

FEATURE LOG

~~Eelgrass Mounds~~

Page _____ of _____

[illegible]

UNC-RLA.
SQUARE/LEVEL RECORD

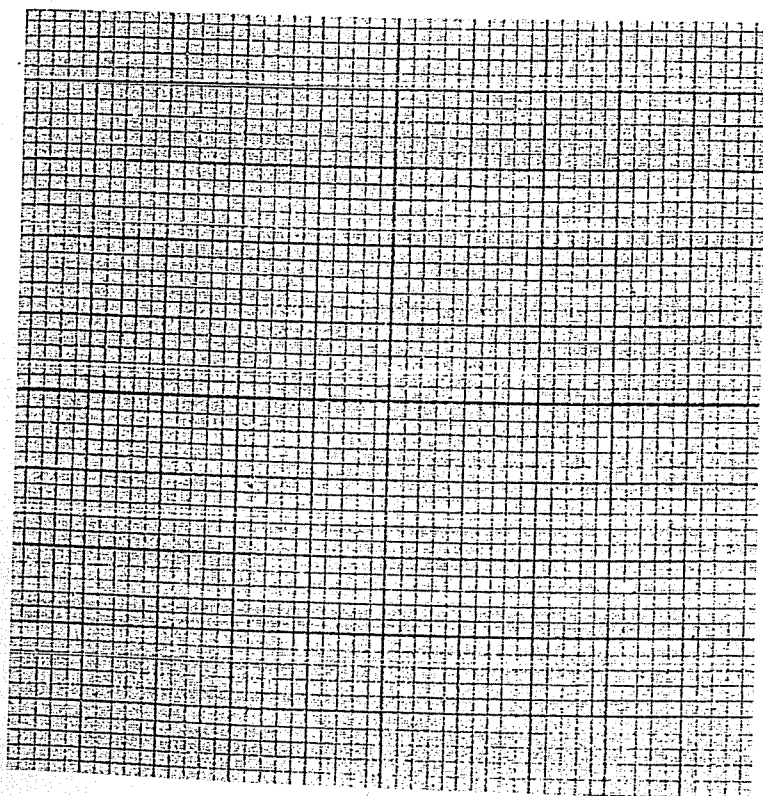
1. SITE: Pumpkin Lake 2. SQUARE: —
3. LEVEL/ZONE: 00 4. UNIT: 274 R 386
5. Level Depth: 0 6. Bag Numbers: —
7. Manner of Excavation: Shovel
8. Features Originating This Level: —
9. Field Specimen Numbers: —

10. Soils Descriptions:

<u>Color</u>	<u>Texture</u>	<u>Homogeneity</u>	<u>Inclusions</u>
A. _____	_____	_____	_____
B. _____	_____	_____	_____

11. NOTES Surface level:

Starting Elevations datum set at highest
point which was SE corner of unit,
NE: 19 cm SW: 30 cm
NW: 40 cm SE: 0 cm * datum



Key to Drawing

1. _____
2. _____
3. _____
4. _____
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6. _____
7. _____
8. _____
9. _____
10. _____

SCALE: _____

Observer: AC, KC, PV

Date: 5/28/13

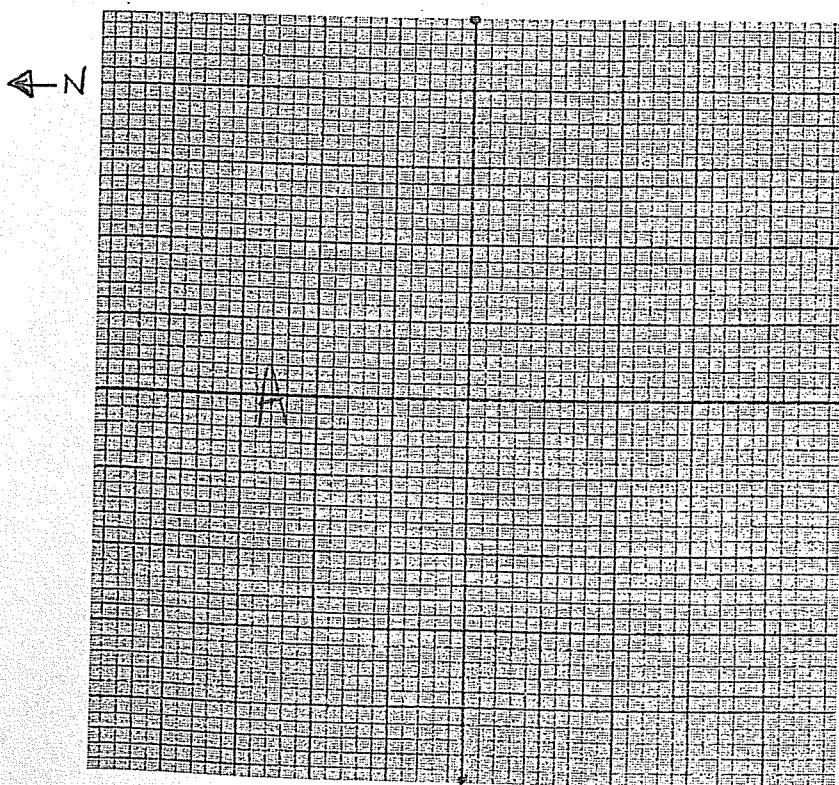
UNC-RLA.
SQUARE/LEVEL RECORD

1. SITE: Pumpkin Lake 2. SQUARE: —
 3. LEVEL/ZONE: 01 4. UNIT: 274 R 386
 5. Level Depth: 10 cm 6. Bag Numbers: —
 7. Manner of Excavation: Shovel
 8. Features Originating This Level: —
 9. Field Specimen Numbers: —

