

# **New Philadelphia Excavation Unit Summary Form**

## **Block 13 Lot 3**

Hilary Iden, Matthew Kane, Christina Puzzo, Jill Scott, Elizabeth Watts and Eva Pajuelo

### **Excavation Unit 1 (N75 E10)**

Archaeologists began the excavation of Block 13 Lot 3 Excavation Unit 1 to investigate the source of a soil anomaly detected by the geophysical survey. They excavated Level A1 as a 0.5 ft arbitrary level. Level A1's average opening elevation is 769.2949 ft above median sea level (amsl) and average closing elevation is 769.0038 ft amsl. Level A1 is plow zone and is 10YR 4/2 (dark grayish brown) compact silty clay. Archaeologists encountered small gravel inclusions, areas of loose soil, and heavy bioturbation caused by modern plant roots, rodents, snakes and ants. The team recovered artifacts from throughout the level, which included brick, ceramics, metal, slag/clinker, glass, fieldstone, and faunal remains.

*"I found a large, white blue piece of ceramic."*

- Matthew Kane [UIUC student]

*"After a long, labor filled day, we wrapped things up with troweling, which I uncovered a porcelain."*

- Elizabeth Watts [UIUC student]

Archaeologists began Level A2 as a 0.5 ft arbitrary level. Level A2's average opening elevation is 769.0038 ft amsl and average closing elevation is 768.8168 ft amsl. Level A2 is plow zone and is 10YR 4/3 (brown) compact silty clay. The team discontinued excavation after excavating 0.2 ft of Level A2 with the appearance of a soil color change. The team noticed that the soil was mottled: 10YR 4/3 (brown) 50% and 10YR 5/8 (yellowish brown) 50%. Archaeologists recovered artifacts throughout the level that included brick, metal, ceramic, glass, miscellaneous stone, and faunal remains. They mapped a large mortar concentration in the plan view of this level.

Archaeologists excavated Level B1 as natural strata. Level B1's average opening elevation is 768.8168 ft amsl and average closing elevation is 768.4568 ft amsl. Level B1 is a buried plow zone and is mottled: 10YR 4/3 (brown) 50% and 10YR 5/8 (yellowish brown) 50% silty clay. Archaeologists recovered artifacts from throughout the level including brick, glass, ceramic, mortar, and charcoal. At the base of this level, the team mapped on the plan view a heavy concentration of metal and charcoal in the northeast corner.

Archaeologists excavated Level B2 as natural strata. Level B2's average opening elevation is 768.4568 ft amsl and average closing elevation is 768.0510 ft amsl. Level B2 is a buried plow zone. The west half of the unit is 10YR 4/3 (brown) silty clay. The east half of the unit is mottled: 10YR 4/3 (brown) 50% and 10YR 5/8 (yellowish brown) 50% silty clay.

*“As labor-intensive and difficult our efforts have been in trying to unearth New Philadelphia, I can’t begin to fathom how long and arduous the journey of Free Frank from enslaved laborer to a free town proprietor must have been.”*

- Elizabeth Watts [UIUC student]

Archaeologists recovered a dense amount of artifacts from the east half including mortar, metal, charcoal, glass, ceramics, charred wood, and fieldstone. No artifacts were recovered from the western portion of the unit. The team identified the east half of the unit as Feature 9. The team discontinued excavation in order to further investigate Feature 9. The team mapped Feature 9 on the planview and profiled the north, south, east, and west walls.

*“Later in the day, we found that the east quarter of the unit was really rife with mottling, and the other was really sterile.”*

- Christina Puzzo

## **Feature 9**

The team encountered Feature 9 in Level B2. The feature is characterized by highly mottled (10YR 4/3 (brown) and 10YR 5/8 (yellowish brown)) silty clay. The surrounding matrix is 10YR 4/3 (brown) and is sterile. Feature 9 contains 20% mortar, charcoal, and metal inclusions. Feature 9 extends into the north, south and east walls of Excavation Unit one.

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NSF-REU PROGRAM**

**BLOCK 13 LOT 3  
EXCAVATION UNIT 1 (N75 E10)**

<b>MEGA STRAT</b>	<b>LEVEL</b>	<b>STRATUM</b>	<b>MUNSELL</b>	<b>TEXTURE</b>	<b>OPENING ELEV. AMSL</b>	<b>CLOSING ELEV. AMSL</b>	<b>DESCRIPTION</b>
I	A1	SOD LAYER/ PLOW ZONE	10 YR 4/2	SILTY CLAY	769.2946 ft	769.0038 ft	Located in the topsoil, Level A1 yielded brick, ceramic, glass, miscellaneous stone, metal, slag and bone.
I	A2	PLOW ZONE	10YR 4/3	SILTY CLAY	769.0038 ft	768.8168 ft	Level A2 is plow zone. Artifact density decreased in this level. Artifacts were recovered throughout the level, including glass, ceramic, metal, bone, brick, and miscellaneous stone.
I	B1	BURIED PLOW ZONE	MOTTLED: 10 YR 4/3 10YR 5/8	SILTY CLAY	768.8168 ft	768.4568 ft	Level B1 is a natural/cultural strata. Artifact density increases in some areas and include brick, glass, ceramic, charcoal, mortar and metal.
I	B2	BURIED PLOW ZONE	MOTTLED: 10YR 4/3 10YR 5/8	SILTY CLAY	768.4568 ft	768.0510 ft	Level B2 is a natural/cultural strata. The western two-thirds of the unit becomes sterile soil yielding no artifacts while the eastern third (Feature 9) yields metal, mortar, charcoal, glass, ceramic and stone. Excavation halted at this point to investigate the boundaries of Feature 9.

# **New Philadelphia Excavation Unit Summary Form**

## **Block 13 Lot 3**

Hilary Iden, Matthew Kane, Christina Puzzo, Jill Scott, Elizabeth Watts and Eva Pajuelo

### **Excavation Unit 2 (N75 E40)**

Archaeologists began the excavation of Block 13 Lot 3 Excavation Unit 2 to investigate the source of a soil anomaly detected by geophysical survey. They laid out Excavation Unit 2 on the edge of the anomaly. The team excavated Level A1 as a 0.5 ft arbitrary level. Level A1's average opening elevation is 770.3436 ft above median sea level (amsl) and average closing elevation is 770.0364 ft amsl. Level A1 is plow zone and is 10YR 4/2 (dark grayish brown) silty clay. Archaeologists encountered small gravel inclusions, areas of loose soil, and some bioturbation caused by modern plant roots and rodents. The team recovered artifacts from throughout the level, which included brick, ceramics, metal, slag/clinker, glass, a shell, slate, mortar and bone.

Archaeologists excavated Level A2 as a 0.5 ft arbitrary level. Level A2's average opening elevation is 770.0364 ft amsl and average closing elevation is 769.6116 ft amsl. Level A2 is plow zone and is 10YR 4/3 (brown) compact silty clay. The team encountered small gravel inclusions as well as some areas of loose soil caused by bioturbation. The artifact density increased in this level and artifacts were found throughout. Archaeologists recovered bone, shell, brick, clinker/slag, metal, ceramic, glass, and a tooth.

*"I don't know a lot about glass, but there seems to be many different kinds of it here. I might think this place, based on glass, ceramics, etc., to be a kitchen or maybe a cellar."*

- Hilary Iden [UIUC student]

Archaeologists excavated Level A3 as a 0.5 ft arbitrary level. Level A3's average opening elevation is 769.6116 ft amsl and average closing elevation is 769.1000 ft amsl. Level A3 is a buried plow zone and is mottled: 10YR 4/3 (brown) 75% and 10YR 7/6 (yellow) 25% silty clay. The team encountered small inclusions of rock throughout the level. Archaeologists recovered artifacts from throughout the level including brick, glass, ceramic, metal, slate, bone, clinker/slag, limestone, a tooth, and charcoal.

*"A little while later while we were sifting, Matt found a barrett and then, Hilary found a spoon."*

- Jill Scott [UIUC student]

Archaeologists excavated Level A4 as a 0.5 ft arbitrary level. Level A4's average opening elevation is 769.1000 ft amsl and average closing elevation is 768.7984 ft amsl. Level A4 is a buried plow zone and is mottled: 10YR 4/3 (brown) 75% and 10YR 5/4 (yellowish brown) 25%. Archaeologists recovered artifacts from throughout the level including brick, bone,

clinker/slag, metal, charcoal, glass, ceramic, wood and miscellaneous stone. At the base of Level A4, archaeologists discontinued excavations due to the low density of artifacts, soil color and texture, and absence of detectable features. The team profiled the south, east, and north walls.

