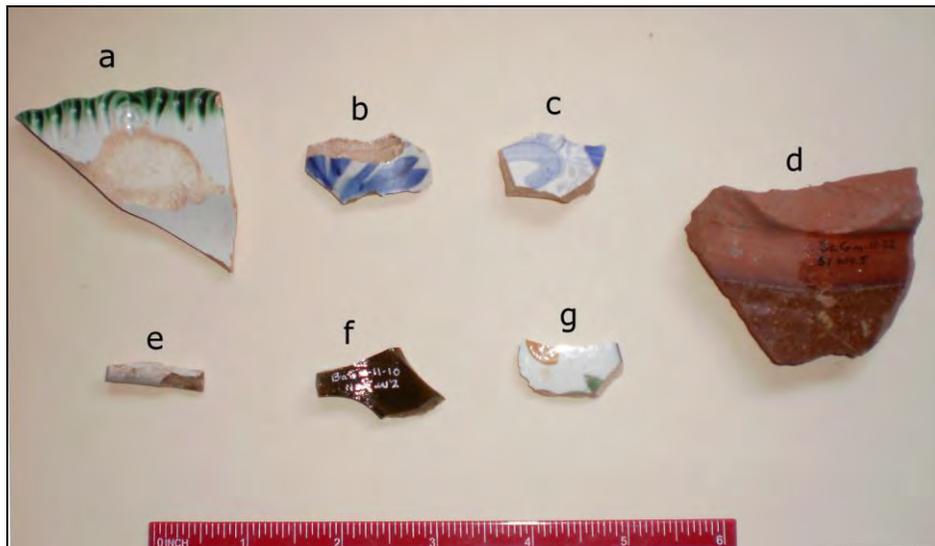


Plate 6: Representative Stage 2 Artifacts from Site BaGm-11.

- a: green shell edge plate rim fragment, BaGm-11-18, N11.75 E6.5
- b: hand painted blue floral design earthenware body fragment, BaGm-11-4, N5 W4
- c: blue transfer base fragment, BaGm-11-12, N10.75 E8.5
- d: clay pipe stem fragment, BaGm-11-19, N11.75 E6.5
- e: olive green glass bottle body fragment, BaGm-11-10, N7.5 W2
- f: hand painted earthenware rim fragment, BaGm-11-20, N12.5 E2.25
- g: red stoneware with brown glaze vessel fragment, BaGm-11-22, S1W4.5



RESULTS OF STAGE 3 UNIT EXCAVATIONS

In response to the surface finds recovered during Stage 2 testing of this property, Stage 3 testing was carried out in and around the location of site BaGm-11 in the south end of the property. A five meter grid system was used to determine excavation locations at this site, resulting in the excavation of a total of 18 meter by meter test units (see Figure 5). One feature was discovered in unit N11E1 (see Plates 8 and 9), which due to the recovery of a rare 1815 coin on the surface of the subsoil, led to the decision to widen the excavation to a two by two meter unit in order to determine the extent of the feature. The entire feature was excavated, resulting in recovery of a large artifact assemblage and a significantly earlier dating of the site. All Stage 3 test units were excavated to sterile subsoil, and all fill was screened through ¼ inch mesh rocker screens. All test units were backfilled. See below for full artifact description.



Plate 7: View West of Site BaGm-11 During Excavation.



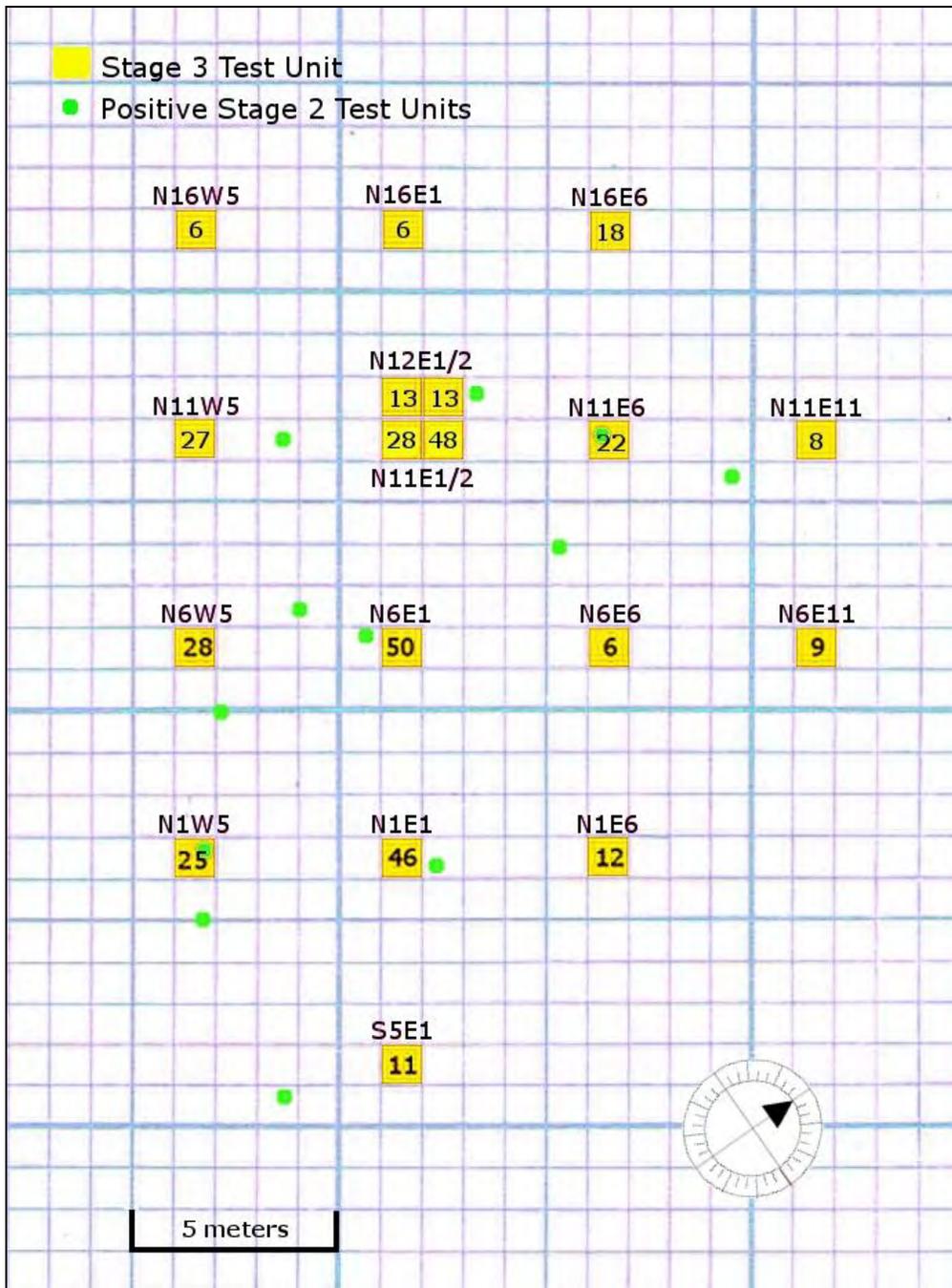


Figure 5: Methodology Map Showing Locations of Positive Stage 2 Test Units and Stage 3 Units with Artifact Counts (excluding Feature 1 Materials) at Site BaGm-11.





Plate 8: View North of Feature 1 in Units N11E1 and E2 and N12E1 and E2.



Plate 9: View North of Feature 1 in Cross-Section at Site BaGm-11.



STAGE 3 ARTIFACT DESCRIPTIONS

Stage 3 unit excavations at site BaGm-11 (excluding feature 1) led to the recovery of 375 Euro-Canadian artifacts, including fragments of ceramic, glass, clay pipes, metals, brick, and animal bone. Artifacts have been found to range in age from the late 1700s to the early 1900s. As stated above, Feature 1 was discovered when excavating unit N11E1. This unit was subsequently expanded to a two by two meter unit in order to outline its extent. Plate 9 above shows Feature 1 after partial excavation. Artifacts recovered were similar to those found in the other Stage 3 Units. Below are Stage 3 artifact descriptions for the units at site BaGm-11, followed by those for Feature 1.

Stage 3 Unit Artifacts

CERAMICS

Shell Edge

Blue Shell Edge is a type of pearlware with moulded edging intended to mimic the rim of a shell. It was the most common type of pearlware decoration in the 18th century (Sussman 1977). Shell Edge earthenware recovered from the site totals 25 fragments, including six fragments that have been heat altered (BaGm-11-86, 244, 222, -190, -223, -48). The fragments recovered were primarily blue, but also green in colour and display at least three styles including, the hand cut Rococo style (BaGm-11-122) dated to between 1775 and 1810, the Neoclassical style (BaGm-11-71, -116, -139, -156, -157, -35, 261) dated to between the 1800s and 1830s, and the Embossed Edge style (BaGm-11-84) dated to between the 1820s and 1830s (Maryland Archaeological Conservation Lab 2003). Several fragments that are coloured green with an unidentifiable style were also recovered (BaGm-11-72, -38, -37, -87, -158), as well as a fragment of plain pearlware (BaGm-11-129) that is likely related to one of these shell edge table wares.

Flow Blue

Flow blue is a decorative transfer printing technique characterized by blue underglaze designs with a smudged appearance. Applied to white earthenware, it was invented by Josiah Wedgwood II coming into use after the 1820s. Peak export years were from the mid-1800s to early 1900s. (Gaston 1996). One fragment of Flow Blue earthenware was recovered with an unidentifiable design (BaGm-11-209).

Hand Painted

There were 94 fragments of hand painted earthenware recovered during Stage 3 excavations at the site. Many of the fragments are extremely small and exhibit the same floral with banding designs. They consist of a number of colours including blue, green, yellow, black, orange, and pink. Several pieces have been heat altered (BaGm-11-112, -166, -92). See Plate 10 for representative fragment. Hand painted wares of this design and colour scheme have been dated to 1830 (Miller 2000).



Transfer Wares

The first mass produced design transfer wares were produced exclusively with cobalt blue since it was the only colour that could effectively be used at the time. They were first produced in the mid-18th century as a design printed over-top of a glaze (Quintner 1997). Underglaze prints in pink, brown, and green colours could be produced from 1820 onwards, and multi-coloured prints from the 1840s onwards, in a similar method to that used in blue transfers (Godden 1990).

A number of coloured transfer earthenware fragments in blue, black and pink were recovered from the site. Artifacts found suggest at least five vessels, and include two rim fragments (BaGm-11-159, -88) and one body fragment from a pink floral design vessel, one heat altered base (BaGm-11-162) and two body (BaGm-11-165) fragments from a black transfer vessel, seven blue transfer rim fragments in floral and geometrical designs, two blue transfer base fragments with unidentifiable design (BaGm-11-, 42, -161), one blue floral design body fragment (BaGm-11-163), and 15 blue body fragments with geometrical or unknown designs.

Slipware

Nine fragments of slipware were recovered during Stage 3 excavations at the site (BaGm-11-76, -75, -146, -97, -207, -195, -63), all exhibit similar colours in shades of brown and blue. Slipware is a type of earthenware where a second glaze, or slip, has been applied over top of the initial glaze.

Plain White Earthenware

Plain white earthenware fragments recovered from the site total 121. This includes 55 body fragments and 26 blue tinged body fragments, 14 base fragments and 4 blue tinged base fragments (BaGm-11-148, -49, -30, -197), and 7 rim fragments (BaGm-11-196, -130, -64, -147, -29). Also recovered were several heat altered fragments including one rim (BaGm-11-213), one base (BaGm-11-98), and 9 body fragments, as well as one floral embossed rim fragment (BaGm-11-178), and three ribbed body fragments (BaGm-11-149, -214, -50). The blue tinged fragments are likely associated with the shell edge ware discussed above.

Semi-Porcelain

Porcelain was invented early in China, but was not made in Europe until the early 18th century. True porcelain, or hard-past porcelain, is first fired at a low temperature and then at a high one, while semi-porcelain, or soft-past porcelain, is fired at a high temperature both times. (Godden 1990). One fragment of white semi-porcelain earthenware was recovered from the site (BaGm-11-151).

STONEWARE

Stoneware is a kind of low porosity pottery fired at a high temperature. It is usually glazed and commonly made from a single clay type. These wares were common in the 18th and 19th centuries as kitchen storage containers. (Waasdorp 2005).



Eight fragments of stoneware were recovered from the site, including one brown and grey glazed base fragment (BaGm-11-263) and matching body fragment (BaGm-11-264), one light brown glazed rim fragment, one dark brown glazed handle fragment, and four non-matching body fragments glazed brown, green, and grey.

A total of 21 fragments of red stoneware from at least three vessels was also recovered from the site. These include seven fragments from a light yellow and brown glazed vessel, three fragments from a black glazed vessel, five fragments from a green glazed vessel, and six unglazed fragments.

CLAY SMOKING PIPES

Imported clay pipes used for tobacco smoking were popular in Canada and were produced by a number of Canadian manufacturers (largely in Montreal) in the mid-to-late 19th century. Nine clay pipe fragments were recovered from the site during Stage 3 excavations, including four plain stem fragments (BaGm-11-219, -68, -202, -184), two plain bowl fragments (BaGm-11-137, -121), one bowl fragment with decorative vine design moulding (BaGm-11-153), and two bowl fragments with unidentifiable decorative moulding (BaGm-11-203, -227).

GLASS

Green Bottle Glass

Eleven body fragments of olive green bottle glass were recovered from the site, including two heat altered fragments (BaGm-11-34, -107). They range in thickness from 1cm (BaGm-11-217) to 1.65cm (BaGm-11-106).

Colourless Bottle Glass

Because of natural impurities in glass, clear or 'colourless' glass was not commercially produced until the 20th century. (Jones and Sullivan, 1989). Two fragments of colourless bottle glass were recovered from the site, including one medicine type bottle base fragment (BaGm-11-255) measuring 1.5cm in thickness, and one bottle body fragment measuring 3mm in thickness (BaGm-11-105).

Window Glass

Five fragments of thin colourless window glass were recovered from the site, all measuring 4mm in thickness (BaGm-11-200, -56, -218, -183).