10. Soils Descriptions:

<u>Color</u>	<u>Texture</u>	<u>Homogeneity</u>	<u>Inclusions</u>
A. <u>10 YR 3/3 Dark Brown</u>	<u>Silty loam</u>	<u>homogenous</u>	<u>—</u>
B. <u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>

11. NOTES Surface level, Removing top 10 cm.
Datum SE corner of 1m x 1m unit.
Starting elevations:
NE: 9 cm SW: 30 cm
NW: 40 cm SE: 0 cm * Datum



Key to Drawing

1. —
2. —
3. —
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6. —
7. —
8. —
9. —
10. —

SCALE: —

Observer: AC, KE, AV

Date: 5/28/2013

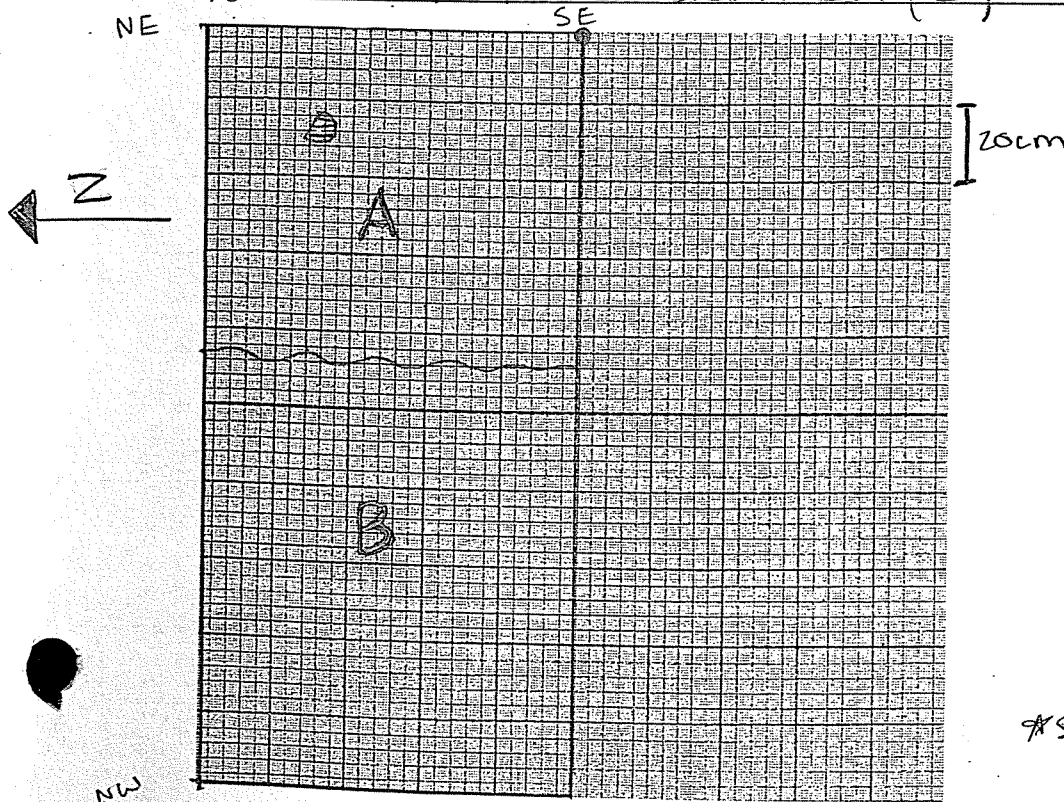
UNC-RLA.
SQUARE/LEVEL RECORD

1. SITE: Pumpkin Lake 2. SQUARE: _____
 3. LEVEL/ZONE: 2 4. UNIT: 274R386
 5. Level Depth: 45 cm 6. Bag Numbers: 51
 7. Manner of Excavation: Shovel, trowel
 8. Features Originating This Level: _____
 9. Field Specimen Numbers: _____

10. Soils Descriptions:

	<u>Color</u>	<u>Texture</u>	<u>Homogeneity</u>	<u>Inclusions</u>
A.	<u>10 YR 3/2</u> ^{very dark} <u>grayish brown</u>	<u>Silty Loam</u>	<u>homogeneous</u>	<u>Root, charcoal,</u> <u>burned earth</u>
B.	<u>10 YR 3/3</u> ^{dark} <u>Brown</u>	<u>Silty Loam</u>	<u>homogeneous</u>	

11. NOTES Level 2 contains pottery & debitage. Furthest to the East, the soil is a dark humic brown. Furthest to the West, the soil is a homogeneous reddish-brown. For the next Level (3), we plan to stratigraphically remove the reddish-brown soil (B).