*“All afternoon, I dug and sifted in search of a feature, but we weren’t very successful.”*

- Jill Scott [UIUC student]

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**BLOCK 13 LOT 3  
EXCAVATION UNIT 2 (N75 E40)**

<b>MEGA STRAT</b>	<b>LEVEL</b>	<b>STRATUM</b>	<b>MUNSELL</b>	<b>TEXTURE</b>	<b>OPENING ELEV. AMSL</b>	<b>CLOSING ELEV. AMSL</b>	<b>DESCRIPTION</b>
I	A1	SOD LAYER/ PLOW ZONE	10 YR 4/2	SILTY CLAY	770.3436 ft	770.0364 ft	Located in the topsoil, Level A1 yielded brick, ceramics, metal, slag/clinker, glass, a shell, slate, mortar and bone.
I	A2	PLOW ZONE	10YR 4/3	SILTY CLAY	770.0364 ft	769.6116 ft	Level A2 is plow zone. Artifact density increases in this level. Artifacts were recovered throughout the level, including bone, shell, brick, clinker/slag, metal, ceramic, glass, and a tooth.
I	A3	BURIED PLOW ZONE	MOTTLED: 10 YR 4/3 10YR 7/6	SILTY CLAY	769.6116 ft	769.1000 ft	Level A3 is a buried plow zone. Artifact density increases in this level and recovered artifacts include brick, glass, ceramic, metal, slate, bone, clinker/slag, limestone, a tooth, and charcoal.
I	A4	BURIED PLOW ZONE	MOTTLED: 10YR 4/3 10YR 5/4	SILTY CLAY	769.1000 ft	768.7984 ft	Artifacts recovered include brick, bone, clinker/slag, metal, charcoal, glass, ceramic, wood and miscellaneous stone. Excavation of unit one has terminated at this time due to decreasing artifact density and lack of features.

# **New Philadelphia Excavation Unit Summary Form**

## **Block 13 Lot 3**

Hilary Iden, Matthew Kane, Christina Puzzo, Jill Scott, Elizabeth Watts and Eva Pajuelo

### **Excavation Unit 3 (N75 E35)**

Archaeologists began the excavation of Block 13 Lot 3 Excavation Unit 3 to continue the investigation of the source of a soil anomaly detected by geophysical survey. They excavated Level A1 as a 0.5 ft arbitrary level. Level A1's average opening elevation is 770.2038 ft above median sea level (amsl) and average closing elevation is 769.8902 ft amsl. Level A1 is plow zone and is 10YR 4/2 (dark grayish brown) compact silty clay. Archaeologists encountered small gravel inclusions, areas of loose soil, and some bioturbation caused by modern plant roots and rodents. The team recovered artifacts from throughout the level, which included brick, ceramics, metal, glass, shell, clinker/slag and bone.

*"We didn't find much since it was just the sod and A1 layers."*

- Jill Scott [UIUC student]

Archaeologists excavated Level A2 as a 0.5 ft arbitrary level. Level A2's average opening elevation is 769.8902 ft amsl and average closing elevation is 769.3942 ft amsl. Level A2 is plow zone and is 10YR 4/2 (dark grayish brown) compact silty clay. The team encountered small gravel inclusions as well as some areas of loose soil caused by bioturbation. Archaeologists recovered artifacts from throughout the level including bone, shell, clinker/slag, metal, ceramic, glass, and miscellaneous stone.

Archaeologists excavated Level A3 as a 0.5 arbitrary level. Level A3's average opening elevation is 769.3942 ft amsl and average closing elevation is 769.0432 ft amsl. Level A3 is a buried plow zone and is mottled: 10YR 4/2 (dark grayish brown) 75% and 10YR 7/6 (yellow) 25% silty clay. Archaeologists recovered artifacts from throughout the level including brick, glass, ceramic, metal, bone, clinker/slag, and mortar. The team noticed a higher density of large metal artifacts.

*"Forgot I found a really neat buckle of some sort."*

- Hilary Iden [UIUC student]

Archaeologists excavated Level A4 as a 0.5 ft arbitrary level. Level A4's average opening elevation is 769.0432 ft amsl and average closing elevation is 768.8866 ft amsl. Level A4 is a buried plow zone and is mottled: 10YR 4/2 (dark grayish brown) 75% and 10YR 7/6 (yellowish brown) 25%. Archaeologists recovered artifacts from throughout the level including brick, bone, clinker/slag, metal, charcoal, glass, ceramic, and slate. Archaeologists discontinued excavation due to decreasing artifact density and lack of archaeological features. The team took two core samples at the base of this level that showed the compact silty clay layer continuing for

another foot. There were no cultural artifacts or evidence of activity within these two core samples. Archaeologists profiled the south, west, and north walls.

*“We did find a really neat metal piece. We’re not exactly sure what it is, but one has been found on another one of the Blocks.”*

- Hilary Iden [UIUC student]

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**BLOCK 13 LOT 3  
EXCAVATION UNIT 3 (N75 E35)**

<b>MEGA STRAT</b>	<b>LEVEL</b>	<b>STRATUM</b>	<b>MUNSELL</b>	<b>TEXTURE</b>	<b>OPENING ELEV. AMSL</b>	<b>CLOSING ELEV. AMSL</b>	<b>DESCRIPTION</b>
I	A1	SOD LAYER/ PLOW ZONE	10 YR 4/2	SILTY CLAY	770.2038 ft	769.8902 ft	Located in the topsoil, Level A1 yielded brick, ceramics, metal, glass, shell, clinker/slag and bone.
I	A2	PLOW ZONE	10YR 4/2	SILTY CLAY	769.8902 ft	769.3942 ft	Level A2 is plow zone.. Artifacts were recovered throughout the level, including bone, shell, clinker/slag, metal, ceramic, glass, and miscellaneous stone.
I	A3	BURIED PLOW ZONE	MOTTLED: 10 YR 4/2 10YR 7/6	SILTY CLAY	769.3942 ft	769.0432 ft	Level A3 is a buried plow zone. Archaeologists recovered artifacts from throughout the level including brick, glass, ceramic, metal, bone, clinker/slag, and mortar
I	A4	BURIED PLOW ZONE	MOTTLED: 10YR 4/2 10YR 7/6	SILTY CLAY	769.04321 ft	768.8866 ft	Artifacts recovered include brick, bone, clinker/slag, metal, charcoal, glass, ceramic, and slate. Core samples taken revealed no change in soil consistency or artifacts, so excavation was terminated at this time.

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### **Excavation Unit 4 (N80 E10)**

Archaeologists began the excavation of Block 13 Lot 3 Excavation Unit 4 to define the borders of Feature 9 first encountered in Excavation Unit 1. Excavation Unit 4 was placed north of Excavation Unit 1. They excavated Level A1 as a 0.5 ft arbitrary level. Level A1's average opening elevation is 769.349 ft above median sea level (amsl) and average closing elevation is 769.0516 ft amsl. Level A1 is plow zone and is 10YR 4/2 (dark grayish brown) compact silty clay. Archaeologists encountered small gravel inclusions and heavy bioturbation caused by modern plant roots and rodents. The team recovered artifacts from throughout the level including brick, ceramics, metal and glass.

*“Team V decided to excavate north of EU 1 hopeful that we could define the mottling found approximately 1.0 ft down in EU 1.”*

- Elizabeth Watts [UIUC student]

Archaeologists began excavating Level A2 as a 0.5 ft arbitrary level. Level A2's average opening elevation is 769.0516 ft amsl and average closing elevation is 768.6244 ft amsl. Level A2 is plow zone and is 10YR 3/2 (very dark grayish brown) compact silty clay. The team encountered small gravel inclusions as well as some areas of loose soil caused by heavy bioturbation. Archaeologists recovered artifacts from the east side of the unit including bone, metal, ceramic, glass, leather and miscellaneous stone. At the base of Level A2, archaeologists identified Feature 9 in the east half of Excavation Unit 4. The team mapped Feature 9 on the plan view and profiled the east and west walls.

*“While Christina was in the middle of some final shovel scraping, I noticed a very clear soil stain.”*

- Elizabeth Watts [UIUC student]

### **Feature 9**

Feature 9 is characterized by a soil color change. The well-defined western edge of the feature is mottled: 10YR 3/1 (very dark gray) 50% and 10YR 5/8 (yellowish brown) 50% silty clay. Outside the well-defined edge is exists a less well-defined edge that is mottled 10 YR 3/3 (dark brown) 50% and 10YR 5/8 (dark brown) 50% silty clay. The outer portion is defined by a higher density of charcoal and cultural materials. The surrounding matrix is 10YR 3/3 (dark brown) silty clay and yielded no artifacts. Feature 9's dimensions in Excavation Unit 4 are 2.6 ft by 5.0 ft. Feature 9 extends into the east and north walls.