BUTTONS

There were two buttons recovered from the site during Stage 3 excavations, including one four holed bone button (BaGm-11-242), and one four holed iron button (BaGm-11-257), both 3.5cm wide. Age ranges for similar iron buttons recovered from Feature 1 are discussed below.



FAUNA

Eight mammalian animal bone and tooth fragments were recovered from the site during Stage 3 investigations, including two *Artiodactyl* molar fragments (BaGm-11-260, -138), one *Rodentia* incisor fragment (possibly *Marmota monax*) (BaGm-11-229), one large mammalian bone fragment of indeterminate taxa (possibly *Bos taurus*) (BaGm-11-232), one small mammalian skull fragment of indeterminate taxa (BaGm-11-231), one mammalian rib fragment (possibly *Odocoileus virginianus*) (BaGm-11-243), one mammalian thoracic vertebrae fragment (BaGm-11-230), and one juvenile mammalian cervical vertebrae fragment (BaGm-11-189) (both possible *Odocoileus virginianus*).

METALS

Nails

A total of 23 iron nail and nail fragments was recovered from the site during Stage 3 excavations, including 20 hand wrought nails and three machine cut nails.

Miscellaneous

There were also four miscellaneous iron object recovered from the site including, a wrought iron flat headed hook (BaGm-11-188), a three holed hinge (BaGm-11-108), and two flat iron fragments (BaGm-11-111, -185).

BRICK

One fragment of red brick was recovered from the site during Stage 3 excavations (BaGm-11-205).



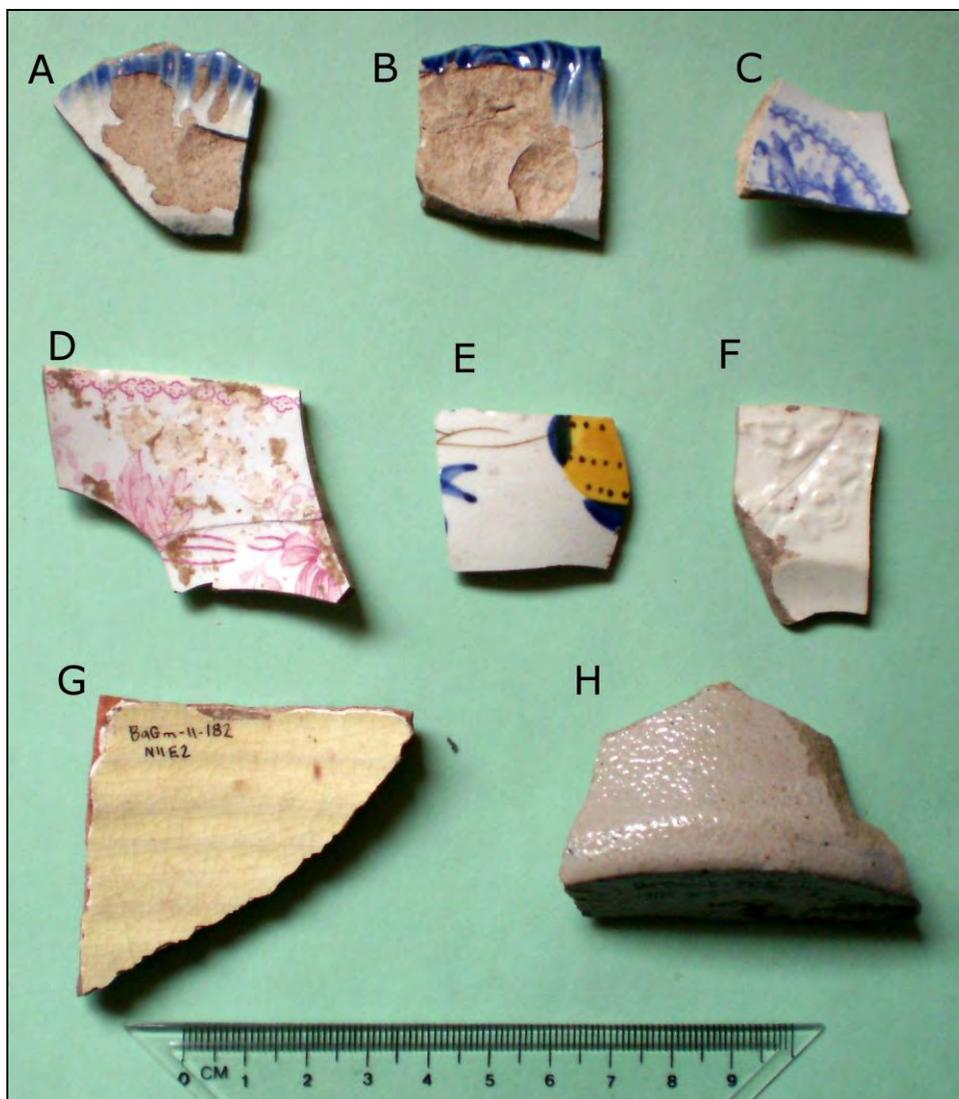


Plate 10: Representative Stage 3 Ceramic Artifacts from Site BaGm-11.

- A: Rococo-Inspired Blue Shell Edge Earthenware Rim Fragment, BaGm-11-122.
- B: Neo-Classical Blue Shell Edge Earthenware Rim Fragment, BaGm-11-156.
- C: Blue Transfer Decorated White Earthenware Rim Fragment, BaGm-11-161.
- D: Red Transfer Decorated White Earthenware Rim Fragment, BaGm-11-159.
- E: Hand-Painted White Earthenware Body Fragment, BaGm-11-173.
- F: Moulded White Earthenware Rim Fragment, BaGm-11-178.
- G: Yellow Glazed Red Stoneware Body Fragment, BaGm-11-182.
- H: Gray Glazed Stoneware Base Fragment, BaGm-11-263.





Plate 11: Representative Stage 3 Non-Ceramic Artifacts from Site BaGm-11.

- A: Olive Green Glass Bottle Body Fragment, BaGm-11-106.
- B: Colourless Glass Round Bottle Base Fragment, BaGm-11-255.
- C: Bone Button, BaGm-11-242.
- D: Historic White Clay Pipe Bowl Fragment with Decorative Moulding, BaGm-11-153.
- E: Historic White Clay Pipe Stem Fragment, BaGm-11-184.
- F: Mammalian Cervical Vertebrae Fragment, BaGm-11-189.
- G: Iron Hinge Fragment, BaGm-11-108.
- H: Hand Wrought Iron Square Nail, BaGm-11-154.



FEATURE 1 ARTIFACT DESCRIPTIONS

Feature 1 materials have been divided into quarters according to the one meter unit that they were recovered from, using northwest, northeast, southwest, and southeast designations. The entire feature was troweled out by hand using depth separations of ten centimetres. Large artifacts were recovered in the field, and the Feature soil was brought back to the labs at Northeastern Archaeological Associates Limited where additional flotation analysis was conducted. Specific coordinates were recorded for all large artifacts revealed through troweling. Materials recovered from Feature 1, excluding charcoal and plant remains, total 1,061 and included several coins, buttons, house wares, clay pipe fragments, and a musket ball, among other things. Below are descriptions for these artifacts according to the level in which they were found, followed by a discussion of the results of the floatation analysis.

Artifacts from the 0-10cm Level

The artifacts recovered through means of troweling the 0-10cm depth level of Feature 1 totalled 40 and included fragments of ceramic, clay pipe, a coin, animal bone, bone and metal buttons, unknown metal objects and metal utensils, a musket ball, brick, and charcoal.

The southwest quarter (N11E1) of the 0-10cm depth contained eight artifacts including an 1815 Half Penny Token displaying a bust of King George the third on one side and a “Success to Navigation & Trade” sailing ship on the other (BaGm-11-266, Plate 12). Other artifacts included a large brown and yellow glazed red stoneware vessel rim fragment (BaGm-11-269), a metal knife blade (BaGm-11-270), a mammalian rib fragment (BaGm-11-271), a fragment of brick (BaGm-11-267), and three fragments of charcoal (BaGm-11-268).

The southeast quarter (N11E2) of the 0-10cm depth contained 21 artifacts, including fragments of ceramic, calcined animal bone (BaGm-11-285) and a bone button (BaGm-11-294), clay pipe, metal utensils, brick, and charcoal. The ceramic fragments were comprised of six hand painted rim and body, one black transfer base, and one plain white base. The pipe fragments consisted of three stems and one bowl, all undecorated. The utensils had bone handles and consisted on two knives (BaGm-11-284, -288), one fork (BaGm-11-278), and one flat metal fragment.

The northwest quarter (N12E1) of the 0-10cm depth contained seven artifact fragments including ceramics, a clay pipe stem (BaGm-11-307), a rib, and a flat pointed metal fragment. The ceramics consisted of one hand painted rim and base bowl fragment (BaGm-11-308, Plate 14), one blue painted earthenware rim fragment, one slipware fragment, and one brown and yellow glazed red stoneware fragment (BaGm-11-309).

The northeast quarter (N12E2) of the 0-10cm depth contained four artifacts including one hand painted earthenware base fragment (BaGm-11-346), one clay pipe stem with part bowl and spur fragment (BaGm-11-344), one metal button engraved “SUPER FINE



ORANGE GILT” (BaGm-11-343) denoting the quality of the button’s gold gilding (Ridegeway 2011), and one musket ball (BaGm-11-345). See Plate 15.



Plate 12: Feature 1 Representative Artifacts from the 0-10 cm Depth of the Southwest Quarter (N11E1).



Plate 13: Feature 1 Representative Artifacts from the 0-10 cm Depth of the Southeast Quarter (N11E2).





Plate 14: Feature 1 Representative Artifacts from the 0-10 cm Depth of the Northwest Quarter (N12E1).



Plate 15: Feature 1 Representative Artifacts from the 0-10 cm Depth of the Northeast Quarter (N12E2).



Artifacts from the 11-20cm Level

The artifact fragments recovered by means of troweling the 11-20cm depth level of Feature 1 totalled 52 and included ceramics, clay pipe, animal bone, a brass escutcheon, a metal button, an iron hoe blade, nails, brick, and charcoal.

The southwest corner (N11E1) of the 11-20cm depth contained just one artifact: a large iron hoe blade (BaGm-11-272).

The southeast quarter (N11E2) of the 11-20cm depth contained nine artifacts including one green shell edge fragment (BaGm-11-297), one blue transfer corner fragment (BaGm-11-298), two hand painted rim fragments, four thin and flat iron fragments, and one fragment of brick.

The northwest quarter (N12E1) of the 11-20cm depth contained 16 artifact fragments including ceramic, a clay pipe stem (BaGm-11-320), a brass escutcheon (BaGm-11-327, Plate 17), one gun flint (BaGm-11-323), animal bone, and brick. The ceramics included three hand painted fragments, one green glazed rim fragment with cross-hatch moulding, one blue-brown-cream glazed red earthenware fragment, and one heat altered fragment. The animal bone consisted of one calcined mammalian longbone fragment, one mammalian phalange fragment, one mammalian carpel, one mammalian skull fragment, and one mammalian mandible fragment.

The northeast quarter (N12E2) of the 11-20cm depth contained 26 artifacts including ceramics, an undecorated clay pipe stem and bowl fragment (BaGm-11-360, Plate 18), a metal button similar to those found on military service buttons engraved “TREBLE ORANGE LONDON” (BaGm-11-361) indicating the quality of the gilding (Ridgeway 2011), three wrought iron nails, one flat iron fragment, animal bone, three fragments of brick and one fragment of charcoal. The ceramics included nine hand painted fragments, three plain white glazed base fragments, and one plain white glazed knob (BaGm-11-373). There were three bone fragments including two mammalian longbones and one avian longbone.



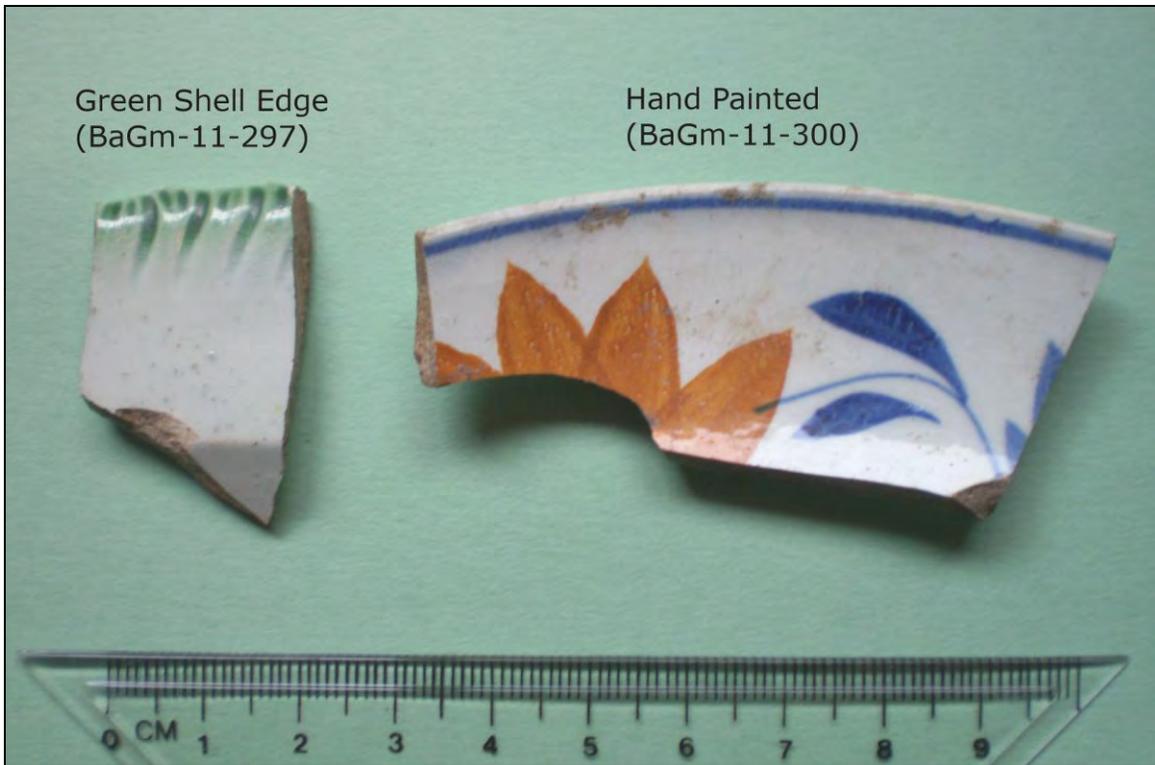


Plate 16: Feature 1 Representative Artifacts from the 11-20 cm Depth of the Southeast Quarter (N11E2).