Key to Drawing

1. Pottery Shard
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

SCALE: 1:4

**see back for final elevations.*

Observer: KE NE

Date: 5-28-13

NOTES

Final Elevations level 02:

SE: 54cm below datum

NE: 54cm bdl

NW: 55cm

SW: 54.5cm

UNC-RLA.
SQUARE/LEVEL RECORD

1. SITE: Pumpkin Lake 2. SQUARE: —
3. LEVEL/ZONE: 03 4. UNIT: 274 R386
Stratigraphically
5. Level Depth: 0-40 cm 6. Bag Numbers: 52
7. Manner of Excavation: trowel, shovel
8. Features Originating This Level: —
9. Field Specimen Numbers: —

10. Soils Descriptions:

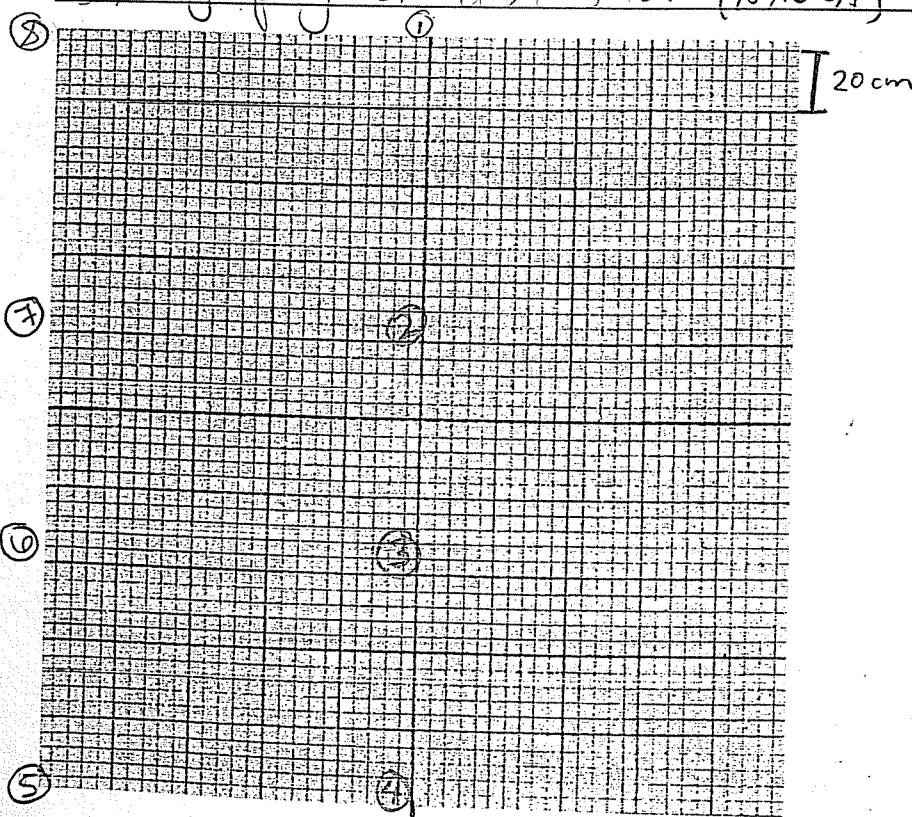
<u>Color</u>	<u>Texture</u>	<u>Homogeneity</u>	<u>Inclusions</u>
A. <u>7.5 YR 3/1 grey</u> <i>very dark (approaching black)</i>	<u>silty loam</u>	<u>homogenous</u>	<u>pieces of charcoal, burned earth, sherd's bone</u>
B. <u> </u>	<u> </u>	<u> </u>	<u> </u>

11. NOTES Starting Elevations

SE: 54 cmbd NW: 55 cmbd

NE: 54 cmbd SW: 54.5 cmbd

Level set to remove wedge of soil (10YR 3/3) following
Stratigraphy of dark soil (10YR 3/3) found in level 02.



Key to Drawing Final
slope elevations
of dark
stratigraphy

1. 54 cmbd
2. 52.5 cmbd
3. 72 cmbd
4. 81.5 cmbd
5. 96.5 cmbd
6. 73.5 cmbd
7. 57.5 cmbd
8. 54 cmbd

9.
10.

SCALE:

Observer: AC

Date: 05/28/13

Final Elevations: below datum

SE: } see other side key
NE: }
NW: }
SW: }

- Following ^{the} stratigraphy of the dark soil in western portion of unit, found a high density of artifacts (large potsherds, rim sherds, Marksville incised, flecks of bone, large amount of charcoal, burned earth, projectile point) particularly in the 3 cm above the beginning of the dark soil and even in the floor of the level. The dark soil extends across the floor of the unit sloping drastically towards the west end has mottling throughout. This dark soil does connect with the dark lens found in the eastern profile of 275 R 384. A working hypothesis for this dark soil is that it may have been redeposited midden fill or just midden fill deposited off the mound. An additional hypothesis is that the dark soil represents a constructed floor based on the presence of a homogenous soil color with a high density of charcoal and possible pit feature in south/western portion of the unit.
- the dark level also slopes to the north.
- A large pot sherd was removed from the eastern profile wall of unit 275 R 384.