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**BLOCK 13, LOT 3  
EXCAVATION UNIT 4 (N80 E10)**

<b>MEGA STRAT</b>	<b>LEVEL</b>	<b>STRATUM</b>	<b>MUNSELL</b>	<b>TEXTURE</b>	<b>OPENING ELEV. AMSL</b>	<b>CLOSING ELEV. AMSL</b>	<b>DESCRIPTION</b>
I	A1	SOD LAYER/ PLOW ZONE	10 YR 4/2	SILTY CLAY	769.349 ft	769.0516 ft	Located in the topsoil, Level A1 yielded brick, ceramics, metal and glass.
I	A2	PLOW ZONE	10YR 3/2	SILTY CLAY	769.0516 ft	768.6244 ft	Level A2 is plow zone. Artifacts were recovered throughout the level, including bone, metal, ceramic, glass, leather and miscellaneous stone. Excavation of this level was halted upon the appearance of the top of Feature 9 in the east half of the unit.

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### **Excavation Unit 5 (N85 E10)**

Archaeologists began the excavation of Block 13 Lot 3 Excavation Unit 5 to define the boundaries of Feature 9. Excavation Unit 5 is north of Excavation Unit 4. The unit is a 2.5 ft by 5.0 ft excavation unit. The team excavated Level A1 as a 0.5 ft arbitrary level. Level A1's average opening elevation is 769.4098 ft above median sea level (amsl) and average closing elevation is 769.1198 ft amsl. Level A1 is plow zone and is 10YR 4/2 (dark grayish brown) compact silty clay. Archaeologists encountered small gravel inclusions and heavy bioturbation caused by modern plant roots and rodents. The team recovered artifacts from throughout the level including brick, ceramics, metal, slate and glass.

*"I made it through A1 today, but no sign of feature yet."*

- Matthew Kane [UIUC student]

Archaeologists began excavating Level A2 as a 0.5 ft arbitrary level. Level A2's average opening elevation is 769.1198 ft amsl and average closing elevation is 768.5842 ft amsl. Level A2 is plow zone and is 10YR 4/2 (dark grayish brown) loamy clay that retained moisture. The team encountered small gravel inclusions as well as some areas of loose soil caused by heavy bioturbation. Archaeologists recovered artifacts from the east side of the unit including ceramics, metal, brick, glass, clinker/slag, and slate. The team noticed that several pieces of melted glass. At the base of Level A2, archaeologists identified Feature 9 in the east half of Excavation Unit 4. The team mapped the Feature in Level A2's plan view and profiled the north, south, and west walls.

*"The metal turned out to be a large rectangular piece of a door."*

- Matthew Kane [UIUC student]

### **Feature 9**

Feature 9 is characterized by a change in soil color in the east half of Excavation Unit 5. The well-defined western edge of the feature is mottled: 10YR 4/2 (dark grayish brown) 50% and 10YR 5/8 (yellowish brown) 50% loamy clay. The soil on top of the feature yielded a high density of artifacts. Large mortar inclusions are visible in the plan view of this feature. The surrounding matrix is 10YR 3/3 (dark brown) silty clay and yielded no artifacts. Feature 9's dimensions in Excavation Unit 5 are 2.3 ft by 5.0 ft. As the feature extends north, it tapers to 1.1 ft from the east wall. Feature 9 extends into the south, east, and north walls.

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**BLOCK 13 LOT 3  
EXCAVATION UNIT 5 (N85 E10)**

<b>MEGA STRAT</b>	<b>LEVEL</b>	<b>STRATUM</b>	<b>MUNSELL</b>	<b>TEXTURE</b>	<b>OPENING ELEV. AMSL</b>	<b>CLOSING ELEV. AMSL</b>	<b>DESCRIPTION</b>
I	A1	SOD LAYER/ PLOW ZONE	10 YR 4/2	SILTY CLAY	769.4098 ft	769.1198 ft	Located in the topsoil, Level A1 yielded brick, ceramics, metal, slate and glass.
I	A2	PLOW ZONE	10YR 4/2	LOAMY CLAY	769.1198 ft	768.5842 ft	Level A2 is plow zone. Artifacts were recovered throughout the level, including ceramic, metal, brick, glass, clinker/slag, and slate. Excavation of this level was halted upon the appearance of the top of Feature 9 in the east half of the unit.

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**Block 13 Lot 3**

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**Excavation Unit 6 (N70 E10)**

Archaeologists began the excavation of Block 13 Lot 3 Excavation Unit 6 to define the borders of Feature 9. Excavation Unit 5 is south of Excavation Unit 1 so as to encounter the feature as it extends south. Excavation Unit 5 is a 2.5 ft by 5.0 ft unit. The team excavated Level A1 as a 0.5 ft arbitrary level. Level A1's average opening elevation is 769.2658 ft above median sea level (amsl) and average closing elevation is 768.8372 ft amsl. Level A1 is plow zone and is 10YR 3/3 (dark brown) compact silty clay. Archaeologists encountered small gravel inclusions and heavy bioturbation caused by modern plant roots and rodents. The team recovered artifacts from throughout the level including ceramics, metal, and glass.

Archaeologists began excavating Level A2 as a 0.5 ft arbitrary level. Level A2's average opening elevation is 768.8372 ft amsl and average closing elevation is 768.4898 ft amsl. Level A2 is plow zone and is 10YR 3/3 (dark brown) compact silty clay. The team encountered some areas of loose soil caused by heavy bioturbation. Archaeologists recovered artifacts from throughout the unit including ceramics, metal, brick, glass, clinker/slag, mortar, bone, charcoal, and slate. The team discontinued excavation when they identified Feature 9 at the base of Level A2. The feature encompasses the entirety of the unit. They mapped the feature in the plan view of Level A2 and profiled the south and east walls.

**Feature 9**

Feature 9 is characterized by a change in soil color. The feature is mottled: 10YR 4/3 (brown) 50% and 10YR 5/8 (yellowish brown) 50% silty clay. The soil on top of the feature produced a high density of artifacts including large metal pieces and charcoal. The surrounding matrix is 10YR 4/3 (brown) silty clay and yielded no artifacts. Feature 9 extends into the south, east, west, and north walls. Feature 9's dimensions in Excavation Unit 6 are 2.5 ft by 5.0. Feature 9 extends into the north, south, east and west walls.

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**BLOCK 13 LOT 3  
EXCAVATION UNIT 6 (N70 E10)**

<b>MEGA STRAT</b>	<b>LEVEL</b>	<b>STRATUM</b>	<b>MUNSELL</b>	<b>TEXTURE</b>	<b>OPENING ELEV. AMSL</b>	<b>CLOSING ELEV. AMSL</b>	<b>DESCRIPTION</b>
I	A1	SOD LAYER/ PLOW ZONE	10 YR 3/3	SILTY CLAY	769.2658 ft	768.8372 ft	Located in the topsoil, Level A1 yielded ceramics, metal, and glass.
I	A2	PLOW ZONE	10YR 3/3	SILTY CLAY	768.8372 ft	768.4898 ft	Level A2 is plow zone. Artifacts were recovered throughout the level, including ceramic, metal, brick, glass, clinker/slag, mortar, bone, charcoal and slate. Excavation of this level was halted upon the appearance of the top of Feature 9, encompassing the entirety of the unit.

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**Excavation Unit 7 (N85 E7.5)**

Archaeologists began the excavation of Block 13 Lot 3 Excavation Unit 7 to define the boundaries of Feature 9. Excavation Unit 7 is west of Excavation Unit 5. Excavation Unit 7 is a 2.5 ft by 5.0 ft unit. The team excavated Level A1 as a 0.5 ft arbitrary level. Level A1's average opening elevation is 769.414 ft above median sea level (amsl) and average closing elevation is 769.0248 ft amsl. Level A1 is plow zone and is 10YR 4/2 (dark grayish brown) compact silty clay. Archaeologists encountered small gravel inclusions and heavy bioturbation caused by rodents and modern plant material. The team recovered artifacts from throughout the level including ceramics, metal, a shell, and glass.

Archaeologists began excavating Level A2 as a 0.5 ft arbitrary level. Level A2's average opening elevation is 769.0248 ft amsl and average closing elevation is 768.6264 ft amsl. Level A2 is plow zone and is 10YR 4/2 (dark grayish brown) compact silty clay. Archaeologists recovered artifacts from throughout the level including glass, ceramics, slate, metal and bone. At the base of Level A2, the team concluded that Feature 9 did not continue into Excavation Unit 7. They profiled the west wall.