Plate 17: Feature 1 Representative Artifacts from the 11-20 cm Depth of the Northwest Quarter (N12E1).





Plate 18: Feature 1 Representative Artifacts from the 11-20 cm Depth of the Northeast Quarter (N12E2).

Artifacts from the 20+ Level

The artifact fragments recovered by means of troweling the 21+ depth level of Feature 1 total 36, and include ceramics, metals including wrought iron nails, utensils, a copper token and a button, as well as animal bone, brick, and charcoal.

The southwest quarter (N11E1) of the 20+ cm depth contained one weathered copper token (BaGm-11-273).

The southeast corner (N11E2) of the 20+ cm depth contained five artifacts including one hand painted earthenware fragment, one plain white with moulded leaves rim fragment (BaGm-11-303), one black glazed red earthenware fragment (BaGm-11-305), one mammalian animal carpal bone, and one brick fragment.

The northwest quarter (N12E1) of the 20+ cm depth contained 14 artifacts including ceramics, animal bone, a metal button (BaGm-11-333), an iron square nail and a flat iron object, two brick fragments, and one charcoal fragment. The ceramic fragments included a blue shell edge rim fragment (BaGm-11-340), a blue transfer corner fragment, a hand painted corner fragment, a brown stoneware body fragment, and a plain white body fragment. The bone included a mammalian calcaneus fragment, a mammalian rib fragment, and a mammalian tooth fragment.

The northeast quarter (N12E2) of the 20+ cm depth contained 16 artifacts including ceramics, animal bone, two iron square nails, a metal knife fragment with bone handle, a bone handle fragment, five brick fragments, and one charcoal fragment. The ceramics include one blue transfer fragment, one plain white base fragment, and one hand painted



fragment (BaGm-11-386, Plate 21) with an impressed makers mark displaying an anchor and written “Davenport” that dates to between 1815-1860 (Cushion 1959). The bone fragments include one calcined mammalian longbone (BaGm-11-370), one mammalian incisor, and one fish cranial bone.



Plate 19: Feature 1 Artifact Recovered from the 21+ cm Depth of the Southwest Quarter (N11E1).



Plate 20: Feature 1 Representative Artifacts from the 21+ cm Depth of the Southeast Quarter (N11E2).





Plate 21: Feature 1 Representative Artifacts from the 21+ cm Depth of the Northwest Quarter (N12E1).



Plate 22: Feature 1 Representative Artifacts from the 21+ cm Depth of the Northeast Quarter (N12E2).



FEATURE 1 FLOATATION RESULTS

Feature 1 reached a depth of 20 cm on its south side, and 30 cm on its north side. Flotation analysis of this feature (site BaGm-11) resulted in the recovery of some 976+ heavy fraction artifacts that consisted of hand painted, slip, transfer, and plain white glazed ceramic, mammalian, avian and fish bone, metals including buttons, shot, nails, and indeterminate fragments, coins, bottle and window glass, glass beads, clay pipe fragments, mortar, and two colours of brick. Also recovered were some 2,250+ heavy and light fraction charcoal and plant remains. Soil samples were retained from several locations within this feature as well. Below are descriptions of the flotation results separated by level and unit. See Appendix B for full artifact descriptions and catalogue numbers.

0-10 cm Depth

Southwest Quarter (N11E1) – 0-10cm Heavy Fraction Material: three plain white earthenware fragments, three fragments of colourless window glass and one fragment of green bottle glass, one four holed iron button and one bone button fragment, one brass military style button engraved “TREBLE ORANGE” which dates to between 1785 and 1800 and one spun back white metal button which dates to between 1760 and 1785 (Olsen 1963), two connected iron chain links, one iron strap fragment and one indeterminate iron fragment, one fish scale and one fish bone fragment, one mammalian animal molar fragment, 22 other mammalian animal bones and bone fragments, 29 calcined mammalian animal bone fragments, four red brick fragments, and 100+ fragments of charcoal.

Southwest Quarter (N11E1) – 0-10cm Light Fraction Materials: 100+ fragments of coarse screened (3.55mm) charcoal/plant remains, and 100+ fragments of fine screened (1.35) charcoal/plant remains.

Southeast Quarter (N11E2) – 0-10cm Heavy Fraction Materials: nine fragments of plain white earthenware, two hand painted earthenware fragments, two brown glazed stoneware fragments, three fragments of colourless glass including one plate rim fragment, one window fragment, and one bottle glass fragment, three undecorated clay pipe bowl fragments, two purple-brown glass beads (see Plate 23), 17 fish scales and one dorsal fin spine, four mammalian animal teeth fragments, four avian bone fragments, 47 mammalian animal bones and bone fragments, 21 calcined mammalian animal bone fragments, one steel button with brass finish, one rolled lead fragment, one iron chain link, three wrought iron nails, two machine cut iron nails, one wire roofing nail, and 30+ indeterminate iron fragments, four compacted ash clumps, three red brick fragments, two buff brick fragments, and 50+ fragments of charcoal.

Southeast Quarter (N11E2) – 0-10cm Light Fraction Materials: 100+ fine screened charcoal/plant remains weighing 2.54 grams, and 50+ coarse screened charcoal/plant remains weighing 12.47 grams.



Northwest Quarter (N12E1) – 0-10cm Heavy Fraction Materials: two fragments of hand painted earthenware, one fragment of back transfer earthenware and four plain white earthenware fragments, two green bottle glass fragments, two colourless bottle glass fragments, and three colourless window glass fragments, one clay pipe stem with moulded ribs fragment, three metal sheet fragments and one iron tack, 32 mammalian animal bone fragments, two mammalian animal tooth fragments, 25 calcined mammalian animal bone fragments, six avian bone fragments, one amphibian bone fragment, and four fish scales, 23 buff coloured brick fragments, and 100+ charcoal fragments.

Northwest Quarter (N12E1) – 0-10cm Light Fraction Materials: 100+ fine screened charcoal/plant remains weighing 2.50 grams, and 100+ coarse screened charcoal/plant remains weighing 10.90 grams.

Northeast Quarter (N12E2) – 0-10cm Heavy Fraction Materials: one hand painted earthenware fragment with a drilled hole in it, one white glazed vitrified earthenware fragment and four plain white earthenware fragments, one green glass fragment and two green glass flakes, one heat altered glass fragment, two colourless window glass fragments, one four holed iron button, one iron wire fragment 50+ indeterminate iron fragments, one copper plate and two copper pins, two lead shot, 14 mammalian animal bone fragments and 10 mammalian calcined animal bone fragments, two fish vertebrae and 1 fish scale, one turtle bone fragment, one avian bone fragment, 17 red brick fragments, and 50+ charcoal fragments.

Northeast Quarter (N12E2) – 0-10cm Light Fraction Materials: 100+ coarse screened charcoal and plant remains weighing 5.78 grams, and 100+ fine screened charcoal and plant remains weighing 7.60 grams.

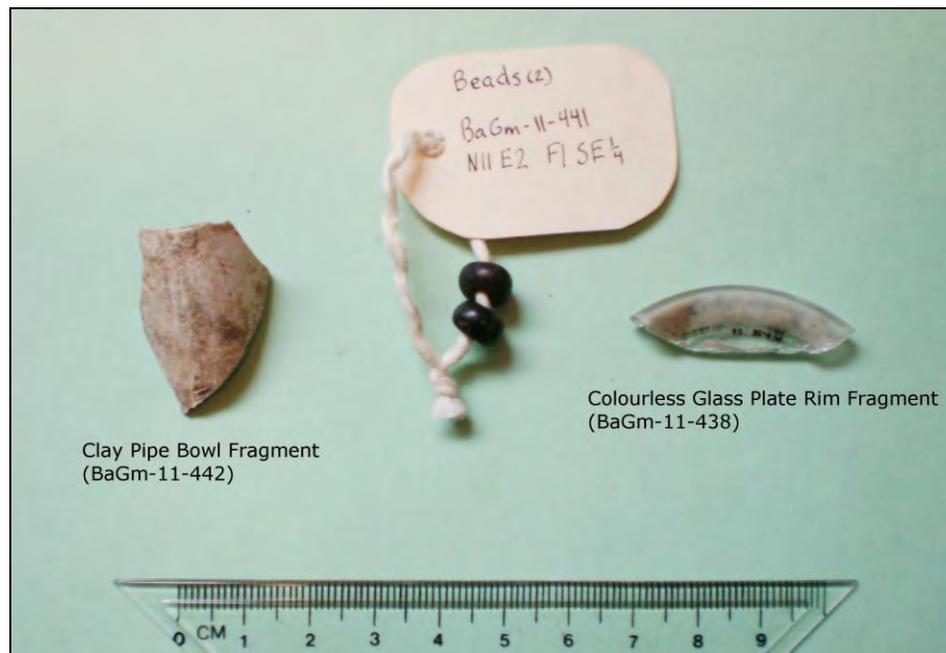


Plate 23: Feature 1 Representative Floatation Artifacts from the 0-10 cm Depth of the Southeast Quarter (N11 E2).

10-20 cm Depth

Southwest Quarter (N11E1) – 10-20cm Heavy Fraction Materials: two fragments of blue transfer earthenware, one fragment of hand painted earthenware, two fragments of plain white earthenware, one colourless bottle glass fragment, two iron machine cut nails and five iron wire fragments, one fish vertebra and two fish scales, 13 mammalian animal bone fragments, 12 calcined mammalian animal bone fragments, and 100+ charcoal fragments. There was no light fraction material recovered from the southwest quarter due to equipment failure.

Southeast Quarter (N11E2) – 10-20cm Heavy Fraction Materials: 20 earthenware fragments including one moulded hand painted rim (see Plate 24), one blue transfer body, seven hand painted fragments, one blue glazed with cross hatch moulding rim, eight plain white earthenware fragments, one yellow glazed red stoneware fragment, and one brown glazed grey stoneware fragment. Also recovered were one melted glass fragment and one olive green bottle glass fragment, one brownish purple glass bead, two clay pipe stem fragments and one bowl fragment, three machine cut iron nails, 12 thin iron sheet fragments and 19 indeterminate iron fragments, one five holed bone button and one copper alloy button with anchor design on front (see Plate 24), 43 mammalian animal bone fragments and 24 calcined mammalian animal bone fragments, 13 avian bone fragments, 23 fish bones and scales, one chert fragment likely from a gun flint, six fragments of buff coloured brick and 14 fragments of red brick, and 100+ charcoal fragments.

Southeast Quarter (N11E2) – 10-20cm Light Fraction Material: 50+ fragments of coarse screened (3.55mm) charcoal and plant remains weighing 6.55 grams, and 100+ fragments of fine screened (1.35mm) charcoal and plant remains weighing 3.88 grams.

Northwest Quarter (N12E1) – 10-20cm Heavy Fraction Materials: 15 earthenware fragments consisting of six hand painted fragments, one slipware fragment, five plain white glazed fragments, and three yellow glazed stoneware fragments. Also recovered was one fragment of pre-contact clay pottery, one colourless window glass fragment, one historic clay pipe stem fragment and four pipe bowl fragments (one with decorative moulding), one brownish purple glass bead, one copper alloy button three fragments of metal, 16 mammalian animal bone fragments and 55 calcined mammalian animal bone fragments, six avian bone fragments, 4 fish scales, five buff coloured brick fragments and 12 red brick fragments, and 100+ charcoal fragments.

Northwest Quarter (N12E1) – 10-20cm Light Fraction Materials: 100+ fragments of coarse screened (3.55mm) charcoal and plant remains weighing 12.39 grams, and 100+ fragments of fine screened (1.35mm) charcoal and plant remains weighing 6.91 grams.

Northeast Quarter (N12E2) – 10-20cm Heavy Fraction Materials: four fragments of hand painted earthenware and four plain white glazed earthenware, two brown glazed stoneware fragments, one colourless glass fragment and one green glass fragment, one colourless window glass fragment, three small clay pipe fragments, 14 mammalian bone



animal fragments and 24 calcined mammalian animal bone fragments, one mammalian animal tooth fragment, six avian bone fragments, one copper alloy button engraved “LONDON TREBLE PLATED 50” which dates to between 1785 and 1800 and one steel button with conical top which dates to between 1760 and 1785 (Olsen 1963), 50+ iron fragments, one lead shot, 19 red brick fragments, two carbonized seed fragments, and 50+ charcoal fragments. See Plate 25 below.

Northeast Quarter (N12E2) – 10-20cm Light Fraction Materials: 50+ fragments of coarse screened (3.55mm) charcoal and plant remains weighing 5.60 grams, and 100+ fragments of fine screened (1.35mm) charcoal and plant remains weighing 3.70 grams.