- In the Eastern edge of the unit we dug through nearly 15 cm of this deposit as part of Level 2.

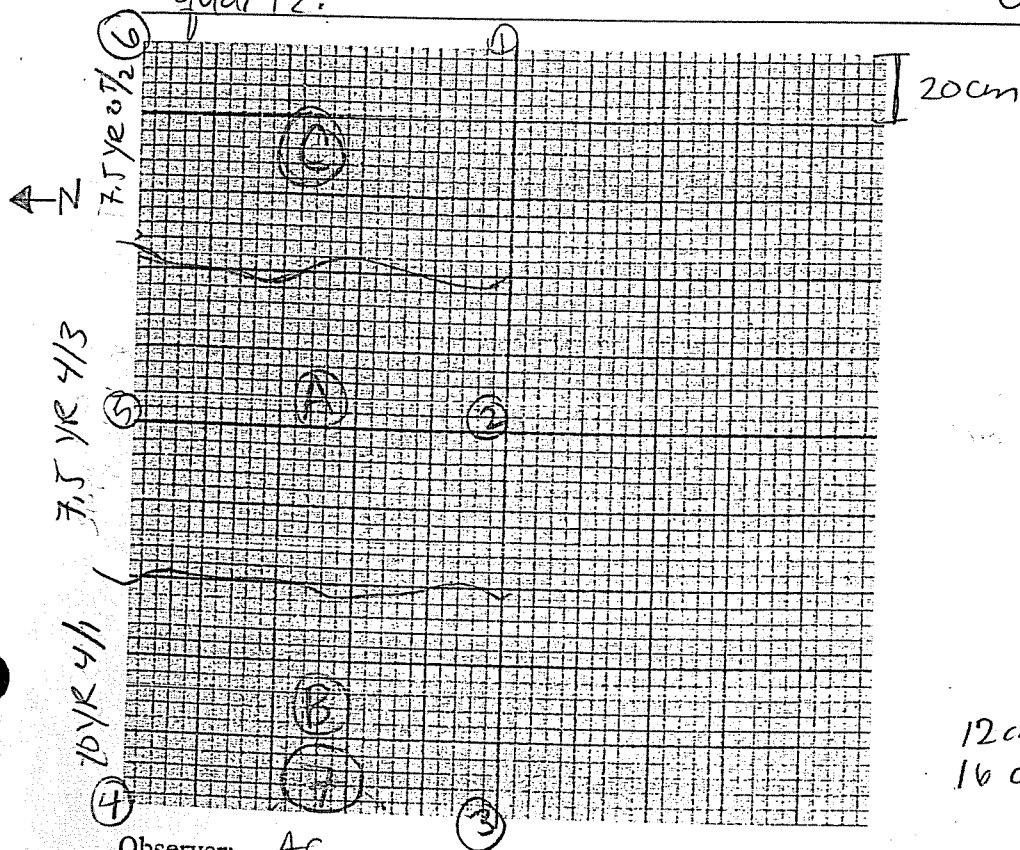
UNC-RLA.
SQUARE/LEVEL RECORD

1. SITE: Pumpkin Lake 2. SQUARE: —
3. LEVEL/ZONE: 04 4. UNIT: 274 R 386
5. Level Depth: Stratigraphically 2-10 cm 6. Bag Numbers: 53-61
7. Manner of Excavation: Trowel
8. Features Originating This Level: —
9. Field Specimen Numbers: —

10. Soils Descriptions:

	<u>Color</u>	<u>Texture</u>	<u>Homogeneity</u>	<u>Inclusions</u>
C. 7.5 YR 2.5/2	very dark brown	silty loam	homogeneous	mottling
A. 7.5 YR 4/3	brown	silty loam	homogeneous	—
B. 10 YR 4/1	Dark grey	silty loam	homogeneous	charcoal, clay

11. NOTES Removal of dark strata (middens?) redigging stratigraphically. Removed soil to water screen. Finding vast amounts of artifacts including bone charcoal, pottery, flakes, Mica, clay balls, white clay and quartz.



Key to Drawing Final Slope Elevations:

- 56 cm bd
- 68 cm bd
- 95 cm bd
- 107 cm bd
- 74 cm bd
- 65 cm bd
- white clay patch
-
-
-

SCALE: —

12 cm NS } Dimension of
16 cm EW } white clay patch

Observer: AC

Date: 5/29/13

Starting Elevations:

NE: 54cm NW: 96.5cm bd
SE: 54cm SW: 81.5cm bd

Final Elevations: L4:

NE: NW:

SE: SW:

} see front

Divided level into 4 and 4b:

Beginning elevations for 4b:

SE corner: 55cm bd

NW: 99cm bd

1m mark on South wall: 60cm bd

1m. mark on N wall.