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**BLOCK 13, LOT 3  
EXCAVATION UNIT 7 (N85 E7.5)**

<b>MEGA STRAT</b>	<b>LEVEL</b>	<b>STRATUM</b>	<b>MUNSELL</b>	<b>TEXTURE</b>	<b>OPENING ELEV. AMSL</b>	<b>CLOSING ELEV. AMSL</b>	<b>DESCRIPTION</b>
I	A1	SOD LAYER/ PLOW ZONE	10YR 4/2	SILTY CLAY	769.414 ft	769.0248 ft	Located in the topsoil, Level A1 yielded ceramics, metal, shell and glass.
I	A2	PLOW ZONE	10YR 4/2	SILTY CLAY	769.0248 ft	768.6264 ft	Level A2 is plow zone. Artifacts were recovered throughout the level, including ceramic, metal, glass, bone, and slate. Excavation of this level was halted due to the absence of Feature 9.

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**Excavation Unit 8 (N70 E7.5)**

Archaeologists began the excavation of Block 13 Lot 3 Excavation Unit 8 to define the boundaries of Feature 9. Excavation Unit 8 is west of Excavation Unit 6 and south of Excavation Unit 1. Excavation Unit 8 is a 2.5 ft by 5.0 ft unit. The team excavated Level A1 as a 0.5 ft arbitrary level. Level A1's average opening elevation is 769.2120 ft above median sea level (amsl) and average closing elevation is 768.9224 ft amsl. Level A1 is plow zone and is 10YR 4/2 (dark grayish brown) compact silty clay. Archaeologists encountered small gravel inclusions and heavy bioturbation caused by modern plant roots and rodents. The team recovered artifacts from throughout the level including ceramics, metal, brick, mortar, clinker/slag, and glass.

Archaeologists began excavating Level A2 as a 0.5 ft arbitrary level. Level A2's average opening elevation is 768.9224 ft amsl and average closing elevation is 768.4826 ft amsl. Level A2 is plow zone and is 10YR 4/2 (dark grayish brown) compact silty clay. The team encountered some areas of loose soil caused by heavy bioturbation. Archaeologists recovered artifacts from throughout the unit including ceramic, metal, brick, glass, clinker/slag, bone, and one piece of plastic. The team discontinued excavation when they identified Feature 9 at the base of Level A2 along the east wall. The feature encompasses the entirety of the unit. They profiled the west wall.

*“First we found a whole metal plate that had openings for a doorknob and keyhole.”*

- Hilary Iden [UIUC student]

**Feature 9**

Feature 9 is characterized by a change in soil color. The feature is mottled: 10YR 4/2 (dark grayish brown) 50% and 10YR 5/8 (yellowish brown) 50% silty clay. The surrounding matrix is a uniform 10YR 4/3 (brown) silty clay and yielded no artifacts. Feature 9 extends into the north, east, and south walls.

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**BLOCK 13 LOT 3  
EXCAVATION UNIT 8 (N70 E 7.5)**

<b>MEGA STRAT</b>	<b>LEVEL</b>	<b>STRATUM</b>	<b>MUNSELL</b>	<b>TEXTURE</b>	<b>OPENING ELEV. AMSL</b>	<b>CLOSING ELEV. AMSL</b>	<b>DESCRIPTION</b>
I	A1	SOD LAYER/ PLOW ZONE	10YR 4/2	SILTY CLAY	769.2120 ft	768.9224 ft	Located in the topsoil, Level A1 yielded ceramics, metal, brick, mortar, clinker/slag, and glass.
I	A2	PLOW ZONE	MOTTLED: 10YR 4/2 10YR 5/8 AND 10YR 4/3	SILTY CLAY	768.9224 ft	768.4826 ft	Level A2 is plow zone. Artifacts were recovered throughout the level, including ceramic, metal, brick, glass, clinker/slag, bone and one piece of plastic. Excavation of this level was halted upon the appearance of the top of Feature 9.

**New Philadelphia  
Excavation Unit Summary Form**

**Block 13 Lot 3**

Hilary Iden, Matthew Kane, Christina Puzzo, Jill Scott, Elizabeth Watts and Eva Pajuelo

**Excavation Unit 9 (N90 E10)**

Archaeologists began the excavation of Block 13 Lot 3 Excavation Unit 9 to define the boundaries of Feature 9. Excavation Unit 9 is north of Excavation Units 7 and 5. The team excavated Level A1 as a 0.5 ft arbitrary level. Level A1's average opening elevation is 769.5922 ft above median sea level (amsl) and average closing elevation is 768.9292 ft amsl. Level A1 is plow zone and is 10YR 4/2 (dark grayish brown) compact silty clay. Archaeologists encountered small gravel inclusions and moderate bioturbation caused by modern plant roots and rodents. The team recovered artifacts from throughout the level including ceramics, metal, brick, bone, and glass.

Archaeologists began excavating Level A2 as a 0.5 ft arbitrary level. Level A2's average opening elevation is 768.9292 ft amsl and average closing elevation is 768.7840 ft amsl. Level A2 is plow zone and is 10YR 4/2 (dark grayish brown) compact silty clay. The team encountered some areas of loose soil caused by heavy bioturbation. Archaeologists recovered artifacts from throughout the unit including ceramics, metal, brick, glass, clinker/slag, and mortar. The team discontinued excavation when they identified Feature 9 in the east half of the base of Level A2. The team profiled the north, east, and west walls.

*“Christina and I are efficiently trading shoveling and screening for EU 9.”*  
- Jill Scott [UIUC student]

**Feature 9**

Feature 9 is characterized by a change in soil color. The feature is mottled: 10YR 4/3 (brown) 50% and 10YR 5/8 (yellowish brown) 50% silty clay. The soil on top of the feature produced a high density of artifacts including large metal pieces and charcoal. The surrounding matrix is 10YR 4/3 (brown) silty clay and yielded no artifacts. Feature 9 appears in the east half of Excavation Unit 9 and its dimensions are 1.2 ft by 5.0 ft. Feature 9 extends into the south, east, and north walls.

**NEW PHILADELPHIA, PIKE COUNTY, ILLINOIS  
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**BLOCK 13 LOT 3  
EXCAVATION UNIT 9 (N90 E 10)**

<b>MEGA STRAT</b>	<b>LEVEL</b>	<b>STRATUM</b>	<b>MUNSELL</b>	<b>TEXTURE</b>	<b>OPENING ELEV. AMSL</b>	<b>CLOSING ELEV. AMSL</b>	<b>DESCRIPTION</b>
I	A1	SOD LAYER/ PLOW ZONE	10YR 4/2	SILTY CLAY	769.5922 ft	768.9292 ft	Located in the topsoil, Level A1 yielded ceramics, metal, brick, bone, and glass.
I	A2	PLOW ZONE	MOTTLED: 10YR 4/2 10YR 5/8 AND 10YR 3/2	SILTY CLAY	768.9292 ft	768.7840 ft	Level A2 is plow zone. Artifacts were recovered throughout the level, including ceramic, metal, brick, glass, clinker/slag, and mortar. Excavation of this level was halted upon the appearance of the top of Feature 9 in the east half of the unit.

# New Philadelphia Excavation Unit Summary Form

## Block 13 Lot 3

Hilary Iden, Matthew Kane, Christina Puzzo, Jill Scott, Elizabeth Watts and Eva Pajuelo

### Excavation Unit 10 (N85 E15)

Archaeologists began the excavation of Block 13 Lot 3 Excavation Unit 10 to define the boundaries of Feature 9. Excavation Unit 10 is east of Excavation Units 7 and 5. The team excavated Level A1 as a 0.5 ft arbitrary level. Level A1's average opening elevation is 769.4972 ft above median sea level (amsl) and average closing elevation is 769.1242 ft amsl. Level A1 is plow zone and is 10YR 4/2 (dark grayish brown) compact silty clay. Archaeologists encountered small gravel inclusions and moderate bioturbation caused by modern plant roots and rodents. The team recovered artifacts from throughout the level including ceramics, metal, brick, mortar, and glass.

Archaeologists began excavating Level A2 as a 0.5 ft arbitrary level. Level A2's average opening elevation is 769.1242 ft amsl and average closing elevation is 768.6748 ft amsl. Level A2 is plow zone and is 10YR 4/2 (dark grayish brown) compact silty clay. The team encountered small gravel inclusions and moderate bioturbation caused by rodents. Archaeologists recovered artifacts from throughout the unit including ceramic, metal, brick, glass, clinker/slag, and mortar. The team discontinued excavation when they identified Feature 9 at the base of Level A2, encompassing the entirety of the unit. The team profiled the north, east, and south walls.