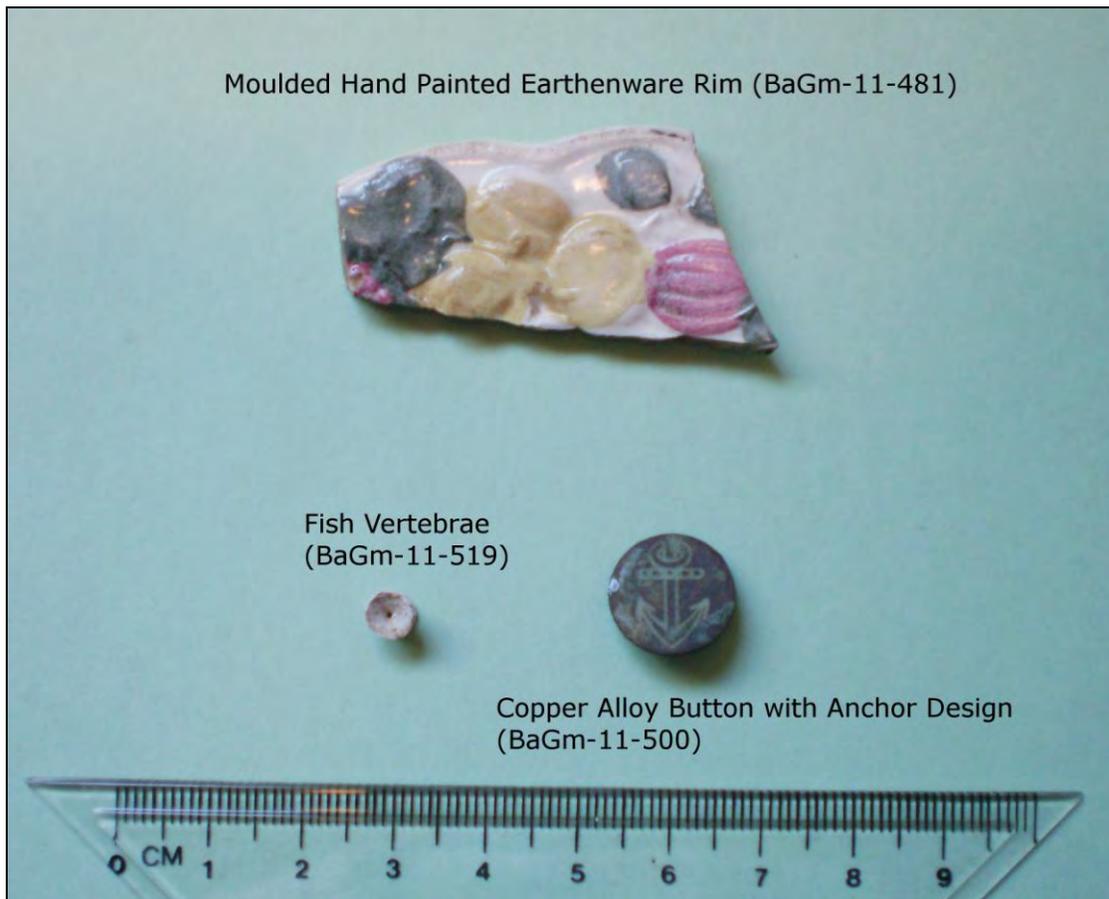


Plate 24: Feature 1 Representative Floatation Artifacts from the 10-20 cm Level of the Southeast Quarter (N11 E2).





Plate 25: Feature 1 Representative Floatation Artifacts from the 10-20 cm Level of the Northeast Quarter (N12 E2).

20-30 cm Depth

Northwest Quarter (N12E1) – 20-30cm Heavy Fraction Material: two hand painted earthenware fragments, one slipware fragment, one blue transfer earthenware fragment, six plain white earthenware fragments, two colourless glass fragments, one historic clay pipe fragment, one mammalian animal bone fragment and 11 calcined mammalian animal bone fragments, two avian bone fragments, two fish scales, 20 red brick fragments, two gun flint fragments, and 50+ charcoal fragments.

Northwest Quarter (N12E1) – 20-30cm Light Fraction Materials: 50+ fragments of coarse screened (3.55mm) charcoal and plant remains weighing 13.68 grams, and 100+ fragments of fine screened (1.35mm) charcoal and plant remains weighing 2.45 grams.

Northeast Quarter (N12E2) – 20-30cm Heavy Fraction Material: four fragments of hand painted earthenware, one slipware fragment, one pink transfer fragment, four plain white earthenware fragments, one partially melted green glass fragment, one historic pipe stem fragment, one iron machine cut nail and six indeterminate iron fragments, three lead sheet fragments, two lead shot, nine mammalian animal bone fragments and seven calcined mammalian animal bone fragments, three fragments of red brick, four fragments of mortar, and 50+ fragments of charcoal. There was no light fraction material recovered from the northeast quarter of this level of the feature due to equipment failure.

STAGE 3 ARTIFACTS AND FEATURE 1 AGE SUMMARY AND RECOMMENDATIONS

Artifacts recovered from the 18 Stage 3 test units, and from Feature 1, provide a number of very specific age ranges for the site. The presence of a half-penny coin dated 1815 is self-explanatory. The occurrence of flow blue ceramic indicates an age after the 1820s. Hand-painted wares from the site and Feature 1, based on the style, quality and black lines, are typical of the 1830s but persist to the 1840s according to historic archaeologist Nick Gromoff who examined photographs of the artifacts. The grey background is particularly popular around 1840 in Ontario (Nick Gromoff: personal communication 2011). Metal buttons from Feature 1 are quite early, with spun-back brass buttons dating circa 1760-1785 and plain brass buttons circa 1785-1800 (Olsen 1963). Our preliminary interpretation of the site is that it is a possible early to mid-19th century log cabin site with Feature 1 being a central hearth for the cabin. Interestingly, Feature 1 includes a wide variety of domestic debris such as faunal remains, clothing adornments, eating utensils, tableware and jewellery. There is also yellow-grey brick in small quantities suggesting use in association with the hearth.

SUMMARY AND RECOMMENDATIONS

A total of about 950 shovel tests were excavated on the property, as well as surface survey of eight ploughed fields, all at a high potential 5 meter interval. This Stage 2 testing resulted in the discovery of one Euro-Canadian homestead site (BaGm-11), as well as the discovery of three pre-contact ceramic fragments and two lithic fragments (BaGm-12). No further testing was conducted at Site BaGm-12, while 18 Stage 3 test units were excavated at Site BaGm-11. Artifacts recovered from BaGm-11 have been found to range in age from the late 18th century to the late 19th century. There were no other archaeological materials recovered on the property, either historic or prehistoric.

Site BaGm-11 Recommendations

Stage 3 excavation at site BaGm-11 revealed a significantly early Euro-Canadian residence site, possibly a log cabin, with highly diagnostic artifacts. Feature 1 at this site may be a cabin hearth and included a wide variety of period diagnostic materials. The Stage 3 excavation plan of 18 square meters identified the high density area of the site surrounding Feature 1 and a possible small midden area in the southwest. **Our recommendation is that this site be excluded from the project area with a 20 meter buffer zone. If it is not possible to exclude this site from the project area, a full Stage 4 excavation should be performed.**

Site BaGm-12 Recommendations

Since the solar array was shifted away from this field during the course of our field investigations, **no further work is recommended for site BaGm-12.**



Development Caution

If deeply buried archaeological remains are encountered during construction, the proponent must stop work immediately and contact Norbert Stanchley of the Archaeology Unit of the Ministry of Culture at 416-314-7146. If human remains are encountered, the proponent must stop work immediately and contact the Registrar of the Cemeteries Regulations Section of the Ministry of Consumer and Business Services at 416-326-8404, as well as the Archaeology Unit of the Ministry of Culture.

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APPENDIX A: Stage 2 Artifact Catalogue for Site BaGm-12.

#	Description	Location	Wt.(g)
1	1 undecorated pottery fragment (surface find)	N1E1	3.55
2	4 undecorated pottery fragment	N1E1	2.56
3	1 black chert and limestone flake fragment	N1E1	2.04
4	1 light grey chert and limestone fragment	N1E1	1.10



APPENDIX B: Stage 2 and 3 Artifact Catalogue for Site BaGm-11.

#	Qty.	Description	Unit	Wt.(g)
Stage 2 Surface Collection				
1	1	Industrial slipware (blue, brown, black) RWE rim frag.	N1.25E2.5	1.81
2	1	Blue transfer (floral int./scenic ext.) RWE vessel body frag.	N1.5W4.5	1.35
3	1	Blue transfer (ind.) RWE vessel body frag.	N1.5W4.5	0.32
4	1	Hand-painted (blue floral) RWE vessel body frag.	N5W4	2.15
5	1	RWE vessel body frag.	N5W4	0.63
6	1	Red Brick frag.	N5W4	8.60
7	1	RWE vessel rim frag.	N6.25W0.5	0.67
8	1	Blue transfer (floral) RWE vessel body frag.	N7.5W2	1.46
9	1	Hand-painted (blue) RWE vessel body frag.	N7.5W2	0.56
10	1	Olive-green glass cylindrical bottle body frag.	N7.5W2	3.11
11	1	Hand-painted (blue floral) RWE vessel base frag.	N9E5.25	2.89
12	1	Blue transfer (floral/scrollwork) RWE base frag.	N10.75E8.5	3.38
13	1	Red stoneware vessel frag (olive-yellow glaze int.)	N10.75E8.5	6.14
14	1	Pale blue window glass frag.	N10.75E8.5	0.40
15	1	Green shell edge RWE plate rim frag.	N11.5W2.5	3.61
16	2	Hand-painted (blue floral) RWE vessel body frag.	N11.5W2.5	1.90
17	1	Pale blue (pearlware) RWE vessel body frag.	N11.5W2.5	2.73
18	1	Green shell edge RWE plate rim frag.	N11.75E6.5	13.88
19	1	White clay historic pipe stem frag.	N11.75E6.5	1.19
20	1	Hand-painted (green/orange floral, blue rim) RWE vessel rim frag.	N12.5E2.25	1.67
21	1	Hand-painted (blue/orange ind.) RWE vessel body frag.	N12.5E2.25	0.82
22	1	Red stoneware vessel body frag (brown-glaze ext./yellow glaze int.)	S1W4.5	44.07
23	1	Blue-banded (int.) RWE vessel rim frag.	S5.5W2.5	0.50
24	1	RWE vessel rim frag.	S5.5W2.5	0.67

-End of Stage 2 Catalogue-

Stage 3 Units				
26	1	Hand-painted (blue) RWE vessel rim frag.	S5E1	0.60
27	2	Blue transfer (ind.) RWE vessel body frag.	S5E1	1.35
28	1	Hand-painted (blue floral) RWE vessel body frag.	S5E1	1.18
29	1	RWE vessel rim frag.	S5E1	0.77
30	2	RWE vessel base frag.	S5E1	2.12
31	1	Red stoneware vessel body frag. (dark brown-glazed)	S5E1	1.63
32	1	Red stoneware vessel body frag. (brown-glaze ext./white-glaze int.)	S5E1	5.21
33	1	Olive green-glazed stoneware vessel body frag.	S5E1	1.69
34	1	Dark green bottle body glass frag. (heat altered)	S5E1	3.93
35	1	Blue shell edge RWE vessel rim frag.	N1E1	0.46
36	1	Blue shell edge RWE vessel rim frag.	N1E1	0.34
37	1	Green shell edge RWE vessel rim frag.	N1E1	1.16
38	1	Green shell edge RWE vessel rim frag.	N1E1	0.45
39	2	Blue-banded RWE vessel rim frag.	N1E1	0.66
40	1	Blue-rimmed RWE vessel rim frag.	N1E1	1.12
41	1	Hand-painted (blue) RWE vessel rim frag.	N1E1	1.09
42	1	Blue-transfer (floral) RWE vessel body frag.	N1E1	2.11
43	2	Blue-transfer (ind) RWE vessel body frag.	N1E1	0.95



44	5	Hand-painted (blue floral) RWE vessel body frag.	N1E1	2.09
45	1	Hand-painted (yellow) RWE body frag.	N1E1	0.50
46	1	Hand-painted (green/black) RWE body frag.	N1E1	0.18
47	1	RWE vessel rim frag.	N1E1	0.46
48	1	RWE vessel rim frag. (burnt)	N1E1	0.68
49	5	RWE vessel base frag.	N1E1	5.59
50	1	RWE vessel body frag. (ribbed)	N1E1	0.54
51	9	RWE vessel body frag.	N1E1	5.96
52	3	RWE vessel body frag. (burnt)	N1E1	2.45
53	2	Red stoneware vessel body frag. (non-glazed)	N1E1	4.61
54	1	Red stoneware vessel body frag (olive green-glazed)	N1E1	1.68
55	1	Red stoneware vessel body frag. (dark brown-glazed)	N1E1	0.75
56	1	Pale blue window glass frag.	N1E1	0.37
57	2	Wrought iron square nail	N1E1	6.85
58	1	Wrought iron square nail (missing head)	N1E1	1.63
59	1	Blue-transfer (curvilinear) RWE vessel rim frag.	N1E6	1.07
60	1	Blue-transfer (pattern) RWE vessel rim frag.	N1E6	1.29
61	1	Blue-transfer (solid) RWE vessel rim frag.	N1E6	0.64
62	1	Blue-banded (int.) RWE vessel rim frag.	N1E6	0.34
63	1	Industrial slip (brown, black) RWE body frag.	N1E6	0.38
64	1	RWE vessel rim frag.	N1E6	0.71
65	1	RWE vessel base frag.	N1E6	1.72
66	2	RWE vessel body frag.	N1E6	1.07
67	1	Red stoneware vessel rim frag. (dark brown-glazed, notched rim)	N1E6	0.74
68	1	White clay historic pipe stem frag.	N1E6	0.94
69	1	Wrought iron square nail (missing head)	N1E6	5.28
70	1	Blue shell edge RWE vessel rim frag.	N1W5	1.37
71	1	Blue shell edge RWE vessel rim frag.	N1W5	0.71
72	1	Green shell edge RWE vessel rim frag.	N1W5	1.02
73	1	Blue transfer (floral) RWE vessel body frag.	N1W5	0.45
74	1	Blue transfer (ind.) RWE vessel body frag.	N1W5	0.29
75	2	Industrial slip (blue, brown) RWE body frag.	N1W5	1.14
76	1	Industrial slip (brown, white) RWE body frag.	N1W5	1.78
77	6	Hand-painted (blue floral) RWE body frag.	N1W5	2.54
78	1	Hand-painted (blue, yellow floral) RWE body frag.	N1W5	1.13
79	1	Hand-painted (green, black) RWE body frag.	N1W5	1.61
80	5	RWE vessel body frag.	N1W5	3.02
81	1	RWE vessel body frag. (burnt)	N1W5	1.08
82	2	Olive green glass cylindrical bottle body frag.	N1W5	3.42
83	1	Wrought iron horseshoe tack	N1W5	3.44
84	1	Blue shell edge RWE vessel rim frag.	N6E1	0.53
85	1	Blue shell edge RWE vessel rim frag.	N6E1	0.35
86	1	Blue shell edge RWE vessel rim frag.	N6E1	3.95
87	1	Green shell edge RWE vessel rim frag.	N6E1	0.49
88	1	Red transfer (floral) RWE vessel rim frag.	N6E1	3.00
89	2	Blue-transfer (pattern) RWE vessel rim frag.	N6E1	1.16
90	1	Hand-painted (blue floral) RWE vessel rim frag.	N6E1	0.67
91	1	Hand-painted (green) RWE vessel rim frag.	N6E1	0.35
92	1	Hand-painted (blue, orange floral) RWE vessel base frag.	N6E1	5.38
93	1	Hand-painted (blue, yellow floral) RWE body frag.	N6E1	0.68
94	1	Hand-painted (blue, orange) RWE vessel body frag.	N6E1	0.19