SW corner: 90cm

NE: 63cm

- 4b distinguished to separate transition period out of dark strata to strata below. Wanted to bag artifacts separately from middle of midden to phasing out of midden. Soil from 4b still being water screened. 4b revealed very few artifacts and is likely just manfill started by its proximity to the midden. 4b should be bigger with level of inclusion removed based on its soil and lack of artifacts.

- Midden was removed across entire unit.

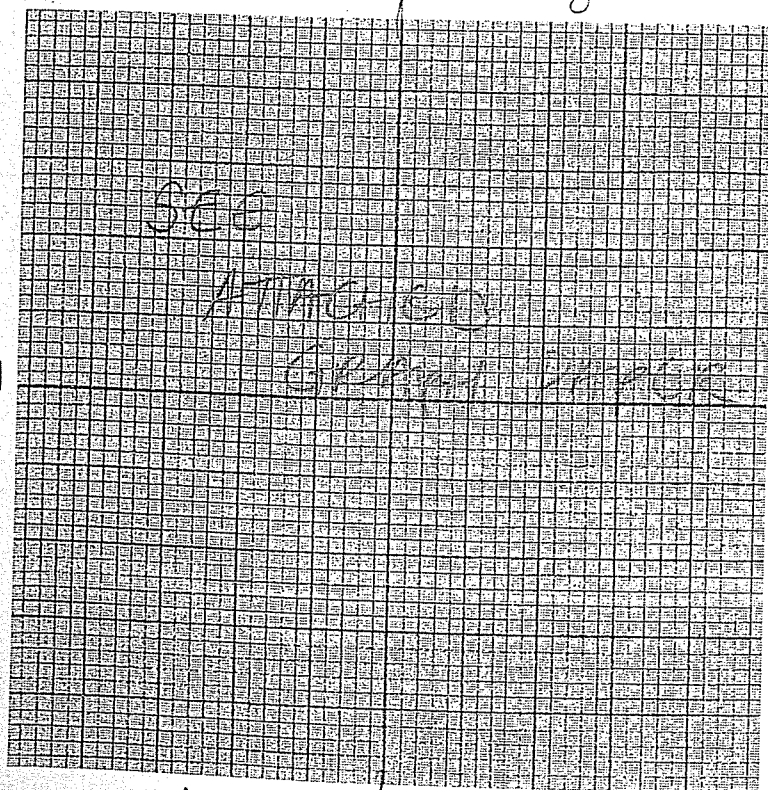
UNC-RLA,
SQUARE/LEVEL RECORD

1. SITE: Pumpkin Lake 2. SQUARE: —
3. LEVEL/ZONE: 05 4. UNIT: 274 R386
5. Level Depth: Stratigraphically to remove zone AYB-117cm bd 6. Bag Numbers: 66-70
7. Manner of Excavation: Trowel shovel
8. Features Originating This Level: Feature 1
9. Field Specimen Numbers: —

10. Soils Descriptions:ColorTextureHomogeneityInclusions

- A. SEE ATTACHED graph paper
- B. —

11. NOTES This level was set to remove the strata of soil (probably moundfill) in between the above midden (level 04) and the buried A horizon. Based on the east profile wall of 274 R384 we decided to dig from west to east moving

Key to Drawing

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10. —
- SCALE: —

Observer: ACDate: 5/30/2013

NOTES

in from the profile wall removing the centimeters of soil above the A horizon. We moved west to east along the unit in 50 cm increments hoping to follow closely above the A by creating profile walls at each increment.

- In first increment (50 cm) profile wall, saw a very distinct soil transition between a brown / reddish soil (10YR 4/3) and a dark, artifact rich (bone, ceramics, lithics) strata. ^(10YR 3/2) Decided to divide the rest of the unit (1m x 1m) into two zones (A+B) and dig stratigraphically, to separate / screen separately.
- Separate bag no. were given to Zone A, Zone B, and bags for the transition strata between the two, and a bag for the western portion (1m x 1m) of the unit where the zones were combined.
- Zone A was mostly reddish soil w/ very few artifacts but Zone B was excavated w/ a few centimeters of Zone A transition material (~3-5 cm).
- Bone artifacts were found pretty evenly distributed across Zone B, particularly in the final centimeters (110-117 cm) above the transition to buried A.