*"We found the most gorgeously stratified burn layer so on the last afternoon of the last day. Team V was reassured that we weren't entirely insane."*

- Elizabeth Watts [UIUC student]

*"The first core sample turned up more of the same – yellow clay, small bits of charcoal and corroded metal. We went one more core down and halfway thorough it was ash, rust, and then black soil. Burn layer?"*

- Christina Puzzo [UIUC student]

### Feature 9

Feature 9 is characterized by a change in soil color. The feature is mottled: 10YR 4/3 (brown) 50% and 10YR 5/8 (yellowish brown) 50% silty clay. Feature 9 encompasses the entirety of the unit and its dimensions are 5.0 ft by 5.0 ft. It extends into the north, south, west, and east walls. Archaeologists took two soil core samples at the base of the unit. Core Sample #1 indicated that the feature extended for 0.9 ft more below the floor of Excavation Unit 10. Core Sample #2 revealed a burn layer that exists below Feature 9.

**NEW PHILADELPHIA, PIKE COUNTY, ILLINOIS  
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**BLOCK 13 LOT 3  
EXCAVATION UNIT 10 (N85 E15)**

<b>MEGA STRAT</b>	<b>LEVEL</b>	<b>STRATUM</b>	<b>MUNSELL</b>	<b>TEXTURE</b>	<b>OPENING ELEV. AMSL</b>	<b>CLOSING ELEV. AMSL</b>	<b>DESCRIPTION</b>
I	A1	SOD LAYER/ PLOW ZONE	10YR 4/2	SILTY CLAY	769.4972 ft	769.1242 ft	Located in the topsoil, Level A1 yielded ceramics, metal, brick, mortar, and glass.
I	A2	PLOW ZONE	MOTTLED: 10YR 4/2 10YR 5/8	SILTY CLAY	769.1242 ft	768.6748 ft	Level A2 is plow zone. Artifacts were recovered throughout the level, including ceramic, metal, brick, glass, clinker/slag, and mortar. Excavation of this level was halted upon the appearance of the top of Feature 9.

**New Philadelphia  
Feature 9 Summary Form**

**Block 13 Lot 3**

Hilary Iden, Matthew Kane, Christina Puzzo, Jill Scott, Elizabeth Watts and Eva Pajuelo

**Excavation Units 1, 4, 5, 6, 8, 9, and 10**

Feature 9 is interpreted as being a fill layer that is highly mottled: 10YR 4/2 (dark grayish brown) 50% and 10YR 5/8 (yellowish brown) 50% silty clay. The soil of this feature is rich in cultural materials such as brick, mortar, charcoal, metal, glass, and ceramic. The eastern boundary of Feature 9 is partially defined. More archaeological excavation is needed to define the north, south, and west boundaries of Feature 9.

Two soil core samples were taken at the bottom of level A2 (top of Feature 9) in Excavation Unit 10. Core Sample #1 showed that the feature is a fill layer that extends another 0.9 ft below the floor of A2. Pieces of mortar and charcoal were at visible in the top of the core sample. The sample was highly mottled: 10YR 4/3 (brown) 50% and 10YR 7/6 (yellow) 50%.

Core Sample #2 was taken in the same spot as Core Sample #2 and exposed what appears to be a burn layer characterized by charcoal an ash. The soil at the top of the sample is 10YR 4/2 (dark grayish brown) mottled with black charcoal: 10YR 2/1 (black). The second layer is 10YR 4/3 (brown) silty clay mottled slightly with 10YR 5/6 (yellowish brown). The third layer is 10YR 4/3 (brown) silty clay mottled with 10YR 2/1 (black) charcoal. The fourth layer is red burn layer that is 5YR 4/6 (yellowish red). The fifth layer is ash and charcoal: 10YR 2/1 (black). The sixth layer is 10YR 4/2 (dark grayish brown) silty clay and 10YR 2/1 (black) charcoal. The seventh layer is 10YR 2/1 (black) charcoal. The eighth layer is another red burn area: 5YR 4/6 (yellowish red) The ninth layer is 10YR 3/1 (very dark gray) silty clay. The tenth layer is mottled: 10YR 4/2 (dark grayish brown) and 10YR 7/4 (very pale brown) silty clay. Profiles were drawn of both of the soil core samples.

# New Philadelphia Excavation Unit Summary Form

## Block 13 Lot 4

Maria Frias, Kyle Johnson, Gail Kirk, Leslie Salyers, Charles Williams, and Phil Millhouse

### Excavation Unit 1 (N105 E25)

Archaeologists began the excavation of Block 13 Lot 4 Excavation Unit 1 to investigate the source of the soil anomaly detected in the area identified by the geophysical survey. The team excavated Level A1 as a 0.5 ft arbitrary level. Level A1's average opening elevation is 768.066 ft above median sea level (amsl) and average closing elevation is 767.6164 ft amsl. Level A1 is plow zone and is 10YR 4/3 (brown) silty clay. The team recovered artifacts from throughout the level including glass, ceramic, metal, clinker/slag, shell, brick and a tooth.

*"My team opened up two units in Lot 4 to ground truth a rather large anomaly found during the geophysical survey. I'm really excited about our prospects."*

- Kyle Johnson [UIUC student]

Archaeologists excavated Level A2 as a 0.5 ft arbitrary level. Level A2's average opening elevation is 767.6164 ft amsl and average closing elevation is 767.0878 ft amsl. Level A2 plow zone and is mottled: 10YR 3/3 (dark brown) 50% and 10YR 4/4 (dark yellowish brown) 50% silty clay. Archaeologists found artifacts throughout the level that included clinker/slag, charcoal, coal, glass, brick, bone, mortar, ceramics, and metal.

Archaeologists began Level A3 as a 0.5 ft arbitrary level. Level A3's average opening elevation is 767.0878 ft amsl and average closing elevation is 766.5960 ft amsl. Level A3 is a fill layer and is mottled: 10YR 3/4 (dark yellowish brown) 50% and 10YR 3/2 (very dark grayish brown) 50% silty clay. Archaeologists noticed a strong distinction between the soil on the southern and northern halves of the unit. The southern half of the unit is more mottled with 10YR 3/2 (very dark grayish brown) and also contains a higher density of artifacts than the northern half. The team mapped in the plan view of Level A3 large inclusions of metal and limestone in the east half of the unit. The team recovered artifacts from throughout the level, mostly associated with the south half of the unit, including ceramics, glass, and metal.

*"We did find that using trowels in this soil works much better than shovels because they are better for cutting into it. The soil is really dry."*

- Gail Kirk [UIUC student]

Archaeologists began excavation of Level B1 as a 0.5 arbitrary level. Level B1's average opening elevation is 766.5960 ft amsl and average closing elevation is 766.0578. Level B1 is a fill layer with a surrounding matrix of subsoil. The subsoil is mottled: 10YR 5/6 (dark yellowish brown) 50% and 10YR 4/3 (brown) 50% silty clay. The team noticed a soil stain in the northwest quadrant of the unit that extends into the north and west wall which was later identified as a fill layer, and is mottled: 10YR 3/2 (very dark grayish brown) 50% and 10YR 5/6

(dark yellowish brown) 50% silty clay. The team also noticed large limestone inclusions in this level and mapped them on the Level B1 plan view. Archaeologists identified the stone inclusions as Feature 12. Archaeologists recovered artifacts from throughout the level including metal, ceramic, brick, mortar, glass, bone, clinker, charcoal, and a tooth. The team profiled the north, south, east and west walls.

The team decided to continue excavations in this unit to further examine Feature 12. Archaeologists began excavation of Level B2 as a 0.5 arbitrary level. Level B2's average opening elevation is 766.0578 ft amsl and average closing elevation is 765.4552. Level B2 is a fill layer and is mottled: 10YR 3/2 (very dark grayish brown) 50% and 10YR 5/6 (yellowish brown) 50% silty clay and ash. The fill layer is in the north half of the unit and continues into the east and west walls. The fill layer is surrounded by a matrix of 10YR 4/3 (brown) silty clay. Archaeologists screened these soils separately. Artifacts retrieved from the fill include metal, ceramic, glass, brick, and mortar. Artifacts retrieved from the surrounding matrix include brick, clinker/slag, mortar, ceramic, metal, glass, and slate. Feature 12 became highly defined in this level and appears to extend into the east, west and north walls of the unit. The team profiled the east, west, and south walls. Due to the end of the 2005 field school, Feature 12 could not be further explored.