95	6	Hand-painted (blue floral) RWE vessel body frag.	N6E1	3.84
96	5	Hand-painted (green) RWE vessel body frag.	N6E1	2.40
97	1	Industrial slip (blue, red) RWE vessel body frag.	N6E1	1.07
98	3	RWE vessel base frag.	N6E1	3.89
99	8	RWE vessel body frag.	N6E1	7.47
100	1	Stoneware vessel rim frag. (tan-glaze)	N6E1	4.46
101	1	Stoneware vessel body frag. (brown-glaze ext.)	N6E1	10.82
102	1	Red stoneware vessel body frag. (olive-glaze)	N6E1	4.44
103	1	Red stoneware vessel body frag. (red glaze ex./white glaze int.)	N6E1	7.17
104	2	Red stoneware vessel body frag. (unglazed)	N6E1	5.26
105	1	Colourless glass curved bottle body frag.	N6E1	0.78
106	2	Dark olive green glass cylindrical bottle body frag.	N6E1	6.99
107	1	Dark olive green glass cylindrical bottle body frag. (heat altered)	N6E1	5.88
108	1	Iron 3-hole hinge frag.	N6E1	10.61
109	2	Wrought iron square nail	N6E1	4.82
110	1	Wrought iron square nail (missing head)	N6E1	2.95
111	1	Iron curved metal plate frag.	N6E1	123.73
112	1	Hand-painted (blue floral) RWE body frag. (burnt)	N6E6	2.93
113	1	RWE vessel body frag. (burnt)	N6E6	0.53
114	3	RWE vessel body frag.	N6E6	4.22
115	1	Machine-cut square-headed iron nail	N6E6	4.51
116	1	Blue shell edge RWE vessel rim frag.	N6E11	0.47
117	1	Hand-painted (green) RWE vessel body frag.	N6E11	0.41
118	1	RWE vessel base frag.	N6E11	0.88
119	3	RWE vessel body frag.	N6E11	2.43
120	1	Red stoneware (unglazed) vessel body frag.	N6E11	0.97
121	1	White clay historic pipe bowl frag.	N6E11	1.47
122	1	Blue shell edge RWE plate rim frag.	N6W5	6.32
123	1	Blue transfer (pattern/floral) RWE vessel body frag.	N6W5	0.09
124	1	Blue rimmed RWE vessel rim frag. (burnt)	N6W5	0.58
125	2	Hand-painted (blue, yellow) RWE vessel body frag.	N6W5	0.86
126	4	Hand-painted (blue floral) RWE vessel body frag.	N6W5	1.66
127	1	Hand-painted (green) RWE vessel body frag.	N6W5	0.20
128	1	Hand-painted (brown) RWE vessel body frag.	N6W5	0.34
129	1	Pale blue (pearlware) RWE vessel body frag.(burnt)	N6W5	0.92
130	1	RWE vessel rim frag.	N6W5	0.44
131	2	RWE vessel base frag.	N6W5	2.17
132	7	RWE vessel body frag.	N6W5	5.66
133	1	Stoneware handle frag. (brown-glaze)	N6W5	7.88
134	1	Stoneware vessel body frag. (brown-glaze)	N6W5	1.99
135	1	Red stoneware vessel body frag. (olive-glaze)	N6W5	6.75
136	1	Dark olive green glass curved bottle body frag.	N6W5	1.28
137	1	White clay historic pipe bowl frag.	N6W5	0.34
138	1	Large mammalian molar frag. (<i>Bos taurus</i>)	N6W5	3.21
139	1	Blue shell edge PWE vessel rim frag.	N11E1	1.80
140	1	Blue transfer (curvilinear/floral) PWE vessel rim frag.	N11E1	1.03
141	1	Hand-painted (blue) PWE vessel rim frag.	N11E1	0.43
142	1	Hand-painted (olive-green) PWE vessel base frag.	N11E1	4.16
143	1	Hand-painted (green, black) RWE vessel base frag.	N11E1	11.35
144	1	Hand-painted (green, blue, black) RWE vessel body frag.	N11E1	0.98
145	4	Hand-painted (blue floral) RWE vessel body frag.	N11E1	4.35



146	1	Industrial slip (blue, black) RWE vessel body frag.	N11E1	1.09
147	1	RWE vessel rim frag.	N11E1	1.17
148	4	RWE vessel base frag.	N11E1	10.09
149	1	RWE vessel body frag. (ribbed)	N11E1	1.64
150	5	RWE vessel body frag.	N11E1	6.5
151	1	Vitrified white earthenware vessel body frag.	N11E1	0.98
152	2	Red stoneware vessel body frag. (red glaze ex./white glaze int.)	N11E1	17.41
153	1	White clay historic pipe bowl frag. with moulded vine pattern	N11E1	1.32
154	1	Wrought iron square nail	N11E1	5.62
155	1	Machine cut iron nail	N11E1	11.25
156	1	Blue shell edge RWE plate rim frag.	N11E2	8.45
157	1	Blue shell edge RWE plate rim frag.	N11E2	1.77
158	1	Green shell edge RWE vessel rim frag.	N11E2	0.44
159	1	Red transfer (floral) RWE vessel rim frag.	N11E2	11.45
160	1	Blue transfer (knotwork/floral) RWE vessel rim frag.	N11E2	0.35
161	1	Blue transfer (curvilinear/floral) PWE vessel base frag.	N11E2	4.00
162	1	Indeterminate colour transfer RWE vessel base frag. (burnt)	N11E2	2.52
163	1	Light blue transfer (floral) PWE vessel body frag.	N11E2	0.87
164	2	Blue transfer (floral) RWE vessel body frag.	N11E2	0.80
165	2	Black transfer (scenic) RWE vessel body frag.	N11E2	3.73
166	1	Hand-painted (green, red strawberry) RWE vessel rim frag. (burnt)	N11E2	3.36
167	3	Hand-painted (blue band, floral) RWE vessel rim frag.	N11E2	4.36
168	1	Hand-painted (blue band, green/black floral) RWE vessel rim frag. Hand-painted (blue band, blue/green floral, black band int.) RWE	N11E2	3.11
169	1	vessel rim frag.	N11E2	2.66
170	1	Hand-painted (black band, green leaf) RWE vessel rim frag.	N11E2	0.71
171	1	Hand-painted (blue) decorative applique RWE frag.	N11E2	3.72
172	1	Hand-painted (olive-green) PWE vessel base frag.	N11E2	13.60
173	1	Hand-painted (blue, yellow, black) PWE vessel body frag.	N11E2	5.35
174	1	Hand-painted (olive-green) PWE vessel body frag.	N11E2	0.57
175	3	Hand-painted (blue, black, green floral) PWE vessel body frag.	N11E2	3.93
176	1	Hand-painted (green, black floral) PWE vessel body frag.	N11E2	0.97
177	3	Hand-painted (blue floral) RWE vessel body frag.	N11E2	3.96
178	1	Decorative floral moulding RWE plate frag.	N11E2	4.26
179	1	RWE vessel base frag.	N11E2	1.02
180	6	RWE vessel body frag.	N11E2	7.45
181	1	RWE vessel body frag. (burnt)	N11E2	0.44
182	1	Red stoneware vessel body frag. (red glaze ex./white glaze int.)	N11E2	21.70
183	1	Pale blue window glass frag.	N11E2	0.66
184	1	White clay historic pipe stem frag.	N11E2	1.78
185	1	Iron plate frag.	N11E2	16.34
186	2	Wrought iron square nail (missing head)	N11E2	10.02
187	1	Wrought iron square nail	N11E2	4.01
188	1	Iron pin/hook frag. with flat head	N11E2	14.69
189	1	Juvenile mammalian cervical vertebrae frag.	N11E2	3.57
190	1	Blue-rimmed RWE plate rim frag. (burnt)	N11E6	2.28
191	1	Blue-rimmed RWE vessel rim frag.	N11E6	0.35
192	1	Hand-painted (red) RWE vessel base frag.	N11E6	3.51
193	1	Hand-painted (red, green, black) RWE vessel base frag.	N11E6	3.45
194	1	Hand-painted (blue) RWE vessel body frag.	N11E6	0.57
195	1	Hand-painted (brown band) RWE vessel body frag.	N11E6	0.26



196	3	RWE vessel rim frag.	N11E6	2.49
197	1	RWE vessel base frag.	N11E6	2.23
198	4	RWE vessel body frag.	N11E6	5.17
199	1	Red earthenware vessel body frag. (unglazed)	N11E6	1.63
200	2	Pale blue window glass frag.	N11E6	1.76
201	1	Dark olive green cylindrical glass bottle body frag.	N11E6	2.30
202	1	White clay historic pipe stem frag.	N11E6	0.71
203	1	White clay histoic pipe bowl frag. with decorative moulding	N11E6	1.39
204	1	Machine-cut square-headed iron nail	N11E6	2.51
205	1	Red brick frag.	N11E6	2.82
206	1	Flow-blue RWE vessel body frag.	N11E11	0.38
207	2	Industrial slip (blue, brown, black) RWE vessel body frag.	N11E11	1.00
208	5	RWE vessel body frag.	N11E11	3.62
209	1	Blue-transfer RWE vessel body frag.	N11W5	0.41
210	1	Hand-painted (black band, red) RWE vessel rim frag.	N11W5	0.47
211	4	Hand-painted (blue) RWE vessel body frag.	N11W5	2.63
212	2	Hand-painted (green) RWE vessel body frag.	N11W5	0.55
213	1	RWE vessel rim frag. (burnt)	N11W5	3.93
214	1	RWE vessel body frag. (ribbed)	N11W5	1.42
215	11	RWE vessel body frag.	N11W5	6.81
216	1	Red stoneware vessel body frag. (olive-glaze)	N11W5	2.68
217	1	Dark olive green curved bottle glass frag.	N11W5	0.76
218	1	Pale blue window glass frag.	N11W5	0.72
219	1	White clay historic pipe stem frag.	N11W5	2.06
220	1	Wrought iron square nail	N11W5	4.23
221	1	Wrought iron square nail (missing head)	N11W5	2.67
222	1	Blue shell edge RWE vessel body frag. (burnt)	N12E1	8.52
223	1	Blue transfer RWE vessel body frag. (burnt)	N12E1	1.32
224	1	Hand-painted (blue floral) RWE body sherd	N12E1	1.83
225	2	RWE vessel body frag.	N12E1	1.57
226	1	RWE vessel body frag. (burnt)	N12E1	0.67
227	1	White clay histoic pipe bowl frag. with decorative moulding	N12E1	0.85
228	2	Wrought iron square nail	N12E1	8.19
229	1	Mammalian incisor frag.	N12E1	1.42
230	1	Mammalian thoracic vertebrae frag.	N12E1	3.31
231	1	Mammalain skull frag.	N12E1	1.07
232	1	Mammalain bone frag.	N12E1	10.77
233	1	Black-banded RWE vessel rim frag.	N12E2	0.39
234	1	Hand-painted (olive green) RWE vessel base frag.	N12E2	0.61
235	1	Hand-painted (blue floral) RWE vessel body frag.	N12E2	0.56
236	1	Hand-painted (red floral) RWE vessel body frag.	N12E2	1.51
237	1	Hand-painted (blue) RWE vessel body frag.	N12E2	0.13
238	1	RWE vessel base frag.	N12E2	1.59
239	3	RWE vessel body frag.	N12E2	1.28
240	1	RWE vessel body frag. (burnt)	N12E2	1.45
241	1	Red stoneware vessel body frag. (red glaze ex./white glaze int.)	N12E2	4.38
242	1	Bone button (4 hole)	N12E2	0.99
243	1	Mammalian rib frag	N12E2	4.57
244	1	Blue shell edge RWE vessel rim frag.	N16E1	2.16
245	1	Blue transfer (pattern) RWE vessel body frag.	N16E1	0.29
246	1	Hand-painted (blue) RWE vessel body frag.	N16E1	1.10



247	1	RWE vessel base frag.	N16E1	1.97
248	2	RWE vessel body frag.	N16E1	1.22
249	1	Blue shell edge RWE vessel rim frag.	N16E6	1.17
250	1	Blue-transfer RWE vessel rim frag.	N16E6	1.87
251	2	Hand-painted (blue) RWE vessel body frag.	N16E6	2.49
252	3	RWE vessel body frag.	N16E6	3.95
253	1	Red stoneware vessel body frag. (olive-glaze)	N16E6	2.19
254	1	Red stoneware vessel body frag. (red glaze ex./white glaze int.)	N16E6	5.75
255	1	Colourless glass round bottle base	N16E6	6.64
256	2	Dark olive green curved bottle glass body frag.	N16E6	7.34
257	1	Iron button (4 hole)	N16E6	2.54
258	2	Wrought iron square nail	N16E6	8.51
259	2	Wrought iron square nail (missing head)	N16E6	4.34
260	1	Mammalian molar tooth frag. (<i>Bos taurus</i>)	N16E6	7.15
261	2	Blue shell edge RWE vessel rim frag.	N16W5	0.66
262	2	Blue transfer RWE vessel body frag.	N16W5	0.71
263	1	Stoneware (brown int./gray ext. glaze) vessel base frag.	N16W5	31.45
264	1	Stoneware (brown int./gray ext. glaze) vessel body frag.	N16W5	8.53

-End of Stage 3 Unit Catalogue-



APPENDIX C: Feature 1 Artifact Catalogue for Site BaGm-11.