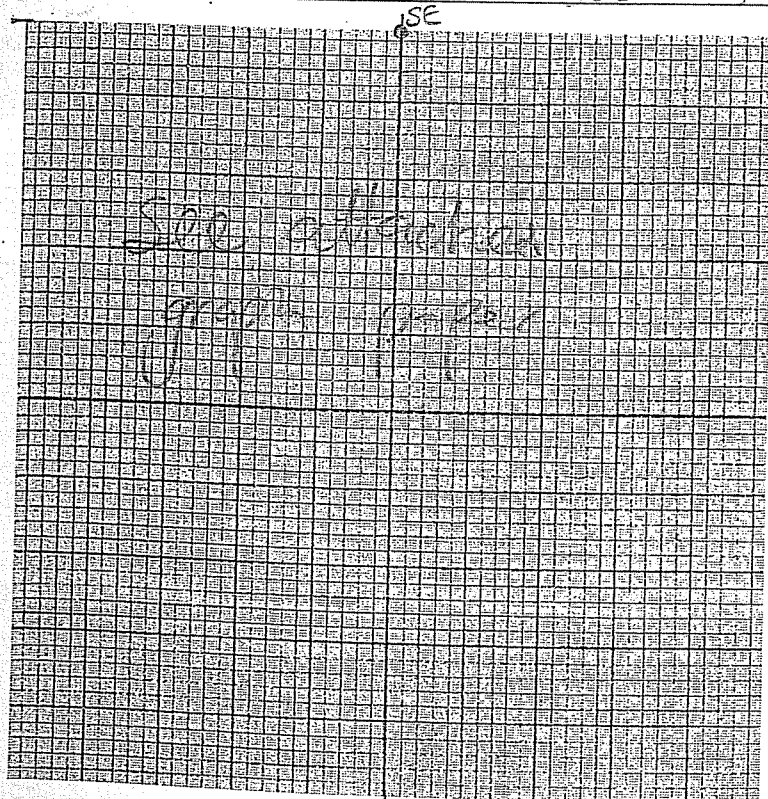
UNC-RLA
SQUARE/LEVEL RECORD

1. SITE: Pumpkin Lake 2. SQUARE:
3. LEVEL/ZONE: 06 4. UNIT: 274R386
5. Level Depth: 6. Bag Numbers: FL
7. Manner of Excavation: Shovel / Trowel
8. Features Originating This Level:
9. Field Specimen Numbers:

10. Soils Descriptions:ColorTextureHomogeneityInclusions

- A. See attached graph paper Chert
- B.

11. NOTES Level removed and screened separately
in 2 different sections based on soil types.
(A/C/D) + (B) (see level of map for soil colors).
level set at 10cm to remove transition
strata. between level of and the buried A

Key to Drawing

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SCALE: Observer: ACDate: 5/31/13

NOTES

Seen in the Shored profile of 274 R384.

Zone (A), (C), (D) were located in the western portion of the unit while zone (B) was located on the eastern portion.

- At the bottom of level 06 (or top of buried A) found a high concentration of charcoal generalized throughout the unit.

- Very few artifacts were found in any of the zones.

- The clay seen in level 05 continues to be seen in the top of the A horizon in a band running NE to SW across the top of the A horizon.

Final Elevations: Top of A

NE: 131 cmbd

SE: 132 cmbd

NW: 129 cmbd

SW: 130 cmbd

} see graph for

} additional elevations

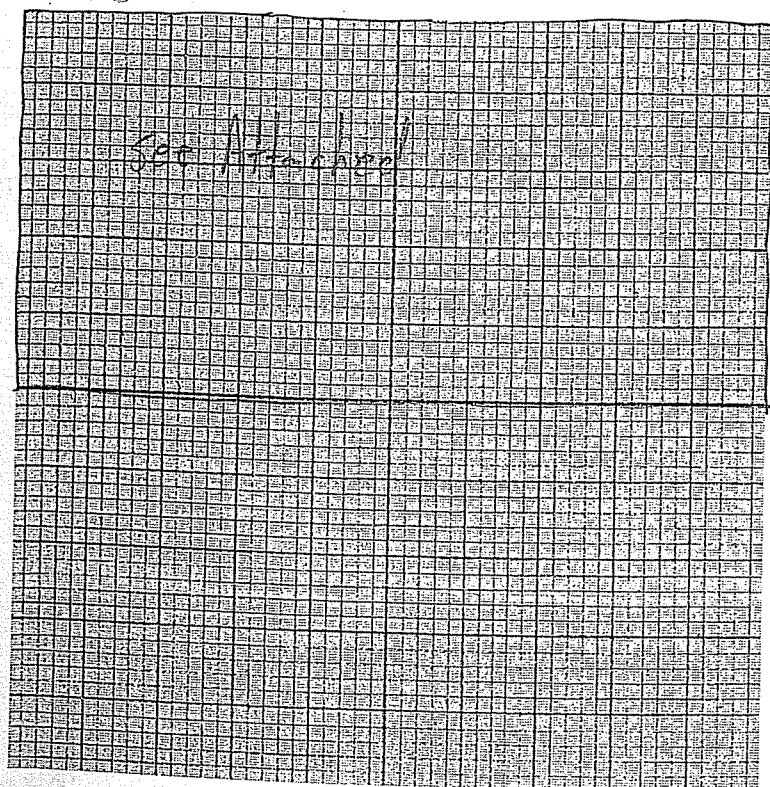
UNC-RLA
SQUARE/LEVEL RECORD

1. SITE: Pumpkin Lake 2. SQUARE:
3. LEVEL/ZONE: 07 4. UNIT: 274 R386
5. Level Depth: 5-10 cm 6. Bag Numbers: Water Screen, 92
7. Manner of Excavation: Shovel
8. Features Originating This Level: Feqs # 1A, 1B, 1C, 1D
9. Field Specimen Numbers:

10. Soils Descriptions:

<u>Color</u>	<u>Texture</u>	<u>Homogeneity</u>	<u>Inclusions</u>
A. <u>10yr ⁴/₃ (brown)</u>	<u>silty loam</u>	<u>homogenous</u>	<u> </u>
B. <u>10yr ³/₂ (very dark grayish brown)</u>	<u>silty loam</u>	<u>homogenous</u>	<u> </u>

11. NOTES Top 2 cm of horizon was water logged from rain/storm. 2 sets of water screening samples were taken - 1 from the top few cm which included the water logged surface and possible sidewall



Key to Drawing

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SCALE: 1:20 cm

Observer: AC

Date: 6/3/13

NOTES

contamination (^{Zone A} Bag no. 76, 77, 78). The second water screening sample came from below this waterlogged soil and will hopefully give us a un-contaminated sample of the ^{Zone B} A horizon (Bag no. 79, 80, 81). This second zone is where the two float sampler came from as well. (82, 83, 84, 85).

Feature no. 1 was also seen in level 07 and removed separately from the level, the soil (Buried A) was removed in its own zone C so the A horizon closest to the feature could be water screened separately. Level 07 removed the entirety of the buried A horizon and

- We also found 2 more postholes in the west end of the unit. They are on either side of the first posthole found, "bookending" the first.

UNC-RLAFEATURE RECORD

SITE: Pumpkin Lake Recorded by AC, MCK Date 5/21/13
FEATURE NUMBER 1 SQUARE 274R386 (a little into 274R384)

1. Type of Feature: Post/Trench
2. General Description: Series of globular clay pieces in a diagonal line moving across the western portion of unit 274R386 from the NE to the SW corner. Starts in level 05 and continues in level 06 at top of
3. Level/Zone of Origin: Level 05 - zone C, D Buried A,
4. Elevations: Top 100 cm bd Bottom 180 cm bd
5. Measurements: Maximum Length 1m plus Direction N $\rightarrow$ S
Maximum Width 25cm Direction E $\rightarrow$ W
Maximum Depth 80 cm bd Location 1B post
Minimum Depth 50 cm bd Location 1D post
6. Manner of Excavation Digging stratigraphically in levels level 05 & 06 and in level 07 feature was bisected, and 1A was dug out. Then 1B, 1C & 1D were 1Ded & cored out.
7. Description of Fill (s): Color Texture Inclusions
(Key to drawings, Profiles, etc.) ① 5Y 5/1 gray clay w/no inclusions
② 5Y 7/2 light gray clay w/heavy oxidation or iron inclusions
Labelled as C/D on maps.
8. Samples Taken: Type Location Notes
Water screen
Float
Plots of 1B, 1C, 1D done separately
9. Drawings Made: Level 05, 06 plan view, + 07 in MCK journal (6/6/13)
10. Photographs: Level 05, 06, Level 7, all bisections
11. Miscellaneous Notes:
This feature was first 1Ded as a trench of clay. Then when it was bisected, it was recognized as 4 separate things one of which cut down into the E (1A), once the pedestal was taken down, 1B, 1C & 1D were also recognized as cutting down into the E & were cored out.

(Write additional notes on back, identified by numbered categories as on front of sheet.)

UNC-RLAFEATURE RECORDSITE: Pumpkin Lake Recorded by MCK Date 6/6/13FEATURE NUMBER 1A SQUARE 2742386

1. Type of Feature: post hole
2. General Description: post hole originating above Buried A horizon - consists of a thin layer of white clay w/ an underlying gray clayey-loam post hole diving into the E.

3. Level/Zone of Origin: L64. Elevations: Top 132cmbd Bottom 150cmbd5. Measurements: Maximum Length 23cm Direction N7SMaximum Width 20cm Direction E7WMaximum Depth 18cm Location centerMinimum Depth 2cm Location white clay layer

6. Manner of Excavation bisected as part of F1 generally then 1Ded + continuing down. Window cut into E on W 1/2, cord out on E 1/2

7. Description of Fill (s):	Color	Texture	Inclusions
(Key to drawings, Profiles, etc.)	A	<u>5Y 7/2 light gray clay w/ iron</u>	
	B	<u>5Y 5/1 gray clayey loam</u>	-
	C		

8. Samples Taken:	Type	Location	Notes
	<u>flotation</u>	<u>all of F1</u>	

9. Drawings Made: base of L6, L7 = plan,
profile bisection

10. Photographs: plan of L6, L7 + profile of bisection

11. Miscellaneous Notes:

just floated as part of F1 more generally.

(Write additional notes on back, identified by numbered categories as on front of sheet.)