## **Feature 12**

Feature 12 is a concentration of limestone rubble that is oriented in an east-west line in the north half of the unit. It is interpreted as being a foundation wall of a structure and the source of the soil anomaly detected in this area by geophysical survey. The dark soil stain archaeologists noticed above and surrounding the feature is the fill layer associated with the feature. Feature 12 extends 2.0 ft from the west wall and 1.7 ft from the north wall. There is a high concentration of historic artifacts associated with the fill layer surrounding the feature. The fill is 10YR 3/2 (very dark grayish brown) and 10YR 5/6 (yellowish brown) silty clay and ash with a surrounding matrix of 10YR 4/3 silty clay. The boundaries of this feature are not known at this time and the feature seems to extend into the east, west and north walls of the unit.

Upon the completion of level B2, a core sample was taken in the southeast quadrant of the unit. The core showed layers of organic fill and ash with charcoal and burned earth. This fill is interpreted as being from the burning of a structure.

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**BLOCK 13 LOT 4  
EXCAVATION UNIT 1 (N105 E25)**

<b>MEGA STRAT</b>	<b>LEVEL</b>	<b>STRATUM</b>	<b>MUNSELL</b>	<b>TEXTURE</b>	<b>OPENING ELEV. AMSL</b>	<b>CLOSING ELEV. AMSL</b>	<b>DESCRIPTION</b>
I	A1	SOD LAYER/ PLOW ZONE	10 YR 4/3	SILTY CLAY	767.3818 ft	767.6164 ft	Artifacts were recovered from throughout Level A1, including glass, ceramic, metal, clinker/slag, shell, brick and a tooth.
I	A2	PLOW ZONE	MOTTLED: 10YR 4/4 10YR 3/3	SILTY CLAY	767.6164 ft	767.0878 ft	Artifact density increases in Level A2, where the archaeologists recovered clinker/slag, charcoal, coal, glass, brick, bone, mortar, ceramic and metal.
I	A3	FILL LAYER	MOTTLED: 10 YR 3/2 10 YR 3/4	SILTY CLAY	767.0878 ft	766.5960 ft	Archaeologists recovered throughout the level including ceramics, glass, and metal.
I	B1	FILL LAYER AND SUBSOIL	MOTTLED: 10YR 5/6 10YR 4/3 10YR 3/2	SILTY CLAY	766.5960 ft	766.0578 ft	Artifacts were recovered from throughout the level including metal, ceramic, brick, mortar, glass, bone, clinker, charcoal, and a tooth. Feature 12 was first detected in this level in the north half of the unit.
I	B2	FILL LAYER	MOTTLED: 10YR 3/2 10YR 5/6 10YR 4/3	SILTY CLAY AND ASH	766.0578 ft	765.4552 ft	Archaeologists recovered artifacts from throughout the level including brick, clinker/slag, mortar, ceramic, metal, glass and slate.

**New Philadelphia  
Feature 12 Summary Form**

**Block 13 Lot 4**

Maria Frias, Kyle Johnson, Gail Kirk, Leslie Salyers, Charles Williams and Phil Millhouse

**Excavation Unit 1 (N105 E25)**

Feature 12 is a concentration of limestone rubble that is orientated in an east-west line and is interpreted as being a foundation wall of a structure and the source of the soil anomaly detected in the area by geophysical survey. In Excavation Unit 1, Feature 12 extends 2.0 ft from the west wall and 1.7 ft from the north wall. The dark soil stain archaeologists noticed above and surrounding the feature is the fill layer associated with the feature. There is a high concentration of historic artifacts associated with the fill layer surrounding the feature. The fill is 10YR 3/2 (very dark grayish brown) and 10YR 5/6 (yellowish brown) silty clay and ash with a surrounding matrix of 10YR 4/3 silty clay. Feature 12 is interpreted as possibly being the northern edge of a wall foundation detected further south in this lot, Feature 11. The boundaries of this feature are not known at this time and the feature seems to extend into the east, west, and north walls of the unit.

Upon the completion of level B2 in Excavation Unit 1 a core sample was taken in the southeast quadrant of the unit. The core showed layers of organic fill and ash with charcoal and burned earth. This fill is interpreted as being from the burning of a structure. Further excavations are necessary to determine the boundaries and true nature of this feature.

*“Figures that we find a foundation on the second to last day of excavation.”*

- Kyle Johnson [UIUC student]

**New Philadelphia  
Excavation Unit Summary Form**

**Block 13 Lot 4**

Maria Frias, Kyle Johnson, Gail Kirk, Leslie Salyers, Charles Williams and Phil Millhouse

**Excavation Unit 2 (N90 E15)**

Archaeologists began the excavation of Block 13 Lot 4 Excavation Unit 2 to investigate the source of a soil anomaly detected by geophysical survey. They excavated Level A1 as a 0.5 ft arbitrary level. Level A1's average opening elevation is 767.4080 ft above median sea level (amsl) and average closing elevation is 767.0374 ft amsl. Level A1 is plow zone and is mottled: 10YR 4/4 (dark yellowish brown) 50% and 10YR 3/2 (very dark grayish brown) 50% silty clay. The team recovered artifacts from throughout the level including metal, ceramic, shell, brick, mortar, glass, and clinker/slag.

*“Unit 2 uncovered a pretty concentrated line of rocks and artifacts in the northern half just under Level A1. There was a really large one in the northwest corner which we noticed first.”*

- Leslie Salyers [UIUC student]

Archaeologists excavated Level A2 as a 0.5 ft arbitrary level. Level A2's average opening elevation is 767.0374 ft amsl and average closing elevation is 766.6128 ft amsl. Level A2 is plow zone and is mottled: 10YR 3/2 (very dark grayish brown), 10YR 3/1 (very dark gray), and 10YR 6/6 (brownish yellow) silty clay. The team encountered areas of charcoal and ash throughout the level. They also noticed large inclusions of limestone in the north half of the unit. Archaeologists found artifacts throughout the level that included brick, glass, slag/clinker, ceramics, shell and metal.

Archaeologists excavated Level A3 as a 0.5 ft arbitrary level. Level A3's average opening elevation is 766.6128 ft amsl and average closing elevation is 766.3752 ft amsl. Level A3 is a fill layer and is mottled: 10YR 3/4 (dark yellowish brown) 50% and 2/1 (black) 50% silty clay. After excavating 0.2 ft of Level A3, archaeologists identified Feature 11 in the north half of the unit. Feature 11 is concentration of limestone. The team recovered artifacts from throughout the level including ceramics, mortar, brick, glass, slag/clinker, bone, a faunal tooth, and metal. The team collected representative samples of slag/clinker, mortar, and brick. The team profiled the north, south, and west walls.

*“Our unit is receiving increased attention and our southeastern artifacts are dwindling”*

- Maria Frias [UIUC student]

## **Feature 11**

Feature 11 is concentration of large pieces of limestone in the north half of Excavation Unit 2 Level A3. The feature extends into the north and east walls of the unit. In Excavation Unit 2, Feature 11 is 4.6 ft by 2.5 ft. This feature is interpreted as being associated with Feature 12, a possible foundation, uncovered in Excavation Unit 1. The soil associated with this feature is 10YR 3/4 (dark yellowish brown) and is slightly mottled with 10YR 2/1 (black) silty clay. The team mapped Feature 11 in the plan view of Level A3.

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**BLOCK 13 LOT 4  
EXCAVATION UNIT 2 (N90 E15)**

<b>MEGA STRAT</b>	<b>LEVEL</b>	<b>STRATUM</b>	<b>MUNSELL</b>	<b>TEXTURE</b>	<b>OPENING ELEV. AMSL</b>	<b>CLOSING ELEV. AMSL</b>	<b>DESCRIPTION</b>
I	A1	SOD LAYER/ PLOW ZONE	MOTTLED: 10YR 4/4 10YR 3/2	SILTY CLAY	767.408 ft	767.034 ft	Located in the topsoil, Level A1 yielded metal, ceramic, shell, brick, mortar, glass and clinker/slag. Artifacts are found throughout the level.
I	A2	PLOW ZONE	MOTTLED: 10YR 3/2 10YR 3/1 10YR 6/6	SILTY CLAY	767.034 ft	766.6128 ft	Level A2 is plow zone. Artifacts were recovered throughout the level, including brick, glass, slag/clinker, ceramics, shell and metal.
I	A3	PLOW ZONE	MOTTLED: 10 YR 3/4 10 YR 2/1	SILTY CLAY	766.6128 ft	766.3752 ft	Archaeologists recovered artifacts from throughout the level including ceramics, mortar, brick, glass, slag/clinker, bone, a tooth and metal. Excavation was halted upon the appearance of Feature 11 in the north half of the unit.