Feature 1 Artifacts						
#	Qty.	Description	Unit	Location	Depth (cm)	Wt.(g)
266	1	Half-penny token with King George III bust	N11E1	NA	0.00	7.77
267	1	Buff brick frag.	N11E1	N85 E86	3-7	122.99
268	3	Charcoal frag.	N11E1	N95 E78	10.00	48.13
269	1	Red stoneware vessel base frag. (red glaze ext./white glaze int.)	N11E1	N98 E83	10.00	180.77
270	1	Iron knife blade	N11E1	N97 E60	10.00	32.65
271	1	Mammalian rib	N11E1	N87 E68	10.00	8.46
272	1	Iron hoe blade	N11E1	N86/100 E38/48	+3-12	488.13
273	1	Copper token (marking illegible)	N11E1	N72 E78	31.00	5.81
274	1	Black transfer (scenic) RWE vessel base frag.	N11E2	N71 E33	5.00	8.88
275	1	White clay historic pipe stem frag.	N11E2	N76 E45	3-6	3.58
276	1	White clay historic pipe bowl frag.	N11E2	N78 E50	4-6	2.72
277	1	Iron strap frag.	N11E2	N84 E68	4-7	16.40
278	1	Iron fork with carved bone handle	N11E2	N77 E43	3-8	40.42
279	1	Hand-painted (blue, yellow floral) RWE vessel rim frag.	N11E2	N85 E56	8.00	3.49
280	1	White clay historic pipe stem frag.	N11E2	N85 E56	8.00	1.13
281	1	Charcoal frag.	N11E2	N89 E50	8.00	6.06
282	1	Hand-painted (green band/leaf) RWE vessel rim frag.	N11E2	N89 E50	8.00	2.88
283	1	Hand-painted (green, red floral) RWE vessel body frag.	N11E2	N89 E50	8.00	2.39
284	1	Iron knife with carved bone handle	N11E2	N83/100 E67	6-9	64.37
285	1	Clacined mammalian skull frag.	N11E2	N88 E18	9.00	4.23
286	1	Buff brick frag.	N11E2	NA	0-10	205.47
287	1	Buff brick frag. (mends with 186)	N11E2	N71 E45	5-10	242.35
288	1	Iron knife with carved bone handle	N11E2	N90/100 E42	8-10	75.33
289	1	Hand-painted (black band, black/blue floral) RWE vessel rim frag.	N11E2	N95 E38	8-10	1.95
290	1	Plain (blue spot) RWE vessel base frag.	N11E2	N95 E38	8-10	3.29
291	1	Hand-painted (blue foral) RWE vessel body frag.	N11E2	N85 E29	10.00	3.69
292	1	Hand-painted (blue, orange floral) RWE vessel body frag.	N11E2	N87 E46	10.00	2.05
293	1	White clay historic pipe stem frag. (burnt)	N11E2	N87 E46	10.00	2.74
294	1	Bone button (5 holes)	N11E2	N87 E46	10.00	0.75
295	4	Indeterminate iron frag.	N11E2	N90 E14	12.00	7.00
296	1	Hand-painted (blue floral/band) RWE vessel rim frag.	N11E2	N72 E34	14.00	4.44
297	1	Green shell edge (neo-classical) RWE vessel rim frag.	N11E2	N89 E27	14.00	4.99
298	1	Blue transfer (floral/pattern) RWE vessel shoulder frag.	N11E2	N82 E54	15.00	5.37
299	1	Yellow brick frag.	N11E2	N83 E38	12-17	244.84
300	1	Hand-painted (blue, orange floral) RWE vessel rim frag.	N11E2	N92 E12/14	17.00	11.38
301	1	Yellow brick frag.	N11E2	N60 E30	30.00	422.68
302	1	Hand-painted (blue floral) RWE vessel body frag.	N11E2	N67 E22	30.00	3.93
303	1	Moulded (floral) RWE vessel body frag.	N11E2	N78 E50	30.00	4.29
304	1	Mammalian carpal bone	N11E2	N72 E36	30.00	2.58
305	1	Stoneware (black glaze) vessel body frag.	N11E2	N85 E20	35.00	5.74



306	1	Industrial slipware (blue, brown, black) vessel body frag.	N12E1	N36 E87	9.00	1.33
307	1	White clay historic pipestem frag.	N12E1	N3 E55	9.00	3.65
308	1	Hand-painted (blue, green, red floral, black band) RWE vessel body frag.	N12E1	N8 E48	`5-10	40.37
309	1	Red stoneware (red glaze ext./white glaze int.) vessel body frag.	N12E1	N6 E92	`7-10	62.25
310	1	Mammalian rib frag.	N12E1	N32 E70	10.00	1.42
311	1	Hand-painted (blue floral) RWE vessel rim frag.	N12E1	N18 E50	10.00	7.91
312	1	Iron plate frag.	N12E1	N18 E50	10.00	14.14
313	1	Mammalian phalange frag.	N12E1	N21 E68	12.00	2.68
314	1	Hand-painted (black, green) RWE vessel body frag.	N12E1	N12 E52	13.00	1.98
315	1	Mammalian mandible frag.	N12E1	N9 E78	13.00	4.09
316	1	Yellow brick frag.	N12E1	N20 E48	`6-14	590.26
317	1	Hand-painted (green, red, black floral, black band)	N12E1	N10 E66	18.00	5.98
318	1	Plain RWE vessel body frag. (burnt)	N12E1	N10 E66	18.00	1.64
319	1	Mammalian carpal bone	N12E1	N10 E66	18.00	2.06
320	1	White clay histoic pipestem frag.	N12E1	N8 E84	18.00	2.90
321	1	Mammalian skull frag.	N12E1	N5 E88	18.00	7.25
322	1	Red brick frag.	N12E1	N15 E85	18.00	24.55
323	1	Gun flint (English)	N12E1	N6 E86	19.00	3.08
324	1	Green glazed band with cross-hatch moulding RWE vessel body frag.	N12E1	N9 E72	19.00	1.15
325	1	Industrial slipware (blue,white) red earthenware vessel body frag.	N12E1	N30 E100	20.00	2.27
326	1	Hand-painted (blue, green black) RWE vessel rim frag.	N12E1	N17 E74	20.00	0.81
327	1	Brass insert-style keyhole escutcheon	N12E1	N5 E25	20.00	2.66
328	1	Mammalian longbone frag. (calcined)	N12E1	N20 E95	20.00	0.90
329	1	Mammalian calcaneus (proximal half)	N12E1	N20 E97	21.00	25.29
330	1	Stoneware (buff glaze) vessel body frag.	N12E1	N12 E88	22.00	6.53
331	1	Hand-painted (green, blue band) RWE vessel shoulder frag.	N12E1	N23 E94	22.00	5.93
332	1	Blue transfer (floral/pattern) RWE vessel shoulder frag.	N12E1	N20 E87	23.00	7.33
333	1	Copper alloy button	N12E1	N2 E2	23.00	3.87
334	1	Red brick frag.	N12E1	N3 E90	`20-25	228.28
335	1	Red brick frag.	N12E1	N18 E100	25.00	173.88
336	1	Wrought iron square nail	N12E1	N24 E100	28.00	4.67
337	1	charcoal	N12E1	N9 E35	30.00	44.43
338	1	Plain RWE vessel body frag. (rust stained)	N12E1	N10-27 E88-95	30.00	0.39
339	1	Flat tapered iron object	N12E1	N10-27 E88-95	`30-31	209.82
340	1	Blue shell edge (neoclassical) RWE vessel rim frag.	N12E1	N27 E47	40.00	11.96
341	1	Mammalian tooth frag.	N12E1	N23 E65	40.00	0.83
342	1	Mammalian rib frag. (sawn)	N12E1	N23 E45	40.00	3.84
343	1	Brass button, ``SUPERFINE ORANGE GILT`` on underside	N12 E2	N20 E7	3.00	4.75
344	1	White clay historic pipestem frag. With moulded decoration	N12 E2	N20 E40	5.00	8.30
345	1	Lead musketball (1.45cm diameter)	N12 E2	N11 E46	7.00	18.26
346	1	Hand-painted (blue, green, red, black floral) RWE vessel base frag.	N12 E2	N24 E23	9.00	9.92



347	1	Mammalian bone frag.	N12 E2	NA	`0-10	0.65
348	1	Buff brick frag.	N12 E2	N0 E59	`6-10	325.41
349	1	Plain RWE vessel base frag.	N12 E2	N13 E66	`10-12	11.54
350	1	Red brick frag.	N12 E2	N20 E4	13.00	12.03
351	1	Light blue (pearlware) RWE vessel base frag.	N12 E2	N8 E45	14.00	4.07
352	1	Hand-painted (orange, blue band) RWE vessel rim frag.	N12 E2	N3 E38	14.00	2.07
353	1	Machine cut nail (missing head)	N12 E2	N13 E52	14.00	1.13
354	1	Hand-painted (blue) RWE vessel body frag.	N12 E2	N9 E25	15.00	0.70
355	1	Red brick frag.	N12 E2	N9 E25	15.00	7.04
356	1	Iron nail (curved, heavily rusted)	N12 E2	N23 E20	15.00	2.99
357	1	Wrought iron square nail	N12 E2	N0 E33	15.00	9.81
358	1	Hand-painted (green, blue, black floral) RWE vessel body frag.	N12 E2	N8 E38	16.00	0.76
359	1	Plain RWE vessel base frag.	N12 E2	N8 E38	16.00	3.26
360	1	White clay historic pipe bowl with spur and partial stem, ``TD``	N12 E2	N16 E38	16.00	13.80
361	1	Copper alloy button, ``TREBLE ORANGE LONDON`` on underside	N12 E2	N10 E11	17.00	4.30
362	1	Hand-painted (blue floral/band) RWE vessel rim frag.	N12 E2	N20 E5	`15-18	7.52
363	1	Black banded RWE vessel rim frag.	N12 E2	N4 E4	18.00	0.78
364	1	Iron plate frag.	N12 E2	N4 E4	18.00	7.19
365	1	Hand-painted (blue floral/band) RWE vessel rim frag.	N12 E2	N18 E20	19.00	0.85
366	1	Mammalian longbone frag.	N12 E2	NA	`10-20	2.68
367	1	Avian longbone frag.	N12 E2	NA	`10-20	0.16
368	1	Hand-painted (yellow, blue) RWE vessel rim frag.	N12 E2	N2 E6	20.00	1.10
369	1	Hand-painted (blue floral/band) RWE vessel rim frag.	N12 E2	N2 E6	20.00	1.93
370	1	Mammalian longbone frag. (calcined)	N12 E2	N2 E6	20.00	0.88
371	1	Red brick frag.	N12 E2	N2 E6	20.00	5.74
372	1	Hand-painted (blue, black floral, black band) RWE vessel rim frag.	N12 E2	N5E24	20.00	2.71
373	1	Plain RWE knob	N12 E2	N19 E4	20.00	3.41
374	1	Fish cranial bone	N12 E2	N19 E22	20.00	0.08
375	1	Charcoal frag.	N12 E2	N3 E30	20.00	6.72
376	1	Bone handle half with iron rivets	N12 E2	N29 E6	24.00	8.61
377	1	Blue transfer RWE vessel base frag.	N12 E2	N8 E18	20-26	3.03
378	1	Buff brick frag.	N12 E2	N8 E18	20-26	281.90
379	1	Buff brick frag.	N12 E2	N18 E17	22-27	266.09
380	1	Red brick frag.	N12 E2	N18 E17	22-27	109.36
*381	1	Machine cut iron nail	N12 E2	N16 E4	28.00	5.98
*382	1	Mammalian incisor	N12 E2	N16 E4	28.00	2.12
*383	1	Charcoal frag.	N12 E2	N16 E4	28.00	9.56
384	1	Plain RWE vessel base frag.	N12 E2	N15 E20	30.00	7.49
385	1	Red brick frag.	N12 E2	N15 E20	30.00	53.40
386	1	Hand-painted (blue floral) RWE vessel base frag., mm: DAVENPORT and anchor (impressed)	N12 E2	N20 E64	35.00	1.76
387	1	Iron knife frag. With bone handle	N12 E2	N18 E48	35.00	48.72



388 1 Wrought iron square nail N12 E2 N22 E53 35.00 4.42

*Found underneath stone

-End of Feature 1 Artifact Catalogue-

Feature 1 Flotation Artifacts					
#	Qty	Description	Unit	Level (cm)	Wt.(g)
389	2	Plain RWE vessel base frag.	N11E1	0-10	5.26
390	1	Plain RWE vessel curved body frag.	N11E1	0-10	0.15
391	1	Heat deformed green glass fra.	N11E1	0-10	0.80
392	4	Colourless thin window glass frag.	N11E1	0-10	0.48
393	1	Brass button, "TREBLE ORANGE" on underside	N11E1	0-10	2.61
394	1	White metal spun-back button	N11E1	0-10	2.40
395	1	Iron button, 4-hole	N11E1	0-10	2.63
396	1	bone button frag.	N11E1	0-10	0.38
397	1	2 connected iron chain links	N11E1	0-10	36.62
398	1	Iron strap frag. with hole	N11E1	0-10	5.33
399	7	Indeterminate iron frag.	N11E1	0-10	1.07
400	1	Mammalian metapodial distal epiphysis (<i>Odocoileus virginianus</i>)	N11E1	0-10	2.66
401	1	Mammalian terminal phalanx (<i>Artiodactyl</i>)	N11E1	0-10	2.50
402	1	Mammalian molar frag. (<i>Sus scrofa</i>)	N11E1	0-10	1.93
403	1	Mammalian carpal	N11E1	0-10	3.03
404	2	Mammalian astragalus frag.	N11E1	0-10	3.12
405	16	Mammalian bone frag.	N11E1	0-10	1.68
406	29	Mammalian bone frag. (burnt/calcined)	N11E1	0-10	7.41
407	1	Fish postcleithrum	N11E1	0-10	<0.00
408	1	Fish ctenoid scale	N11E1	0-10	<0.00
409	1	Buff brick frag.	N11E1	0-10	51.12
410	3	Red brick frag.	N11E1	0-10	4.24
411	100+	Charcoal frag.	N11E1	0-10	40.17
412	100+	Light fraction fine portion (1.35mm) charcoal/plant remains	N11E1	0-10	6.81
413	100+	Light fraction coarse portion (3.55mm) charcoal/plant remains	N11E1	0-10	12.51
414	1	Blue transfer (scenic) RWE vessel body frag.	N11E1	10-20	0.88
415	1	Blue transfer RWE vessel body frag.	N11E1	10-20	0.08
416	1	Hand-painted (red, black) RWE vessel shoulder frag.	N11E1	10-20	2.14
417	2	Plain RWE vessel body frag.	N11E1	10-20	5.49
418	1	Colourless curved bottle body glass frag.	N11E1	10-20	2.01
419	1	Machine cut iron nail	N11E1	10-20	8.93
420	1	Iron horseshoe tack	N11E1	10-20	4.00
421	5	Iron wire fragment	N11E1	10-20	0.96
422	1	Mammalian medial phalanx	N11E1	10-20	2.22