UNC-RLA

FEATURE RECORD

SITE: Pumpkin Lake

Recorded by Ben Davis / D. Carter Date 6/10/13

FEATURE NUMBER 1B

SQUARE 274K386

1. Type of Feature: Post hole

2. General Description: Post hole which likely originated in the buried A-horizon - It consists of 2 apparent post holes connected by a grayish silty loam fill.

3. Level/Zone of Origin: - L-7

4. Elevations: Top 142 cmhd Bottom 175.5 cmhd

5. Measurements: Maximum Length 25cm Direction NE/SW

Maximum Width 12cm Direction NW/SE

Maximum Depth 34cm Location SW

Minimum Depth 17cm Location NE

6. Manner of Excavation: The feature was bisected along a SW/NE line in order to get both dark concentrations in the profile. The SE 1/2 was excavated as a window box to expose the profile; the NW 1/2 was cored out using spoons

7. Description of Fill (s): Color a: 10yr 3/4 (very dark grayish brown) Texture silty loam Inclusions

(Key to drawings,

A

Profiles, etc.)

B

silt.

C

8. Samples Taken:

Type

Location

Notes

Waterscreen

SE 1/2

Bag # 97

Flotation

NW 1/2

Bag #s light 46 heavy 47 2 Liters

9. Drawings Made: planview, NW profile

10. Photographs: planview, profile.

11. Miscellaneous Notes:

Both dark disturbances appear to be post holes, though the NE one was rather tapered. No artifacts were observed during excavation. The grayish silt ("B") in between the 2 dark disturbances did not extend far & may represent part of an original posthole or leaching.

(Write additional notes on back, identified by numbered categories as on front of sheet.)

UNC-RLAFEATURE RECORDSITE: Pumpkin LakeRecorded by Ben Davis Date 6/10/13FEATURE NUMBER 1CSQUARE 274 R386

1. Type of Feature: Post hole
2. General Description: We found a posthole about 14 cm in diameter in the west end of the unit. It likely originated at the top of the buried A-horizon, but we did not identify it until we reached the E-horizon.
3. Level/Zone of Origin: - Level 7
4. Elevations: Top 145 cmbd Bottom 170 cmbd
5. Measurements: Maximum Length 14 cm Direction E → W
Maximum Width 12 cm Direction S → N
Maximum Depth 26 cm Location center
Minimum Depth _____ Location _____
6. Manner of Excavation I bisected the feature and excavated the west half for a waterscreen sample. The east half has been collected as a flotation sample.
7. Description of Fill (s): Color 10yr 5/2 (dark grayish brown) Texture silty loam Inclusions _____
(Key to drawings, A Southern most point of bisect
Profiles, etc.) B Northern most point of bisect
C _____
8. Samples Taken: Type Location Notes
Waterscreen Western half Bag = 96
Flotation Eastern half Bag = 98, 99
9. Drawings Made: Planview
Profile (east profile)
10. Photographs: Planview, profile
11. Miscellaneous Notes: No artifacts observed during excavation

(Write additional notes on back, identified by numbered categories as on front of sheet.)

UNC-RLA

FEATURE RECORD

SITE: Pumpkin Lake Recorded by D. Cranford Date 6/10/13
 FEATURE NUMBER 1-0 SQUARE 274R386

1. Type of Feature: post hole
2. General Description: This feature was noted in the southern profile of 274R386 & became clearly visible when excavations reached the E-horizon. It bisected by the unit wall & appears to be partially intruded by a different post that originates higher up. A clay cap/plug was noted.
3. Level/Zone of Origin: 1-7
4. Elevations: Top 145cm bd (SE ^{unit datum} corner) Bottom 156cm bd
5. Measurements: Maximum Length — Direction —
 Maximum Width 13cm Direction E/W
 Maximum Depth 11cm Location center
 Minimum Depth — Location —
6. Manner of Excavation: This feature was effectively bisected by the unit's south wall & so I removed the N¹/₂ with a spoon & collected it as a flotation sample. The S¹/₂ remained in the profile.
7. Description of Fill (s):

	Color	Texture	Inclusions
(Key to drawings, Profiles, etc.) A	<u>very dark grayish brown (10YR 3/2)</u>		<u>small amounts of the clay plug introduced by insect burrows</u>
B			
C			
8. Samples Taken:

Type	Location	Notes
<u>Flotation</u>	<u>N¹/₂</u>	<u>Bag # 48 - light ~ 1 liter</u> <u>49 - Heavy</u>
9. Drawings Made: plan view, S¹/₂ Profile.
10. Photographs: plan view, S¹/₂ Profile.
11. Miscellaneous Notes:
No artifacts were observed during excavation. This feature appears to be a good posthole, roughly in line with Fea's 1A → 1C. The upper portion of this post is preserved in the South Profile & appears to have been capped or plugged with light colored clay (Fea 1). Also in the profile, it is apparent that the post originate at the top of the Buried A-horizon

(Write additional notes on back, identified by numbered categories as on front of sheet.)

NOTES

because the clay caps are lying flat on this surface. Fea I-D is also intruded by another post, one that seems to originate on the midden-like zone on the mound slope.