**New Philadelphia  
Excavation Unit Summary Form**

**Block 13 Lot 4**

Maria Frias, Kyle Johnson, Gail Kirk, Leslie Salyers, Charles Williams and Phil Millhouse

**Excavation Unit 3 (N90 E20)**

Archaeologists began the excavation of Block 13 Lot 4 Excavation Unit 3 to determine the boundaries of Feature 11, first encountered in Excavation Unit 2. Excavation Unit 3 was placed directly to the east of Excavation Unit 2. They excavated Level A1 as a 0.5 ft arbitrary level. Level A1's average opening elevation is 767.4986 ft above median sea level (amsl) and average closing elevation is 767.2276 ft amsl. Level A1 is plow zone and is 10YR 3/3 (dark brown) silty clay. The team recovered artifacts from throughout the level including metal, ceramic, shell, brick, mortar, glass and clinker/slag.

Archaeologists excavated Level A2 as a 0.5 ft arbitrary level. Level A2's average opening elevation is 767.2276 ft amsl and average closing elevation is 766.7038 ft amsl. Level A2 is plow zone and is 10YR 4/4 (dark yellowish brown) silty clay. Archaeologists also encountered charcoal inclusions. The team discontinued excavation with the identification of Feature 11 in the north half of the unit. Archaeologists found artifacts throughout the level that included brick, glass, slag/clinker, ceramics, mortar, bone, charcoal, shell, and metal. The team collected representative samples of brick, mortar, and clinker/slag. The team profiled the north, south, and east walls.

*"The new unit that we started yesterday is progressing nicely; we're approaching level on Level A2 . . . I'm anxious to get back to work."*

- Kyle Johnson [UIUC student]

**Feature 11**

Feature 11 is concentration of limestone first detected in Excavation Unit 2 Level A3. This feature extends into Excavation Unit 3 and is evident in the north half of the unit. The stones uncovered in level A2 are in line with those uncovered in Excavation Unit 2. In Excavation Unit 3, Feature 11 has dimensions of 5.0 ft by 2.5 ft. A high density of glass along the east wall is associated with the feature. Feature 11 is interpreted as being associated with Feature 12, a possible foundation, uncovered in Excavation Unit 1. The soil associated with this feature is 10YR 3/4 (dark yellowish brown) and is mottled with 10YR 3/2 (very dark grayish brown) silty clay. The feature appears to extend into the west, east, and north walls of the unit. Archaeologists mapped Feature 11 in the plan view of Level A2.

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**BLOCK 13 LOT 4  
EXCAVATION UNIT 3 (N90 E20)**

<b>MEGA STRAT</b>	<b>LEVEL</b>	<b>STRATUM</b>	<b>MUNSELL</b>	<b>TEXTURE</b>	<b>OPENING ELEV. AMSL</b>	<b>CLOSING ELEV. AMSL</b>	<b>DESCRIPTION</b>
I	A1	SOD LAYER/ PLOW ZONE	10YR 3/3	SILTY CLAY	767.4986 ft	767.2276 ft	Located in the topsoil, Level A1 yielded metal, ceramic, shell, brick, mortar, glass and clinker/slag. Artifacts are found throughout the level.
I	A2	PLOW ZONE	10YR 4/4	SILTY CLAY	767.2276 ft	766.7038 ft	Level A2 is plow zone. Artifacts were recovered throughout the level, including brick, glass, slag/clinker, ceramics, mortar, bone, charcoal, shell and metal. Representative samples were taken of brick, mortar, and clinker/slag. Excavation of this unit was halted upon the appearance of Feature 11 in the north half of the unit.



# **New Philadelphia Excavation Unit Summary Form**

## **Block 13 Lot 4**

Maria Frias, Kyle Johnson, Gail Kirk, Leslie Salyers, Charles Williams and Phil Millhouse

### **Excavation Unit 4 (N110 E25)**

Archaeologists began the excavation of Block 13 Lot 4 Excavation Unit 4 to continue the investigation of Feature 12 first detected in Excavation Unit 1. Excavation Unit 4 is north of Excavation Unit 1. They excavated Level A1 as a 0.5 ft arbitrary level. Level A1's average opening elevation is 767.9642 ft above median sea level (amsl) and average closing elevation is 767.7134 ft amsl. Level A1 is plow zone and is 10YR 3/4 (dark yellowish brown) silty clay with a northern and southern band of 10YR 4/4 (dark yellowish brown) silty clay. The team recovered artifacts from throughout the level including ceramic, glass, clinker/slag, charcoal, slate, shell, brick, mortar, and a faunal tooth.

*“Unit 4 was stunning. Large pieces of limestone were being uncovered as Charles and Gail took the unit down .5 feet.”*

- Maria Frias [UIUC student]

Archaeologists excavated Level A2 as a 0.5 ft arbitrary level. Level A2's average opening elevation is 767.7134 ft amsl and average closing elevation is 767.3164 ft amsl. Level A2 is plow zone and is 10YR 4/3 (brown) silty clay. Archaeologists found artifacts throughout the level including bone, metal, brick, mortar, ceramic, glass, clinker/slag and a tooth.

Archaeologists excavated Level A3 as a 0.5 ft arbitrary level. Level A3's average opening elevation is 767.3164 ft amsl and average closing elevation is 761.7622 ft amsl. Level A3 is a fill layer and is mostly 10YR 4/3 (brown). The team noticed the soil stain from Excavation Unit 1 extending into the southwest quadrant of Excavation Unit 4. Archaeologists detected and mapped two bands of soil with distinct color differences as B2 and B3 on the plan view of this level. Band B2 in the north band and is 10YR 4/6 (dark yellowish brown) with streaks of 10YR 3/6 (dark yellowish brown) and 10YR 2/2 (very dark brown) silty clay. Band B3 is the south band is 10YR 4/3 (brown) with streaks of 10YR 3/2 (very dark grayish brown) and 10YR 3/1 (very dark gray) silty clay. The team recovered artifacts from throughout the level including ceramics, mortar, brick, glass, slag/clinker, and metal.

Archaeologists excavated Level B1 as a 0.5 arbitrary level in only two portions of the unit, the northeast quadrant as well as a semi-circular area in the southwest portion of the unit where the soil stain is visible. The team did not excavate the remaining area of the unit. Level B1's average opening elevation is 767.3164 ft amsl and average closing elevation is 766.2700 ft amsl. Level B1 is subsoil and is 10YR 4/6 (dark yellowish brown) mottled with 10YR 7/6 (yellow) and 10YR 5/6 (yellowish brown) silty clay in the northeast quadrant. The southwest quadrant of the unit is a fill layer and is mottled: 10YR 4/4 (dark yellowish brown) 50% and

10YR 3/4 (dark yellowish brown) 50% silty clay. Archaeologists recovered artifacts from the southwest quadrant of the unit including mortar, limestone, metal, charcoal, glass, and bone. The team encountered a heavy concentration of limestone at the base of the level extending into Excavation Unit 1 and mapped it in the plan view. The team profiled the north, east, and west walls.

*“I came across a dark circular patch of soil, very clearly defined. Phil says this is either an animal burrow that was filled in, or it is from a small post or something. I think that it is an animal burrow because the farther down I went the more stretched out and angled it became.”*

- Gail Kirk [UIUC student]

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**BLOCK 13 LOT 4  
EXCAVATION UNIT 4 (N110 E25)**

<b>MEGA STRAT</b>	<b>LEVEL</b>	<b>STRATUM</b>	<b>MUNSELL</b>	<b>TEXTURE</b>	<b>OPENING ELEV. AMSL</b>	<b>CLOSING ELEV. AMSL</b>	<b>DESCRIPTION</b>
I	A1	SOD LAYER/ PLOW ZONE	10YR 4/4 AND 10YR 3/4	SILTY CLAY	767.9642 ft	767.7134 ft	Located in the topsoil, Level A1 yielded ceramic, glass, clinker/slag, charcoal, slate, shell, brick, mortar, and a tooth. Artifacts are found throughout the level.
I	A2	PLOW ZONE	10YR 4/3	SILTY CLAY	767.7134 ft	767.3164 ft	Level A2 is plow zone. Artifacts were recovered throughout the level, including bone, metal, brick, mortar, ceramic, glass, clinker/slag and a tooth.
I	A3	FILL LAYER	MATRIX: 10YR 4/3 BAND B2: 10YR 4/6 10YR 3/6 10YR 2/2 BAND B3: 10YR 4/3 10YR 3/2 10YR 3/1	SILTY CLAY	767.3134 ft	766.7622	Level A3 is a buried plow zone. Archaeologists recovered artifacts from throughout the level including ceramics, mortar, brick, glass, slag/clinker, and metal.
I	B1	SUB SOIL AND FILL LAYER	NE QUAD 10 YR 4/6 10YR 7/6 10YR 5/6 SW CORNER 10YR 4/4 10YR 3/4	SILTY CLAY	766.7622 ft	766.2700 ft	Archaeologists recovered artifacts from the southwest quadrant of the unit including mortar, limestone, metal, charcoal, glass, and bone.