423	1	Mammalian cervical vertebrae	N11E1	10-20	0.11
424	2	Mammalian vertebral frag.	N11E1	10-20	0.05
425	7	Mammalian bone frag.	N11E1	10-20	0.89
426	1	Turtle carapace frag. (calcined)	N11E1	10-20	2.03
427	12	Mammalian bone frag. (burnt/calcined)	N11E1	10-20	3.03
428	2	Fish vertebral frag. (Percidae)	N11E1	10-20	<0.00
429	1	Fish ctenoid scale	N11E1	10-20	<0.00
430	1	Charcoal frag.	N11E1	10-20	15.65
431	1	Hand-painted (green, red) RWE vessel rim frag.	N11E2	0-10	0.48
432	1	Hand-painted (red) RWE vessel shoulder frag.	N11E2	0-10	1.65
433	1	Plain RWE vessel rim frag.	N11E2	0-10	0.16
434	2	Plain RWE vessel base frag.	N11E2	0-10	9.84
435	2	Plain RWE vessel shoulder frag.	N11E2	0-10	4.31
436	4	Plain RWE vessel body frag.	N11E2	0-10	2.06
437	2	Stoneware (brown glaze) vessel body frag.	N11E2	0-10	0.89
438	1	Colourless glass plate rim frag.	N11E2	0-10	2.19
439	1	Colourless glass curved bottle body frag.	N11E2	0-10	0.86
440	1	Green glass frag.	N11E2	0-10	0.04
441	2	Purple/brown glass beads	N11E2	0-10	0.96
442	3	White clay historic pipe bowl frag.	N11E2	0-10	3.67
443	1	Steel button with brass finish on back	N11E2	0-10	1.55
444	1	Iron chain link	N11E2	0-10	25.75
445	1	Rolled lead frag.	N11E2	0-10	2.92
446	5	Iron nail frag.	N11E2	0-10	7.69
447	1	Iron tack	N11E2	0-10	0.78
448	30+	Indeterminate iron frag.	N11E2	0-10	6.94
449	1	Mammalian tarsal (<i>Artiodactyl</i>)	N11E2	0-10	5.27
450	1	Mammalian carpal	N11E2	0-10	0.26
451	1	Mammalian terminal phalanx (<i>Artiodactyl</i>)	N11E2	0-10	0.27
452	1	Mammalian ulnar frag. with semi-lunar facet	N11E2	0-10	1.51
453	2	Mammalian femoral proximal epiphyseal frag.	N11E2	0-10	2.16
454	1	Mammalian rib frag.	N11E2	0-10	2.71
455	1	Mammalian premolar (<i>Carnivora</i>)	N11E2	0-10	0.23
456	2	Mammalian molar/premolar frag. (<i>Artiodactyl</i>)	N11E2	0-10	0.43
457	2	Mammalian mandible frag. (<i>Rodentia</i>)	N11E2	0-10	0.10
458	1	Mammalian thoracic vertebrae (<i>Rodentia</i>)	N11E2	0-10	<0.00
459	1	Avian terminal phalange	N11E2	0-10	0.03
460	1	Avian tibiotarsus shaft ad distal end	N11E2	0-10	2.45
461	1	Avian femus proximal end	N11E2	0-10	0.96
462	1	Avian longbone shaft frag.	N11E2	0-10	0.22
463	1	Mammalian molar/premolar frag. (<i>Artiodactyl</i>)(calcined)	N11E2	0-10	0.39
464	2	Mammalian epiphysis frag. (calcined)	N11E2	0-10	3.72
465	3	Mammalian longbone frag.	N11E2	0-10	4.80
466	1	Mammalian longbone frag. (calcined)	N11E2	0-10	0.26
467	1	Mammalian skull frag. (calcined)	N11E2	0-10	0.36



468	29	Mammalian bone frag.	N11E2	0-10	3.41
469	1	Avian bone frag.	N11E2	0-10	0.05
470	21	Mammalian bone frag. (burnt/calcined)	N11E2	0-10	3.97
471	1	Fish dorsal fin spine	N11E2	0-10	0.01
472	17	Fish ctenoid scale	N11E2	0-10	0.04
473	2	Buff brick frag.	N11E2	0-10	55.58
474	3	Red brick frag.	N11E2	0-10	3.50
475	4	Compacted ash clump	N11E2	0-10	6.42
476	50+	Charcoal frag.	N11E2	0-10	26.69
477	50+	Light fraction coarse portion (3.55mm) charcoal/plant remains	N11E2	0-10	12.47
478	100+	Light fraction fine portion (1.35mm) charcoal/plant remains	N11E2	0-10	2.54
479	1	blue glaze band with cross-hatch moulding RWE vessel rim frag.	N11E2	10-20	1.01
480	1	Blue transfer RWE vessel body frag.	N11E2	10-20	0.06
481	1	Moulded/Hand-painted (yellow, red, green floral) RWE vessel rim frag.	N11E2	10-20	6.36
482	1	Hand-painted (blue, brown, brown band int.) RWE vessel rim frag.	N11E2	10-20	0.72
483	1	Hand-painted (blue, blue band int.) Rwe vessel rim frag.	N11E2	10-20	1.94
484	1	Hand-pained (blue) RWE vessel rim frag.	N11E2	10-20	0.98
485	1	Hand-painted (blue band int.) Hand-painted (black, black band int./ext.) RWE vessel rim frag.	N11E2	10-20	0.52
486	1	Hand-painted (red) RWE vessel body frag.	N11E2	10-20	0.21
487	1	Hand-painted (red) RWE vessel body frag.	N11E2	10-20	0.72
488	1	Hand-painted (green) RWE vessel body frag.	N11E2	10-20	0.17
489	1	Plain RWE vessel rim frag.	N11E2	10-20	1.58
490	3	Plain RWE vessel base frag.	N11E2	10-20	10.45
491	4	Plain RWE vessel body frag.	N11E2	10-20	1.32
492	1	Stoneware (buff ext. glaze) vessel body frag.	N11E2	10-20	2.37
493	1	Red stoneware (cream glaze) vessel body frag.	N11E2	10-20	0.34
494	1	Green glass curved bottle body frag.	N11E2	10-20	7.14
495	1	Colourless window glass frag.	N11E2	10-20	0.06
496	1	Colourless heat altered glass frag. with ash inclusions	N11E2	10-20	1.73
497	1	Purple/brown glass bead	N11E2	10-20	0.51
498	2	White clay historic pipe stem frag.	N11E2	10-20	3.92
499	1	White clay histroic pipe bowl frag.	N11E2	10-20	0.93
500	1	Copper alloy button with anchor on front	N11E2	10-20	1.29
501	1	bone button frag.	N11E2	10-20	1.10
502	12	Thin iron sheet frag.	N11E2	10-20	22.67
503	2	Wrought iron square nail	N11E2	10-20	10.96
504	1	Iron horseshoe tack	N11E2	10-20	1.70
505	19	Indeterminate iron frag.	N11E2	10-20	8.81
506	1	Mammalian lumbar vertebrae (<i>Odocoileus virginianus</i>)	N11E2	10-20	13.03
507	2	Mammalian rib frag.	N11E2	10-20	3.45



508	1	Mammalian vertebral spinus process	N11E2	10-20	0.75
509	1	Mammalian phalanx frag.	N11E2	10-20	0.23
510	2	Mammalian terminal phalanx	N11E2	10-20	3.35
511	1	Mammalian phalanx distal portion	N11E2	10-20	0.01
512	35	Mammalian bone frag.	N11E2	10-20	1.31
513	1	Mammalian skull frag. (calcined)	N11E2	10-20	2.22
514	10	Mammalian bone frag. (burnt/calcined)	N11E2	10-20	0.60
515	11	Avian bone frag.	N11E2	10-20	0.53
516	1	Avian vertebrae	N11E2	10-20	<0.00
517	1	Avian phalanx (anterior, II)	N11E2	10-20	0.10
518	1	Fish vertebral frag. (Percidae)	N11E2	10-20	0.02
519	1	Fish vertebrae (Salmonidae)	N11E2	10-20	0.03
520	1	Fish hypural	N11E2	10-20	0.03
521	1	Fish haemal spine	N11E2	10-20	<0.00
522	1	Fish branchiostegal ray frag.	N11E2	10-20	<0.00
523	1	Fish rib	N11E2	10-20	<0.00
524	17	Fish ctenoid scale	N11E2	10-20	0.02
525	1	Chert flake fragment (possible gunflint fragment)	N11E2	10-20	0.10
526	6	Buff brick frag.	N11E2	10-20	169.72
527	14	Red brick frag.	N11E2	10-20	4.79
528	100+	Charcoal frag.	N11E2	10-20	33.50
		Light fraction coarse portion (3.55mm) charcoal/plant			
529	50+	remains	N11E2	10-20	6.55
		Light fraction fine portion (1.35mm) charcoal/plant			
530	100+	remains	N11E2	10-20	3.88
531	1	Black transfer (scenic) RWE vessel body sherd	N11E2	0-10	0.86
532	2	Hand-painted (blue) RWE vessel body sherds	N12E1	0-10	2.65
533	1	Plain RWE vessel rim frag.	N12E1	0-10	0.39
534	3	Plain RWE vessel body frag.	N12E1	0-10	0.39
535	2	Green glass frag. (heat altered)	N12E1	0-10	5.29
536	2	Colourless glass curved bottle body frag.	N12E1	0-10	1.60
537	3	Colourless glass window frag.	N12E1	0-10	0.52
538	1	White clay historic pipe stem frag. with moulded ribs	N12E1	0-10	1.91
539	1	Iron sheet frag.	N12E1	0-10	0.18
540	1	Small iron tack	N12E1	0-10	0.40
541	2	White metal sheet frag. (poss. lead)	N12E1	0-10	0.12
		Mammalian metapodial distal epiphysis (Odocoileus			
542	1	virginianus) (burnt)	N12E1	0-10	1.59
543	1	Mammalian molar frag. (Sus scrofa)	N12E1	0-10	0.76
544	1	Mammalian right mandible (Rodentia)	N12E1	0-10	<0.00
545	1	Mammalian premolar frag. (Carnivora)	N12E1	0-10	0.30
546	1	Mammalian ulnar shaft frag.	N12E1	0-10	2.33
547	1	Mammalian carpal	N12E1	0-10	1.51
548	1	Mammalian vertebral frag.	N12E1	0-10	0.71
549	1	Mammalian pelvic frag.	N12E1	0-10	2.27



550	1	Mammalian epyphseal frag.	N12E1	0-10	2.62
551	1	Mammalian thoracic vertebrae (Rodentia)	N12E1	0-10	0.00
552	24	Mammalian bone frag.	N12E1	0-10	0.79
553	25	Mammalian bone frag. (burnt/calcined)	N12E1	0-10	4.13
554	1	Avian humerus proximal frag.	N12E1	0-10	0.37
555	1	Avian humerus distal frag.	N12E1	0-10	0.07
556	1	Avian coracoid frag.	N12E1	0-10	0.27
557	3	Avian longbone shaft frag.	N12E1	0-10	0.38
558	1	Amphibian longbone portion	N12E1	0-10	0.05
559	4	Fish ctenoid scale	N12E1	0-10	<0.00
560	23	Buff brick frag.	N12E1	0-10	234.13
561	100+	Charcoal frag.	N12E1	0-10	24.81
562	100+	Light fraction coarse portion (3.55mm) charcoal/plant remains	N12E1	0-10	10.90
563	100+	Light fraction fine portion (1.35mm) charcoal/plant remains	N12E1	0-10	4.50
564	1	Native pottery vessel body sherd Hand-painted (blue, brown, brown band int.) RWE vessel	N12E1	10-20	0.63
565	1	rim frag.	N12E1	10-20	0.26
566	1	Hand-painted (Green-band) RWE vessel rim frag. (burnt) Hand-painted (green) RWE vessel body frag. with	N12E1	10-20	1.25
567	1	moulding	N12E1	10-20	0.04
568	1	Hand-painted (green leaf) RWE vessel body frag.	N12E1	10-20	0.20
569	2	Hand-painted (blue) RWE vessel body sherds	N12E1	10-20	0.69
570	1	Industrial slipware (brown/black) RWE vessel body frag.	N12E1	10-20	0.21
571	1	Plain RWE vessel body frag. with moulding	N12E1	10-20	0.28
572	2	Plain RWE vessel body frag.	N12E1	10-20	2.54
573	2	RWE vessel body frag. (burnt)	N12E1	10-20	0.33
574	3	Red earthenware (cream glaze) vessel body frag.	N12E1	10-20	14.20
575	1	Colourless glass window frag.	N12E1	10-20	0.08
576	1	White clay historic pipe stem frag.	N12E1	10-20	0.53
577	1	Tan clay historic pipe bow frag. White clay historic pipe bowl frag. with moulded	N12E1	10-20	0.37
578	2	decoration	N12E1	10-20	1.02
579	1	White clay histoic pipe bowl frag.	N12E1	10-20	0.52
580	1	Purple glass bead	N12E1	10-20	0.43
581	1	Copper alloy button	N12E1	10-20	2.63
582	3	Flat iron frag.	N12E1	10-20	2.76
583	1	Mammalian longbone frag. (sawn)	N12E1	10-20	1.63
584	1	Mammalian rib frag.	N12E1	10-20	0.90
585	14	Mammalian bone frag.	N12E1	10-20	0.66
586	55	Mammalian bone frag. (burnt/calcined)	N12E1	10-20	12.13
587	1	Avian phalanx (anterior, II)	N12E1	10-20	0.29
588	1	Avian carpometacarpus	N12E1	10-20	0.12
589	1	Avian humerus proximal epiphysis	N12E1	10-20	0.15
590	1	Avian humerus shaft	N12E1	10-20	0.23



591	2	Avian longbone shaft frag.	N12E1	10-20	0.23
592	4	Fish ctenoid scale	N12E1	10-20	<0.00
593	12	Red brick frag.	N12E1	10-20	9.42
594	1	Yellow brick frag.	N12E1	10-20	0.59
595	4	Buff brick frag.	N12E1	10-20	5.39
596	100+	Charcoal frag.	N12E1	10-20	43.19
		Light fraction coarse portion (3.55mm) charcoal/plant			
597	100+	remains	N12E1	10-20	12.39
		Light fraction fine portion (1.35mm) charcoal/plant			
598	100+	remains	N12E1	10-20	6.91
599	1	Blue transfer RWE vessel body frag.	N12E1	20-30	0.10
		Hand-painted (blue, blue band int./ext.) RWE vessel rim			
600	1	frag.	N12E1	20-30	0.93
601	1	Hand-painted (blue band int.) RWE vessel body frag.	N12E1	20-30	0.19
		Industrial slipware (Red, blue, gray) RWE vessel body			
602	1	frag.	N12E1	20-30	2.74
603	1	Plain RWE vessel rim frag. (burnt)	N12E1	20-30	0.68
604	1	Plain RWE vessel rim frag.	N12E1	20-30	0.33
605	4	Plain RWE vessel body sherd	N12E1	20-30	2.39
606	2	Colourless glass bottle body frag. (heat altered)	N12E1	20-30	1.10
607	1	Machine cut iron nail	N12E1	20-30	1.17
608	18	Indeterminate iron frag.	N12E1	20-30	6.33
609	2	Gunflint frag.	N12E1	20-30	0.99
610	1	White clay historic pipe stem frag.	N12E1	20-30	0.45
611	1	Mammalian vertebral epyphysis frag.	N12E1	20-30	0.37
612	1	Mammalian epyphyseal frag. (calcined)	N12E1	20-30	1.84
613	10	Mammalian bone frag. (burnt/calcined)	N12E1	20-30	1.23
614	2	Avian longbone shaft frag.	N12E1	20-30	0.13
615	2	Fish ctenoid scale	N12E1	20-30	<0.00
616	20	Red brick frag.	N12E1	20-30	6.40
617	50+	Charcoal frag.	N12E1	20-30	16.57
		Light fraction coarse portion (3.55mm) charcoal/plant			
618	50+	remains	N12E1	20-30	13.68
		Light fraction fine portion (1.35mm) charcoal/plant			
619	100+	remains	N12E1	20-30	2.45
		Hand-painted (blue, orange) RWE vessel body frag. with			
620	1	drilled hole	N12E2	0-10	1.40
621	1	Plain RWE vessel rim frag.	N12E2	0-10	0.19
		Plain RWE vessel base frag. with indiscernible impressed			
622	1	mm	N12E2	0-10	11.62
623	2	Plain RWE vessel body frag.	N12E2	0-10	0.06
624	1	Plain vitrified WE vessel body frag.	N12E2	0-10	0.74
625	1	Dark green glass frag.	N12E2	0-10	0.17
626	2	Colourless window glass frag.	N12E2	0-10	0.28
627	1	Amorphous glass lump	N12E2	0-10	0.45
628	2	Green glass flake	N12E2	0-10	0.04



629	2	Copper pin	N12E2	0-10	0.16
630	1	Copper plate, 2 holes	N12E2	0-10	0.35
631	1	Iron button, 4-hole	N12E2	0-10	3.68
632	1	Iron wire fragment	N12E2	0-10	9.51
633	50+	Iron fragment	N12E2	0-10	6.48
634	2	lead shot	N12E2	0-10	0.35
635	1	Mammalian mandible frag. (Rodentia)	N12E2	0-10	<0.00
636	1	Mammalian vertebral epyphysis frag.	N12E2	0-10	0.82
637	1	Mammalian skull frag. (Rodentia)	N12E2	0-10	0.02
638	11	Mammalian bone frag.	N12E2	0-10	2.33
639	11	Mammalian bone frag. (burnt/calcined)	N12E2	0-10	0.51
640	1	Avian longbone shaft frag.	N12E2	0-10	0.04
641	1	Turtle carapace frag.	N12E2	0-10	0.11
642	2	Fish vertebrae (Salmonidae)	N12E2	0-10	0.19
643	1	Fish ctenoid scale	N12E2	0-10	<0.00
644	17	Red brick frag.	N12E2	0-10	2.10
645	50+	Charcoal frag.	N12E2	0-10	8.75
646	100+	Light fraction coarse portion (3.55mm) charcoal/plant remains	N12E2	0-10	5.78
647	100+	Light fraction fine portion (1.35mm) charcoal/plant remains	N12E2	0-10	7.60
648	1	Hand-painted (green, black) RWE vessel shoulder sherd	N12E2	10-20	1.35
649	1	Hand-painted (blue) RWE vessel rim sherd	N12E2	10-20	0.12
650	2	Hand-painted (blue) RWE vessel body sherd	N12E2	10-20	0.32
651	1	Plain RWE vessel shoulder frag.	N12E2	10-20	1.26
652	3	Plain RWE vessel body frag.	N12E2	10-20	0.22
653	2	Stoneware (brown glaze) vessel body frag.	N12E2	10-20	0.49
654	1	Colourless glass frag.	N12E2	10-20	0.23
655	1	Green glass frag.	N12E2	10-20	0.04
656	1	Colourless glass window frag.	N12E2	10-20	0.03
657	1	White clay historic pipe bowl frag.	N12E2	10-20	0.07
658	2	White clay historic pipe stem frag.	N12E2	10-20	0.37
659	1	Copper alloy button, "LONDON TREBLE PLATED 50" on underside	N12E2	10-20	3.68
660	1	White metal spun-back button with conical top	N12E2	10-20	2.65
661	1	Mammalian tooth frag.	N12E2	10-20	0.07
662	13	Mammalian bone frag.	N12E2	10-20	1.34
663	1	Mammalian epyphseal frag. (calcined)	N12E2	10-20	3.04
664	24	Mammalian bone frag. (burnt/calcined)	N12E2	10-20	2.99
665	1	Avian humerus distal frag.	N12E2	10-20	0.28
666	1	Avian epyphseal frag.	N12E2	10-20	0.04
667	1	Avian furculum frag.	N12E2	10-20	0.06
668	3	Avian longbone shaft frag.	N12E2	10-20	0.25
669	2	Fish vertebrae (Salmonidae)	N12E2	10-20	0.25
670	1	Fish vertebrae (Percidae)	N12E2	10-20	0.02



671	1	Fish rib	N12E2	10-20	0.02
672	10	Fish ctenoid scale	N12E2	10-20	0.04
673	1	lead shot	N12E2	10-20	0.18
674	2	Iron plate frag. with perforations	N12E2	10-20	4.38
675	50+	Ind. iron frag.	N12E2	10-20	15.27
676	19	Red brick frag.	N12E2	10-20	2.56
677	2	Carbonized seed frag.	N12E2	10-20	0.02
678	50+	Charcoal frag.	N12E2	10-20	13.53
679	50+	Light fraction coarse portion (3.55mm) charcoal/plant remains	N12E2	10-20	5.60
680	100+	Light fraction fine portion (1.35mm) charcoal/plant remains	N12E2	10-20	3.70
681	2	Red transfer (floral) RWE vessel body sherd	N12E2	20-30	0.57
682	1	blue-banded RWE vessel rim sherd	N12E2	20-30	0.30
683	1	Hand-painted (green) RWE vessel body sherd	N12E2	20-30	0.10
684	1	Hand-painted (red floral) RWE vessel body sherd	N12E2	20-30	0.59
685	1	Industrial slipware (Brown) RWE vessel shoulder frag.	N12E2	20-30	1.20
686	4	Plain RWE vessel body frag.	N12E2	20-30	0.72
687	1	Olive-green glass frag. (heat altered)	N12E2	20-30	1.49
688	3	Thin white metal sheet (poss. Lead)	N12E2	20-30	1.42
689	1	Machine cut iron nail	N12E2	20-30	3.09
690	6	Ind. iron frag.	N12E2	20-30	0.55
691	2	lead shot	N12E2	20-30	0.36
692	1	White clay histroic pipe stem frag.	N12E2	20-30	0.46
693	1	Mammalian femur (Peromyscus sp.)	N12E2	20-30	0.02
694	1	Mammalian distal phalanx	N12E2	20-30	0.06
695	1	Mammalian sternal segment	N12E2	20-30	0.10
696	6	Mammalian bone frag.	N12E2	20-30	3.14
697	7	Mammalian bone frag. (burnt/calced)	N12E2	20-30	1.18
698	3	Red brick frag.	N12E2	20-30	0.36
699	4	Mortar frag.	N12E2	20-30	0.60
700	50+	Charcoal frag.	N12E2	20-30	20.07
701		END OF FEATURE 1 FLOTATION ARTIFACTS			

Stones from F1

Qty	Mineral	Unit	Location	Depth.(cm)	Wt.(g)
1	Limestone	N11E1	NA	0-10	1230.00
1	Limestone	N11E1	NA	0-10	594.90
1	Granitic Gneiss	N11E1	NA	0-10	114.30
1	Mudstone	N11E2	NA	0-10	1070.00
1	Limestone	N12E2	N2/16 E2/10	10-23	1550.00

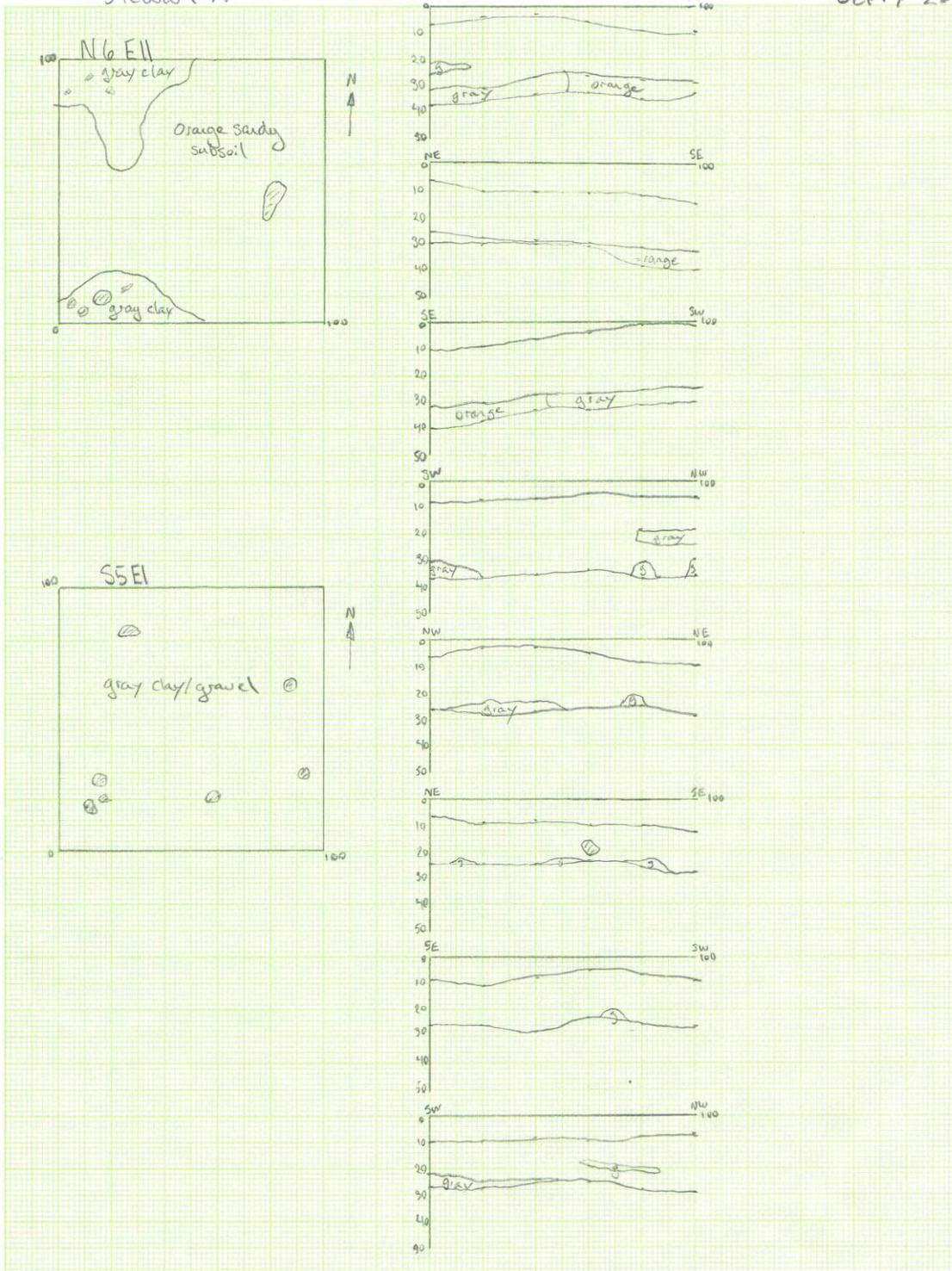


APPENDIX D: Representative Floor Plans and Profiles from Site BaGm-11.



Stewart N

Oct. 7 2010



Stewart N - Feature 1

Oct. 12 2010