**New Philadelphia  
Excavation Unit Summary Form**

**Block 13 Lot 4**

Maria Frias, Kyle Johnson, Gail Kirk, Leslie Salyers, Charles Williams, and Phil Millhouse

**Excavation Unit 5 (N95 E15)**

Archaeologists began the excavation of Block 13 Lot 4 Excavation Unit 5 to investigate the boundaries of Feature 11 first detected in Excavation Unit 2. Excavation Unit 5 is north of Excavation Unit 2. They excavated Level A1 as a 0.5 ft arbitrary level. Level A1's average opening elevation is 767.3770 ft above median sea level (amsl) and average closing elevation is 767.0556 ft amsl. Level A1 is plow zone and is mottled: 10YR 3/1 (very dark gray), 10YR 4/1 (dark gray), and 10YR 4/3 (brown) silty clay. The team recovered artifacts from throughout the level including metal, ceramic, shell, brick, glass and clinker/slag. Archaeologists collected a representative sample of brick.

Archaeologists excavated Level A2 as a 0.5 ft arbitrary level. Level A2's average opening elevation is 767.0556 ft amsl and average closing elevation is 766.6500 ft amsl. Level A2 is plow zone and is 10YR 3/3 (dark brown) silty clay slightly mottled with 10YR 4/3 (brown) and 10YR 7/2 (light gray) burned earth and ash. Archaeologists noticed inclusions of limestone that are not associated with Feature 11 to the south. The team recovered artifacts from throughout the level that included brick, glass, ceramic, metal, clinker/slag, and mortar. They collected a representative sample of brick.

*"They did not find any more of the large limestone pieces, so it is clear they go in a line. This means it is quite possibly part of a foundation."*

- Gail Kirk [UIUC student]

Archaeologists began Level A3 as a 0.5 ft arbitrary level. Level A3's average opening elevation is 766.6500 ft amsl and average closing elevation is 766.430 ft amsl. Level A3 is plow zone and is 10YR 3/2 (very dark grayish brown). The team recovered artifacts from throughout the level including metal, glass, clinker/slag, charcoal, ceramics, and brick. They collected a representative sample of brick. Archaeologists noticed large inclusions of not associated with Feature 11 and can be seen in the plan view of this level. After excavating 0.1 ft of Level A3, the team discontinued excavation due to lack of archaeological features. They profiled drawn the north, east, and west walls.

**NEW PHILADELPHIA, PIKE COUNTY, ILLINOIS  
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NSF-REU PROGRAM**

**BLOCK 13 LOT 4  
EXCAVATION UNIT 5 (N95 E15)**

<b>MEGA STRAT</b>	<b>LEVEL</b>	<b>STRATUM</b>	<b>MUNSELL</b>	<b>TEXTURE</b>	<b>OPENING ELEV. AMSL</b>	<b>CLOSING ELEV. AMSL</b>	<b>DESCRIPTION</b>
I	A1	SOD LAYER/ PLOW ZONE	MOTTLED: 10YR 3/1 10YR 4/1 10YR 4/3	SILTY CLAY	767.3770 ft	767.0556 ft	Located in the topsoil, Level A1 yielded metal, ceramic, shell, brick, glass and clinker/slag. Artifacts are found throughout the level.
I	A2	PLOW ZONE	MOTTLED: 10YR 3/3 10YR 4/3 10YR 7/2	SILTY CLAY	767.0556 ft	766.6500 ft	Level A2 is plow zone. Artifacts were recovered throughout the level, including brick, glass, ceramic, metal, clinker/slag, and mortar.
I	A3	PLOW ZONE	10YR 3/2	SILTY CLAY	766.6500 ft	766.4310 ft	Archaeologists recovered artifacts from throughout the level including metal, glass, clinker/slag, charcoal, ceramic and brick. Excavation was halted in this unit at this point.

**New Philadelphia  
Excavation Unit Summary Form**

**Block 13 Lot 4**

Maria Frias, Kyle Johnson, Gail Kirk, Leslie Salyers, Charles Williams and Phil Millhouse

**Excavation Unit 6 (N90 E10)**

Archaeologists began the excavation of Block 13 Lot 4 Excavation Unit 6 to determine the boundaries of Feature 11, first encountered in Excavation Unit 2. Excavation Unit 6 is west of Excavation Unit 2. They excavated Level A1 as a 0.5 ft arbitrary level. Level A1's average opening elevation is 767.2036 ft above median sea level (amsl) and average closing elevation is 766.9408 ft amsl. Level A1 is plow zone and is 10YR 3/2 (very dark grayish brown) silty clay. The team recovered artifacts from throughout the level including metal, ceramic, brick, and glass.

*“Unit 5 didn't follow the line of rubble uncovered in Units 2 and 3 . . . so Unit 6 is going to try and find the corner due to the fact that we are nearing the edge of the anomaly.”*

- Leslie Salyers [UIUC student]

Archaeologists excavated Level A2 as a 0.5 ft arbitrary level. Level A2's average opening elevation is 766.9408 ft amsl and average closing elevation is 766.4444 ft amsl. Level A2 is plow zone and is 10YR 3/4 (dark yellowish brown) silty clay. Archaeologists recovered artifacts throughout the level that included brick, glass, slag/clinker, ceramics, mortar, charcoal, and metal. The team collected representative samples of brick and mortar. At the base of Level A2, archaeologists encountered Feature 11 in the north half of Excavation Unit 6. They profiled north, south, and west walls.

**Feature 11**

Feature 11 is concentration of limestone first detected in Excavation Unit 2 Level A3. This feature extends into Excavation Unit 6 and is in the north half of the unit. The fieldstones uncovered in level A2 are a continuation of Feature 11 in Excavation Unit 2. In Excavation Unit 6, Feature 11 dimensions are 3.5 ft by 2.5 ft. Archaeologists interpreted a large fieldstone in the west half of the unit as possibly being a foundation corner stone. The team interpreted the feature as being the south wall of the possible foundation, Feature 12 encountered in Excavation Unit 1. Feature 11 is 10YR 3/4 (dark yellowish brown) and is mottled with 10YR 3/2 (very dark grayish brown) silty clay. The feature appears to extend into the east and north walls of the unit. The team mapped Feature 11 in the plan view of the base of Level A2.

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**BLOCK 13 LOT 4  
EXCAVATION UNIT 6 (N90 E10)**

<b>MEGA STRAT</b>	<b>LEVEL</b>	<b>STRATUM</b>	<b>MUNSELL</b>	<b>TEXTURE</b>	<b>OPENING ELEV. AMSL</b>	<b>CLOSING ELEV. AMSL</b>	<b>DESCRIPTION</b>
I	A1	SOD LAYER/ PLOW ZONE	10YR 3/2	SILTY CLAY	767.2036 ft	766.9408 ft	Located in the topsoil, Level A1 yielded metal, ceramic, brick, and glass. Artifacts are found throughout the level.
I	A2	PLOW ZONE	10YR 3/4	SILTY CLAY	766.9408 ft	766.4444 ft	Level A2 is plow zone. Artifacts were recovered throughout the level, including brick, glass, slag/clinker, ceramics, mortar, charcoal, and metal. Representative samples were taken of brick and mortar. Excavation of this unit was halted upon the appearance of Feature 11 in the north half of the unit.



**New Philadelphia  
Feature 11 Summary Form**

**Block 13 Lot 4**

Maria Frias, Kyle Johnson, Gail Kirk, Leslie Salyers, Charles Williams and Phil Millhouse

**Excavation Units 2, 3, and 6**

Feature 11 is a concentration of limestone first detected in Excavation Unit 2 Level A3. Excavations showed that the feature runs in a east-west straight line through units 2, 3, and 6. Feature 11 is the source of the soil anomaly detected in this area by geophysical survey. This feature is interpreted as being the southern part of a wall foundation, Feature 12, first discovered in Excavation Unit 1. In Excavation Unit 6, a large stone in the western portion of the unit is interpreted as possibly being a foundation corner stone. The team did not recover any artifacts associated with this feature. The soil surrounding the feature varies and ranges from 10YR 3/1 (very dark gray) to 10YR 4/3 (brown). The feature seems to extend into the north wall of Excavation Unit 6 as well as into the east wall of Excavation Unit 3. Due to the end of the field school, the boundaries of Feature 11 cannot be determined until further archaeological excavations.

*“The feature which is exposed in the southern block of units is quite interesting and appears to quite clearly be part of a house foundation.”*

- Charles Williams [UIUC student]